

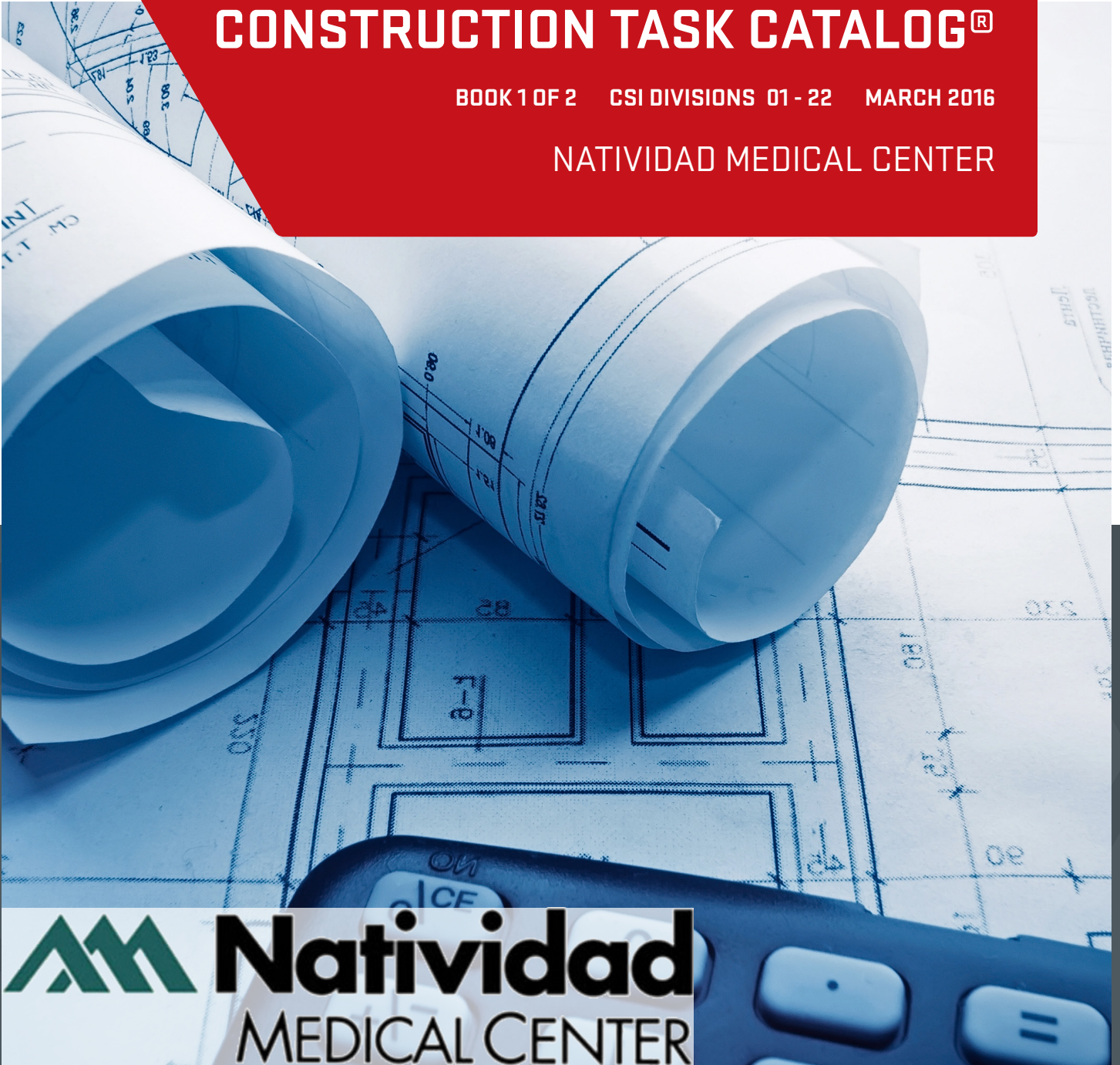


BUY SMART. BUILD BETTER.

JOB ORDER CONTRACT CONSTRUCTION TASK CATALOG®

BOOK 1 OF 2 CSI DIVISIONS 01 - 22 MARCH 2016

NATIVIDAD MEDICAL CENTER



 **Natividad**
MEDICAL CENTER

GORDIAN
JOC SOLUTIONS

THIS PAGE INTENTIONALLY LEFT BLANK

00 Using The Construction Task Catalog®	1
<hr/>	
01 General Requirements	1
01 20 Price And Payment Procedures	1
01 22 Unit Prices	1
01 40 Quality Requirements	24
01 45 Quality Control	24
01 50 Temporary Facilities And Controls	27
01 51 Temporary Utilities	27
01 52 Construction Facilities	28
01 54 Construction Aids	29
01 55 Vehicular Access And Parking	30
01 56 Temporary Barriers And Enclosures	33
01 57 Temporary Controls	40
01 58 Project Identification	41
01 60 Product Requirements	41
01 66 Product Storage And Handling Requirements	41
01 70 Execution And Closeout Requirements	42
01 71 Examination And Preparation	42
01 74 Cleaning And Waste Management	43
01 90 Life Cycle Activities	45
01 91 Commissioning	45
<hr/>	
02 Existing Conditions	1
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition And Structure Moving	1
02 41 Demolition	1
02 43 Structure Moving	16
02 60 Contaminated Site Material Removal	16
02 61 Removal And Disposal Of Contaminated Soils	16
02 65 Underground Storage Tank Removal	16
02 80 Facility Remediation	19
02 81 Transportation And Disposal Of Hazardous Materials	19
02 82 Asbestos Remediation	19
02 83 Lead Remediation	25
02 84 Polychlorinate Biphenyl Remediation	28
02 85 Mold Remediation	29
02 86 Hazardous Waste Drum Handling	31
02 87 Bio-Hazard Material Remediation	33
02 89 Hazmat Ancillary Tasks And Support	33
02 90 Disaster Recovery	33
02 90 50 Cleaning And Emergency Clean-up	34
<hr/>	
03 Concrete	1
03 01 Maintenance Of Concrete	1
03 01 30 Maintenance Of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	3
03 10 Concrete Forming And Accessories	3
03 11 Concrete Forming	3
03 15 Concrete Accessories	6
03 20 Concrete Reinforcing	15
03 21 Reinforcement Bars	15
03 22 Fabric And Grid Reinforcing	24
03 30 Cast-In-Place Concrete	25
03 31 Structural Concrete	25
03 35 Concrete Finishing	41
03 37 Specialty Placed Concrete	44
03 39 Concrete Curing	45
03 40 Precast Concrete	46
03 41 Precast Structural Concrete	46

Table of Contents

03 48 Precast Concrete Specialties	55
03 50 Cast Decks And Underlayment	57
03 51 Cast Roof Decks.....	57
03 52 Lightweight Concrete Roof Insulation.....	58
03 53 Concrete Topping	59
03 54 Cast Underlayment.....	59
03 60 Grouting	59
03 61 Cementitious Grouting	59
03 62 Non-Shrink Grouting	59
03 64 Injection Grouting	60
03 80 Concrete Cutting And Boring.....	60
03 81 Concrete Cutting.....	60
03 82 Concrete Boring.....	60
04 Masonry	1
04 01 Maintenance Of Masonry	1
04 01 20 Maintenance Of Unit Masonry.....	1
04 01 40 Maintenance of Stone Assemblies.....	10
04 01 50 Maintenance of Refractory Masonry.....	10
04 05 Common Work Results For Masonry.....	10
04 05 13 Masonry Mortaring.....	10
04 05 16 Masonry Grouting	11
04 05 19 Masonry Anchorage And Reinforcing.....	11
04 05 23 Masonry Accessories.....	38
04 05 26 Masonry Scaffolding	39
04 20 Unit Masonry.....	40
04 21 Clay Unit Masonry	40
04 22 Concrete Unit Masonry	45
04 23 Glass Unit Masonry	52
04 40 Stone Assemblies	52
04 41 Dry-Placed Stone	52
04 42 Exterior Stone Cladding.....	52
04 43 Stone Masonry	53
04 70 Manufactured Masonry.....	54
04 72 Cast Stone Masonry	54
05 Metals	1
05 05 Common Work Results For Metals.....	1
05 05 19 Post-Installed Concrete Anchors.....	1
05 05 23 Metal Fastenings	11
05 10 Structural Metal Framing.....	72
05 12 Structural Steel Framing	72
05 14 Structural Aluminum Framing.....	124
05 15 Wire Rope Assemblies	125
05 20 Metal Joists.....	140
05 21 Steel Joist Framing.....	140
05 30 Metal Decking.....	140
05 31 Steel Decking	140
05 36 Composite Metal Decking	143
05 40 Cold-Formed Metal Framing.....	146
05 41 Structural Metal Stud Framing	146
05 42 Cold-Formed Metal Joist Framing.....	148
05 43 Slotted Channel Framing	148
05 44 Cold-Formed Metal Trusses	150
05 45 Metal Support Assemblies	151
05 50 Metal Fabrications.....	151
05 51 Metal Stairs	151
05 52 Metal Railings.....	153
05 53 Metal Gratings	159
05 54 Metal Floor Plates.....	166
05 55 Metal Stair Treads And Nosings	166
05 56 Metal Castings.....	168
05 58 Formed Metal Fabrications	168
05 59 Metal Specialties	169
05 70 Decorative Metal	177
05 71 Decorative Metal Stairs.....	177
05 73 Decorative Metal Railings	177

05 75 Decorative Formed Metal.....	178
06 Wood, Plastics, and Composites	1
06 01 Maintenance of Wood, Plastics, and Composites.....	1
06 01 20 Maintenance of Finish Carpentry.....	1
06 05 Common Work Results For Wood, Plastics, And Composites.....	1
06 05 23 Wood, Plastic, And Composite Fastenings.....	1
06 05 73 Wood Treatment.....	16
06 10 Rough Carpentry.....	16
06 11 Wood Framing.....	16
06 13 Heavy Timber Construction.....	21
06 15 Wood Decking.....	22
06 16 Sheathing.....	26
06 17 Shop-Fabricated Structural Wood.....	31
06 18 Glued-Laminated Construction.....	36
06 20 Finish Carpentry.....	37
06 22 Millwork.....	37
06 25 Prefinished Paneling.....	39
06 40 Architectural Woodwork.....	39
06 41 Architectural Wood Casework.....	39
06 42 Wood Paneling.....	79
06 43 Wood Stairs And Railings.....	82
06 44 Ornamental Woodwork.....	83
06 46 Wood Trim.....	85
06 48 Wood Frames.....	101
06 49 Wood Screens and Exterior Wood Shutters.....	102
06 50 Structural Plastics.....	102
06 51 Structural Plastic Shapes And Plates.....	102
06 52 Plastic Structural Assemblies.....	107
06 53 Plastic Decking.....	108
06 60 Plastic Fabrications.....	108
06 65 Plastic Trim.....	108
06 70 Structural Composites.....	109
06 74 Composite Gratings.....	109
06 80 Composite Fabrications.....	110
06 82 Composite Trim.....	110
06 83 Composite Paneling.....	112
07 Thermal And Moisture Protection	1
07 01 Operation And Maintenance Of Thermal And Moisture Protection.....	1
07 01 20 Maintenance Of Thermal Protection.....	1
07 01 50 Maintenance Of Membrane Roofing.....	1
07 05 Common Work Results For Thermal And Moisture Protection.....	1
07 05 13 Small Quantities And Repairs For Roofing.....	1
07 10 Dampproofing And Waterproofing.....	2
07 11 Dampproofing.....	2
07 13 Sheet Waterproofing.....	2
07 14 Fluid-Applied Waterproofing.....	4
07 16 Cementitious And Reactive Waterproofing.....	4
07 17 Bentonite Waterproofing.....	4
07 19 Water Repellents.....	5
07 20 Thermal Protection.....	5
07 21 Thermal Insulation.....	5
07 22 Roof And Deck Insulation.....	10
07 24 Exterior Insulation And Finish Systems.....	20
07 25 Weather Barriers.....	22
07 26 Vapor Retarders.....	23
07 27 Air Barriers.....	23
07 30 Steep Slope Roofing.....	23
07 31 Shingles And Shakes.....	23
07 32 Roof Tiles.....	28
07 34 Roofing Underlayment.....	30
07 40 Roofing And Siding Panels.....	31
07 41 Roof Panels.....	31
07 42 Wall Panels.....	35
07 46 Siding.....	36
07 50 Membrane Roofing.....	40

Table of Contents

07 51 Built-Up Bituminous Roofing.....	40
07 52 Modified Bituminous Membrane Roofing.....	46
07 53 Elastomeric Membrane Roofing.....	51
07 54 Thermoplastic Membrane Roofing.....	54
07 55 Protected Membrane Roofing.....	56
07 56 Fluid-Applied Roofing.....	57
07 57 Coated Foamed Roofing.....	58
07 58 Roll Roofing.....	59
07 59 Membrane Roofing Accessories.....	60
07 60 Flashing And Sheet Metal.....	60
07 62 Sheet Metal Flashing And Trim.....	60
07 63 Sheet Metal Roofing Specialties.....	64
07 65 Flexible Flashing.....	65
07 70 Roof And Wall Specialties And Accessories.....	65
07 71 Roof Specialties.....	65
07 72 Roof Accessories.....	79
07 73 Roof Protection Board.....	102
07 76 Roof Pavers.....	103
07 80 Fire And Smoke Protection.....	104
07 81 Applied Fireproofing.....	104
07 82 Board Fireproofing.....	105
07 84 Firestopping.....	106
07 90 Joint Protection.....	110
07 91 Preformed Joint Seals.....	110
07 92 Joint Sealants.....	112
07 95 Expansion Control.....	114

08 Openings 1

08 01 Operation And Maintenance Of Openings.....	1
08 01 10 Operation And Maintenance Of Doors And Frames.....	1
08 01 50 Operation And Maintenance Of Windows.....	1
08 01 80 Maintenance of Glazing.....	1
08 05 Common Work Results For Openings.....	1
08 05 13 Door Options And Modifications.....	1
08 10 Doors And Frames.....	2
08 11 Metal Doors And Frames.....	2
08 12 Metal Frames.....	3
08 13 Metal Doors.....	28
08 14 Wood Doors.....	67
08 15 Plastic Doors.....	84
08 16 Composite Doors.....	85
08 17 Integrated Door Opening Assemblies.....	91
08 30 Specialty Doors And Frames.....	95
08 31 Access Doors And Panels.....	95
08 32 Sliding Glass Doors.....	96
08 33 Coiling Doors And Grilles.....	96
08 34 Special Function Doors.....	111
08 35 Folding Doors And Grilles.....	116
08 36 Panel Doors.....	116
08 38 Traffic Doors.....	122
08 40 Entrances, Storefronts, And Curtain Walls.....	138
08 41 Entrances And Storefronts.....	138
08 42 Entrances.....	138
08 43 Storefronts.....	142
08 44 Curtain Wall And Glazed Assemblies.....	143
08 45 Translucent Wall And Roof Assemblies.....	145
08 50 Windows.....	145
08 51 Metal Windows.....	145
08 52 Wood Windows.....	162
08 53 Plastic Windows.....	198
08 56 Special Function Windows.....	225
08 60 Roof Windows And Skylights.....	228
08 63 Metal-Framed Skylights.....	228
08 65 Wood-Framed Skylights.....	237
08 70 Hardware.....	238
08 71 Door Hardware.....	238
08 74 Access Control Hardware.....	340
08 75 Window Hardware.....	340

08 79 Hardware Accessories	340
08 80 Glazing.....	340
08 81 Glass Glazing	340
08 83 Mirrors	347
08 84 Plastic Glazing.....	348
08 85 Glazing Accessories	350
08 87 Glazing Surface Films.....	350
08 88 Special Function Glazing	351
08 90 Louvers And Vents.....	352
08 91 Louvers.....	352
08 95 Vents	382
09 Finishes	1
09 01 Maintenance Of Finishes.....	1
09 01 20 Maintenance Of Plaster And Gypsum Board	1
09 01 30 Maintenance of Tiling.....	1
09 01 60 Maintenance Of Flooring.....	1
09 05 Common Work Results For Finishes	2
09 05 61 Common Work Results for Flooring Preparation	2
09 05 71 Acoustic Underlayment	2
09 20 Plaster And Gypsum Board.....	2
09 22 Supports For Plaster And Gypsum Board	2
09 23 Gypsum Plastering	10
09 24 Cement Plastering	12
09 28 Backing Boards And Underlayments.....	13
09 29 Gypsum Board.....	13
09 30 Tiling.....	21
09 30 13 Ceramic Tiling.....	22
09 30 16 Quarry Tiling.....	22
09 31 Thin-Set Tiling	22
09 32 Mortar-Bed Tiling	23
09 34 Waterproofing-Membrane Tiling.....	23
09 35 Chemical-Resistant Tiling	23
09 39 Tiling Transitions And Accessories	24
09 50 Ceilings.....	24
09 51 Acoustical Ceilings.....	24
09 53 Acoustical Ceiling Suspension Assemblies	31
09 54 Specialty Ceilings	33
09 57 Special Function Ceilings.....	33
09 60 Flooring.....	33
09 61 Flooring Treatment	34
09 63 Masonry Flooring.....	34
09 64 Wood Flooring	34
09 65 Resilient Flooring.....	37
09 66 Terrazzo Flooring.....	43
09 67 Fluid-Applied Flooring.....	45
09 68 Carpeting.....	46
09 69 Access Flooring	53
09 70 Wall Finishes.....	54
09 72 Wall Coverings	54
09 73 Wall Carpeting	54
09 74 Flexible Wood Sheets.....	54
09 80 Acoustic Treatment	54
09 81 Acoustic Insulation.....	55
09 84 Acoustic Room Components.....	55
09 85 Acoustic Sound Deadening.....	56
09 90 Painting And Coating	56
09 91 Painting	56
09 93 Staining And Transparent Finishing	122
09 94 Decorative Finishing	124
09 96 High-Performance Coatings.....	124
09 97 Special Coatings.....	125
10 Specialties	1
10 10 Information Specialties	1
10 11 Visual Display Units	1
10 12 Display Cases.....	9

Table of Contents

10 13 Directories	9
10 14 Signage	12
10 20 Interior Specialties.....	36
10 21 Compartments And Cubicles	36
10 22 Partitions	60
10 26 Wall And Door Protection.....	63
10 28 Toilet, Bath, And Laundry Accessories	73
10 40 Safety Specialties.....	82
10 41 Emergency Access And Information Cabinets	82
10 44 Fire Protection Specialties	82
10 50 Storage Specialties	88
10 51 Lockers.....	88
10 56 Storage Assemblies.....	101
10 57 Wardrobe And Closet Specialties	104
10 70 Exterior Specialties	104
10 71 Exterior Protection	104
10 73 Protective Covers	106
10 75 Flagpoles.....	107
10 80 Other Specialties.....	109
10 81 Pest Control Devices	109
10 86 Security Mirrors And Domes	109

11 Equipment **1**

11 01 Operation And Maintenance Of Equipment	1
11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment.....	1
11 10 Vehicle And Pedestrian Equipment	1
11 12 Parking Control Equipment	1
11 13 Loading Dock Equipment.....	2
11 14 Pedestrian Control Equipment	6
11 20 Commercial Equipment.....	8
11 21 Retail and Service Equipment.....	8
11 26 Compact Kitchens.....	9
11 28 Office Equipment.....	10
11 40 Foodservice Equipment.....	10
11 41 Foodservice Storage Equipment.....	10
11 42 Food Preparation Equipment	29
11 44 Food Cooking Equipment	31
11 46 Food Dispensing Equipment.....	32
11 48 Foodservice Cleaning and Disposal Equipment.....	34
11 50 Educational And Scientific Equipment	35
11 52 Audio-Visual Equipment.....	35
11 53 Laboratory Equipment	41
11 70 Healthcare Equipment.....	41
11 72 Examination And Treatment Equipment.....	41
11 73 Patient Care Equipment.....	41
11 80 Facility Maintenance and Operation Equipment	41
11 81 Maintenance Equipment	41
11 82 Facility Solid Waste Handling Equipment.....	42

12 Furnishings **1**

12 01 Operation And Maintenance Of Furnishings.....	1
12 01 60 Operation And Maintenance Of Multiple Seating.....	1
12 20 Window Treatments	1
12 21 Window Blinds.....	1
12 22 Curtains And Drapes	1
12 24 Window Shades.....	3
12 30 Casework.....	3
12 31 Manufactured Metal Casework	3
12 35 Specialty Casework	7
12 36 Countertops.....	9
12 40 Furnishings And Accessories	10
12 41 Office Accessories.....	10
12 48 Rugs And Mats.....	10
12 50 Furniture	11
12 59 Systems Furniture.....	11

13 Special Construction	1
13 20 Special Purpose Rooms.....	1
13 21 Controlled Environment Rooms	1
13 40 Integrated Construction.....	1
13 47 Facility Protection	1
13 48 Sound, Vibration, And Seismic Control	1
13 49 Radiation Protection	2
14 Conveying Equipment	1
14 01 Operation And Maintenance Of Conveying Equipment.....	1
14 01 20 Operation And Maintenance Of Elevators	1
14 01 30 Operation And Maintenance Of Escalators And Moving Walks	2
14 20 Elevators.....	2
14 21 Electric Traction Elevators	2
14 24 Hydraulic Elevators.....	6
14 26 Limited-Use/Limited-Application Elevators	10
14 30 Escalators And Moving Walks	11
14 31 Escalators.....	11
14 40 Lifts.....	11
14 42 Wheelchair Lifts	11
14 90 Other Conveying Equipment	12
14 91 Facility Chutes	12
14 92 Pneumatic Tube Systems	12
21 Fire Suppression	1
21 01 Operation and Maintenance of Fire Suppression.....	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment.....	1
21 05 Common Work Results for Fire Suppression.....	1
21 05 13 Common Motor Requirements For Fire-Suppression Equipment.....	1
21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping.....	1
21 05 19 Meters And Gages For Fire-Suppression Systems.....	1
21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping.....	1
21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment	1
21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment	1
21 05 53 Identification For Fire-Suppression Piping And Equipment.....	2
21 07 Fire-Suppression Systems Insulation	2
21 07 19 Fire-Suppression Piping Insulation.....	2
21 10 Water-Based Fire-Suppression Systems.....	2
21 11 Facility Fire-Suppression Water-Service Piping.....	2
21 12 Fire-Suppression Standpipes.....	2
21 13 Fire-Suppression Sprinkler Systems	3
21 16 Fire-Suppression Pressure Maintenance Pumps	8
21 20 Fire-Extinguishing Systems	8
21 21 Carbon-Dioxide Fire-Extinguishing Systems	8
21 22 Clean-Agent Fire-Extinguishing Systems	9
21 23 Wet-Chemical Fire-Extinguishing Systems	17
21 24 Dry-Chemical Fire-Extinguishing Systems	20
21 30 Fire Pumps.....	22
21 31 Centrifugal Fire Pumps	22
22 Plumbing	1
22 01 Operation and Maintenance of Plumbing.....	1
22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps	1
22 01 40 Operation and Maintenance of Plumbing Fixtures.....	1
22 05 Common Work Results for Plumbing.....	2
22 05 13 Common Motor Requirements For Plumbing Equipment.....	2
22 05 16 Expansion Fittings And Loops For Plumbing Piping.....	2
22 05 19 Meters And Gages For Plumbing Piping	2
22 05 23 General-Duty Valves For Plumbing Piping	2
22 05 29 Hangers And Supports For Plumbing Piping And Equipment	2
22 05 33 Heat Tracing For Plumbing Piping	2
22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment	2
22 05 53 Identification For Plumbing Piping And Equipment.....	2
22 05 76 Facility Drainage Piping Cleanouts.....	3

Table of Contents

22 07 Plumbing Insulation.....	5
22 07 16 Plumbing Equipment Insulation.....	5
22 07 19 Plumbing Piping Insulation.....	5
22 10 Plumbing Piping.....	15
22 11 Facility Water Distribution.....	16
22 12 Facility Potable-Water Storage Tanks.....	75
22 13 Facility Sanitary Sewerage.....	76
22 14 Facility Storm Drainage.....	120
22 15 General Service Compressed-Air Systems.....	128
22 30 Plumbing Equipment.....	131
22 31 Domestic Water Softeners.....	131
22 32 Domestic Water Filtration Equipment.....	133
22 33 Electric Domestic Water Heaters.....	134
22 34 Fuel-Fired Domestic Water Heaters.....	137
22 35 Domestic Water Heat Exchangers.....	140
22 40 Plumbing Fixtures.....	140
22 41 Residential Plumbing Fixtures.....	140
22 42 Commercial Plumbing Fixtures.....	141
22 43 Healthcare Plumbing Fixtures.....	154
22 45 Emergency Plumbing Fixtures.....	156
22 47 Drinking Fountains And Water Coolers.....	159
22 50 Pool And Fountain Plumbing Systems.....	162
22 51 Swimming Pool Plumbing Systems.....	162
22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities.....	163
22 63 Gas Systems For Laboratory And Healthcare Facilities.....	163
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities.....	164
22 67 Processed Water Systems For Laboratory And Healthcare Facilities.....	178

23 Heating, Ventilating, And Air-Conditioning (HVAC) 1

23 01 Operation and Maintenance of HVAC Systems.....	1
23 01 10 Operation and Maintenance of Facility Fuel Systems.....	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps.....	1
23 01 30 Operation and Maintenance of HVAC Air Distribution.....	2
23 01 50 Operation and Maintenance of Central Heating Equipment.....	3
23 01 60 Operation and Maintenance of Central Cooling Equipment.....	4
23 05 Common Work Results For HVAC.....	4
23 05 13 Common Motor Requirements For HVAC Equipment.....	4
23 05 16 Expansion Fittings And Loops For HVAC Piping.....	7
23 05 19 Meters And Gages For HVAC Piping.....	15
23 05 23 General-Duty Valves For HVAC Piping.....	20
23 05 29 Hangers And Supports For HVAC Piping And Equipment.....	40
23 05 33 Heat Tracing For HVAC Piping.....	66
23 05 48 Vibration And Seismic Controls For HVAC.....	66
23 05 53 Identification For HVAC Piping And Equipment.....	71
23 05 93 Testing, Adjusting, And Balancing For HVAC.....	71
23 07 HVAC Insulation.....	74
23 07 13 Duct Insulation.....	74
23 07 16 HVAC Equipment Insulation.....	75
23 07 19 HVAC Piping Insulation.....	75
23 08 Commissioning Of HVAC.....	78
23 09 Instrumentation And Control For HVAC.....	78
23 09 13 Instrumentation And Control Devices For HVAC.....	78
23 09 23 Direct-Digital Control System For HVAC.....	79
23 10 Facility Fuel Systems.....	100
23 11 Facility Fuel Piping.....	100
23 12 Facility Fuel Pumps.....	107
23 13 Facility Fuel-Storage Tanks.....	108
23 20 HVAC Piping And Pumps.....	115
23 21 Hydronic Piping And Pumps.....	115
23 22 Steam And Condensate Piping And Pumps.....	198
23 23 Refrigerant Piping.....	203
23 25 HVAC Water Treatment.....	208
23 30 HVAC Air Distribution.....	209
23 31 HVAC Ducts And Casings.....	209
23 33 Air Duct Accessories.....	267
23 34 HVAC Fans.....	308
23 35 Special Exhaust Systems.....	322
23 36 Air Terminal Units.....	324

23 37 Air Outlets And Inlets	327
23 38 Ventilation Hoods.....	341
23 40 HVAC Air Cleaning Devices	342
23 41 Particulate Air Filtration.....	342
23 42 Gas-Phase Air Filtration.....	344
23 44 Ultraviolet HVAC Microbial Control	345
23 50 Central Heating Equipment	346
23 51 Breechings, Chimneys, And Stacks	346
23 52 Heating Boilers	366
23 53 Heating Boiler Feedwater Equipment.....	382
23 54 Furnaces	383
23 55 Fuel-Fired Heaters.....	385
23 57 Heat Exchangers for HVAC	386
23 60 Central Cooling Equipment.....	388
23 61 Refrigerant Compressors.....	388
23 62 Packaged Compressor and Condenser Units	389
23 63 Refrigerant Condensers.....	391
23 64 Packaged Water Chillers	393
23 65 Cooling Towers.....	397
23 70 Central HVAC Equipment.....	401
23 71 Thermal Storage.....	401
23 72 Air-To-Air Energy Recovery Equipment	401
23 73 Indoor Central-Station Air-Handling Units	402
23 74 Packaged Outdoor HVAC Equipment	418
23 76 Evaporative Air-Cooling Equipment	425
23 80 Decentralized Unitary HVAC Equipment	426
23 81 Decentralized Unitary HVAC Equipment.....	426
23 82 Convection Heating And Cooling Units	438
23 83 Radiant Heating Units.....	453
23 84 Humidity Control Equipment	453
26 Electrical	1
26 01 Operation and Maintenance of Electrical Systems.....	1
26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution.....	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution.....	2
26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment	2
26 01 50 Operation and Maintenance of Lighting.....	2
26 05 Common Work Results For Electrical.....	18
26 05 13 Medium-Voltage Cables.....	18
26 05 19 Low-Voltage Electrical Power Conductors And Cables	23
26 05 23 Control-Voltage Electrical Power Cables.....	38
26 05 26 Grounding And Bonding For Electrical Systems.....	38
26 05 29 Hangers And Supports For Electrical Systems.....	43
26 05 33 Raceway And Boxes For Electrical Systems.....	62
26 05 36 Cable Trays For Electrical Systems	176
26 05 39 Underfloor Raceways for Electrical Systems.....	259
26 05 43 Underground Ducts And Raceways For Electrical Systems	260
26 05 46 Utility Poles for Electrical Systems.....	263
26 05 53 Identification for Electrical Systems.....	270
26 05 83 Wiring Connections.....	271
26 09 Instrumentation and Control for Electrical Systems	274
26 09 23 Lighting Control Devices	274
26 10 Medium-Voltage Electrical Distribution	288
26 11 Substations.....	288
26 12 Medium-Voltage Transformers.....	295
26 13 Medium-Voltage Switchgear	299
26 18 Medium-Voltage Circuit Protection Devices	301
26 20 Low-Voltage Electrical Distribution	301
26 21 Low-Voltage Electrical Service Entrance.....	301
26 22 Low-Voltage Transformers.....	302
26 24 Switchboards And Panelboards	310
26 25 Enclosed Bus Assemblies.....	354
26 26 Power Distribution Units.....	356
26 27 Low-Voltage Distribution Equipment	356
26 28 Low-Voltage Circuit Protective Devices.....	372
26 29 Low-Voltage Controllers.....	392
26 30 Facility Electrical Power Generating And Storing Equipment.....	407
26 31 Photovoltaic Collectors	407

Table of Contents

26 32 Packaged Generator Assemblies.....	411
26 33 Battery Equipment.....	414
26 35 Power Filters And Conditioners.....	418
26 36 Transfer Switches.....	418
26 40 Electrical And Cathodic Protection.....	421
26 41 Facility Lightning Protection.....	421
26 43 Surge Protective Devices.....	423
26 50 Lighting.....	426
26 51 Interior Lighting.....	426
26 52 Emergency Lighting.....	446
26 53 Exit Signs.....	448
26 55 Special Purpose Lighting.....	449
26 56 Exterior Lighting.....	449
27 Communications	1
27 05 Common Work Results for Communications.....	1
27 05 26 Grounding and Bonding for Communications Systems.....	1
27 05 29 Hangers And Supports For Communications Systems.....	1
27 05 33 Conduits And Backboxes For Communications Systems.....	4
27 05 36 Cable Trays For Communications Systems.....	4
27 05 39 Surface Raceways For Communications Systems.....	4
27 05 43 Underground Ducts And Raceways For Communications Systems.....	4
27 05 46 Utility Poles For Communications Systems.....	4
27 05 53 Identification For Communications Systems.....	4
27 10 Structured Cabling.....	4
27 11 Communications Equipment Room Fittings.....	4
27 14 Communications Cabling.....	10
27 16 Communications Connecting Cords, Devices, And Adapters.....	38
27 20 Data Communications.....	39
27 21 Data Communications Network Equipment.....	39
27 30 Voice Communications.....	41
27 31 Voice Communications Switching and Routing Equipment.....	42
27 32 Voice Communications Terminal Equipment.....	42
27 40 Audio-Video Communications.....	43
27 41 Audio-Video Systems.....	43
27 50 Distributed Communications And Monitoring Systems.....	44
27 51 Distributed Audio-Video Communications Systems.....	44
27 52 Healthcare Communications And Monitoring Systems.....	44
27 53 Distributed Systems.....	46
28 Electronic Safety And Security	1
28 05 Common Work Results For Electronic Safety And Security.....	1
28 05 13 Conductors And Cables For Electronic Safety And Security.....	1
28 05 26 Grounding And Bonding For Electronic Safety And Security.....	3
28 05 28 Pathways For Electronic Safety And Security.....	3
28 05 53 Identification For Electronic Safety And Security.....	3
28 10 Electronic Access Control And Intrusion Detection.....	3
28 13 Access Control.....	3
28 20 Electronic Surveillance.....	9
28 23 Video Surveillance.....	9
28 26 Electronic Personal Protection Systems.....	43
28 30 Electronic Detection And Alarm.....	44
28 31 Fire Detection And Alarm.....	44
28 33 Gas Detection and Alarm.....	81
28 34 Fuel-Oil Detection and Alarm.....	82
31 Earthwork	1
31 05 Common Work Results For Earthwork.....	1
31 05 13 Soils For Earthwork.....	1
31 05 16 Aggregates For Earthwork.....	1
31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization.....	2
31 10 Site Clearing.....	2
31 11 Clearing And Grubbing.....	2
31 13 Selective Tree And Shrub Removal And Trimming.....	2
31 20 Earth Moving.....	4
31 23 Excavation And Fill.....	4

31 24 Embankments.....	8
31 25 Erosion And Sedimentation Controls	9
31 30 Earthwork Methods	12
31 31 Soil Treatment	12
31 32 Soil Stabilization	12
31 36 Gabions.....	15
31 37 Riprap.....	15
31 40 Shoring And Underpinning	15
31 41 Shoring.....	16
31 45 Vibroflotation And Densification	16
31 48 Underpinning.....	16
32 Exterior Improvements	1
32 01 Operation And Maintenance Of Exterior Improvements.....	1
32 01 11 Paving Cleaning.....	1
32 01 16 Flexible Paving Rehabilitation	1
32 01 17 Flexible Paving Repair	2
32 01 26 Rigid Paving Rehabilitation	4
32 01 90 Operation And Maintenance Of Planting	4
32 10 Bases, Ballasts, And Paving.....	7
32 11 Base Courses	7
32 12 Flexible Paving	8
32 13 Rigid Paving	13
32 14 Unit Paving.....	16
32 15 Aggregate Surfacing.....	19
32 16 Curbs, Gutters, Sidewalks, And Driveways	19
32 17 Paving Specialties	26
32 30 Site Improvements	37
32 31 Fences And Gates.....	37
32 32 Retaining Walls.....	83
32 33 Site Furnishings.....	89
32 39 Manufactured Site Specialties.....	96
32 80 Irrigation.....	98
32 84 Planting Irrigation.....	98
32 90 Planting.....	109
32 91 Planting Preparation	109
32 92 Turf And Grasses.....	112
32 93 Plants	115
32 94 Planting Accessories	146
32 96 Transplanting.....	149
33 Utilities	1
33 01 Operation And Maintenance Of Utilities.....	1
33 01 30 Operation And Maintenance Of Sewer Utilities.....	1
33 05 Common Work Results For Utilities.....	30
33 05 13 Manholes And Structures.....	30
33 05 16 Utility Structures.....	30
33 05 23 Trenchless Utility Installation.....	39
33 05 26 Utility Identification.....	41
33 10 Water Utilities.....	41
33 11 Water Utility Distribution Piping.....	41
33 12 Water Utility Distribution Equipment.....	89
33 13 Disinfecting of Water Utility Distribution.....	96
33 16 Water Utility Storage Tanks	97
33 20 Wells.....	97
33 21 Water Supply Wells	97
33 30 Sanitary Sewerage Utilities.....	98
33 31 Sanitary Utility Sewerage Piping.....	98
33 32 Wastewater Utility Pumping Stations	102
33 39 Sanitary Utility Sewerage Structures.....	102
33 40 Storm Drainage Utilities.....	106
33 41 Storm Utility Drainage Piping	106
33 42 Culverts	146
33 44 Storm Utility Water Drains.....	147
33 46 Subdrainage	159
33 50 Fuel Distribution Utilities.....	161
33 51 Natural-Gas Distribution.....	161

Table of Contents

33 56 Fuel-Storage Tanks	164
33 60 Hydronic And Steam Energy Utilities.....	164
33 61 Hydronic Energy Distribution.....	164
33 70 Electrical Utilities.....	183
33 71 Electrical Utility Transmission And Distribution.....	183
40 Process Interconnections	1
40 05 Common Work Results For Process Interconnections.....	1
40 05 23 Stainless Steel Process Pipe and Tubing.....	1
40 05 41 Glass Process Pipe	32

CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in March 2016.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.



The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's

compensation, unemployment insurance and employee benefits.

- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than

Using The Construction Task Catalog®

- 2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task.
- ☑ Unit prices for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
 - ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
 - ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
 - ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
 - ☑ Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).

- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The description "replace" includes the demolition of the existing item and the installation of the new item.
- ☑ The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- ☑ The description "reinstall" includes the cleaning and installation of the existing item.
- ☑ Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- ☑ Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
 - home office overhead
 - insurance, bonds, and indemnification
 - project meetings, training, management and supervision
 - mobilization and close-out for the contract and each Job Order and
 - project office staff and equipment.
- ☑ Profit.
- ☑ Subcontractor's overhead and profit.

- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- ☑ Sealing, windows, and openings with plastic to contain construction dust and debris within the work area.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

GENERAL COSTS:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the

Using The Construction Task Catalog®

Contractor's Adjustment Factor as defined in the Contract.

- ☑ The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor
---------------------------------	----------	--	----------	--

- ☑ No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

WORKING HEIGHT:

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

FIELD ENGINEERING:

- ☑ Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

ASSEMBLIES:

- ☑ Assembly unit prices take precedence over individual component pricing.

TESTING:

- ☑ Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

MISCELLANEOUS:

- ☑ For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- ☑ Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- ☑ Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage

tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

- ☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted

Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240

Using The Construction Task Catalog®

Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

BULK FACTORS FOR DEMOLITION:

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

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

$\pi = 3.14159$

United Inch

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

TRADEMARKS

- Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.



THIS PAGE INTENTIONALLY LEFT BLANK

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 General Requirements

01 20 Price And Payment Procedures⁽⁰¹⁾

01 22 Unit Prices^(01 20)

01 22 16 Unit Price Payment^(01 22)

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

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

01 22 16 00-0002	EA	Reimbursable Fees.....	1.00
<p>Note: Reimbursable Fees will be paid to the contractor for eligible costs. The base cost of the Reimbursable Fee is \$1.00. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee (e.g. quantity of 125 = \$125.00 Reimbursable Fee). If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warrantee, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.</p>			

01 22 20 Wage Rates^(01 22)

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

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

01 22 20 00-0002	HR	Asbestos Removal Worker	59.96
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.00
		<i>For Apprentice, Deduct</i>	-11.99
01 22 20 00-0003	HR	Insulator	84.33
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.22
		<i>For Apprentice, Deduct</i>	-16.87
01 22 20 00-0004	HR	Boilermaker.....	88.39
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.42
		<i>For Apprentice, Deduct</i>	-17.68
01 22 20 00-0005	HR	Brick Layer.....	76.29
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.81
		<i>For Apprentice, Deduct</i>	-15.26
01 22 20 00-0006	HR	Carpenter.....	78.49
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.92
		<i>For Apprentice, Deduct</i>	-15.70
01 22 20 00-0007	HR	Carpet, Linoleum	88.25
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.41
		<i>For Apprentice, Deduct</i>	-17.65
01 22 20 00-0008	HR	Cement Mason	66.28
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.31
		<i>For Apprentice, Deduct</i>	-13.26
01 22 20 00-0009	HR	Drywall Finisher	75.47
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.77
		<i>For Apprentice, Deduct</i>	-15.09
01 22 20 00-0010	HR	Electrician	85.68
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.28
		<i>For Apprentice, Deduct</i>	-17.14
01 22 20 00-0011	HR	Equipment Operator, Heavy (Crane)	81.62
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.08
		<i>For Apprentice, Deduct</i>	-16.32
01 22 20 00-0012	HR	Equipment Operator, Medium (Bulldozer)	76.84
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.84
		<i>For Apprentice, Deduct</i>	-15.37
01 22 20 00-0013	HR	Equipment Operator, Light (Backhoe, Bobcat)	71.92
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.60
		<i>For Apprentice, Deduct</i>	-14.38
01 22 20 00-0014	HR	Glazier	85.46
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.27
		<i>For Apprentice, Deduct</i>	-17.09
01 22 20 00-0015	HR	Laborer	69.78
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
01 22 20 00-0016	HR	Lather	76.47
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	3.82
		<i>For Apprentice, Deduct</i>	-15.29
01 22 20 00-0017	HR	Marble Setter.....	80.47
<p>Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.</p>			
		<i>For Supervising Foreman, Add</i>	4.02
		<i>For Apprentice, Deduct</i>	-16.09

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

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

01 22 20 00-0018	HR		Millwright.....	80.13	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.01	
			For Apprentice, Deduct	-16.03	
01 22 20 00-0019	HR		Mold Removal Worker	64.78	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.24	
			For Apprentice, Deduct	-12.96	
01 22 20 00-0020	HR		Painter,	73.01	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.65	
			For Apprentice, Deduct	-14.60	
01 22 20 00-0021	HR		Painter, Structural Steel.....	89.49	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.47	
			For Apprentice, Deduct	-17.90	
01 22 20 00-0022	HR		Paperhanger	74.34	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.72	
			For Apprentice, Deduct	-14.87	
01 22 20 00-0023	HR		Pile Drivers	91.74	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.59	
			For Apprentice, Deduct	-18.35	
01 22 20 00-0024	HR		Plasterer	70.32	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.52	
			For Apprentice, Deduct	-14.06	
01 22 20 00-0025	HR		Plumber	83.87	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.19	
			For Apprentice, Deduct	-16.77	
01 22 20 00-0026	HR		Powderman.....	62.93	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.15	
			For Apprentice, Deduct	-12.59	
01 22 20 00-0027	HR		Rodman (Reinforcing)/Ornamental Steel Worker.....	81.82	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.09	
			For Apprentice, Deduct	-16.36	
01 22 20 00-0028	HR		Roofer, Composite	73.08	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.65	
			For Apprentice, Deduct	-14.62	
01 22 20 00-0029	HR		Roofer, Metal	100.12	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0030	HR		Roofer, Tile/Slate.....	72.64	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.63	
			For Apprentice, Deduct	-14.53	
01 22 20 00-0031	HR		Sheet Metal Worker	89.48	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.47	
			For Apprentice, Deduct	-17.90	
01 22 20 00-0032	HR		Sprinkler Installer	63.99	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.20	
			For Apprentice, Deduct	-12.80	
01 22 20 00-0033	HR		Steam / Pipe Fitter	83.87	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.19	
			For Apprentice, Deduct	-16.77	
01 22 20 00-0034	HR		Stone Mason.....	76.29	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.81	
			For Apprentice, Deduct	-15.26	
01 22 20 00-0035	HR		Structural Steel Worker.....	86.45	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	4.32	
			For Apprentice, Deduct	-17.29	
01 22 20 00-0036	HR		Tile Layer.....	69.07	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.45	
			For Apprentice, Deduct	-13.81	
01 22 20 00-0037	HR		Terrazzo Worker	79.24	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.96	
			For Apprentice, Deduct	-15.85	
01 22 20 00-0038	HR		Truck Driver,	64.17	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			For Supervising Foreman, Add	3.21	
			For Apprentice, Deduct	-12.83	

01 22 20 00-0039 Rates For Services (01 22 20)

01 22 20 00-0040	HR		Watchman/Guard, Unarmed	16.78	
01 22 20 00-0041	HR		Watchman/Guard, Armed	24.64	
01 22 20 00-0042	HR		Investigating Engineer, Specialty Consultant, Or Designer.....	80.00	
			Note: For special investigating requirements or services outside required architectural, engineering services or designer		

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

01 22 20 00-0043	HR	Investigating Senior Engineer, Specialty Consultant, Or Designer 125.00 Note: For special investigating requirements or services outside required architectural, engineering services or designer	
01 22 20 00-0044	HR	Industrial Hygienist 127.82	
01 22 20 00-0045	HR	On-Site Certified Materials Testing Technician 57.00	
01 22 20 00-0046	HR	Certified Industrial Hygienist 125.30	
01 22 20 00-0047	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera) 0.56 Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.	
01 22 20 00-0048	HR	Locksmith 78.49 Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
01 22 20 00-0049		Rates For Traffic Control (01 22 20)	
01 22 20 00-0050	HR	Flagperson For Traffic Control 60.88	

01 22 23 Equipment Usage (01 22)

Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0001		Aerial Equipment (01 22 23)	
01 22 23 00-0002		Manlifts (01 22 23 00-0001) Note: Excludes operator, delivery, set-up, and removal.	
01 22 23 00-0003		Telescoping Boom Manlifts (01 22 23 00-0002)	
01 22 23 00-0004		Engine Powered, Telescoping Boom Manlifts (01 22 23 00-0003) Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.	
01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Manlift..... 443.64	
01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Manlift..... 1,116.26	
01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Manlift..... 2,504.42	
01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Manlift..... 651.15	
01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Manlift..... 1,552.74	
01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Manlift..... 3,398.86	
01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Manlift..... 1,266.52	
01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Manlift..... 3,069.71	
01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Manlift..... 6,439.95	
01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Manlift..... 1,803.19	
01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Manlift..... 4,341.96	
01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Manlift..... 10,819.12	
01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Manlift..... 2,196.74	
01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Manlift..... 5,602.76	
01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Manlift..... 12,736.79	
01 22 23 00-0020		Articulating (Up/Over) Boom Manlifts (01 22 23 00-0002)	
01 22 23 00-0021		Engine Powered, Articulating (Up/Over) Boom Manlifts (01 22 23 00-0020) Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.	
01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Manlift..... 324.69	
01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Manlift..... 814.68	
01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Manlift..... 1,959.96	
01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Manlift..... 413.24	
01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Manlift..... 903.24	
01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Manlift..... 2,242.15	
01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Manlift..... 531.32	
01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Manlift..... 1,227.93	
01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Manlift..... 2,745.13	
01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Manlift..... 926.85	
01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Manlift..... 2,184.30	
01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Manlift..... 5,311.97	
01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Manlift..... 1,800.57	
01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Manlift..... 4,250.52	
01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Manlift..... 10,390.16	
01 22 23 00-0037		Electric, Articulating (Up/Over) Boom Manlifts (01 22 23 00-0020) Note: For use on paved surfaces.	
01 22 23 00-0038	DAY	30' Electric, Articulating (Up/Over) Boom Manlift..... 324.69	
01 22 23 00-0039	WK	30' Electric, Articulating (Up/Over) Boom Manlift..... 814.68	
01 22 23 00-0040	MO	30' Electric, Articulating (Up/Over) Boom Manlift..... 1,959.96	
01 22 23 00-0041	DAY	35' Electric, Articulating (Up/Over) Boom Manlift..... 324.69	
01 22 23 00-0042	WK	35' Electric, Articulating (Up/Over) Boom Manlift..... 814.68	
01 22 23 00-0043	MO	35' Electric, Articulating (Up/Over) Boom Manlift..... 1,959.96	
01 22 23 00-0044	DAY	40' Electric, Articulating (Up/Over) Boom Manlift..... 401.44	
01 22 23 00-0045	WK	40' Electric, Articulating (Up/Over) Boom Manlift..... 867.81	
01 22 23 00-0046	MO	40' Electric, Articulating (Up/Over) Boom Manlift..... 2,154.78	
01 22 23 00-0047	DAY	45' Electric, Articulating (Up/Over) Boom Manlift..... 401.44	
01 22 23 00-0048	WK	45' Electric, Articulating (Up/Over) Boom Manlift..... 867.81	
01 22 23 00-0049	MO	45' Electric, Articulating (Up/Over) Boom Manlift..... 2,154.78	
01 22 23 00-0050		Platform Lifts (01 22 23 00-0001) Note: Excludes operator, delivery, set-up, and removal.	

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

01 22 23 00-0051	Electric, Scissor Platform Lifts <small>(01 22 23 00-0050)</small>				
Note: For use on paved surfaces.					
01 22 23 00-0052	DAY	17'	Electric, Scissor Platform Lift.....	151.25	
01 22 23 00-0053	WK	17'	Electric, Scissor Platform Lift.....	302.50	
01 22 23 00-0054	MO	17'	Electric, Scissor Platform Lift.....	618.75	
01 22 23 00-0055	DAY	20'	Electric, Scissor Platform Lift.....	165.00	
01 22 23 00-0056	WK	20'	Electric, Scissor Platform Lift.....	330.00	
01 22 23 00-0057	MO	20'	Electric, Scissor Platform Lift.....	660.00	
01 22 23 00-0058	DAY	25'	Electric, Scissor Platform Lift.....	213.12	
01 22 23 00-0059	WK	25'	Electric, Scissor Platform Lift.....	426.25	
01 22 23 00-0060	MO	25'	Electric, Scissor Platform Lift.....	914.38	
01 22 23 00-0061	DAY	30'	Electric, Scissor Platform Lift.....	275.00	
01 22 23 00-0062	WK	30'	Electric, Scissor Platform Lift.....	543.12	
01 22 23 00-0063	MO	30'	Electric, Scissor Platform Lift.....	1,203.12	
01 22 23 00-0064	DAY	33'	Electric, Scissor Platform Lift.....	295.62	
01 22 23 00-0065	WK	33'	Electric, Scissor Platform Lift.....	577.50	
01 22 23 00-0066	MO	33'	Electric, Scissor Platform Lift.....	1,306.25	
01 22 23 00-0067	DAY	40'	Electric, Scissor Platform Lift.....	385.00	
01 22 23 00-0068	WK	40'	Electric, Scissor Platform Lift.....	955.62	
01 22 23 00-0069	MO	40'	Electric, Scissor Platform Lift.....	2,660.62	

01 22 23 00-0070	Engine Powered, Scissor Platform Lifts <small>(01 22 23 00-0050)</small>				
Note: Diesel or dual fuel (gasoline or liquid propane gas). Two- or four-wheel drive. For use on unpaved or paved surfaces.					
01 22 23 00-0071	DAY	25'	Engine Powered, Scissor Platform Lift.....	309.38	
01 22 23 00-0072	WK	25'	Engine Powered, Scissor Platform Lift.....	605.00	
01 22 23 00-0073	MO	25'	Engine Powered, Scissor Platform Lift.....	1,478.12	
01 22 23 00-0074	DAY	33'	Engine Powered, Scissor Platform Lift.....	316.25	
01 22 23 00-0075	WK	33'	Engine Powered, Scissor Platform Lift.....	721.88	
01 22 23 00-0076	MO	33'	Engine Powered, Scissor Platform Lift.....	1,581.25	
01 22 23 00-0077	DAY	40'	Engine Powered, Scissor Platform Lift.....	350.62	
01 22 23 00-0078	WK	40'	Engine Powered, Scissor Platform Lift.....	804.38	
01 22 23 00-0079	MO	40'	Engine Powered, Scissor Platform Lift.....	1,787.50	
01 22 23 00-0080	DAY	43'	Engine Powered, Scissor Platform Lift.....	371.25	
01 22 23 00-0081	WK	43'	Engine Powered, Scissor Platform Lift.....	866.25	
01 22 23 00-0082	MO	43'	Engine Powered, Scissor Platform Lift.....	2,131.25	
01 22 23 00-0083	DAY	50'	Engine Powered, Scissor Platform Lift.....	694.38	
01 22 23 00-0084	WK	50'	Engine Powered, Scissor Platform Lift.....	1,526.25	
01 22 23 00-0085	MO	50'	Engine Powered, Scissor Platform Lift.....	3,753.75	

01 22 23 00-0086	Personnel Lifts <small>(01 22 23 00-0001)</small>				
Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.					
01 22 23 00-0087	DAY	24'	Push-Type, Electric Single Man Personnel Lift.....	150.57	
01 22 23 00-0088	WK	24'	Push-Type, Electric Single Man Personnel Lift.....	426.62	
01 22 23 00-0089	MO	24'	Push-Type, Electric Single Man Personnel Lift.....	861.60	
01 22 23 00-0090	DAY	30'	Push-Type, Electric Single Man Personnel Lift.....	209.12	
01 22 23 00-0091	WK	30'	Push-Type, Electric Single Man Personnel Lift.....	443.34	
01 22 23 00-0092	MO	30'	Push-Type, Electric Single Man Personnel Lift.....	869.96	
01 22 23 00-0093	DAY	36'	Push-Type, Electric Single Man Personnel Lift.....	351.33	
01 22 23 00-0094	WK	36'	Push-Type, Electric Single Man Personnel Lift.....	853.23	
01 22 23 00-0095	MO	36'	Push-Type, Electric Single Man Personnel Lift.....	2,492.77	
01 22 23 00-0096	DAY	40'	Push-Type, Electric Single Man Personnel Lift.....	376.42	
01 22 23 00-0097	WK	40'	Push-Type, Electric Single Man Personnel Lift.....	936.88	
01 22 23 00-0098	MO	40'	Push-Type, Electric Single Man Personnel Lift.....	2,819.00	
01 22 23 00-0099	DAY	15'	Self-Propelled, Electric Single Man Personnel Lift.....	200.76	
01 22 23 00-0100	WK	15'	Self-Propelled, Electric Single Man Personnel Lift.....	401.52	
01 22 23 00-0101	MO	15'	Self-Propelled, Electric Single Man Personnel Lift.....	803.04	
01 22 23 00-0102	DAY	20'	Self-Propelled, Electric Single Man Personnel Lift.....	200.76	
01 22 23 00-0103	WK	20'	Self-Propelled, Electric Single Man Personnel Lift.....	401.52	
01 22 23 00-0104	MO	20'	Self-Propelled, Electric Single Man Personnel Lift.....	834.83	

01 22 23 00-0105	Bucket Trucks <small>(01 22 23 00-0001)</small>				
Note: Includes full-time operator, delivery, and removal.					
01 22 23 00-0106	DAY	48'	Bucket Truck With Full-Time Operator.....	985.45	
			<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-0107	WK	48'	Bucket Truck With Full-Time Operator.....	4,257.54	
			<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-0108	MO	48'	Bucket Truck With Full-Time Operator.....	15,934.33	
			<i>For Equipment Without Operator, Deduct</i>	-11,134.67	

01 22 23 00-0109	Air Equipment <small>(01 22 23)</small>				
01 22 23 00-0110 <th colspan="3">Air Compressors <small>(01 22 23 00-0109)</small></th> <th></th> <th></th>	Air Compressors <small>(01 22 23 00-0109)</small>				
Note: Includes delivery, set-up, and removal. Excludes operator.					
01 22 23 00-0111	DAY	100 CFM	Diesel Powered Portable Air Compressor.....	167.01	
01 22 23 00-0112	WK	100 CFM	Diesel Powered Portable Air Compressor.....	501.03	
01 22 23 00-0113	MO	100 CFM	Diesel Powered Portable Air Compressor.....	1,391.75	
01 22 23 00-0114	DAY	130 CFM	Diesel Powered Portable Air Compressor.....	200.41	
01 22 23 00-0115	WK	130 CFM	Diesel Powered Portable Air Compressor.....	590.10	
01 22 23 00-0116	MO	130 CFM	Diesel Powered Portable Air Compressor.....	1,670.10	
01 22 23 00-0117	DAY	185 CFM	Diesel Powered Portable Air Compressor.....	267.22	
01 22 23 00-0118	WK	185 CFM	Diesel Powered Portable Air Compressor.....	601.24	

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

01 22 23 00-0119	MO	185 CFM Diesel Powered Portable Air Compressor.....	1,324.95
01 22 23 00-0120	DAY	375 CFM Diesel Powered Portable Air Compressor.....	378.56
01 22 23 00-0121	WK	375 CFM Diesel Powered Portable Air Compressor.....	957.52
01 22 23 00-0122	MO	375 CFM Diesel Powered Portable Air Compressor.....	2,282.47
01 22 23 00-0123	DAY	600 CFM Diesel Powered Portable Air Compressor.....	841.73
01 22 23 00-0124	WK	600 CFM Diesel Powered Portable Air Compressor.....	2,026.39
01 22 23 00-0125	MO	600 CFM Diesel Powered Portable Air Compressor.....	5,050.38
01 22 23 00-0126	DAY	750 CFM Diesel Powered Portable Air Compressor.....	1,013.19
01 22 23 00-0127	WK	750 CFM Diesel Powered Portable Air Compressor.....	2,494.02
01 22 23 00-0128	MO	750 CFM Diesel Powered Portable Air Compressor.....	6,123.70
01 22 23 00-0129	DAY	825 CFM Diesel Powered Portable Air Compressor.....	1,013.19
01 22 23 00-0130	WK	825 CFM Diesel Powered Portable Air Compressor.....	2,494.02
01 22 23 00-0131	MO	825 CFM Diesel Powered Portable Air Compressor.....	6,123.70
01 22 23 00-0132	DAY	1,300 CFM Diesel Powered Portable Air Compressor.....	1,180.20
01 22 23 00-0133	WK	1,300 CFM Diesel Powered Portable Air Compressor.....	2,645.44
01 22 23 00-0134	MO	1,300 CFM Diesel Powered Portable Air Compressor.....	7,054.50
01 22 23 00-0135	DAY	1,600 CFM Diesel Powered Portable Air Compressor.....	1,469.69
01 22 23 00-0136	WK	1,600 CFM Diesel Powered Portable Air Compressor.....	3,306.80
01 22 23 00-0137	MO	1,600 CFM Diesel Powered Portable Air Compressor.....	8,818.13

01 22 23 00-0138 Negative Air Machines (01 22 23 00-0109)

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

01 22 23 00-0139	DAY	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	56.00
01 22 23 00-0140	WK	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	230.00
01 22 23 00-0141	MO	Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And HEPA Filter.....	695.00
01 22 23 00-0142	EA	Replacement Prefilter, Dual Ply Polyester Pad For Negative Air Machine.....	17.39
01 22 23 00-0143	EA	Replacement HEPA Filter, 99.99% Efficient @ 0.3 Micron For Negative Air Machine.....	200.05
Note: For use on monthly rental units over three months			
01 22 23 00-0144	LF	Discharge Flexible Duct For Negative Air Machine.....	1.25
01 22 23 00-0145	EA	Move Negative Air Equipment And Discharge Duct.....	28.03

01 22 23 00-0146 Portable Air Scrubbers (01 22 23 00-0109)

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

01 22 23 00-0147	DAY	200 to 1,000 CFM Portable Air Scrubber.....	83.00
01 22 23 00-0148	WK	200 to 1,000 CFM Portable Air Scrubber.....	345.00
01 22 23 00-0149	MO	200 to 1,000 CFM Portable Air Scrubber.....	955.00
01 22 23 00-0150	DAY	>1,000 to 2,000 CFM Portable Air Scrubber.....	105.00
01 22 23 00-0151	WK	>1,000 to 2,000 CFM Portable Air Scrubber.....	435.00
01 22 23 00-0152	MO	>1,000 to 2,000 CFM Portable Air Scrubber.....	1,275.00

01 22 23 00-0153 Compaction And Paving Equipment (01 22 23)
01 22 23 00-0154 Pavers And Rollers (01 22 23 00-0153)

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

01 22 23 00-0155 Pavers (01 22 23 00-0154)

01 22 23 00-0156	DAY	10' Wide Paving Machine With Full-Time Operator.....	2,596.31
<i>For Equipment Without Operator, Deduct</i>			
			-614.74
01 22 23 00-0157	WK	10' Wide Paving Machine With Full-Time Operator.....	9,018.43
<i>For Equipment Without Operator, Deduct</i>			
			-3,073.71
01 22 23 00-0158	MO	10' Wide Paving Machine With Full-Time Operator.....	31,540.20
<i>For Equipment Without Operator, Deduct</i>			
			-13,248.74

01 22 23 00-0159 Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0154)

01 22 23 00-0160	DAY	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,029.76
<i>For Equipment Without Operator, Deduct</i>			
			-614.74
01 22 23 00-0161	WK	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	4,328.95
<i>For Equipment Without Operator, Deduct</i>			
			-3,073.71
01 22 23 00-0162	MO	10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	16,656.25
<i>For Equipment Without Operator, Deduct</i>			
			-13,248.74
01 22 23 00-0163	DAY	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,189.94
<i>For Equipment Without Operator, Deduct</i>			
			-614.74
01 22 23 00-0164	WK	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,520.13
<i>For Equipment Without Operator, Deduct</i>			
			-3,073.71
01 22 23 00-0165	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	18,454.66
<i>For Equipment Without Operator, Deduct</i>			
			-13,248.74
01 22 23 00-0166	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,197.22
<i>For Equipment Without Operator, Deduct</i>			
			-614.74
01 22 23 00-0167	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,046.86
<i>For Equipment Without Operator, Deduct</i>			
			-3,073.71
01 22 23 00-0168	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator.....	18,804.14
<i>For Equipment Without Operator, Deduct</i>			
			-13,248.74

01 22 23 00-0169 Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0154)

01 22 23 00-0170	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,095.29
<i>For Equipment Without Operator, Deduct</i>			
			-614.74
01 22 23 00-0171	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	4,406.13
<i>For Equipment Without Operator, Deduct</i>			
			-3,073.71
01 22 23 00-0172	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	17,100.39
<i>For Equipment Without Operator, Deduct</i>			
			-13,248.74
01 22 23 00-0173	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator.....	1,401.09
<i>For Equipment Without Operator, Deduct</i>			
			-614.74

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0174	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,025.02	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0175	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,051.70	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0176	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,473.90	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0177	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,483.72	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0178	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	20,333.15	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

01 22 23 00-0179 Towed, Padfoot Rollers (01 22 23 00-0154)

01 22 23 00-0180	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller	138.34	
01 22 23 00-0181	WK	48" Wide, 40" Diameter, Towed Padfoot Roller	400.46	
01 22 23 00-0182	MO	48" Wide, 40" Diameter, Towed Padfoot Roller	1,179.52	
01 22 23 00-0183	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller	174.74	
01 22 23 00-0184	WK	60" Wide, 60" Diameter, Towed Padfoot Roller	487.83	
01 22 23 00-0185	MO	60" Wide, 60" Diameter, Towed Padfoot Roller	2,075.08	

01 22 23 00-0186 Static Rollers (01 22 23 00-0154)

01 22 23 00-0187	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,131.69	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0188	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	4,719.22	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0189	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator	18,127.01	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0190	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,291.87	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0191	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	5,156.08	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0192	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator	19,335.66	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

01 22 23 00-0193 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0154)

01 22 23 00-0194	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	898.70	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0195	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	3,903.74	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0196	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	15,433.04	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0197	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,007.91	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0198	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,231.39	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0199	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,306.76	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0200	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,080.72	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0201	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,449.82	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0202	MO	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	16,889.24	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0203	DAY	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,175.38	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0204	WK	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	4,726.50	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0205	MO	8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	17,610.06	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0206	DAY	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,364.68	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0207	WK	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,279.85	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0208	MO	11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	19,073.54	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

01 22 23 00-0209 Steel Plates (01 22 23 00-0153)

Note: 3 day minimum.

01 22 23 00-0210	DAY	1" x 4' x 8' Steel Plate	18.75	
01 22 23 00-0211	WK	1" x 4' x 8' Steel Plate	44.27	
01 22 23 00-0212	MO	1" x 4' x 8' Steel Plate	58.26	
01 22 23 00-0213	DAY	1" x 4' x 10' Steel Plate	25.00	
01 22 23 00-0214	WK	1" x 4' x 10' Steel Plate	56.25	
01 22 23 00-0215	MO	1" x 4' x 10' Steel Plate	68.75	
01 22 23 00-0216	DAY	1" x 5' x 10' Steel Plate	26.04	
01 22 23 00-0217	WK	1" x 5' x 10' Steel Plate	58.85	
01 22 23 00-0218	MO	1" x 5' x 10' Steel Plate	156.24	
01 22 23 00-0219	DAY	1" x 6' x 8' Steel Plate	16.67	
01 22 23 00-0220	WK	1" x 6' x 8' Steel Plate	37.50	
01 22 23 00-0221	MO	1" x 6' x 8' Steel Plate	99.99	
01 22 23 00-0222	DAY	1" x 6' x 10' Steel Plate	31.25	
01 22 23 00-0223	WK	1" x 6' x 10' Steel Plate	41.14	
01 22 23 00-0224	MO	1" x 6' x 10' Steel Plate	109.89	
01 22 23 00-0225	DAY	1" x 6' x 12' Steel Plate	43.75	

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

01 22 23 00-0226	WK	1" x 6' x 12'	Steel Plate	.....	55.99	
01 22 23 00-0227	MO	1" x 6' x 12'	Steel Plate	.....	151.55	
01 22 23 00-0228	DAY	1" x 8' x 10'	Steel Plate	.....	27.60	
01 22 23 00-0229	WK	1" x 8' x 10'	Steel Plate	.....	61.98	
01 22 23 00-0230	MO	1" x 8' x 10'	Steel Plate	.....	165.09	
01 22 23 00-0231	DAY	1" x 8' x 12'	Steel Plate	.....	50.00	
01 22 23 00-0232	WK	1" x 8' x 12'	Steel Plate	.....	61.98	
01 22 23 00-0233	MO	1" x 8' x 12'	Steel Plate	.....	299.98	
01 22 23 00-0234	DAY	1" x 8' x 16'	Steel Plate	.....	66.66	
01 22 23 00-0235	WK	1" x 8' x 16'	Steel Plate	.....	149.99	
01 22 23 00-0236	MO	1" x 8' x 16'	Steel Plate	.....	399.97	
01 22 23 00-0237	LF		Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate.....		1.67	
01 22 23 00-0238	EA		Remove And Reset Trench Plate		22.55	

0.86

01 22 23 00-0239 Street Sweepers (01 22 23 00-0153)

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

01 22 23 00-0240	DAY	8'	Broom Sweeper With Full-Time Operator	.....	838.75	
			<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0241	WK	8'	Broom Sweeper With Full-Time Operator	.....	3,590.96	
			<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0242	MO	8'	Broom Sweeper With Full-Time Operator	.....	14,665.59	
			<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0243	DAY		Self-Propelled Street Sweeper With Hopper And Full-Time Operator	.....	1,026.70	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
			<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0244	WK		Self-Propelled Street Sweeper With Hopper And Full-Time Operator	.....	4,937.35	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
			<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0245	MO		Self-Propelled Street Sweeper With Hopper And Full-Time Operator	.....	20,225.66	
			Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.			
			<i>For Equipment Without Operator, Deduct</i>		-12,400.67	

01 22 23 00-0246 Earthmoving Equipment (01 22 23)
01 22 23 00-0247 Skid-Steer Loaders (Bobcat) (01 22 23 00-0246)

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

01 22 23 00-0248	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	878.49	
		<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0249	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	3,672.12	
		<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0250	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	14,315.65	
		<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0251	DAY	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	958.39	
		<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0252	WK	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	3,816.70	
		<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0253	MO	1,500 LB Capacity, 60" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	14,632.70	
		<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0254	DAY	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	981.21	
		<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0255	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	4,024.68	
		<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0256	MO	2,400 LB Capacity, 72" Wide, Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	15,184.37	
		<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0257	DAY	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	1,069.99	
		<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0258	WK	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	4,316.37	
		<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0259	MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	16,148.20	
		<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0260	DAY	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	1,222.17	
		<i>For Equipment Without Operator, Deduct</i>		-575.39	
01 22 23 00-0261	WK	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	4,893.40	
		<i>For Equipment Without Operator, Deduct</i>		-2,876.96	
01 22 23 00-0262	MO	3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader (Bobcat) With Full-Time Operator	.....	17,568.59	
		<i>For Equipment Without Operator, Deduct</i>		-12,400.67	
01 22 23 00-0263	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	.....	253.64	
01 22 23 00-0264	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	.....	843.35	
01 22 23 00-0265	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders	.....	2,244.71	
01 22 23 00-0266	DAY	Forklift Attachment For Skid-Steer Loaders	.....	54.53	
01 22 23 00-0267	WK	Forklift Attachment For Skid-Steer Loaders	.....	145.84	
01 22 23 00-0268	MO	Forklift Attachment For Skid-Steer Loaders	.....	412.16	
01 22 23 00-0269	DAY	Backhoe Attachment For Skid-Steer Loaders	.....	120.48	
01 22 23 00-0270	WK	Backhoe Attachment For Skid-Steer Loaders	.....	289.15	
01 22 23 00-0271	MO	Backhoe Attachment For Skid-Steer Loaders	.....	719.07	
01 22 23 00-0272	DAY	Broom Attachment For Skid-Steer Loaders	.....	119.21	
01 22 23 00-0273	WK	Broom Attachment For Skid-Steer Loaders	.....	323.39	
01 22 23 00-0274	MO	Broom Attachment For Skid-Steer Loaders	.....	856.04	
01 22 23 00-0275	DAY	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	.....	79.90	
01 22 23 00-0276	WK	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	.....	253.64	
01 22 23 00-0277	MO	9", 12", Or 16" Auger Attachment For Skid-Steer Loaders	.....	602.40	

01 22 23 00-0278 Bulldozers (01 22 23 00-0246)

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

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0279	DAY 70 HP, D3 Bulldozer With Full-Time Operator	999.31	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0280	WK 70 HP, D3 Bulldozer With Full-Time Operator	4,590.21	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0281	MO 70 HP, D3 Bulldozer With Full-Time Operator	17,747.46	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0282	DAY 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,180.71	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0283	WK 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	5,323.07	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0284	MO 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	19,996.82	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0285	DAY 140 HP, D6 Bulldozer With Full-Time Operator	1,695.88	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0286	WK 140 HP, D6 Bulldozer With Full-Time Operator	7,383.77	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0287	MO 140 HP, D6 Bulldozer With Full-Time Operator	26,164.42	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0288	DAY 200 HP, D7 Bulldozer With Full-Time Operator	2,153.01	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0289	WK 200 HP, D7 Bulldozer With Full-Time Operator	9,219.54	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0290	MO 200 HP, D7 Bulldozer With Full-Time Operator	31,678.98	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0291	DAY 335 HP, D8 Bulldozer With Full-Time Operator	2,697.21	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0292	WK 335 HP, D8 Bulldozer With Full-Time Operator	11,396.34	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0293	MO 335 HP, D8 Bulldozer With Full-Time Operator	38,209.38	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0294	DAY 460 HP, D9 Bulldozer With Full-Time Operator	3,001.96	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0295	WK 460 HP, D9 Bulldozer With Full-Time Operator	12,608.09	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0296	MO 460 HP, D9 Bulldozer With Full-Time Operator	41,837.38	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

01 22 23 00-0297 Hydraulic Excavators (01 22 23 00-0248)

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

01 22 23 00-0298	DAY 3/8 CY Hydraulic Excavator With Full-Time Operator	951.65	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0299	WK 3/8 CY Hydraulic Excavator With Full-Time Operator	4,265.36	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0300	MO 3/8 CY Hydraulic Excavator With Full-Time Operator	17,241.70	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0301	DAY 1/2 CY Hydraulic Excavator With Full-Time Operator	1,046.48	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0302	WK 1/2 CY Hydraulic Excavator With Full-Time Operator	4,683.37	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0303	MO 1/2 CY Hydraulic Excavator With Full-Time Operator	18,913.75	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0304	DAY 5/8 CY Hydraulic Excavator With Full-Time Operator	1,076.43	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0305	WK 5/8 CY Hydraulic Excavator With Full-Time Operator	4,839.35	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0306	MO 5/8 CY Hydraulic Excavator With Full-Time Operator	19,188.27	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0307	DAY 3/4 CY Hydraulic Excavator With Full-Time Operator	1,107.62	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0308	WK 3/4 CY Hydraulic Excavator With Full-Time Operator	4,982.84	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0309	MO 3/4 CY Hydraulic Excavator With Full-Time Operator	19,462.78	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0310	DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,132.58	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0311	WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	5,132.58	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0312	MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	19,737.30	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0313	DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,469.48	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0314	WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	6,473.97	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0315	MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	23,449.50	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0316	DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,519.40	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0317	WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	6,692.33	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0318	MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	24,104.60	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0319	DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	1,612.98	
	<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0320	WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	7,066.67	
	<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0321	MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	25,227.62	
	<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0322	DAY	2	To 2-3/8 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,719.04 -614.74	
01 22 23 00-0323	WK	2	To 2-3/8 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,484.68 -3,073.71	
01 22 23 00-0324	MO	2	To 2-3/8 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	26,475.42 -13,248.74	
01 22 23 00-0325	DAY	2-1/2	To 2-7/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,750.24 -614.74	
01 22 23 00-0326	WK	2-1/2	To 2-7/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,609.46 -3,073.71	
01 22 23 00-0327	MO	2-1/2	To 2-7/8 CY Hydraulic Excavator With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	26,849.76 -13,248.74	
01 22 23 00-0328	DAY	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,049.71 -614.74	
01 22 23 00-0329	WK	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	8,813.59 -3,073.71	
01 22 23 00-0330	MO	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	30,468.38 -13,248.74	
01 22 23 00-0331	DAY	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,480.20 -614.74	
01 22 23 00-0332	WK	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	10,523.08 -3,073.71	
01 22 23 00-0333	MO	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	35,584.36 -13,248.74	
01 22 23 00-0334	DAY		Thumbs Or Grapple Attachment For Hydraulic Excavators	87.35	
01 22 23 00-0335	WK		Thumbs Or Grapple Attachment For Hydraulic Excavators	336.91	
01 22 23 00-0336	MO		Thumbs Or Grapple Attachment For Hydraulic Excavators	998.24	
01 22 23 00-0337	DAY		1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	386.82	
01 22 23 00-0338	WK		1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,023.20	
01 22 23 00-0339	MO		1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,863.70	
01 22 23 00-0340	DAY		1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	598.94	
01 22 23 00-0341	WK		1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,528.56	
01 22 23 00-0342	MO		1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,974.24	
01 22 23 00-0343	DAY		3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	836.03	
01 22 23 00-0344	WK		3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,252.28	
01 22 23 00-0345	MO		3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	6,313.87	
01 22 23 00-0346	DAY		24" Compaction Wheel Attachment For Hydraulic Excavators	174.69	
01 22 23 00-0347	WK		24" Compaction Wheel Attachment For Hydraulic Excavators	698.77	
01 22 23 00-0348	MO		24" Compaction Wheel Attachment For Hydraulic Excavators	2,096.30	
01 22 23 00-0349	DAY		36" Compaction Wheel Attachment For Hydraulic Excavators	249.56	
01 22 23 00-0350	WK		36" Compaction Wheel Attachment For Hydraulic Excavators	998.24	
01 22 23 00-0351	MO		36" Compaction Wheel Attachment For Hydraulic Excavators	2,994.72	
01 22 23 00-0352	DAY		48" Compaction Wheel Attachment For Hydraulic Excavators	274.52	
01 22 23 00-0353	WK		48" Compaction Wheel Attachment For Hydraulic Excavators	1,085.59	
01 22 23 00-0354	MO		48" Compaction Wheel Attachment For Hydraulic Excavators	3,244.28	
01 22 23 00-0355			Mini-Excavators <small>(01 22 23 00-0246)</small> Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0356	DAY		2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	876.78	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0357	WK		2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	3,816.15	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0358	MO		2,000 LB Mini-Excavator With Full-Time Operator (Bobcat 316)	14,883.36	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0359	DAY		3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	883.02	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0360	WK		3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	3,834.87	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0361	MO		3,500 LB Mini-Excavator With Full-Time Operator (Bobcat 322 Or 323)	15,276.42	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0362	DAY		6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	914.21	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0363	WK		6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	3,922.21	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0364	MO		6,000 LB Mini-Excavator With Full-Time Operator (Bobcat 325 Or 328)	15,332.57	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0365	DAY		7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	926.69	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0366	WK		7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	3,965.89	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0367	MO		7,500 LB Mini-Excavator With Full-Time Operator (Bobcat 329, 331 Or 334)	15,357.52	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0368	DAY		9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	1,001.56	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0369	WK		9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	4,028.28	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0370	MO		9,500 LB Mini-Excavator With Full-Time Operator (Bobcat 335)	16,081.25	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0371	DAY		11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	1,007.80	
			<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0372	WK		11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	4,340.23	
			<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0373	MO		11,000 LB Mini-Excavator With Full-Time Operator (Bobcat 337)	16,112.44	
			<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0374		Loader-Backhoes With Standard Bucket <small>(01 22 23 00-0246)</small>	
Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0375	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	1,109.84
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0376	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	4,249.56
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0377	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	16,015.97
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0378	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	1,162.88
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0379	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	4,435.22
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0380	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	17,147.62
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0381	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	1,244.66
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0382	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	4,638.57
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0383	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	17,731.13
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0384	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	1,609.35
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0385	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	5,726.01
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0386	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	20,843.16
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74

01 22 23 00-0387		Heavy Duty Construction Loaders <small>(01 22 23 00-0246)</small>	
Note: Includes full-time operator. Excludes delivery, set-up, and removal.			
01 22 23 00-0388	DAY	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,102.14
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0389	WK	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,000.82
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0390	MO	2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	19,022.58
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0391	DAY	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,507.06
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0392	WK	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,443.24
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0393	MO	3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator.....	19,247.54
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0394	DAY	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,597.04
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0395	WK	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	5,683.19
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0396	MO	3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator.....	19,847.42
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0397	DAY	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,844.49
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0398	WK	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	11,322.06
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0399	MO	4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator.....	21,497.09
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0400	DAY	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	2,481.87
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0401	WK	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	10,527.22
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0402	MO	7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator.....	35,594.27
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74
01 22 23 00-0403	DAY	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	6,680.95
		<i>For Equipment Without Operator, Deduct</i>	-614.74
01 22 23 00-0404	WK	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	22,772.06
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71
01 22 23 00-0405	MO	13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator.....	66,932.08
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74

01 22 23 00-0406		Shoring <small>(01 22 23 00-0246)</small>	
Note: Includes delivery to job site and pick-up when complete.			
01 22 23 00-0407		Aluminum Hydraulic Shoring <small>(01 22 23 00-0406)</small>	
Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.			
01 22 23 00-0408	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	30.17
		Note: Up to 88" spread width.	
01 22 23 00-0409	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring.....	88.99
		Note: Up to 88" spread width.	
01 22 23 00-0410	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring.....	40.47
		Note: Up to 88" spread width.	
01 22 23 00-0411	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring.....	119.38
		Note: Up to 88" spread width.	
01 22 23 00-0412	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring.....	75.05
		Note: Up to 88" spread width.	
01 22 23 00-0413	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring.....	221.40
		Note: Up to 88" spread width.	
01 22 23 00-0414	EA	Set-up And Remove Aluminum Hydraulic Shores, 1 Cylinder.....	21.91
01 22 23 00-0415	EA	Set-up And Remove Aluminum Hydraulic Shores, 2 Cylinders.....	35.05
01 22 23 00-0416	EA	Set-up And Remove Aluminum Hydraulic Shores, 3 Cylinders.....	58.41

01 22 23 00-0417

Trench Boxes/Trench Shields (01 22 23 00-0246)

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

01 22 23 00-0418	WK	4' x 6' Trench Box With Up To 48" Spreaders.....	162.38
01 22 23 00-0419	MO	4' x 6' Trench Box With Up To 48" Spreaders.....	487.13
01 22 23 00-0420	WK	6' x 6' Trench Box With Up To 48" Spreaders.....	183.33
01 22 23 00-0421	MO	6' x 6' Trench Box With Up To 48" Spreaders.....	549.99
01 22 23 00-0422	WK	8' x 6' Trench Box With Up To 48" Spreaders.....	193.81
01 22 23 00-0423	MO	8' x 6' Trench Box With Up To 48" Spreaders.....	581.42
01 22 23 00-0424	WK	4' x 8' Trench Box With Up To 48" Spreaders.....	178.09
01 22 23 00-0425	MO	4' x 8' Trench Box With Up To 48" Spreaders.....	534.28
01 22 23 00-0426	WK	6' x 8' Trench Box With Up To 48" Spreaders.....	209.52
01 22 23 00-0427	MO	6' x 8' Trench Box With Up To 48" Spreaders.....	628.56
01 22 23 00-0428	WK	8' x 8' Trench Box With Up To 48" Spreaders.....	235.71
01 22 23 00-0429	MO	8' x 8' Trench Box With Up To 48" Spreaders.....	707.13
01 22 23 00-0430	WK	4' x 10' Trench Box With Up To 48" Spreaders.....	199.04
01 22 23 00-0431	MO	4' x 10' Trench Box With Up To 48" Spreaders.....	597.13
01 22 23 00-0432	WK	6' x 10' Trench Box With Up To 48" Spreaders.....	235.71
01 22 23 00-0433	MO	6' x 10' Trench Box With Up To 48" Spreaders.....	707.13
01 22 23 00-0434	WK	8' x 10' Trench Box With Up To 48" Spreaders.....	288.09
01 22 23 00-0435	MO	8' x 10' Trench Box With Up To 48" Spreaders.....	859.03
01 22 23 00-0436	WK	4' x 12' Trench Box With Up To 48" Spreaders.....	235.71
01 22 23 00-0437	MO	4' x 12' Trench Box With Up To 48" Spreaders.....	707.13
01 22 23 00-0438	WK	6' x 12' Trench Box With Up To 48" Spreaders.....	288.09
01 22 23 00-0439	MO	6' x 12' Trench Box With Up To 48" Spreaders.....	864.27
01 22 23 00-0440	WK	8' x 12' Trench Box With Up To 48" Spreaders.....	366.66
01 22 23 00-0441	MO	8' x 12' Trench Box With Up To 48" Spreaders.....	1,099.98
01 22 23 00-0442	WK	4' x 14' Trench Box With Up To 48" Spreaders.....	261.90
01 22 23 00-0443	MO	4' x 14' Trench Box With Up To 48" Spreaders.....	785.70
01 22 23 00-0444	WK	6' x 14' Trench Box With Up To 48" Spreaders.....	340.47
01 22 23 00-0445	MO	6' x 14' Trench Box With Up To 48" Spreaders.....	1,021.41
01 22 23 00-0446	WK	8' x 14' Trench Box With Up To 48" Spreaders.....	419.04
01 22 23 00-0447	MO	8' x 14' Trench Box With Up To 48" Spreaders.....	1,257.12
01 22 23 00-0448	WK	4' x 16' Trench Box With Up To 48" Spreaders.....	288.09
01 22 23 00-0449	MO	4' x 16' Trench Box With Up To 48" Spreaders.....	864.27
01 22 23 00-0450	WK	6' x 16' Trench Box With Up To 48" Spreaders.....	392.85
01 22 23 00-0451	MO	6' x 16' Trench Box With Up To 48" Spreaders.....	1,178.55
01 22 23 00-0452	WK	8' x 16' Trench Box With Up To 48" Spreaders.....	471.42
01 22 23 00-0453	MO	8' x 16' Trench Box With Up To 48" Spreaders.....	1,414.26
01 22 23 00-0454	WK	4' x 20' Trench Box With Up To 48" Spreaders.....	340.47
01 22 23 00-0455	MO	4' x 20' Trench Box With Up To 48" Spreaders.....	1,021.41
01 22 23 00-0456	WK	6' x 20' Trench Box With Up To 48" Spreaders.....	471.42
01 22 23 00-0457	MO	6' x 20' Trench Box With Up To 48" Spreaders.....	1,414.26
01 22 23 00-0458	WK	8' x 20' Trench Box With Up To 48" Spreaders.....	549.99
01 22 23 00-0459	MO	8' x 20' Trench Box With Up To 48" Spreaders.....	1,649.97
01 22 23 00-0460	WK	4' x 24' Trench Box With Up To 48" Spreaders.....	471.42
01 22 23 00-0461	MO	4' x 24' Trench Box With Up To 48" Spreaders.....	1,414.26
01 22 23 00-0462	WK	6' x 24' Trench Box With Up To 48" Spreaders.....	576.18
01 22 23 00-0463	MO	6' x 24' Trench Box With Up To 48" Spreaders.....	1,728.54
01 22 23 00-0464	WK	8' x 24' Trench Box With Up To 48" Spreaders.....	628.56
01 22 23 00-0465	MO	8' x 24' Trench Box With Up To 48" Spreaders.....	1,885.68
01 22 23 00-0466	WK	For Spreaders >48" To 84", Add.....	15.71
01 22 23 00-0467	MO	For Spreaders >48" To 84", Add.....	47.14
01 22 23 00-0468	WK	For Spreaders >84" To 120", Add.....	94.28
01 22 23 00-0469	MO	For Spreaders >84" To 120", Add.....	282.85
01 22 23 00-0470	WK	For Spreaders >120", Add.....	199.04
01 22 23 00-0471	MO	For Spreaders >120", Add.....	597.13
01 22 23 00-0472	WK	8' x 4' Manhole Box.....	247.50
01 22 23 00-0473	MO	8' x 4' Manhole Box.....	742.49
01 22 23 00-0474	WK	8' x 8' Manhole Box.....	353.57
01 22 23 00-0475	MO	8' x 8' Manhole Box.....	1,060.70

01 22 23 00-0476

Trenchers (01 22 23 00-0246)

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

01 22 23 00-0477	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	973.67
		<i>For Equipment Without Operator, Deduct</i>	<i>-614.74</i>
01 22 23 00-0478	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	4,296.31
		<i>For Equipment Without Operator, Deduct</i>	<i>-3,073.71</i>
01 22 23 00-0479	MO	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	16,613.69
		<i>For Equipment Without Operator, Deduct</i>	<i>-13,248.74</i>
01 22 23 00-0480	DAY	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,579.36
		<i>For Equipment Without Operator, Deduct</i>	<i>-614.74</i>
01 22 23 00-0481	WK	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	6,337.71
		<i>For Equipment Without Operator, Deduct</i>	<i>-3,073.71</i>
01 22 23 00-0482	MO	5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	22,221.94
		<i>For Equipment Without Operator, Deduct</i>	<i>-13,248.74</i>

01 22 23 00-0483

Heavy Equipment Mats (01 22 23 00-0246)

Note: Rental price per mat. Excludes mobilization and demobilization. See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

01 22 23 00-0484	Day	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	20.00
01 22 23 00-0485	WK	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	47.62

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0486	MO	14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	100.00	
01 22 23 00-0487	Day	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	21.00	
01 22 23 00-0488	WK	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	50.00	
01 22 23 00-0489	MO	16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat	105.00	
01 22 23 00-0490	Day	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	17.00	
01 22 23 00-0491	WK	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	40.00	
01 22 23 00-0492	MO	16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	85.00	
01 22 23 00-0493	Day	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	19.00	
01 22 23 00-0494	WK	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	45.00	
01 22 23 00-0495	MO	18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	95.00	
01 22 23 00-0496	Day	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	21.00	
01 22 23 00-0497	WK	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	50.00	
01 22 23 00-0498	MO	20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	105.00	
01 22 23 00-0499	Day	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	23.00	
01 22 23 00-0500	WK	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	54.76	
01 22 23 00-0501	MO	24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	115.00	
01 22 23 00-0502	Day	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	18.00	
01 22 23 00-0503	WK	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0504	MO	12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	90.00	
01 22 23 00-0505	Day	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	21.00	
01 22 23 00-0506	WK	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	50.00	
01 22 23 00-0507	MO	16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	105.00	
01 22 23 00-0508	Day	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	25.00	
01 22 23 00-0509	WK	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	55.00	
01 22 23 00-0510	MO	20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	125.00	
01 22 23 00-0511	Day	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	27.00	
01 22 23 00-0512	WK	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	64.29	
01 22 23 00-0513	MO	24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	135.00	
01 22 23 00-0514	Day	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.00	
01 22 23 00-0515	WK	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	69.05	
01 22 23 00-0516	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	145.00	
01 22 23 00-0517	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.00	
01 22 23 00-0518	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	71.43	
01 22 23 00-0519	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	150.00	
01 22 23 00-0520	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	9.62	
01 22 23 00-0521	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	24.05	
01 22 23 00-0522	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.15	
01 22 23 00-0523	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.50	
01 22 23 00-0524	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.75	
01 22 23 00-0525	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	86.25	
01 22 23 00-0526	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.13	
01 22 23 00-0527	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.83	
01 22 23 00-0528	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	98.50	
01 22 23 00-0529	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.00	
01 22 23 00-0530	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.00	
01 22 23 00-0531	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.00	
01 22 23 00-0532	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.00	
01 22 23 00-0533	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.00	
01 22 23 00-0534	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.00	
01 22 23 00-0535	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.39	
01 22 23 00-0536	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	45.97	
01 22 23 00-0537	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	137.90	
01 22 23 00-0538	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.15	
01 22 23 00-0539	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.37	
01 22 23 00-0540	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	106.10	
01 22 23 00-0541	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.15	
01 22 23 00-0542	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.88	
01 22 23 00-0543	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	143.65	
01 22 23 00-0544	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.56	
01 22 23 00-0545	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.40	
01 22 23 00-0546	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.20	
01 22 23 00-0547	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	27.62	
01 22 23 00-0548	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	69.05	
01 22 23 00-0549	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	207.14	
01 22 23 00-0550	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.44	
01 22 23 00-0551	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	73.60	
01 22 23 00-0552	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	220.80	

01 22 23 00-0553 Electrical Equipment (01 22 23)

01 22 23 00-0554 Tripod Mounted Floodlights (01 22 23 00-0553)

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

01 22 23 00-0555	DAY	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	59.56	
01 22 23 00-0556	WK	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	140.91	
01 22 23 00-0557	MO	500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	297.80	
01 22 23 00-0558	DAY	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	59.56	
01 22 23 00-0559	WK	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	174.32	
01 22 23 00-0560	MO	1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	515.71	
01 22 23 00-0561	DAY	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	66.82	
01 22 23 00-0562	WK	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	181.59	
01 22 23 00-0563	MO	2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	443.07	

01 22 23 00-0564 Trailer Mounted Floodlights (01 22 23 00-0553)

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

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

01 22 23 00-0565	DAY		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	167.06	
01 22 23 00-0566	WK		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	370.44	
01 22 23 00-0567	MO		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	798.98	

01 22 23 00-0568 Generator Sets (01 22 23 00-0553)
01 22 23 00-0569 Portable, Gas Or Diesel Powered Generator Sets (01 22 23 00-0568)

Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0570	DAY		3.6 KW, 8 HP Gas Powered Generator Set.....	42.79	
			<i>For LP Or NG Gas, Add</i>	5.35	
01 22 23 00-0571	WK		3.6 KW, 8 HP Gas Powered Generator Set.....	154.26	
			<i>For LP Or NG Gas, Add</i>	19.28	
01 22 23 00-0572	MO		3.6 KW, 8 HP Gas Powered Generator Set.....	427.94	
			<i>For LP Or NG Gas, Add</i>	53.49	
01 22 23 00-0573	DAY		5 KW, 11 HP Gas Powered Generator Set.....	60.71	
			<i>For LP Or NG Gas, Add</i>	7.59	
01 22 23 00-0574	WK		5 KW, 11 HP Gas Powered Generator Set.....	194.06	
			<i>For LP Or NG Gas, Add</i>	24.26	
01 22 23 00-0575	MO		5 KW, 11 HP Gas Powered Generator Set.....	442.86	
			<i>For LP Or NG Gas, Add</i>	55.36	
01 22 23 00-0576	DAY		6.5 KW, 13 HP Gas Powered Generator Set.....	77.63	
			<i>For LP Or NG Gas, Add</i>	9.70	
01 22 23 00-0577	WK		6.5 KW, 13 HP Gas Powered Generator Set.....	208.99	
			<i>For LP Or NG Gas, Add</i>	26.12	
01 22 23 00-0578	MO		6.5 KW, 13 HP Gas Powered Generator Set.....	577.22	
			<i>For LP Or NG Gas, Add</i>	72.15	
01 22 23 00-0579	DAY		10 KW, 18 HP Gas Powered Generator Set.....	86.58	
			<i>For LP Or NG Gas, Add</i>	10.82	
01 22 23 00-0580	WK		10 KW, 18 HP Gas Powered Generator Set.....	233.87	
			<i>For LP Or NG Gas, Add</i>	29.23	
01 22 23 00-0581	MO		10 KW, 18 HP Gas Powered Generator Set.....	671.76	
			<i>For LP Or NG Gas, Add</i>	83.97	

01 22 23 00-0582 Towable, Diesel Powered Generator Sets (01 22 23 00-0568)

Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0583	DAY		20 KW, 60 Hertz Diesel Powered Generator Set.....	178.14	
			Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		
01 22 23 00-0584	WK		20 KW, 60 Hertz Diesel Powered Generator Set.....	465.75	
			Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		
01 22 23 00-0585	MO		20 KW, 60 Hertz Diesel Powered Generator Set.....	1,268.88	
			Note: Fuel consumption: 100% load - 1.7 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 1.0 gallons per hour.		
01 22 23 00-0586	DAY		40.0 KW, 60 Hertz Diesel Powered Generator Set.....	198.45	
			Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		
01 22 23 00-0587	WK		40.0 KW, 60 Hertz Diesel Powered Generator Set.....	446.98	
			Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		
01 22 23 00-0588	MO		40.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,190.70	
			Note: Fuel consumption: 100% load - 3.1 gallons per hour, 75% load - 2.3 gallons per hour, 50% load - 1.7 gallons per hour.		
01 22 23 00-0589	DAY		70.0 KW, 60 Hertz Diesel Powered Generator Set.....	259.88	
			Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		
01 22 23 00-0590	WK		70.0 KW, 60 Hertz Diesel Powered Generator Set.....	582.75	
			Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		
01 22 23 00-0591	MO		70.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,618.31	
			Note: Fuel consumption: 100% load - 6.25 gallons per hour, 75% load - 10.0 gallons per hour, 50% load - 3.8 gallons per hour.		
01 22 23 00-0592	DAY		100.0 KW, 60 Hertz Diesel Powered Generator Set.....	326.81	
			Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		
01 22 23 00-0593	WK		100.0 KW, 60 Hertz Diesel Powered Generator Set.....	720.56	
			Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		
01 22 23 00-0594	MO		100.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,051.44	
			Note: Fuel consumption: 100% load - 7.9 gallons per hour, 75% load - 5.9 gallons per hour, 50% load - 4.2 gallons per hour.		
01 22 23 00-0595	DAY		120.0 KW, 60 Hertz Diesel Powered Generator Set.....	336.66	
			Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		
01 22 23 00-0596	WK		120.0 KW, 60 Hertz Diesel Powered Generator Set.....	775.69	
			Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		
01 22 23 00-0597	MO		120.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,390.06	
			Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		
01 22 23 00-0598	DAY		150.0 KW, 60 Hertz Diesel Powered Generator Set.....	346.50	
			Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0599	WK	150.0 KW, 60 Hertz Diesel Powered Generator Set.....	826.88	
		Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		
01 22 23 00-0600	MO	150.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,728.69	
		Note: Fuel consumption: 100% load - 10.7 gallons per hour, 75% load - 8.3 gallons per hour, 50% load - 6.5 gallons per hour.		
01 22 23 00-0601	DAY	175.0 KW, 60 Hertz Diesel Powered Generator Set.....	379.58	
		Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.		
01 22 23 00-0602	WK	175.0 KW, 60 Hertz Diesel Powered Generator Set.....	863.10	
		Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.		
01 22 23 00-0603	MO	175.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,866.50	
		Note: Fuel consumption: 100% load - 16.1 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.9 gallons per hour.		
01 22 23 00-0604	DAY	250.0 KW, 60 Hertz Diesel Powered Generator Set.....	472.50	
		Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.		
01 22 23 00-0605	WK	250.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,208.81	
		Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.		
01 22 23 00-0606	MO	250.0 KW, 60 Hertz Diesel Powered Generator Set.....	3,189.38	
		Note: Fuel consumption: 100% load - 19.4 gallons per hour, 75% load - 15.5 gallons per hour, 50% load - 11.6 gallons per hour.		
01 22 23 00-0607	DAY	300.0 KW, 60 Hertz Diesel Powered Generator Set.....	535.50	
		Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.		
01 22 23 00-0608	WK	300.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,299.38	
		Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.		
01 22 23 00-0609	MO	300.0 KW, 60 Hertz Diesel Powered Generator Set.....	3,543.75	
		Note: Fuel consumption: 100% load - 22.7 gallons per hour, 75% load - 17.6 gallons per hour, 50% load - 13.6 gallons per hour.		
01 22 23 00-0610	DAY	350.0 KW, 60 Hertz Diesel Powered Generator Set.....	756.00	
		Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.		
01 22 23 00-0611	WK	350.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,701.00	
		Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.		
01 22 23 00-0612	MO	350.0 KW, 60 Hertz Diesel Powered Generator Set.....	4,536.00	
		Note: Fuel consumption: 100% load - 29.1 gallons per hour, 75% load - 23.9 gallons per hour, 50% load - 18.3 gallons per hour.		
01 22 23 00-0613	DAY	400.0 KW, 60 Hertz Diesel Powered Generator Set.....	807.19	
		Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.		
01 22 23 00-0614	WK	400.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,953.00	
		Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.		
01 22 23 00-0615	MO	400.0 KW, 60 Hertz Diesel Powered Generator Set.....	5,709.38	
		Note: Fuel consumption: 100% load - 32.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 19.9 gallons per hour.		
01 22 23 00-0616	DAY	500.0 KW, 60 Hertz Diesel Powered Generator Set.....	900.90	
		Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.		
01 22 23 00-0617	WK	500.0 KW, 60 Hertz Diesel Powered Generator Set.....	2,047.50	
		Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.		
01 22 23 00-0618	MO	500.0 KW, 60 Hertz Diesel Powered Generator Set.....	6,142.50	
		Note: Fuel consumption: 100% load - 37.4 gallons per hour, 75% load - 28.5 gallons per hour, 50% load - 23.7 gallons per hour.		
01 22 23 00-0619	DAY	750.0 KW, 60 Hertz Diesel Powered Generator Set.....	1,260.00	
		Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.		
01 22 23 00-0620	WK	750.0 KW, 60 Hertz Diesel Powered Generator Set.....	3,150.00	
		Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.		
01 22 23 00-0621	MO	750.0 KW, 60 Hertz Diesel Powered Generator Set.....	9,450.00	
		Note: Fuel consumption: 100% load - 54.8 gallons per hour, 75% load - 40.9 gallons per hour, 50% load - 28.8 gallons per hour.		
01 22 23 00-0622	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	641.49	
01 22 23 00-0623	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,046.73	

01 22 23 00-0624 Cabling For Generator Sets (01 22 23 00-0568)

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

01 22 23 00-0625	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	17.32	
01 22 23 00-0626	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	30.32	
01 22 23 00-0627	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	90.96	
01 22 23 00-0628	DAY	50', 4/0 Cable With Camlock Ends For Generator Set.....	8.66	
01 22 23 00-0629	WK	50', 4/0 Cable With Camlock Ends For Generator Set.....	25.20	
01 22 23 00-0630	MO	50', 4/0 Cable With Camlock Ends For Generator Set.....	70.09	

01 22 23 00-0631 Resistive Loadbanks (01 22 23 00-0568)

Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.

01 22 23 00-0632	DAY	100 KW A/C Resistive Loadbank.....	375.52	
01 22 23 00-0633	WK	100 KW A/C Resistive Loadbank.....	926.82	
01 22 23 00-0634	MO	100 KW A/C Resistive Loadbank.....	2,772.48	

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

01 22 23 00-0635	DAY		650 KW A/C Resistive Loadbank.....	632.80	
01 22 23 00-0636	WK		650 KW A/C Resistive Loadbank.....	1,692.25	
01 22 23 00-0637	MO		650 KW A/C Resistive Loadbank.....	4,314.52	
01 22 23 00-0638			Sub-Distribution Panels (Spider Box) (01 22 23 00-0568) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0639	DAY		Sub-Distribution Panel (Spider Box)	42.52	
01 22 23 00-0640	WK		Sub-Distribution Panel (Spider Box)	110.25	
01 22 23 00-0641	MO		Sub-Distribution Panel (Spider Box)	311.06	
01 22 23 00-0642			Portable Distribution Panels (01 22 23 00-0568) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0643	DAY		200 Amp Spider Box Feeder Panel	94.50	
01 22 23 00-0644	WK		200 Amp Spider Box Feeder Panel	255.94	
01 22 23 00-0645	MO		200 Amp Spider Box Feeder Panel	716.62	
01 22 23 00-0646	DAY		100 Amp Quad Box Panel	77.18	
01 22 23 00-0647	WK		100 Amp Quad Box Panel	200.81	
01 22 23 00-0648	MO		100 Amp Quad Box Panel	570.94	
01 22 23 00-0649	DAY		200 Amp Quad Box Panel	98.44	
01 22 23 00-0650	WK		200 Amp Quad Box Panel	248.06	
01 22 23 00-0651	MO		200 Amp Quad Box Panel	673.31	
01 22 23 00-0652			Fuel Reimbursement For Generators (01 22 23 00-0568)		
01 22 23 00-0653	EA		Fuel Reimbursement For Generators	1.00	
			Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.		
01 22 23 00-0654			Welding Machines (01 22 23 00-0553) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0655			Diesel Powered Towable Welding Machines (01 22 23 00-0654) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0656	DAY		250 To 299 AMP, Diesel Powered Towable Welding Machine.....	103.28	
01 22 23 00-0657	WK		250 To 299 AMP, Diesel Powered Towable Welding Machine.....	252.45	
01 22 23 00-0658	MO		250 To 299 AMP, Diesel Powered Towable Welding Machine.....	602.44	
01 22 23 00-0659	DAY		300 To 349 AMP, Diesel Powered Towable Welding Machine.....	137.70	
01 22 23 00-0660	WK		300 To 349 AMP, Diesel Powered Towable Welding Machine.....	269.66	
01 22 23 00-0661	MO		300 To 349 AMP, Diesel Powered Towable Welding Machine.....	629.98	
01 22 23 00-0662	DAY		350 To 399 AMP, Diesel Powered Towable Welding Machine.....	143.44	
01 22 23 00-0663	WK		350 To 399 AMP, Diesel Powered Towable Welding Machine.....	286.88	
01 22 23 00-0664	MO		350 To 399 AMP, Diesel Powered Towable Welding Machine.....	699.98	
01 22 23 00-0665			CC/CV Inverter Welder (01 22 23 00-0654) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.		
01 22 23 00-0666	DAY		250 Amp CC Inverter Welder.....	32.13	
01 22 23 00-0667	WK		250 Amp CC Inverter Welder.....	70.00	
01 22 23 00-0668	MO		250 Amp CC Inverter Welder.....	212.29	
01 22 23 00-0669	DAY		300 Amp CC/CV Inverter Welder.....	36.72	
01 22 23 00-0670	WK		300 Amp CC/CV Inverter Welder.....	97.54	
01 22 23 00-0671	MO		300 Amp CC/CV Inverter Welder.....	258.19	
01 22 23 00-0672	DAY		350 Amp CC/CV Inverter Welder.....	37.87	
01 22 23 00-0673	WK		350 Amp CC/CV Inverter Welder.....	99.83	
01 22 23 00-0674	MON		350 Amp CC/CV Inverter Welder.....	281.14	
01 22 23 00-0675			MIG Welder (01 22 23 00-0654) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.		
01 22 23 00-0676	DAY		115 Volt MIG Welder	55.08	
01 22 23 00-0677	WK		115 Volt MIG Welder	143.44	
01 22 23 00-0678	MON		115 Volt MIG Welder	390.15	
01 22 23 00-0679			Space Heaters (01 22 23 00-0553) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0680	DAY		150,000 BTU/Hour Space Heater	46.52	
01 22 23 00-0681	WK		150,000 BTU/Hour Space Heater	133.74	
01 22 23 00-0682	MO		150,000 BTU/Hour Space Heater	377.98	
01 22 23 00-0683	DAY		500,000 BTU/Hour Space Heater	98.86	
01 22 23 00-0684	WK		500,000 BTU/Hour Space Heater	244.23	
01 22 23 00-0685	MO		500,000 BTU/Hour Space Heater	617.55	
01 22 23 00-0686			General Equipment (01 22 23)		
01 22 23 00-0687			Jacks And Bracing (01 22 23 00-0686) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0688			Manual Hydraulic Jacks (01 22 23 00-0687)		
01 22 23 00-0689	DAY		12 Ton Manual Hydraulic Bottle Jack	14.19	

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

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

01 22 23 00-0690	WK		12 Ton Manual Hydraulic Bottle Jack.....	36.90	
01 22 23 00-0691	MO		12 Ton Manual Hydraulic Bottle Jack.....	65.28	
01 22 23 00-0692	DAY		20 Ton Manual Hydraulic Bottle Jack.....	28.38	
01 22 23 00-0693	WK		20 Ton Manual Hydraulic Bottle Jack.....	79.48	
01 22 23 00-0694	MO		20 Ton Manual Hydraulic Bottle Jack.....	156.11	
01 22 23 00-0695	DAY		50 Ton Manual Hydraulic Bottle Jack.....	44.00	
01 22 23 00-0696	WK		50 Ton Manual Hydraulic Bottle Jack.....	109.28	
01 22 23 00-0697	MO		50 Ton Manual Hydraulic Bottle Jack.....	184.50	
01 22 23 00-0698	DAY		100 Ton Manual Hydraulic Bottle Jack.....	116.37	
01 22 23 00-0699	WK		100 Ton Manual Hydraulic Bottle Jack.....	279.58	
01 22 23 00-0700	MO		100 Ton Manual Hydraulic Bottle Jack.....	465.50	

01 22 23 00-0701 Manual Screw Jacks (01 22 23 00-0687)

01 22 23 00-0702	DAY		10 To 20 Ton Manual Screw Jack.....	13.67	
01 22 23 00-0703	WK		10 To 20 Ton Manual Screw Jack.....	36.81	
01 22 23 00-0704	MO		10 To 20 Ton Manual Screw Jack.....	102.01	

01 22 23 00-0705 Shores/Braces (01 22 23 00-0687)

01 22 23 00-0706	MO		Adjustable Tubular Steel Shoring, To 10'.....	8.43	
01 22 23 00-0707	MO		Adjustable Tubular Steel Shoring, To 16'.....	10.12	
01 22 23 00-0708	MO		Adjustable Wood Shoring, To 10'.....	4.05	
01 22 23 00-0709	MO		Adjustable Wood Shoring, To 16'.....	5.40	
01 22 23 00-0710	EA		Erect And Strip Shores To 10'.....	24.55	
01 22 23 00-0711	EA		Erect And Strip Shores To 13'.....	27.08	
01 22 23 00-0712	EA		Erect And Strip Shores To 16'.....	30.46	

01 22 23 00-0713 Pressure Washers (01 22 23 00-0686)

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

01 22 23 00-0714	DAY		2,000 PSI Pressure Washer With Full-Time Operator	692.98	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0715	WK		2,000 PSI Pressure Washer With Full-Time Operator	3,133.21	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0716	MO		2,000 PSI Pressure Washer With Full-Time Operator	12,901.59	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	
01 22 23 00-0717	DAY		2,500 PSI Pressure Washer With Full-Time Operator	692.98	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0718	WK		2,500 PSI Pressure Washer With Full-Time Operator	3,133.21	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0719	MO		2,500 PSI Pressure Washer With Full-Time Operator	12,901.59	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	
01 22 23 00-0720	DAY		3,000 PSI Pressure Washer With Full-Time Operator	692.98	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0721	WK		3,000 PSI Pressure Washer With Full-Time Operator	3,133.21	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0722	MO		3,000 PSI Pressure Washer With Full-Time Operator	12,901.59	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	
01 22 23 00-0723	DAY		3,500 PSI Pressure Washer With Full-Time Operator	703.34	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0724	WK		3,500 PSI Pressure Washer With Full-Time Operator	3,164.30	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0725	MO		3,500 PSI Pressure Washer With Full-Time Operator	12,984.50	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	
01 22 23 00-0726	DAY		4,000 PSI Pressure Washer With Full-Time Operator	744.80	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0727	WK		4,000 PSI Pressure Washer With Full-Time Operator	3,299.04	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0728	MO		4,000 PSI Pressure Washer With Full-Time Operator	13,450.91	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	
01 22 23 00-0729	DAY		5,000 PSI Pressure Washer With Full-Time Operator	765.53	
			<i>For Equipment Without Operator, Deduct</i>	-558.24	
01 22 23 00-0730	WK		5,000 PSI Pressure Washer With Full-Time Operator	3,350.86	
			<i>For Equipment Without Operator, Deduct</i>	-2,791.18	
01 22 23 00-0731	MO		5,000 PSI Pressure Washer With Full-Time Operator	13,606.37	
			<i>For Equipment Without Operator, Deduct</i>	-12,030.97	

01 22 23 00-0732 Confined Space Entry Equipment (01 22 23 00-0686)

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

01 22 23 00-0733	DAY		Ventilation Equipment For Confined Space	47.47	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0734	WK		Ventilation Equipment For Confined Space	142.42	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0735	MO		Ventilation Equipment For Confined Space	424.99	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0736	DAY		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	31.98	
01 22 23 00-0737	WK		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	95.95	
01 22 23 00-0738	MO		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	287.85	
01 22 23 00-0739	DAY		Confined Space Air Monitor Personnel	575.39	
			Note: Per person day.		

01 22 23 00-0740 Material Handling Equipment (01 22 23)

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

01 22 23 00-0741 Truck Mounted Hydraulic Cranes <small>(01 22 23 00-0740)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0742 DAY 6 Ton Lift Hydraulic Crane With Full-Time Operator	1,023.08	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0743 WK 6 Ton Lift Hydraulic Crane With Full-Time Operator	4,310.74	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0744 MO 6 Ton Lift Hydraulic Crane With Full-Time Operator	16,971.84	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0745 DAY 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	1,131.17	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0746 WK 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	4,632.01	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0747 MO 8 To 9 Ton Lift Hydraulic Crane With Full-Time Operator	17,932.64	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0748 DAY 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	1,239.26	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0749 WK 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	4,953.27	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0750 MO 14 To 15 Ton Lift Hydraulic Crane With Full-Time Operator	18,893.44	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0751 DAY 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	1,383.38	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0752 WK 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	5,385.63	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0753 MO 20 To 25 Ton Lift Hydraulic Crane With Full-Time Operator	20,184.52	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0754 DAY 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	1,515.49	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0755 WK 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	6,280.38	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0756 MO 30 To 35 Ton Lift Hydraulic Crane With Full-Time Operator	22,866.35	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0757 DAY 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	1,827.75	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0758 WK 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	7,397.31	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0759 MO 40 To 45 Ton Lift Hydraulic Crane With Full-Time Operator	26,219.54	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0760 DAY 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	2,025.92	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0761 WK 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	8,093.89	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0762 MO 50 To 55 Ton Lift Hydraulic Crane With Full-Time Operator	28,314.08	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0763 DAY 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	2,182.04	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0764 WK 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	8,658.36	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0765 MO 60 To 65 Ton Lift Hydraulic Crane With Full-Time Operator	30,005.09	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0766 DAY 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	2,338.18	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0767 WK 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	9,222.83	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0768 MO 70 To 75 Ton Lift Hydraulic Crane With Full-Time Operator	31,696.10	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0769 DAY 90 Ton Lift Hydraulic Crane With Full-Time Operator	2,440.26	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0770 WK 90 Ton Lift Hydraulic Crane With Full-Time Operator	9,571.12	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0771 MO 90 Ton Lift Hydraulic Crane With Full-Time Operator	32,752.98	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0772 DAY 100 Ton Lift Hydraulic Crane With Full-Time Operator	2,578.38	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0773 WK 100 Ton Lift Hydraulic Crane With Full-Time Operator	10,087.55	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0774 MO 100 Ton Lift Hydraulic Crane With Full-Time Operator	34,290.26	
For Equipment Without Operator, Deduct	-13,248.74	

01 22 23 00-0775 Cranes, Mechanical, Cable Controlled Lattice Boom, Truck Mounted <small>(01 22 23 00-0740)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0776 DAY 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	2,055.94	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0777 WK 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	8,213.99	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0778 MO 75 To 80 Ton Lift Mechanical Crane With Full-Time Operator	28,669.58	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0779 DAY 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	3,166.86	
For Equipment Without Operator, Deduct	-614.74	
01 22 23 00-0780 WK 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	10,063.53	
For Equipment Without Operator, Deduct	-3,073.71	
01 22 23 00-0781 MO 100 To 110 Ton Lift Mechanical Crane With Full-Time Operator	34,218.20	
For Equipment Without Operator, Deduct	-13,248.74	
01 22 23 00-0782 DAY 125 Ton Lift Mechanical Crane With Full-Time Operator	3,347.02	
For Equipment Without Operator, Deduct	-614.74	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0783	WK	125 Ton Lift Mechanical Crane With Full-Time Operator	11,378.63	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0784	MO	125 Ton Lift Mechanical Crane With Full-Time Operator	38,162.28	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0785	DAY	150 Ton Lift Mechanical Crane With Full-Time Operator	3,707.32	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0786	WK	150 Ton Lift Mechanical Crane With Full-Time Operator	12,693.72	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0787	MO	150 Ton Lift Mechanical Crane With Full-Time Operator	42,101.56	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0788	DAY	250 Ton Lift Mechanical Crane With Full-Time Operator	4,049.60	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0789	WK	250 Ton Lift Mechanical Crane With Full-Time Operator	15,323.91	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0790	MO	250 Ton Lift Mechanical Crane With Full-Time Operator	49,999.34	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0791	DAY	300 Ton Lift Mechanical Crane With Full-Time Operator	4,614.07	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0792	WK	300 Ton Lift Mechanical Crane With Full-Time Operator	17,347.59	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0793	MO	300 Ton Lift Mechanical Crane With Full-Time Operator	56,061.99	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	
01 22 23 00-0794	DAY	500 Ton Lift Mechanical Crane With Full-Time Operator	8,084.96	
		<i>For Equipment Without Operator, Deduct</i>	-614.74	
01 22 23 00-0795	WK	500 Ton Lift Mechanical Crane With Full-Time Operator	29,717.89	
		<i>For Equipment Without Operator, Deduct</i>	-3,073.71	
01 22 23 00-0796	MO	500 Ton Lift Mechanical Crane With Full-Time Operator	93,187.30	
		<i>For Equipment Without Operator, Deduct</i>	-13,248.74	

01 22 23 00-0797 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0740)

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

01 22 23 00-0798	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,101.31	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
01 22 23 00-0799	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,164.08	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
01 22 23 00-0800	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	15,168.67	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
01 22 23 00-0801	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,156.67	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
01 22 23 00-0802	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,288.64	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
01 22 23 00-0803	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	15,445.47	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
01 22 23 00-0804	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,142.83	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
01 22 23 00-0805	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,350.92	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
01 22 23 00-0806	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	15,860.67	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
01 22 23 00-0807	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	1,301.99	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
01 22 23 00-0808	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	4,766.12	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
01 22 23 00-0809	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	16,829.47	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	

01 22 23 00-0810 Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0740)

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

01 22 23 00-0811	DAY	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	917.24	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	68.37	
01 22 23 00-0812	WK	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,810.47	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	186.70	
01 22 23 00-0813	MO	5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	14,537.22	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	427.31	
01 22 23 00-0814	DAY	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	935.23	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	71.97	
01 22 23 00-0815	WK	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	3,859.60	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	196.53	
01 22 23 00-0816	MO	6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	14,649.67	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	449.80	
01 22 23 00-0817	DAY	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	1,032.11	
		<i>For Equipment Without Operator, Deduct</i>	-575.39	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	91.34	
01 22 23 00-0818	WK	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	4,129.48	
		<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	250.50	
01 22 23 00-0819	MO	8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator	15,272.47	
		<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	574.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0820 DAY 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,085.46	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	102.01	
01 22 23 00-0821 WK 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	4,106.37	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	245.88	
01 22 23 00-0822 MO 10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	15,461.11	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	612.09	
01 22 23 00-0823 Straight Mast, Industrial Warehouse Forklifts <small>(01 22 23 00-0740)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0824 DAY 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	866.03	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	58.13	
01 22 23 00-0825 WK 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	3,541.28	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	132.86	
01 22 23 00-0826 MO 5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	13,992.27	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	318.32	
01 22 23 00-0827 DAY 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	872.95	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	59.51	
01 22 23 00-0828 WK 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	3,562.04	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	137.02	
01 22 23 00-0829 MO 6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	14,040.71	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	328.01	
01 22 23 00-0830 DAY 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,018.27	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	88.58	
01 22 23 00-0831 WK 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	3,880.36	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	200.68	
01 22 23 00-0832 MO 8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	14,822.67	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	484.40	
01 22 23 00-0833 DAY 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,032.11	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	91.34	
01 22 23 00-0834 WK 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	3,998.00	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	224.21	
01 22 23 00-0835 MO 12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	15,237.87	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	567.44	
01 22 23 00-0836 DAY 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,156.67	
<i>For Equipment Without Operator, Deduct</i>	-575.39	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	116.26	
01 22 23 00-0837 WK 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	4,198.68	
<i>For Equipment Without Operator, Deduct</i>	-2,876.96	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	264.34	
01 22 23 00-0838 MO 15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	15,583.87	
<i>For Equipment Without Operator, Deduct</i>	-12,400.67	
<i>For Propane Instead Of Gas Or Diesel, Add</i>	636.64	
01 22 23 00-0839 Tower Cranes <small>(01 22 23 00-0740)</small>		
01 22 23 00-0840 MO PC14000SK Tower Crane With 18' Jib Height.....	5,764.80	
Note: 205'-7" maximum free standing reach, 148' maximum reach, 22,000 LB capacity at 52' hook reach, 4,620 LB capacity at 148' hook reach.		
01 22 23 00-0841 MO SK 135-2 Tower Crane With 18' Jib Height.....	7,686.40	
Note: 219'-7" maximum free standing reach, 170' maximum reach, 17,600 LB capacity at 59' hook reach, 4,800 LB capacity at 170' hook reach.		
01 22 23 00-0842 Chain Hoists <small>(01 22 23 00-0740)</small>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0843 DAY 1 Ton, 20' Lift, Manual Chain Hoist.....	14.19	
01 22 23 00-0844 WK 1 Ton, 20' Lift, Manual Chain Hoist.....	38.32	
01 22 23 00-0845 MO 1 Ton, 20' Lift, Manual Chain Hoist.....	96.51	
01 22 23 00-0846 DAY 3 Ton, 20' Lift, Manual Chain Hoist.....	31.22	
01 22 23 00-0847 WK 3 Ton, 20' Lift, Manual Chain Hoist.....	75.22	
01 22 23 00-0848 MO 3 Ton, 20' Lift, Manual Chain Hoist.....	187.33	
01 22 23 00-0849 DAY 5 Ton, 20' Lift, Manual Chain Hoist.....	45.41	
01 22 23 00-0850 WK 5 Ton, 20' Lift, Manual Chain Hoist.....	109.28	
01 22 23 00-0851 MO 5 Ton, 20' Lift, Manual Chain Hoist.....	272.49	
01 22 23 00-0852 DAY 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	90.83	
01 22 23 00-0853 WK 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	218.56	
01 22 23 00-0854 MO 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	544.97	
01 22 23 00-0855 DAY 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	102.18	
01 22 23 00-0856 WK 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	246.94	
01 22 23 00-0857 MO 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	613.09	
01 22 23 00-0858 DAY 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	127.73	
01 22 23 00-0859 WK 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	307.97	

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

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

01 22 23 00-0860	MO		5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	766.37	
------------------	----	--	---	--------	--

01 22 23 00-0861 Pumping Equipment (01 22 23)
01 22 23 00-0862 Gas Powered Portable Centrifugal Pumps (01 22 23 00-0861)

Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0886 for larger diameter pumps.

01 22 23 00-0863	DAY		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	57.32	
01 22 23 00-0864	WK		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	128.96	
01 22 23 00-0865	MO		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump.....	343.90	
01 22 23 00-0866	DAY		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	68.78	
01 22 23 00-0867	WK		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	154.75	
01 22 23 00-0868	MO		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump.....	412.68	

01 22 23 00-0869 Gas Powered Portable Diaphragm Pumps (01 22 23 00-0861)

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

01 22 23 00-0870	DAY		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	65.91	
01 22 23 00-0871	WK		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	186.28	
01 22 23 00-0872	MO		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	472.86	
01 22 23 00-0873	DAY		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	80.24	
01 22 23 00-0874	WK		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	214.94	
01 22 23 00-0875	MO		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump.....	608.98	

01 22 23 00-0876 Gas Powered Portable Trash Pumps (01 22 23 00-0861)

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

01 22 23 00-0877	DAY		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	83.11	
01 22 23 00-0878	WK		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	171.95	
01 22 23 00-0879	MO		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	515.84	
01 22 23 00-0880	DAY		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	83.11	
01 22 23 00-0881	WK		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	222.10	
01 22 23 00-0882	MO		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	608.98	
01 22 23 00-0883	DAY		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	131.83	
01 22 23 00-0884	WK		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	372.55	
01 22 23 00-0885	MO		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,081.84	

01 22 23 00-0886 Diesel Powered Portable Trash Pumps (01 22 23 00-0861)

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

01 22 23 00-0887	DAY		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	257.92	
01 22 23 00-0888	WK		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	702.12	
01 22 23 00-0889	MO		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump.....	3,059.24	
01 22 23 00-0890	DAY		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	394.05	
01 22 23 00-0891	WK		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	1,031.69	
01 22 23 00-0892	MO		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	2,744.00	
01 22 23 00-0893	DAY		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	535.90	
01 22 23 00-0894	WK		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	1,434.33	
01 22 23 00-0895	MO		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump.....	3,837.31	
01 22 23 00-0896	DAY		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	693.52	
01 22 23 00-0897	WK		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	1,771.06	
01 22 23 00-0898	MO		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump.....	5,201.43	

01 22 23 00-0899 Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-0861)

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

01 22 23 00-0900	DAY		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	368.26	
01 22 23 00-0901	WK		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	838.25	
01 22 23 00-0902	MO		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,613.61	
01 22 23 00-0903	DAY		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	451.36	
01 22 23 00-0904	WK		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,124.83	
01 22 23 00-0905	MO		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,059.24	
01 22 23 00-0906	DAY		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	544.50	
01 22 23 00-0907	WK		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,610.58	
01 22 23 00-0908	MO		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	4,492.14	
01 22 23 00-0909	DAY		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	819.62	
01 22 23 00-0910	WK		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	2,093.47	
01 22 23 00-0911	MO		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	6,147.14	

01 22 23 00-0912 3 Phase Electric Submersible Pumps (01 22 23 00-0861)

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

01 22 23 00-0913	DAY		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	143.29	
01 22 23 00-0914	WK		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	358.22	
01 22 23 00-0915	MO		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump.....	1,074.68	
01 22 23 00-0916	DAY		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump.....	189.14	
01 22 23 00-0917	WK		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump.....	472.86	
01 22 23 00-0918	MO		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump.....	1,418.57	

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

01 22 23 00-0919 Hydraulic Submersible Pumps (01 22 23 00-0861)
Note: Includes delivery, set-up, and removal. Excludes operator.

01 22 23 00-0920	DAY		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	94.57	
01 22 23 00-0921	WK		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	253.62	
01 22 23 00-0922	MO		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	709.29	
01 22 23 00-0923	DAY		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	120.36	
01 22 23 00-0924	WK		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	309.51	
01 22 23 00-0925	MO		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	945.71	

01 22 23 00-0926 Suction Hose With Couplings (01 22 23 00-0861)
Note: Includes delivery, set-up, and removal.

01 22 23 00-0927	DAY		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	9.89	
01 22 23 00-0928	WK		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.72	
01 22 23 00-0929	MO		1-1/2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	60.97	
01 22 23 00-0930	DAY		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	11.53	
01 22 23 00-0931	WK		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	26.37	
01 22 23 00-0932	MO		2" Inside Diameter, 20' Length, Suction Hose With Couplings.....	64.27	
01 22 23 00-0933	DAY		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.72	
01 22 23 00-0934	WK		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	54.38	
01 22 23 00-0935	MO		3" Inside Diameter, 20' Length, Suction Hose With Couplings.....	146.66	
01 22 23 00-0936	DAY		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	31.31	
01 22 23 00-0937	WK		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	70.86	
01 22 23 00-0938	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	189.50	
01 22 23 00-0939	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	41.20	
01 22 23 00-0940	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	95.57	
01 22 23 00-0941	MO		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	215.87	

01 22 23 00-0942 Discharge Hose With Couplings (01 22 23 00-0861)
Note: Includes delivery, set-up, and removal.

01 22 23 00-0943	DAY		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	14.33	
01 22 23 00-0944	WK		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	30.09	
01 22 23 00-0945	MO		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	64.48	
01 22 23 00-0946	DAY		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	22.93	
01 22 23 00-0947	WK		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	32.96	
01 22 23 00-0948	MO		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	68.78	
01 22 23 00-0949	DAY		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	22.93	
01 22 23 00-0950	WK		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	45.85	
01 22 23 00-0951	MO		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	90.27	
01 22 23 00-0952	DAY		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	31.52	
01 22 23 00-0953	WK		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	63.11	
01 22 23 00-0954	MO		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	126.22	
01 22 23 00-0955	DAY		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	63.05	
01 22 23 00-0956	WK		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	126.96	
01 22 23 00-0957	MO		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	272.25	

01 22 23 00-0958 Temporary Building Services (01 22 23)

01 22 23 00-0959 Boilers (01 22 23 00-0958)
Note: Excludes operator, delivery, set-up, and removal.

01 22 23 00-0960 Electric Boilers (01 22 23 00-0959)

01 22 23 00-0961	MO		40 MBH, 12 KW Electric Boiler Rental.....	1,381.82	
01 22 23 00-0962	MO		60 MBH, 20 KW Electric Boiler Rental.....	1,507.46	
01 22 23 00-0963	MO		95 MBH, 30 KW Electric Boiler Rental.....	1,570.28	
01 22 23 00-0964	MO		135 MBH, 40 KW Electric Boiler Rental.....	1,758.68	
01 22 23 00-0965	MO		165 MBH, 50 KW Electric Boiler Rental.....	2,449.59	
01 22 23 00-0966	MO		215 MBH, 60 KW Electric Boiler Rental.....	2,826.46	
01 22 23 00-0967	MO		365 MBH, 100 KW Electric Boiler Rental.....	3,705.83	
01 22 23 00-0968	MO		510 MBH, 150 KW Electric Boiler Rental.....	4,522.37	

01 22 23 00-0969 Oil/Gas Fired Boilers (01 22 23 00-0959)

01 22 23 00-0970	MO		Up To 100 HP Gas/Oil Dual Fuel Boiler Rental.....	5,000.00	
			For >3 Months Rental, Deduct.....	-750.00	
01 22 23 00-0971	MO		>100 HP To 250 HP Gas/Oil Dual Fuel Boiler Rental.....	6,500.00	
			For >3 Months Rental, Deduct.....	-975.00	
01 22 23 00-0972	MO		>250 HP To 500 HP Gas/Oil Dual Fuel Boiler Rental.....	10,500.00	
			For >3 Months Rental, Deduct.....	-1,575.00	
01 22 23 00-0973	MO		>500 HP To 800 HP Gas/Oil Dual Fuel Boiler Rental.....	14,500.00	
			For >3 Months Rental, Deduct.....	-2,175.00	

01 22 23 00-0974 Oil Fired Boilers (01 22 23 00-0959)

01 22 23 00-0975	MO		250 HP Oil Fired Boiler Rental.....	3,880.85	
01 22 23 00-0976	MO		350 HP Oil Fired Boiler Rental.....	5,174.47	
01 22 23 00-0977	MO		500 HP Oil Fired Boiler Rental.....	6,468.09	
01 22 23 00-0978	MO		600 HP Oil Fired Boiler Rental.....	7,114.89	

01 22 23 00-0979 Boilers Setup (01 22 23 00-0959)

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-0980	EA	Setup Rental Boiler.....	3,873.02	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-0981		Chillers (01 22 23 00-0958)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0982		Air Cooled Chillers (01 22 23 00-0981)		
01 22 23 00-0983	MO	25 Ton Air Cooled Chiller Rental.....	2,357.06	
		For >3 To 6 Month Rental, Deduct	-353.56	
		For >6 Month Rental, Deduct	-589.27	
01 22 23 00-0984	MO	40 Ton Air Cooled Chiller Rental.....	3,771.31	
		For >3 To 6 Month Rental, Deduct	-565.70	
		For >6 Month Rental, Deduct	-942.83	
01 22 23 00-0985	MO	60 Ton Air Cooled Chiller Rental.....	4,612.73	
		For >3 To 6 Month Rental, Deduct	-691.91	
		For >6 Month Rental, Deduct	-1,153.18	
01 22 23 00-0986	MO	80 Ton Air Cooled Chiller Rental.....	5,454.16	
		For >3 To 6 Month Rental, Deduct	-818.12	
		For >6 Month Rental, Deduct	-1,363.54	
01 22 23 00-0987	MO	100 Ton Air Cooled Chiller Rental.....	6,295.59	
		For >3 To 6 Month Rental, Deduct	-944.34	
		For >6 Month Rental, Deduct	-1,573.90	
01 22 23 00-0988	MO	125 Ton Air Cooled Chiller Rental.....	7,293.56	
		For >3 To 6 Month Rental, Deduct	-1,094.03	
		For >6 Month Rental, Deduct	-1,823.39	
01 22 23 00-0989	MO	155 Ton Air Cooled Chiller Rental.....	8,823.42	
		For >3 To 6 Month Rental, Deduct	-1,323.51	
		For >6 Month Rental, Deduct	-2,205.86	
01 22 23 00-0990	MO	170 Ton Air Cooled Chiller Rental.....	9,435.37	
		For >3 To 6 Month Rental, Deduct	-1,415.31	
		For >6 Month Rental, Deduct	-2,358.84	
01 22 23 00-0991	MO	200 Ton Air Cooled Chiller Rental.....	10,838.94	
		For >3 To 6 Month Rental, Deduct	-1,625.84	
		For >6 Month Rental, Deduct	-2,709.74	
01 22 23 00-0992	MO	250 Ton Air Cooled Chiller Rental.....	12,897.15	
		For >3 To 6 Month Rental, Deduct	-1,934.57	
		For >6 Month Rental, Deduct	-3,224.29	
01 22 23 00-0993	MO	300 Ton Air Cooled Chiller Rental.....	15,049.64	
		Note: Includes trailer.		
		For >3 To 6 Month Rental, Deduct	-2,257.45	
		For >6 Month Rental, Deduct	-3,762.41	
01 22 23 00-0994	MO	400 Ton Air Cooled Chiller Rental.....	19,855.72	
		Note: Includes trailer, pump and 200' of 6" hose.		
		For >3 To 6 Month Rental, Deduct	-2,977.91	
		For >6 Month Rental, Deduct	-4,963.18	
01 22 23 00-0995	MO	500 Ton Air Cooled Chiller Rental.....	24,573.96	
		Note: Includes trailer, pump and 200' of 6" hose.		
		For >3 To 6 Month Rental, Deduct	-3,686.09	
		For >6 Month Rental, Deduct	-6,143.49	
01 22 23 00-0996	EA	Setup Air Cooled Chiller Rental Unit.....	2,692.22	
		Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.		
01 22 23 00-0997		Chiller Rental Accessories (01 22 23 00-0981)		
01 22 23 00-0998	MO	4" x 25' Flexible Water Hose For Chiller Rental.....	42.00	
01 22 23 00-0999	MO	6" x 25' Flexible Water Hose For Chiller Rental.....	52.50	
01 22 23 00-1000		Emergency Cooler/Freezer (01 22 23 00-0958)		
		Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115V or 230V, freezer 208/230V, combo 115V or 230V.		
01 22 23 00-1001	DAY	8 x 6 x 7 Emergency Cooler Rental.....	90.00	
01 22 23 00-1002	WK	8 x 6 x 7 Emergency Cooler Rental.....	480.00	
01 22 23 00-1003	DAY	10 x 7 x 7 Emergency Cooler Rental.....	180.00	
01 22 23 00-1004	WK	10 x 7 x 7 Emergency Cooler Rental.....	720.00	
01 22 23 00-1005	MO	10 x 7 x 7 Emergency Cooler Rental.....	1,800.00	
01 22 23 00-1006	DAY	10 x 7 x 7 Emergency Freezer Rental.....	210.00	
01 22 23 00-1007	WK	10 x 7 x 7 Emergency Freezer Rental.....	840.00	
01 22 23 00-1008	MO	10 x 7 x 7 Emergency Freezer Rental.....	2,160.00	
01 22 23 00-1009	DAY	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	240.00	
01 22 23 00-1010	WK	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	960.00	
01 22 23 00-1011	MO	6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	2,400.00	
01 22 23 00-1012		Fuel Oil Tank (01 22 23 00-0958)		
		Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0652 for reimbursable fuel fees.		
01 22 23 00-1013	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental.....	446.76	
01 22 23 00-1014	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental.....	694.95	
01 22 23 00-1015	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental.....	1,737.38	
01 22 23 00-1016	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	2,895.64	
01 22 23 00-1017	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental.....	3,822.24	
01 22 23 00-1018	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	6,828.19	

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

01 22 23 00-1019 Portable Spot Cooling Units (01 22 23 00-0958)
 Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes operator.

01 22 23 00-1020	DAY	1 Ton Portable Spot Cooling Unit	125.00	
01 22 23 00-1021	WK	1 Ton Portable Spot Cooling Unit	275.00	
01 22 23 00-1022	MO	1 Ton Portable Spot Cooling Unit	550.00	
01 22 23 00-1023	DAY	2 Ton Portable Spot Cooling Unit	200.00	
01 22 23 00-1024	WK	2 Ton Portable Spot Cooling Unit	400.00	
01 22 23 00-1025	MO	2 Ton Portable Spot Cooling Unit	900.00	
01 22 23 00-1026	DAY	3 Ton Portable Spot Cooling Unit	300.00	
01 22 23 00-1027	WK	3 Ton Portable Spot Cooling Unit	600.00	
01 22 23 00-1028	MO	3 Ton Portable Spot Cooling Unit	1,200.00	
01 22 23 00-1029	DAY	5 Ton Portable Spot Cooling Unit	350.00	
01 22 23 00-1030	WK	5 Ton Portable Spot Cooling Unit	700.00	
01 22 23 00-1031	MO	5 Ton Portable Spot Cooling Unit	1,600.00	
01 22 23 00-1032	DAY	10 Ton Portable Spot Cooling Unit	750.00	
01 22 23 00-1033	WK	10 Ton Portable Spot Cooling Unit	1,200.00	
01 22 23 00-1034	MO	10 Ton Portable Spot Cooling Unit	2,400.00	
01 22 23 00-1035	DAY	20 Ton Portable Spot Cooling Unit	1,000.00	
01 22 23 00-1036	WK	20 Ton Portable Spot Cooling Unit	1,750.00	
01 22 23 00-1037	MO	20 Ton Portable Spot Cooling Unit	3,750.00	
01 22 23 00-1038	DAY	25 Ton Portable Spot Cooling Unit	800.00	
01 22 23 00-1039	WK	25 Ton Portable Spot Cooling Unit	1,700.00	
01 22 23 00-1040	MO	25 Ton Portable Spot Cooling Unit	4,000.00	

01 22 23 00-1041 Truck And Trailer Equipment (01 22 23)

01 22 23 00-1042 Trucks (01 22 23 00-1041)
 Note: Includes full-time driver, delivery, and removal.

01 22 23 00-1043 Flat Bed Trucks (01 22 23 00-1042)
 Note: Includes hydraulic tilt bed.

01 22 23 00-1044	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	706.22	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1045	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,080.22	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1046	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	12,389.93	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
01 22 23 00-1047	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	788.20	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1048	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,290.28	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1049	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	12,927.89	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
01 22 23 00-1050	DAY	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	847.01	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1051	WK	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	3,515.10	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1052	MO	6-1/2 Ton Capacity, 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	13,783.54	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.69	

01 22 23 00-1053 Light Duty Trucks (01 22 23 00-1042)

01 22 23 00-1054	DAY	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	735.59	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1055	WK	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	3,301.65	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1056	MO	1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver	12,639.91	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
01 22 23 00-1057	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	776.65	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1058	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	3,424.81	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1059	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver	12,913.59	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	

01 22 23 00-1060 Rear Dump Trucks (01 22 23 00-1042)

01 22 23 00-1061	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver	911.22	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1062	WK	4 CY Rear Dump Truck With Full-Time Truck Driver	3,670.33	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1063	MO	4 CY Rear Dump Truck With Full-Time Truck Driver	13,953.05	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
01 22 23 00-1064	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver	967.59	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1065	WK	6 CY Rear Dump Truck With Full-Time Truck Driver	3,791.12	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1066	MO	6 CY Rear Dump Truck With Full-Time Truck Driver	14,033.57	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
01 22 23 00-1067	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver	1,635.95	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1068	WK	13 CY Rear Dump Truck With Full-Time Truck Driver	5,168.09	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1069	MO	13 CY Rear Dump Truck With Full-Time Truck Driver	17,898.77	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 22 23 00-1070	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver	1,747.88	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1071	WK	18 CY Rear Dump Truck With Full-Time Truck Driver	5,426.58	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1072	MO	18 CY Rear Dump Truck With Full-Time Truck Driver	18,575.18	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	

01 22 23 00-1073 Vacuum Trucks (01 22 23 00-1042)

01 22 23 00-1074	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,627.89	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
01 22 23 00-1075	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	5,929.86	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
01 22 23 00-1076	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	21,010.26	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	

01 22 23 00-1077 Water Trucks (01 22 23 00-1042)

See CSI section 01 22 23 00-1089 for water trailer, 31 23 23 23-0001 for compaction water as required for earth/aggregate backfill.

01 22 23 00-1078	DAY	2,000 Gallon Water Truck With Full-Time Operator	1,059.67	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	
01 22 23 00-1079	WK	2,000 Gallon Water Truck With Full-Time Operator	4,013.18	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	
01 22 23 00-1080	MO	2,000 Gallon Water Truck With Full-Time Operator	14,513.43	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	
01 22 23 00-1081	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	1,325.14	
		<i>For Equipment Without Operator, Deduct</i>	-516.65	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	
01 22 23 00-1082	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	4,809.60	
		<i>For Equipment Without Operator, Deduct</i>	-2,583.24	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	
01 22 23 00-1083	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Operator	16,564.82	
		<i>For Equipment Without Operator, Deduct</i>	-11,134.67	
		<i>For Each 1,000 Gallon Of Purchased Water, Add</i>	2.55	

01 22 23 00-1084 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1042)

01 22 23 00-1085	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion, Arrow Board With Full-Time Truck Driver	916.00	
		<i>For Equipment Without Operator, Deduct</i>	-513.38	
01 22 23 00-1086	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	4,177.40	
		<i>For Equipment Without Operator, Deduct</i>	-2,566.90	
01 22 23 00-1087	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	15,895.73	
		<i>For Equipment Without Operator, Deduct</i>	-11,064.23	

01 22 23 00-1088 Trailers (01 22 23 00-1041)

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

01 22 23 00-1089 Water Trailers With Pump (01 22 23 00-1088)

01 22 23 00-1090	DAY	500 To 600 Gallon Water Trailer With Pump	138.77	
01 22 23 00-1091	WK	500 To 600 Gallon Water Trailer With Pump	355.98	
01 22 23 00-1092	MO	500 To 600 Gallon Water Trailer With Pump	953.29	

01 40 Quality Requirements (01)

01 45 Quality Control (01 40)

01 45 23 Testing And Inspecting Services (01 45)

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

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

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

01 45 23 00-0003	EA	Concrete Cores Compression Test, ASTM C-42	71.77	
01 45 23 00-0004	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab	16.56	
01 45 23 00-0005	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	35.08	
01 45 23 00-0006	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	104.90	
01 45 23 00-0007	EA	Unit Weight Of Concrete Cylinder, ASTM C-567	38.65	
01 45 23 00-0008	EA	Concrete Mix Design Review	209.80	
01 45 23 00-0009	EA	Trial Concrete Batch Prepared In Laboratory	496.89	
01 45 23 00-0010	EA	Concrete Shrinkage, ASTM C-157 Modified	386.47	
01 45 23 00-0011	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	59.63	
01 45 23 00-0012	EA	Concrete Slump Test, ASTM C143	27.60	
01 45 23 00-0013	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	27.60	

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

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

01 45 23 00-0015	EA		Cement Grab Sample (CCR Title 24) Note: Includes sealing and storing 1 year.	27.60	
01 45 23 00-0016	EA		2" x 2" x 2" Cube Compression Test, All Type Materials	44.17	
01 45 23 00-0017			Asphaltic Concrete Testing (01 45 23 00-0001)		
01 45 23 00-0018	EA		Hveem Asphaltic Concrete Stability Test, CA 366	55.21	
01 45 23 00-0019	EA		Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	143.55	
01 45 23 00-0020	EA		Stability Tests, Premixed, ASTM D1559	55.21	
01 45 23 00-0021	EA		Stability Tests, Lab. Mixed, ASTM D1559	143.55	
01 45 23 00-0022	EA		Swell Test, CA 305	66.25	
			Note: Includes compaction.		
01 45 23 00-0023	EA		% Asphalt Extraction Test, ASTM D-2172 B.....	165.63	
01 45 23 00-0024	EA		Maximum Theoretical Unit Weight, ASTM C2041.....	105.24	
01 45 23 00-0025	EA		Unit Weight Sample Requiring Compaction, California Test Method 308	22.08	
01 45 23 00-0026	EA		Asphalt Unit Weight On Core Test, CA 308C	22.08	
01 45 23 00-0027	HR		Nuclear Field Density Testing, 4 Hour Minimum.....	113.73	
01 45 23 00-0028	EA		Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	74.51	
01 45 23 00-0029	EA		Penetration, ASTM D5.....	79.76	
01 45 23 00-0030			Metals Testing (01 45 23)		
01 45 23 00-0031			Tank Tightness Testing (01 45 23 00-0030)		
01 45 23 00-0032	GAL		Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	5.92	
01 45 23 00-0033	GAL		>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks.....	5.07	
01 45 23 00-0034	EA		Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....	1,522.34	
01 45 23 00-0035	EA		>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	1,860.04	
01 45 23 00-0036	EA		>29,999 Gallons, Tank Volumetric Tightness Testing.....	2,368.83	
01 45 23 00-0037			Tank Line Tightness Testing (01 45 23 00-0030)		
01 45 23 00-0038	EA		Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing	321.22	
01 45 23 00-0039	EA		>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....	356.68	
01 45 23 00-0040	EA		>29,999 Gallons, Tank Line Volumetric Tightness Testing.....	392.02	
01 45 23 00-0041			Other Testing (01 45 23)		
01 45 23 00-0042			Special Testing (01 45 23 00-0041)		
01 45 23 00-0043	EA		Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....	85.59	
01 45 23 00-0044	EA		Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	513.54	
01 45 23 00-0045	EA		Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	25.82	
01 45 23 00-0046	EA		Testing For The Presence Of PCBs In Caulk, Analysis Per Sample	107.03	
01 45 23 00-0047	EA		Testing For The Presence Of PCBs In Soil, Analysis Per Sample.....	107.03	
01 45 23 00-0048	EA		Testing For The Presence Of PCBs Using Wipe Sampling, Analysis Per Sample	107.03	
01 45 23 00-0049	EA		Testing For The Presence Of PCBs In Air, Analysis Per Sample	588.66	
01 45 23 00-0050			Nondestructive Field Testing Services (01 45 23 00-0041)		
01 45 23 00-0051			Infrared Thermography (01 45 23 00-0050) Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0052			Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0051) Note: For on the roof surveys.		
01 45 23 00-0053	EA		Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....	1,800.00	
01 45 23 00-0054	CSF		Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.00	
			For CADD Drawings, Add	0.60	
01 45 23 00-0055	CSF		>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	2.00	
			For CADD Drawings, Add	0.40	
01 45 23 00-0056	CSF		>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	1.50	
			For CADD Drawings, Add	0.30	
			For Elevated Infrared Thermography Roof Investigation, Add	0.38	
			For Aerial Infrared Thermography Roof Investigation, Add	0.38	
01 45 23 00-0057	CSF		>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	1.00	
			For CADD Drawings, Add	0.20	
			For Elevated Infrared Thermography Roof Investigation, Add	0.25	
			For Aerial Infrared Thermography Roof Investigation, Add	0.25	
01 45 23 00-0058			Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0051) Note: For finding moisture in walls and windows.		
01 45 23 00-0059	EA		Building Moisture Investigation Using Infrared Thermography, Mobilization Charge.....	950.00	
01 45 23 00-0060	CSF		Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	3.00	
			For Digital Or Analog Recording Of All Items, Add	1.50	
01 45 23 00-0061	CSF		>1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography.....	2.00	
			For Digital Or Analog Recording Of All Items, Add	1.00	
01 45 23 00-0062	CSF		>5,000 SF, Building Moisture Investigation Using Infrared Thermography.....	1.00	
			For Digital Or Analog Recording Of All Items, Add	0.50	
01 45 23 00-0063			General Building Investigation Using Infrared Thermography (01 45 23 00-0051) Note: For finding missing or misplaced insulation, air leakage and delamination.		

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0064	EA		General Building Investigation Using Infrared Thermography, Mobilization Charge	1,950.00	
01 45 23 00-0065	CSF		Up To 1,000 SF, General Building Investigation Using Infrared Thermography	3.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	1.50	
01 45 23 00-0066	CSF		>1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	2.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	1.00	
01 45 23 00-0067	CSF		>5,000 SF, General Building Investigation Using Infrared Thermography	1.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	0.50	
01 45 23 00-0068			Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01		
			45 23 00-0051)		
			Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0069	EA		Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0070	HR		Electrical /Mechanical Equipment Scanning Using Infrared Thermography	142.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	20.97	
01 45 23 00-0071			Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0051)		
			Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0072	EA		Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge	950.00	
01 45 23 00-0073	CSF		Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	3.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	0.45	
01 45 23 00-0074	CSF		>50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	2.00	
			<i>For Digital Or Analog Recording Of All Items, Add</i>	0.30	
01 45 23 00-0075			Other Nondestructive Field Testing Services (01 45 23 00-0050)		
01 45 23 00-0076	HR		ASNT Certified Level I NDT Consultant	92.52	
01 45 23 00-0077	HR		ASNT Certified Level II NDT Consultant	95.00	
01 45 23 00-0078	HR		ASNT Certified Level III NDT Consultant	133.42	
01 45 23 00-0079	HR		Certified Industrial Radiography Radiation Safety Personnel	70.92	
01 45 23 00-0080			Testing Professional Services (01 45 23 00-0041)		
01 45 23 00-0081	HR		Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	102.69	
01 45 23 00-0082	HR		Laboratory Technician	99.38	
01 45 23 00-0083	HR		Portable Digital Reinforcement Scanner	143.55	
01 45 23 00-0084	HR		Subsurface Detection Radar System	242.92	
01 45 23 00-0085	HR		Pavement Rehabilitation Analysis Using Deflectors	276.05	
01 45 23 00-0086	HR		Associate Engineer	143.55	
01 45 23 00-0087	HR		Staff Engineer	132.50	
01 45 23 00-0088	HR		Project Manager	126.98	
01 45 23 00-0089	HR		Principal Engineer	193.24	
01 45 23 00-0090	HR		Consulting Engineer	154.59	
01 45 23 00-0091			Soils/Aggregate Testing (01 45 23)		
01 45 23 00-0092			Field Soils Tests (01 45 23 00-0091)		
01 45 23 00-0093	EA		Plasticity Index Soils Test, ASTM D-4318, Field Soils Test	171.15	
01 45 23 00-0094	EA		4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	242.92	
01 45 23 00-0095	EA		6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	276.05	
01 45 23 00-0096	EA		Resistance (R) Value Soils Test, CA 301, Field Soils Test	220.84	
01 45 23 00-0097	EA		Soils Classification Test, ASTM D-2487, Field Soils Test	331.26	
01 45 23 00-0098	SET		Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	662.29	
01 45 23 00-0099	EA		Moisture Content, Field Soils Test	24.84	
01 45 23 00-0100	EA		UBC Or Swell Test, Field Soils Test	87.01	
01 45 23 00-0101	EA		Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	165.57	
01 45 23 00-0102	EA		Proctor Compaction 6" Standard Mold, Field Soils Test	206.97	
01 45 23 00-0103	EA		Density And Classification Test, Field Soils Test	66.23	
01 45 23 00-0104	EA		Percolation Test, Field Soils Test	165.57	
01 45 23 00-0105	EA		Infiltration Test, Field Soils Test	331.14	
01 45 23 00-0106			Soil Borings Laboratory Tests (01 45 23 00-0091)		
			See CSI section 02 32 13 00-0000 for soil borings.		
01 45 23 00-0107	EA		Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test	76.00	
01 45 23 00-0108	EA		Shrinkage Limit, Soil Borings Laboratory Test	24.25	
01 45 23 00-0109	EA		Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	58.46	
01 45 23 00-0110	EA		Consolidation, Soil Borings Laboratory Test	409.26	
01 45 23 00-0111	EA		Swell Test, Soil Borings Laboratory Test	80.84	
01 45 23 00-0112	EA		In Place Density, Soil Borings Laboratory Test	17.54	
01 45 23 00-0113	EA		Moisture Content, ASTM D2216, Soil Borings Laboratory Test	10.90	
01 45 23 00-0114	EA		Hydrometer Analysis, Soil Borings Laboratory Test	140.68	
01 45 23 00-0115	EA		Specific Gravity, ASTM D854, Soil Borings Laboratory Test	49.06	
01 45 23 00-0116	EA		Partial Sieve Analysis, Soil Borings Laboratory Test	9.70	
01 45 23 00-0117	EA		Laboratory Permeability, Soil Borings Laboratory Test	485.09	
01 45 23 00-0118	EA		Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	98.12	
01 45 23 00-0119	EA		Sulfate Soundness, Soil Borings Laboratory Test	121.27	
01 45 23 00-0120	EA		Los Angeles Abrasion, Soil Borings Laboratory Test	282.77	
01 45 23 00-0121	EA		California Bearing Ratio, ASTM D1883	248.44	
01 45 23 00-0122	EA		Compaction Test Subgrade, Soil Borings Laboratory Test	72.76	
01 45 23 00-0123	EA		Compaction Test Base Course, Soil Borings Laboratory Test	61.56	

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

01 45 23 00-0124	EA		In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test.....	239.27	
01 45 23 00-0125	EA		Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test.....	37.19	

01 45 23 00-0126 Aggregate Testing (01 45 23 00-0091)

01 45 23 00-0127	EA		Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	55.21	
01 45 23 00-0128	EA		Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	99.38	
01 45 23 00-0129	EA		Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	138.02	
01 45 23 00-0130	EA		Sieve Analysis, Pit Run, ASTM C136.....	107.62	
Note: Includes wash.					
01 45 23 00-0131	EA		Specific Special Gravity, Course, ASTM C127.....	87.70	
Note: Includes absorption test.					
01 45 23 00-0132	EA		Special Gravity, Fine, ASTM C127.....	78.65	
Note: Includes absorption test.					
01 45 23 00-0133	EA		Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	116.93	
01 45 23 00-0134	EA		Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	110.42	
01 45 23 00-0135	EA		Aggregate Cleanness Value, ASTM C-128, CA 227.....	110.42	
01 45 23 00-0136	EA		Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	82.82	
01 45 23 00-0137	EA		Fine Aggregate Durability Index, CA 229.....	88.34	
01 45 23 00-0138	EA		Sodium And Magnesium Soundness, ASTM C88.....	231.80	
01 45 23 00-0139	EA		Los Angeles Rattler, ASTM C-131, CA 211.....	176.67	
01 45 23 00-0140	EA		Los Angeles Rattler, ASTM C-535.....	176.67	
01 45 23 00-0141	EA		Unit Weight Of Aggregates, ASTM C29.....	49.69	
01 45 23 00-0142	EA		Organic Impurities In Sand, ASTM C40.....	49.67	
01 45 23 00-0143	EA		Crushed Particle, ASTM California Test Method.....	49.67	
01 45 23 00-0144	EA		Clay Lump And Friable Particles, ASTM C142.....	99.34	

01 45 23 00-0145 Permeability Tests (01 45 23 00-0091)

01 45 23 00-0146 In-Place Tests (01 45 23 00-0145)

01 45 23 00-0147	EA		Double Ring Infiltrometer Test, ASTM D3385.....	876.98	
01 45 23 00-0148	EA		Unconfined Compressive Strength (Pocket Penetrometer) Test.....	41.39	

01 45 23 00-0149 Lab Tests (01 45 23 00-0145)

01 45 23 00-0150	EA		Falling Head Rigid Wall Consolidometer Technique CAE.....	409.26	
01 45 23 00-0151	EA		Falling Head Permeability Test EPA-9100.....	409.26	
01 45 23 00-0152	EA		Constant Head Permeability Test For Granular Soils, ASTM D2432.....	233.86	

01 45 23 00-0153 Masonry/Concrete Block/Tile Testing (01 45 23)

01 45 23 00-0154 Masonry Testing (01 45 23 00-0153)

01 45 23 00-0155	EA		2" x 4" Cylinder Mortar Compression Test.....	36.44	
01 45 23 00-0156	EA		4" x 4" x 8" Grout Prisms Compression Test.....	36.44	
01 45 23 00-0157	EA		Masonry Cores Compression Test.....	71.77	
01 45 23 00-0158	EA		Composite Grouted Prism Compression Test.....	138.02	

01 45 23 00-0159 Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0153)

01 45 23 00-0160	EA		Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	88.34	
01 45 23 00-0161	EA		Absorption Test, Moisture Content And Unit Weight.....	60.73	
01 45 23 00-0162	EA		Moisture Condition By Relative Humidity, ASTM C427, First Unit.....	231.80	
01 45 23 00-0163	EA		Moisture Condition By Relative Humidity, ASTM C427, Additional Unit.....	115.90	

01 50 Temporary Facilities And Controls (01)

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

01 51 Temporary Utilities (01 50)

01 51 13 Temporary Electricity (01 51)

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

Note: Includes fuses.					
01 51 13 00-0002	EA		Temporary 30 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	535.28	194.98
01 51 13 00-0003	EA		Temporary 60 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	657.21	258.60
01 51 13 00-0004	EA		Temporary 100 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	1,018.98	283.01
01 51 13 00-0005	EA		Temporary 200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	1,514.63	440.42
01 51 13 00-0006	EA		Temporary 400 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	2,894.92	731.00
01 51 13 00-0007	EA		Temporary 600 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	5,106.44	974.72
01 51 13 00-0008	EA		Temporary 800 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	7,370.02	1,105.22
01 51 13 00-0009	EA		Temporary 1,200 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	12,013.55	1,684.14
01 51 13 00-0010	EA		Temporary 2,000 Amp, 240 Volt, NEMA 3R Service Switch Or Building Feeder Switch With Fuses.....	16,967.20	2,526.30

01 51 13 00-0011 Panelboard Complete With Branch Fuses 120/208V (01 51 13)

Note: Main lug.					
01 51 13 00-0012	EA		Temporary 100 Amp Panelboard Complete With Up To 24 Branch Circuits, 120/208 Volt.....	1,170.48	191.37
01 51 13 00-0013	EA		Temporary 200 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	1,506.05	350.93
01 51 13 00-0014	EA		Temporary 400 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	2,391.07	526.31
01 51 13 00-0015	EA		Temporary 600 Amp Panelboard Complete With Up To 42 Branch Circuits, 120/208 Volt.....	3,201.78	877.23

01 General Requirements**01 50 Temporary Facilities And Controls****01 51 Temporary Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 51 13 00-0016	Cord Grip Plug <small>(01 51 13)</small>		
	Note: Includes installation, a maximum of 50' of cord and connection to source.		
01 51 13 00-0017	EA Temporary 2 - Pole Cord Grip Plug With Installation	117.91	52.70
01 51 13 00-0018	EA Temporary 3 - Pole Cord Grip Plug With Installation	174.89	81.06
01 51 13 00-0019	EA Temporary 4 - Pole Cord Grip Plug With Installation	225.08	105.23
01 51 13 00-0020	EA Temporary 3 - Pole (30 A) Cord Grip Plug With Installation.....	171.57	81.06
01 51 13 00-0021	EA Temporary 4 - Pole (30 A) Cord Grip Plug With Installation.....	219.78	105.23
01 51 13 00-0022	EA Temporary 3 - Pole (50 A) Cord Grip Plug With Installation.....	188.49	81.06

01 51 26 Temporary Lighting (01 51)

01 51 26 00-0001	Temporary Devices <small>(01 51 26)</small>		
	Note: Includes removal after use.		
01 51 26 00-0002	EA Temporary Exit Light.....	129.57	39.30
01 51 26 00-0003	EA Temporary Light Socket With Branch Wiring Connection And Lamp.....	18.02	8.17
01 51 26 00-0004	EA Temporary 10 Light String With Cages.....	48.30	18.47
01 51 26 00-0005	EA Temporary GFI Device With Enclosure And Branch Wiring.....	139.15	52.70
01 51 26 00-0006	EA Temporary Trailer Socket With Branch Wiring.....	54.16	19.08
01 51 26 00-0007	EA Temporary High Bay Light.....	182.33	77.38

01 52 Construction Facilities (01 50)

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

01 52 13 Field Offices And Sheds (01 52)

01 52 13 00-0001	Field Offices <small>(01 52 13)</small>		
	Note: Excludes furniture, utility connections and service. Minimum 6 months rental.		
01 52 13 00-0002	MO 8' x 24' Office, With Toilet	174.11	
	For Each Delivery And Removal, Round Trip, Add	456.00	
	For Each Set-Up (Block And Level), Add	228.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
	For Office Trailer Without Toilet, Deduct	-34.82	
01 52 13 00-0003	MO 8' x 32' Office, With Toilet	197.32	
	For Each Delivery And Removal, Round Trip, Add	456.00	
	For Each Set-Up (Block And Level), Add	228.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
	For Office Trailer Without Toilet, Deduct	-39.46	
01 52 13 00-0004	MO 10' x 36' Office, With Toilet	266.96	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
	For Office Trailer Without Toilet, Deduct	-53.39	
01 52 13 00-0005	MO 10' x 40' Office, With Toilet	284.38	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
	For Office Trailer Without Toilet, Deduct	-56.88	
01 52 13 00-0006	MO 10' x 44' Office, With Toilet	313.39	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0007	MO 10' x 50' Office, With Toilet	330.80	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0008	MO 12' x 44' Office, With Toilet	353.62	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0009	MO 12' x 50' Office, With Toilet	388.84	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0010	MO 12' x 60' Office, With Toilet	423.66	
	For Each Delivery And Removal, Round Trip, Add	756.00	
	For Each Set-Up (Block And Level), Add	372.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0011	MO 24' x 60' Office, With Toilet	928.56	
	For Each Delivery And Removal, Round Trip, Add	1,440.00	
	For Each Set-Up (Block And Level), Add	600.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	
01 52 13 00-0012	MO 24' x 72' Office, With Toilet	1,114.27	
	For Each Delivery And Removal, Round Trip, Add	1,440.00	
	For Each Set-Up (Block And Level), Add	600.00	
	For Each Anchoring Into Dirt, Add	94.50	
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75	

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

01 52 13 00-0013	MO 30' x 30' Office, With Toilet	529.57
	For Each Delivery And Removal, Round Trip, Add	1,440.00
	For Each Set-Up (Block And Level), Add	600.00
	For Each Anchoring Into Dirt, Add	94.50
	For Each Anchoring Into Asphalt Or Concrete, Add	141.75

01 52 13 00-0014 Storage Containers (01 52 13)

01 52 13 00-0015	MO 8' x 8' x 10' Storage Container	96.61
	For Delivery And Pick-up Of Container, Add	252.95
	For >12 Months, Deduct	-28.98
01 52 13 00-0016	MO 8' x 8' x 20' Storage Container	101.00
	For Delivery And Pick-up Of Container, Add	252.95
	For >12 Months, Deduct	-30.30
01 52 13 00-0017	MO 8' x 8' x 40' Storage Container	119.45
	For Delivery And Pick-up Of Container, Add	252.95
	For >12 Months, Deduct	-35.84

01 52 19 Sanitary Facilities (01 52)

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

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

01 52 19 00-0002	WK Portable Toilets, Chemical	28.33
	For Each Additional Servicing Per Unit Per Week, Add	25.00
01 52 19 00-0003	MO Portable Toilets, Chemical	84.99
	For Each Additional Servicing Per Unit Per Week, Add	25.00
01 52 19 00-0004	WK ADA Portable Toilets, Chemical	33.79
	For Each Additional Servicing Per Unit Per Week, Add	25.00
01 52 19 00-0005	MO ADA Portable Toilets, Chemical	99.16
	For Each Additional Servicing Per Unit Per Week, Add	25.00
01 52 19 00-0006	WK Two Station Portable Handwash	27.29
01 52 19 00-0007	MO Two Station Portable Handwash	82.79
01 52 19 00-0008	MO Portable Toilets, Multi Trailer - 16'	2,500.00
	Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink)	
01 52 19 00-0009	WK Service Trailer Restrooms, 3 Times Per Week	1,874.00

01 54 Construction Aids (01 54)

01 54 23 Temporary Scaffolding And Platforms (01 54)

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

Note: Additional scaffolding rental for work above the normal working height of 14'. See CSI section 04 05 26 00-0000 for masonry scaffolding.

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

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

01 54 23 00-0003	CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide x 7' Long Sections (CCF / Month)	20.84
	For Up To 25, Add	8.34
	For >25 To 50, Add	5.21
	For >50 To 150, Add	2.08
01 54 23 00-0004	CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide x 7' Long Sections (CCF / Month)	23.44
	For Up To 25, Add	9.38
	For >25 To 50, Add	5.86
	For >50 To 150, Add	2.34
01 54 23 00-0005	CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide x 7' Long Sections (CCF / Month)	31.26
	For Up To 25, Add	12.50
	For >25 To 50, Add	7.82
	For >50 To 150, Add	3.13

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

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

01 54 23 00-0007	CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	38.08
01 54 23 00-0008	CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	47.60
01 54 23 00-0009	CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	57.12
01 54 23 00-0010	CCF >60' To 80' Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	62.83
01 54 23 00-0011	CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	72.35

01 54 23 00-0012 Rolling Scaffolding (01 54 23)

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

01 54 23 00-0013	DAY Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	10.15
01 54 23 00-0014	WK Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	40.69
01 54 23 00-0015	MO Rolling Scaffolding >14' To 20' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	162.74
01 54 23 00-0016	DAY Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	17.00
01 54 23 00-0017	WK Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	68.08
01 54 23 00-0018	MO Rolling Scaffolding >20' To 40' Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	272.36
01 54 23 00-0019	EA Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >14' To 20'	87.60
01 54 23 00-0020	EA Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold, >20' To 40'	109.50

01 54 26 Temporary Swing Staging (01 54)

01 General Requirements**01 50 Temporary Facilities And Controls****01 54 Construction Aids**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

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

01 54 26 00-0001	Swing Stage <small>(01 54 26)</small>		
	Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.		
01 54 26 00-0002	MO 7' Swing Stage, Electric Operated	1,497.38	
01 54 26 00-0003	MO 24' Swing Stage, Manually Operated	539.71	
01 54 26 00-0004	EA Swing Stage Erection And Dismantling.....	406.19	
	Note: Includes both erection and dismantling of swing stage.		
01 54 26 00-0005	EA Move Swing Stage To Different Roof At Same Site	191.35	
01 54 26 00-0006	EA Move Swing Stage To Different Location At Same Roof.....	88.32	

01 54 29 Temporary Sidewalk Protection (01 54)

01 54 29 00-0001	Sidewalk Bridge <small>(01 54 29)</small>		
01 54 29 00-0002	Installation of Sidewalk Bridge <small>(01 54 29 00-0001)</small>		
01 54 29 00-0003	LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	64.74	
	Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
	<i>For 3 Post System, Add</i>	6.00	
	<i>For Each Additional Foot Over 8' Wide, Add</i>	3.00	
	<i>For Each Additional Foot Over 8' High, Add</i>	2.00	
01 54 29 00-0004	LF Installation of Netting for Sidewalk Bridge.....	3.11	

01 54 29 00-0005 Monthly Rental of Sidewalk Bridge (01 54 29 00-0001)

01 54 29 00-0006	LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	5.34	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	0.80	
01 54 29 00-0007	LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	6.01	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	0.90	
01 54 29 00-0008	LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	6.67	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.00	
01 54 29 00-0009	LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	6.67	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.00	
01 54 29 00-0010	LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	7.34	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.10	
01 54 29 00-0011	LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	8.67	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.30	
01 54 29 00-0012	LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	8.01	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.20	
01 54 29 00-0013	LF Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	9.34	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.40	
01 54 29 00-0014	LF Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	10.01	
	Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
	<i>For 3 Post System, Add</i>	1.50	
01 54 29 00-0015	LF Monthly Rental of Netting for Sidewalk Bridge.....	1.00	

01 54 29 00-0016 Removal of Sidewalk Bridge (01 54 29 00-0001)

01 54 29 00-0017	LF Removal of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	25.37	
	Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
	<i>For 3 Post System, Add</i>	2.50	
	<i>For Each Additional Foot Over 8' Wide, Add</i>	1.25	
	<i>For Each Additional Foot Over 8' High, Add</i>	0.75	
01 54 29 00-0018	LF Removal of Netting for Sidewalk Bridge.....	1.55	

01 55 Vehicular Access And Parking (01 50)**01 55 23 Temporary Roads** (01 55)

01 55 23 00-0001	Temporary Stabilized Construction Entrance <small>(01 55 23)</small>		
	Note: As per Caltrans detail.		
01 55 23 00-0002	SF 3' To 4" Rock Temporary Stabilized Construction Entrance Assembly	2.35	
	Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		
01 55 23 00-0003	SF >4" To 6" Rock Temporary Stabilized Construction Entrance Assembly	2.86	
	Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.		

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

01 55 23 00-0004	Rumble Trench Plate <small>(01 55 23)</small>		
01 55 23 00-0005	MO 8' x 10' Steel Rumble Trench Plate Rental.....		200.00
01 55 23 00-0006	EA Place And Remove Rumble Plate.....		72.10
	<small>Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.</small>		
01 55 23 00-0007	EA Relocate And Adjust Location Of Rumble Plate.....		18.02
	<small>Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.</small>		

01 55 26 Traffic Control (01 55)

01 55 26 00-0001	Pedestrian Traffic Control <small>(01 55 26)</small>		
01 55 26 00-0002	CLF 1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange		10.74
01 55 26 00-0003	CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange		14.60
01 55 26 00-0004	CLF 3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....		7.61
01 55 26 00-0005	CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....		9.58
01 55 26 00-0006	CLF 3", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent		10.81
01 55 26 00-0007	CLF 6", 4 Mil Polyethylene Printed Barricade Tape, Non Fluorescent		15.77
01 55 26 00-0008	CLF 1" Exterior Vinyl Tape (Warning Tape)		13.43
01 55 26 00-0009	CLF 2" Exterior Vinyl Tape (Warning Tape)		19.70
01 55 26 00-0010	CLF 3" Exterior Vinyl Tape (Warning Tape)		25.81
01 55 26 00-0011	CLF 4" Exterior Vinyl Tape (Warning Tape)		30.27

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

Note: Includes installation and removal after use.

01 55 26 00-0013	LF 6" Removable Traffic Black Line Mask		4.11
01 55 26 00-0014	LF 8" Removable Traffic Black Line Mask		5.00

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

Note: Includes installation and removal after use.

01 55 26 00-0016	LF 4" Reflective Removable Traffic Line Tape		3.15
01 55 26 00-0017	LF 6" Reflective Removable Traffic Line Tape		4.16
01 55 26 00-0018	LF 8" Reflective Removable Traffic Line Tape		5.10

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

Note: Includes installation and removal after use.

01 55 26 00-0020	LF 4" Temporary Painted Traffic Lines.....		2.73
	<i>For Not Removed, Deduct</i>		-2.28
01 55 26 00-0021	LF 6" Temporary Painted Traffic Lines.....		3.64
	<i>For Not Removed, Deduct</i>		-3.10
01 55 26 00-0022	LF 8" Temporary Painted Traffic Lines.....		4.59
	<i>For Not Removed, Deduct</i>		-3.92
01 55 26 00-0023	EA 2" High x 2" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad.....		2.01
01 55 26 00-0024	EA 2" High x 4" Wide Temporary Overlay Pavement Markers, "L" With Factory-Applied Adhesive Pad.....		2.02

01 55 26 00-0025 Traffic Protection (01 55 26)

01 55 26 00-0026 Portable Traffic Control Device Rental (01 55 26 00-0025)

Note: Excludes placing and removing devices.

01 55 26 00-0027	DAY 28" Cone With Reflective Collar.....		0.43
01 55 26 00-0028	WK 28" Cone With Reflective Collar.....		1.29
01 55 26 00-0029	MO 28" Cone With Reflective Collar.....		3.86
01 55 26 00-0030	DAY Vertical Panel.....		1.30
01 55 26 00-0031	WK Vertical Panel.....		3.89
01 55 26 00-0032	MO Vertical Panel.....		11.67
01 55 26 00-0033	DAY Channelizer Drum.....		1.41
01 55 26 00-0034	WK Channelizer Drum.....		4.22
01 55 26 00-0035	MO Channelizer Drum.....		12.67
01 55 26 00-0036	DAY Stackable Channelizer Panel.....		0.67
01 55 26 00-0037	WK Stackable Channelizer Panel.....		2.00
01 55 26 00-0038	MO Stackable Channelizer Panel.....		5.99
01 55 26 00-0039	DAY Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....		0.92
01 55 26 00-0040	WK Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....		2.77
01 55 26 00-0041	MO Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....		8.30
01 55 26 00-0042	DAY Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side		2.04
01 55 26 00-0043	WK Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side		6.13
01 55 26 00-0044	MO Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side		18.39
01 55 26 00-0045	DAY Type III Barricade, Up To 5' Wide With Three Reflective Rails.....		2.33
01 55 26 00-0046	WK Type III Barricade, Up To 5' Wide With Three Reflective Rails.....		6.99
01 55 26 00-0047	MO Type III Barricade, Up To 5' Wide With Three Reflective Rails.....		20.96
01 55 26 00-0048	DAY Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....		4.26
01 55 26 00-0049	WK Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....		12.78
01 55 26 00-0050	MO Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....		38.34
01 55 26 00-0051	DAY Up To 10' Wide A Frame Barricade		2.34
01 55 26 00-0052	WK Up To 10' Wide A Frame Barricade		7.01
01 55 26 00-0053	MO Up To 10' Wide A Frame Barricade		21.03
01 55 26 00-0054	DAY Type A Or C Flasher.....		0.48
01 55 26 00-0055	WK Type A Or C Flasher.....		1.43
01 55 26 00-0056	MO Type A Or C Flasher.....		4.29
01 55 26 00-0057	DAY Type B Flasher (High Intensity)		2.58
01 55 26 00-0058	WK Type B Flasher (High Intensity)		7.75

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 55 26 00-0059 MO Type B Flasher (High Intensity).....23.25

01 55 26 00-0060 Traffic Barriers Rental (01 55 26 00-0025)
 Note: Excludes placing and removing devices.

01 55 26 00-0061 DAY 6' Long Portable Parking Curbs1.11
 01 55 26 00-0062 WK 6' Long Portable Parking Curbs3.34
 01 55 26 00-0063 MO 6' Long Portable Parking Curbs10.02
 01 55 26 00-0064 DAY 6' Long Portable Speed Bumps3.29
 01 55 26 00-0065 WK 6' Long Portable Speed Bumps9.88
 01 55 26 00-0066 MO 6' Long Portable Speed Bumps29.64
 01 55 26 00-0067 DAY Up To 12.5' Concrete Traffic Barrier7.91
 01 55 26 00-0068 WK Up To 12.5' Concrete Traffic Barrier23.73
 01 55 26 00-0069 MO Up To 12.5' Concrete Traffic Barrier71.20
 01 55 26 00-0070 DAY >12.5' To 20' Concrete Traffic Barrier15.82
 01 55 26 00-0071 WK >12.5' To 20' Concrete Traffic Barrier47.47
 01 55 26 00-0072 MO >12.5' To 20' Concrete Traffic Barrier142.40
 01 55 26 00-0073 DAY 6' x 32" Tall Plastic Water Barrier.....9.45
 01 55 26 00-0074 WK 6' x 32" Tall Plastic Water Barrier.....28.34
 01 55 26 00-0075 MO 6' x 32" Tall Plastic Water Barrier.....85.03
 01 55 26 00-0076 DAY 6' x 46" Tall Plastic Water Barrier.....13.49
 01 55 26 00-0077 WK 6' x 46" Tall Plastic Water Barrier.....40.47
 01 55 26 00-0078 MO 6' x 46" Tall Plastic Water Barrier.....121.41
 01 55 26 00-0079 DAY Sand Filled Crash Attenuator Barrels.....5.28
 01 55 26 00-0080 WK Sand Filled Crash Attenuator Barrels.....15.84
 01 55 26 00-0081 MO Sand Filled Crash Attenuator Barrels.....47.52

01 55 26 00-0082 Portable Signs And Message Displays Rental (01 55 26 00-0025)
 Note: Excludes placing and removing devices.

01 55 26 00-0083 DAY Mesh Or Vinyl Roll-up Sign With Stand4.15
 01 55 26 00-0084 WK Mesh Or Vinyl Roll-up Sign With Stand12.44
 01 55 26 00-0085 MO Mesh Or Vinyl Roll-up Sign With Stand37.31
 01 55 26 00-0086 DAY Aluminum Sign And Post2.35
 01 55 26 00-0087 WK Aluminum Sign And Post7.04
 01 55 26 00-0088 MO Aluminum Sign And Post21.14
 01 55 26 00-0089 DAY Aluminum Sign And A Frame Stand3.13
 01 55 26 00-0090 WK Aluminum Sign And A Frame Stand9.40
 01 55 26 00-0091 MO Aluminum Sign And A Frame Stand28.21
 01 55 26 00-0092 DAY Trailer Mounted Arrow Board.....47.99
 01 55 26 00-0093 WK Trailer Mounted Arrow Board.....143.98
 01 55 26 00-0094 MO Trailer Mounted Arrow Board.....431.95
 01 55 26 00-0095 DAY Trailer Mounted Message Board.....183.00
 01 55 26 00-0096 WK Trailer Mounted Message Board.....549.00
 01 55 26 00-0097 MO Trailer Mounted Message Board.....1,647.00
 01 55 26 00-0098 DAY Trailer Mounted Traffic Signal.....258.20
 Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.
 01 55 26 00-0099 WK Trailer Mounted Traffic Signal.....1,704.12
 Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.
 01 55 26 00-0100 MO Trailer Mounted Traffic Signal.....6,713.20
 Note: Consists of 2 LED traffic light heads, solar panels and a battery bank, mounted on a heavy-duty towable trailer.

01 55 26 00-0101 Place And Remove Traffic Protection Using Truck (01 55 26 00-0025)
 Note: Includes delivery and return up to 15 miles.

01 55 26 00-0102 EA Place And Remove Up To 250 Cones Using Truck3.56
 01 55 26 00-0103 EA Place And Remove >250 Cones Using Truck.....2.84
 01 55 26 00-0104 EA Place And Remove Up To 250 Panels/Channelizers Using Truck.....4.75
 01 55 26 00-0105 EA Place And Remove >250 Panels/Channelizers Using Truck3.80
 01 55 26 00-0106 EA Place And Remove Up To 250 Barricades Using Truck7.12
 01 55 26 00-0107 EA Place And Remove >250 Barricades Using Truck5.70
 01 55 26 00-0108 EA Place And Remove Curbs/Speed Bumps Using Truck7.12
 01 55 26 00-0109 EA Place And Remove Portable Sign And Stand Using Truck4.27
 01 55 26 00-0110 EA Place And Remove Aluminum Sign And Post Using Truck.....17.80
 01 55 26 00-0111 EA Place And Remove Trailer Mounted Boards Using Truck.....53.39
 01 55 26 00-0112 EA Place And Remove Up To 12.5' Concrete Traffic Barrier.....72.10
 Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.
 For 1 Barrier, Add 180.25
 For 2 Barriers, Add 64.89
 For 3 Barriers, Add 21.63
 01 55 26 00-0113 EA Place And Remove >12.5' Concrete Traffic Barrier108.15
 Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.
 For 1 Barrier, Add 270.38
 For 2 Barriers, Add 97.34
 For 3 Barriers, Add 32.45
 01 55 26 00-0114 EA Place And Remove Plastic Water Barrier37.56
 Note: Includes water. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization tasks.
 For 1 Barrier, Add 90.13
 For 2 Barriers, Add 32.45
 For 3 Barriers, Add 10.82

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

01 55 26 00-0115	EA		Place And Remove Crash Attenuator Barrels.....54.08 Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.		
			<i>For 1 Barrier, Add</i>	135.20	
			<i>For 2 Barriers, Add</i>	48.67	
			<i>For 3 Barriers, Add</i>	16.22	

01 55 26 00-0116			Place And Remove Traffic Protection From Roadside (Daily) (01 55 26 00-0025)		
01 55 26 00-0117	EA		Place And Remove Up To 250 Cones By Hand From Roadside.....1.78		
01 55 26 00-0118	EA		Place And Remove >250 Cones By Hand From Roadside.....1.42		
01 55 26 00-0119	EA		Place And Remove Up To 250 Panels/Channelizers By Hand From Roadside.....2.37		
01 55 26 00-0120	EA		Place And Remove >250 Panels/Channelizers By Hand From Roadside.....1.89		
01 55 26 00-0121	EA		Place And Remove Up To 250 Barricades By Hand From Roadside.....3.56		
01 55 26 00-0122	EA		Place And Remove >250 Barricades By Hand From Roadside.....2.84		
01 55 26 00-0123	EA		Place And Remove Portable Sign And Stand From Roadside.....2.23		
01 55 26 00-0124	EA		Place And Remove Trailer Mounted Boards From Roadside.....26.69		
01 55 26 00-0125	EA		Roadside Relocation Of Concrete Traffic Barrier.....36.05 Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.		

01 56 Temporary Barriers And Enclosures (01 50)
Note: Includes removal after use.

01 56 16 Temporary Dust Barriers (01 56)

01 56 16 00-0001			Temporary Plastic Sheeting For Protection (01 56 16) See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0002	SF		6 Mil Plastic Sheeting, Applied To Floors.....0.27		
01 56 16 00-0003	SF		6 Mil Plastic Sheeting, Applied To Walls.....0.36		
01 56 16 00-0004	SF		6 Mil Plastic Sheeting, Applied To Ceilings.....0.49		
01 56 16 00-0005	SF		10 Mil Plastic Sheeting Applied To Scaffolding.....0.50		
01 56 16 00-0006	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors.....0.33		
01 56 16 00-0007	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls.....0.42		
01 56 16 00-0008	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings.....0.55		
01 56 16 00-0009	EA		7' Zipper Door For Plastic Sheeting.....15.18		
01 56 16 00-0010	LF		Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall).....5.32 Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.		
01 56 16 00-0011	EA		Up To 1 SF Individual Critical Barriers.....8.01 Note: For Outlets And Receptacles		
01 56 16 00-0012	EA		>1 To 4 SF Individual Critical Barriers.....12.12 Note: For diffusers, ceiling speakers, return grilles, etc.		
01 56 16 00-0013	EA		>4 To 8 SF Individual Critical Barriers.....16.29 Note: For diffusers, return grilles, access doors, light fixtures, etc.		
01 56 16 00-0014	EA		>8 To 32 SF Individual Critical Barriers.....25.24 Note: For doors, windows, etc.		
01 56 16 00-0015	EA		Magnetic Dust Barrier Door System For Plastic Sheeting.....15.05 Note: Multi use. Excludes spring poles and magnetic strips.		
01 56 16 00-0016	EA		Dust Barrier Spring Pole For Door System, 29" To 50".....4.20 Note: Multi use.		
01 56 16 00-0017	EA		Magnetic Strip For Door System.....2.15 Note: Multi use.		

01 56 16 00-0018 Temporary Stud Wall (01 56 16)

01 56 16 00-0019 Temporary Stud Wall With Drywall (01 56 16 00-0018)
Note: Includes 2 x 4 wood studs installed 16" on center, drywall taped and finished, and removal after use. Excludes paint.

01 56 16 00-0020			Temporary Stud Wall With Drywall (01 56 16 00-0019)		
01 56 16 00-0021	SF		3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.35 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0022	SF		1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.35 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0023	SF		5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.44 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0024	SF		3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....6.07 <i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0025	SF		1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....6.07 <i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0026	SF		5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....6.24 <i>For Metal Studs 24" On Center, Add</i>	0.39	

01 56 16 00-0027 Temporary Stud Wall With Fire Rated Drywall (01 56 16 00-0019)

01 56 16 00-0028	SF		1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.45 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0029	SF		5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.48 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0030	SF		5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....4.43 <i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0031	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....5.09 <i>For Metal Studs 24" On Center, Add</i>	0.33	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 16 00-0032	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.27	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0033	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.32	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0034	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.22	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0035	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.55	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0036		Temporary Stud Wall With Oriented Strand Board (OSB) <small>(01 56 16 00-0018)</small>		
		Note: Includes 2 x 4 wood studs installed 16" on center, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0037	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.27	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0038	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.31	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0039	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.42	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0040	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.48	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0041	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	5.90	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0042	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	5.98	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0043	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.21	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0044	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.33	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0045		Temporary Stud Wall With BC Plywood <small>(01 56 16 00-0018)</small>		
		Note: Includes 2 x 4 wood studs installed 16" on center, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0046	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.54	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0047	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.68	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0048	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.83	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0049	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	4.96	
		<i>For Metal Studs 24" On Center, Add</i>	0.33	
01 56 16 00-0050	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.44	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0051	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	6.73	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0052	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.03	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0053	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	7.28	
		<i>For Metal Studs 24" On Center, Add</i>	0.39	
01 56 16 00-0054		Temporary Stud Wall With Plastic Sheeting <small>(01 56 16 00-0018)</small>		
		Note: Includes 2 x 4 wood studs installed 16" on center, 6 Mil plastic sheeting, and removal after use. Excludes paint.		
01 56 16 00-0055	SF	6 Mil Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	2.46	
01 56 16 00-0056		Temporary Doors <small>(01 56 16 00-0018)</small>		
01 56 16 00-0057	EA	Temporary Metal Door And Frame.....	412.15	
		Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
01 56 16 00-0058		Temporary Floor Protection <small>(01 56 16)</small>		
01 56 16 00-0059	SF	1/2" Plywood For Temporary Floor Protection.....	1.43	
01 56 16 00-0060	SF	3/4" Plywood For Temporary Floor Protection.....	1.74	
01 56 16 00-0061		Sticky Mats <small>(01 56 16)</small>		
01 56 16 00-0062	EA	18" x 36", 30 Layer Sticky Mat.....	20.00	
		<i>For 60 Layers Instead Of 30, Add</i>	12.38	
01 56 16 00-0063	EA	18" x 46", 30 Layer Sticky Mat.....	22.75	
		<i>For 60 Layers Instead Of 30, Add</i>	14.44	
01 56 16 00-0064	EA	24" x 36", 30 Layer Sticky Mat.....	22.75	
		<i>For 60 Layers Instead Of 30, Add</i>	14.44	
01 56 16 00-0065	EA	25" x 45", 30 Layer Sticky Mat.....	29.62	
		<i>For 60 Layers Instead Of 30, Add</i>	19.59	
01 56 16 00-0066	EA	36" x 36", 30 Layer Sticky Mat.....	32.38	
		<i>For 60 Layers Instead Of 30, Add</i>	21.66	
01 56 16 00-0067	EA	36" x 46", 30 Layer Sticky Mat.....	35.12	
		<i>For 60 Layers Instead Of 30, Add</i>	23.72	
01 56 16 00-0068	EA	36" x 60", 30 Layer Sticky Mat.....	69.50	
		<i>For 60 Layers Instead Of 30, Add</i>	49.50	
01 56 16 00-0069	EA	36" x 72", 30 Layer Sticky Mat.....	82.70	

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

01 56 26 Temporary Fencing (01 56)
01 56 26 00-0001 Temporary Fencing (01 56 26)

Note: Includes set-up and removal. Excludes auguring/drilling for posts.

01 56 26 00-0002 Temporary Chain Link Fence (01 56 26 00-0001)

Note: Includes set-up and removal. Excludes auguring/drilling for posts.

01 56 26 00-0003 Temporary Chain Link Fence, Up To 6 Months (01 56 26 00-0002)

01 56 26 00-0004	LF	Temporary 4' High Chain Link Fence And Posts, Up To 6 Months	3.15
		<i>For >100 To 250, Deduct</i>	-0.16
		<i>For >250 To 500, Deduct</i>	-0.32
		<i>For >500, Deduct</i>	-0.47
		<i>For Shade Cloth, Add</i>	1.60
01 56 26 00-0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months	3.56
		<i>For >100 To 250, Deduct</i>	-0.18
		<i>For >250 To 500, Deduct</i>	-0.36
		<i>For >500, Deduct</i>	-0.53
		<i>For Shade Cloth, Add</i>	2.55
01 56 26 00-0006	LF	Temporary 8' High Chain Link Fence And Posts, Up To 6 Months	6.01
		<i>For >100 To 250, Deduct</i>	-0.30
		<i>For >250 To 500, Deduct</i>	-0.60
		<i>For >500, Deduct</i>	-0.90
		<i>For Shade Cloth, Add</i>	3.60
01 56 26 00-0007	LF	Temporary 10' High Chain Link Fence And Posts, Up To 6 Months	17.88
		<i>For >100 To 250, Deduct</i>	-0.89
		<i>For >250 To 500, Deduct</i>	-1.79
		<i>For >500, Deduct</i>	-2.68
		<i>For Shade Cloth, Add</i>	4.75

01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)

01 56 26 00-0009	LF	Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months	3.48
		<i>For >100 To 250, Deduct</i>	-0.17
		<i>For >250 To 500, Deduct</i>	-0.35
		<i>For >500, Deduct</i>	-0.52
		<i>For Shade Cloth, Add</i>	1.60
01 56 26 00-0010	LF	Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months	3.91
		<i>For >100 To 250, Deduct</i>	-0.20
		<i>For >250 To 500, Deduct</i>	-0.39
		<i>For >500, Deduct</i>	-0.59
		<i>For Shade Cloth, Add</i>	2.55
01 56 26 00-0011	LF	Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months	6.61
		<i>For >100 To 250, Deduct</i>	-0.33
		<i>For >250 To 500, Deduct</i>	-0.66
		<i>For >500, Deduct</i>	-0.99
		<i>For Shade Cloth, Add</i>	3.60
01 56 26 00-0012	LF	Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months	19.66
		<i>For >100 To 250, Deduct</i>	-0.98
		<i>For >250 To 500, Deduct</i>	-1.97
		<i>For >500, Deduct</i>	-2.95
		<i>For Shade Cloth, Add</i>	4.75

01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)

01 56 26 00-0014	LF	Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months	3.83
		<i>For >100 To 250, Deduct</i>	-0.19
		<i>For >250 To 500, Deduct</i>	-0.38
		<i>For >500, Deduct</i>	-0.57
		<i>For Shade Cloth, Add</i>	1.60
01 56 26 00-0015	LF	Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months	4.31
		<i>For >100 To 250, Deduct</i>	-0.22
		<i>For >250 To 500, Deduct</i>	-0.43
		<i>For >500, Deduct</i>	-0.65
		<i>For Shade Cloth, Add</i>	2.55
01 56 26 00-0016	LF	Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months	7.28
		<i>For >100 To 250, Deduct</i>	-0.36
		<i>For >250 To 500, Deduct</i>	-0.73
		<i>For >500, Deduct</i>	-1.09
		<i>For Shade Cloth, Add</i>	3.60
01 56 26 00-0017	LF	Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months	21.63
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-2.16
		<i>For >500, Deduct</i>	-3.24
		<i>For Shade Cloth, Add</i>	4.75

01 56 26 00-0018 Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)

01 56 26 00-0019	LF	Temporary 4' High Chain Link Fence And Posts, >18 Months	4.21
		<i>For >100 To 250, Deduct</i>	-0.21
		<i>For >250 To 500, Deduct</i>	-0.42
		<i>For >500, Deduct</i>	-0.63
		<i>For Shade Cloth, Add</i>	1.60
01 56 26 00-0020	LF	Temporary 6' High Chain Link Fence And Posts, >18 Months	4.72
		<i>For >100 To 250, Deduct</i>	-0.24
		<i>For >250 To 500, Deduct</i>	-0.47
		<i>For >500, Deduct</i>	-0.71
		<i>For Shade Cloth, Add</i>	2.55

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0021	LF		Temporary 8' High Chain Link Fence And Posts, >18 Months.....	7.99	
			<i>For >100 To 250, Deduct</i>	-0.40	
			<i>For >250 To 500, Deduct</i>	-0.80	
			<i>For >500, Deduct</i>	-1.20	
			<i>For Shade Cloth, Add</i>	3.60	
01 56 26 00-0022	LF		Temporary 10' High Chain Link Fence And Posts, >18 Months.....	23.78	
			<i>For >100 To 250, Deduct</i>	-1.19	
			<i>For >250 To 500, Deduct</i>	-2.38	
			<i>For >500, Deduct</i>	-3.57	
			<i>For Shade Cloth, Add</i>	4.75	
01 56 26 00-0023			Temporary Chain Link Fence Gates (01 56 26 00-0001)		
			Note: Includes set-up and removal. Excludes auguring/drilling for posts.		
01 56 26 00-0024			Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025			4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	200.98	
			<i>For Shade Cloth, Add</i>	15.01	
01 56 26 00-0027	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	312.64	
			<i>For Shade Cloth, Add</i>	37.52	
01 56 26 00-0028	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	357.30	
			<i>For Shade Cloth, Add</i>	45.02	
01 56 26 00-0029	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	401.96	
			<i>For Shade Cloth, Add</i>	56.28	
01 56 26 00-0030	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	491.28	
			<i>For Shade Cloth, Add</i>	75.03	
01 56 26 00-0031	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	535.97	
			<i>For Shade Cloth, Add</i>	90.04	
01 56 26 00-0032			6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	210.12	
			<i>For Shade Cloth, Add</i>	23.92	
01 56 26 00-0034	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	326.84	
			<i>For Shade Cloth, Add</i>	59.79	
01 56 26 00-0035	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	373.53	
			<i>For Shade Cloth, Add</i>	71.75	
01 56 26 00-0036	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	420.25	
			<i>For Shade Cloth, Add</i>	89.69	
01 56 26 00-0037	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	513.62	
			<i>For Shade Cloth, Add</i>	119.58	
01 56 26 00-0038	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	560.31	
			<i>For Shade Cloth, Add</i>	143.50	
01 56 26 00-0039			8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	231.13	
			<i>For Shade Cloth, Add</i>	33.77	
01 56 26 00-0041	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	359.54	
			<i>For Shade Cloth, Add</i>	84.41	
01 56 26 00-0042	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	410.90	
			<i>For Shade Cloth, Add</i>	101.30	
01 56 26 00-0043	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	462.26	
			<i>For Shade Cloth, Add</i>	126.62	
01 56 26 00-0044	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	564.99	
			<i>For Shade Cloth, Add</i>	168.83	
01 56 26 00-0045	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	616.35	
			<i>For Shade Cloth, Add</i>	202.59	
01 56 26 00-0046			10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	288.91	
			<i>For Shade Cloth, Add</i>	44.55	
01 56 26 00-0048	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	449.42	
			<i>For Shade Cloth, Add</i>	111.38	
01 56 26 00-0049	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	513.62	
			<i>For Shade Cloth, Add</i>	133.65	
01 56 26 00-0050	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	577.83	
			<i>For Shade Cloth, Add</i>	167.07	
01 56 26 00-0051	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	706.23	
			<i>For Shade Cloth, Add</i>	222.76	
01 56 26 00-0052	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	770.43	
			<i>For Shade Cloth, Add</i>	267.31	
01 56 26 00-0053			Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054			4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	211.03	
			<i>For Shade Cloth, Add</i>	15.01	
01 56 26 00-0056	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	328.27	
			<i>For Shade Cloth, Add</i>	37.52	
01 56 26 00-0057	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	375.17	
			<i>For Shade Cloth, Add</i>	45.02	
01 56 26 00-0058	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	422.06	
			<i>For Shade Cloth, Add</i>	56.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0059 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	515.84 75.03	
01 56 26 00-0060 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	562.76 90.04	
01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months <small>(01 56 26 00-0053)</small>		
01 56 26 00-0062 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	220.63 23.92	
01 56 26 00-0063 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	343.19 59.79	
01 56 26 00-0064 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	392.21 71.75	
01 56 26 00-0065 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	441.26 89.69	
01 56 26 00-0066 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	539.30 119.58	
01 56 26 00-0067 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	588.33 143.50	
01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months <small>(01 56 26 00-0053)</small>		
01 56 26 00-0069 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	242.69 33.77	
01 56 26 00-0070 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	377.51 84.41	
01 56 26 00-0071 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	431.44 101.30	
01 56 26 00-0072 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	485.37 126.62	
01 56 26 00-0073 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	593.23 168.83	
01 56 26 00-0074 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	647.16 202.59	
01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months <small>(01 56 26 00-0053)</small>		
01 56 26 00-0076 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	303.36 44.55	
01 56 26 00-0077 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	471.89 111.38	
01 56 26 00-0078 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	539.30 133.65	
01 56 26 00-0079 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	606.72 167.07	
01 56 26 00-0080 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	741.54 222.76	
01 56 26 00-0081 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	808.96 267.31	
01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months <small>(01 56 26 00-0023)</small>		
01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months <small>(01 56 26 00-0082)</small>		
01 56 26 00-0084 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	221.58 15.01	
01 56 26 00-0085 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	344.69 37.52	
01 56 26 00-0086 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	393.93 45.02	
01 56 26 00-0087 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	443.16 56.28	
01 56 26 00-0088 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	541.64 75.03	
01 56 26 00-0089 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	590.90 90.04	
01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months <small>(01 56 26 00-0082)</small>		
01 56 26 00-0091 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	231.66 23.92	
01 56 26 00-0092 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	360.35 59.79	
01 56 26 00-0093 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	411.82 71.75	
01 56 26 00-0094 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	463.32 89.69	
01 56 26 00-0095 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	566.27 119.58	
01 56 26 00-0096 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	617.74 143.50	
01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months <small>(01 56 26 00-0082)</small>		
01 56 26 00-0098 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	254.82 33.77	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0099	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	396.39	
			<i>For Shade Cloth, Add</i>	84.41	
01 56 26 00-0100	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	453.02	
			<i>For Shade Cloth, Add</i>	101.30	
01 56 26 00-0101	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	509.64	
			<i>For Shade Cloth, Add</i>	126.62	
01 56 26 00-0102	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	622.90	
			<i>For Shade Cloth, Add</i>	168.83	
01 56 26 00-0103	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	679.52	
			<i>For Shade Cloth, Add</i>	202.59	
01 56 26 00-0104			10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0105	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	318.53	
			<i>For Shade Cloth, Add</i>	44.55	
01 56 26 00-0106	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	495.49	
			<i>For Shade Cloth, Add</i>	111.38	
01 56 26 00-0107	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	566.27	
			<i>For Shade Cloth, Add</i>	133.65	
01 56 26 00-0108	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	637.05	
			<i>For Shade Cloth, Add</i>	167.07	
01 56 26 00-0109	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	778.62	
			<i>For Shade Cloth, Add</i>	222.76	
01 56 26 00-0110	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	849.40	
			<i>For Shade Cloth, Add</i>	267.31	
01 56 26 00-0111			Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)		
01 56 26 00-0112			4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0113	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	232.13	
			<i>For Shade Cloth, Add</i>	15.01	
01 56 26 00-0114	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	361.10	
			<i>For Shade Cloth, Add</i>	37.52	
01 56 26 00-0115	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	412.68	
			<i>For Shade Cloth, Add</i>	45.02	
01 56 26 00-0116	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	464.27	
			<i>For Shade Cloth, Add</i>	56.28	
01 56 26 00-0117	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	567.43	
			<i>For Shade Cloth, Add</i>	75.03	
01 56 26 00-0118	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	619.04	
			<i>For Shade Cloth, Add</i>	90.04	
01 56 26 00-0119			6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0120	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	242.69	
			<i>For Shade Cloth, Add</i>	23.92	
01 56 26 00-0121	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	377.50	
			<i>For Shade Cloth, Add</i>	59.79	
01 56 26 00-0122	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	431.43	
			<i>For Shade Cloth, Add</i>	71.75	
01 56 26 00-0123	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	485.38	
			<i>For Shade Cloth, Add</i>	89.69	
01 56 26 00-0124	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	593.23	
			<i>For Shade Cloth, Add</i>	119.58	
01 56 26 00-0125	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	647.16	
			<i>For Shade Cloth, Add</i>	143.50	
01 56 26 00-0126			8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0127	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	266.96	
			<i>For Shade Cloth, Add</i>	33.77	
01 56 26 00-0128	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	415.26	
			<i>For Shade Cloth, Add</i>	84.41	
01 56 26 00-0129	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	474.59	
			<i>For Shade Cloth, Add</i>	101.30	
01 56 26 00-0130	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	533.91	
			<i>For Shade Cloth, Add</i>	126.62	
01 56 26 00-0131	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	652.56	
			<i>For Shade Cloth, Add</i>	168.83	
01 56 26 00-0132	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	711.88	
			<i>For Shade Cloth, Add</i>	202.59	
01 56 26 00-0133			10' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0134	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	333.69	
			<i>For Shade Cloth, Add</i>	44.55	
01 56 26 00-0135	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	519.08	
			<i>For Shade Cloth, Add</i>	111.38	
01 56 26 00-0136	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	593.23	
			<i>For Shade Cloth, Add</i>	133.65	
01 56 26 00-0137	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	667.39	
			<i>For Shade Cloth, Add</i>	167.07	
01 56 26 00-0138	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	815.70	
			<i>For Shade Cloth, Add</i>	222.76	
01 56 26 00-0139	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	889.85	
			<i>For Shade Cloth, Add</i>	267.31	

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

01 56 26 00-0140	Temporary Chain Link Fence Panels (Portable) <small>(01 56 26 00-0001)</small>		
	Note: Includes set-up and removal. Excludes sandbags.		
01 56 26 00-0141	Temporary Chain Link Fence Panels (Portable), Up To 6 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0142	LF Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months.....	3.78	
	For >100 To 250, Deduct	-0.19	
	For >250 To 500, Deduct	-0.38	
	For >500, Deduct	-0.57	
	For Shade Cloth, Add	1.60	
01 56 26 00-0143	LF Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months.....	4.23	
	For >100 To 250, Deduct	-0.21	
	For >250 To 500, Deduct	-0.42	
	For >500, Deduct	-0.63	
	For Shade Cloth, Add	2.55	
01 56 26 00-0144	LF Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months.....	6.82	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.68	
	For >500, Deduct	-1.02	
	For Shade Cloth, Add	3.60	
01 56 26 00-0145	Temporary Chain Link Fence Panels (Portable), >6 To 12 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0146	LF Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	4.10	
	For >100 To 250, Deduct	-0.21	
	For >250 To 500, Deduct	-0.41	
	For >500, Deduct	-0.62	
	For Shade Cloth, Add	1.60	
01 56 26 00-0147	LF Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	4.58	
	For >100 To 250, Deduct	-0.23	
	For >250 To 500, Deduct	-0.46	
	For >500, Deduct	-0.69	
	For Shade Cloth, Add	2.55	
01 56 26 00-0148	LF Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months.....	7.42	
	For >100 To 250, Deduct	-0.37	
	For >250 To 500, Deduct	-0.74	
	For >500, Deduct	-1.11	
	For Shade Cloth, Add	3.60	
01 56 26 00-0149	Temporary Chain Link Fence Panels (Portable), >12 To 18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0150	LF Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months.....	4.42	
	For >100 To 250, Deduct	-0.22	
	For >250 To 500, Deduct	-0.44	
	For >500, Deduct	-0.66	
	For Shade Cloth, Add	1.60	
01 56 26 00-0151	LF Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months.....	4.99	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.50	
	For >500, Deduct	-0.75	
	For Shade Cloth, Add	2.55	
01 56 26 00-0152	LF Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months.....	8.09	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.81	
	For >500, Deduct	-1.21	
	For Shade Cloth, Add	3.60	
01 56 26 00-0153	Temporary Chain Link Fence Panels (Portable), >18 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0154	LF Temporary 4' High Chain Link Fence Panels (Portable), >18 Months.....	4.83	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.48	
	For >500, Deduct	-0.72	
	For Shade Cloth, Add	1.60	
01 56 26 00-0155	LF Temporary 6' High Chain Link Fence Panels (Portable), >18 Months.....	5.39	
	For >100 To 250, Deduct	-0.27	
	For >250 To 500, Deduct	-0.54	
	For >500, Deduct	-0.81	
	For Shade Cloth, Add	2.55	
01 56 26 00-0156	LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months.....	8.79	
	For >100 To 250, Deduct	-0.44	
	For >250 To 500, Deduct	-0.88	
	For >500, Deduct	-1.32	
	For Shade Cloth, Add	3.60	
01 56 26 00-0157	Temporary Chain Link Fence Panels (Portable) Sandbags <small>(01 56 26 00-0140)</small>		
01 56 26 00-0158	BAG Temporary Chain Link Fence Panels (Portable) Sandbag.....	5.21	
	Note: Includes placement and removal.		
01 56 26 00-0159	Relocate Chain Link Fence, Gates And Panels <small>(01 56 26 00-0001)</small>		
	Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160	Relocate Temporary Chain Link Fence On Site <small>(01 56 26 00-0159)</small>		
01 56 26 00-0161	LF Relocate Temporary 4' High Chain Link Fence And Posts.....	2.48	
01 56 26 00-0162	LF Relocate Temporary 6' High Chain Link Fence And Posts.....	3.72	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 56 26 00-0163	LF	Relocate Temporary 8' High Chain Link Fence And Posts	5.37
01 56 26 00-0164	LF	Relocate Temporary 10' High Chain Link Fence And Posts	6.61
01 56 26 00-0165		Relocate Temporary Chain Link Fence Panels On Site <small>(01 56 26 00-0159)</small>	
01 56 26 00-0166	LF	Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.70
01 56 26 00-0167	LF	Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.84
01 56 26 00-0168	LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	0.94
01 56 26 00-0169		Relocate Temporary Chain Link Gates On Site <small>(01 56 26 00-0159)</small>	
01 56 26 00-0170	EA	Relocate Temporary 4' High Chain Link Vehicle Gate And Posts.....	91.11
01 56 26 00-0171	EA	Relocate Temporary 6' High Chain Link Vehicle Gate And Posts.....	105.13
01 56 26 00-0172	EA	Relocate Temporary 8' High Chain Link Vehicle Gate And Posts.....	129.67
01 56 26 00-0173	EA	Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....	140.18
01 56 26 00-0174		Temporary Safety Fence <small>(01 56 26)</small>	
		Note: Includes removal after use.	
01 56 26 00-0175	LF	Temporary Safety Fence, Plastic Mesh, 48" High With Posts At 8' On Center.....	2.41
01 56 29		Temporary Protective Walkways <small>(01 56)</small>	
01 56 29 00-0001		Temporary Walkways And Railings <small>(01 56 29)</small>	
01 56 29 00-0002	LF	Temporary Wooden Guardrail With Top-Rail With Two Side Rails On 36" High 2 x 4 Posts 18" On Center Attached To Walkway.....	8.94
		Note: Excludes walkway.	
01 56 29 00-0003	SF	Temporary Walkway With 3/4" Plywood On 2 x 6 Stringers.....	4.43
01 56 29 00-0004	RSR	Temporary Stairs On 2 x 12 Stringers (Cost Per Riser).....	15.52
01 56 29 00-0005		Safety Nets <small>(01 56 29)</small>	
01 56 29 00-0006	SF	Small Mesh Debris Netting	1.37
		Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.	
01 56 33		Temporary Security Barriers <small>(01 56)</small>	
01 56 33 00-0001		Temporary Fiberglass Panels <small>(01 56 33)</small>	
01 56 33 00-0002	SF	Prefabricated Fiberglass Panels.....	1.39
01 56 33 00-0003		Street Barricade <small>(01 56 33)</small>	
01 56 33 00-0004	LF	Temporary Street Barricade, Using 12" x 12" Beam As Base With 2" x 4" Top Warning Rail And Sides, Per Month.....	7.89
01 56 33 00-0005		Temporary Safety Guardrail <small>(01 56 33)</small>	
		Note: Includes removal after use.	
01 56 33 00-0006	LF	42" High, Wood Temporary Safety Guardrail.....	22.70
		Note: Includes 2" x 4" construction, top, middle and bottom horizontal rails, and post boots. For Attachment To A Concrete Substrate, Add	1.13
01 56 33 00-0007		Board-up Opening With Plywood <small>(01 56 33)</small>	
		Note: For use where directed by owner for boarding up door and window openings.	
01 56 33 00-0008	OPN	Remove Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	10.51
01 56 33 00-0009	SF	Board-up Opening With 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners.....	5.79
01 56 33 00-0010	SF	Board-up Opening With 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners.....	6.71
01 56 39		Temporary Tree And Plant Protection <small>(01 56)</small>	
01 56 39 00-0001		Temporary Tree Guards <small>(01 56 39)</small>	
		Note: Includes digging holes and removal.	
01 56 39 00-0002	EA	Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	136.62
01 56 39 00-0003	EA	4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	157.77
01 56 39 00-0004	EA	6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	170.55
01 57		Temporary Controls <small>(01 50)</small>	
01 57 13		Temporary Erosion And Sediment Control <small>(01 57)</small>	
		See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.	
01 57 23		Temporary Storm Water Pollution Control <small>(01 57)</small>	
		See CSI section 31 25 00 00-0000 for temporary storm water pollution control.	
01 57 23 00-0001		Temporary Drain Guard <small>(01 57 23)</small>	
		Note: Includes removal after use.	
01 57 23 00-0002	EA	36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	64.50
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)	63.47
		Note: Up to 0.87 gallons oil, up to 40 lbs sediment.	

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

01 57 23 00-0004	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219).....	77.96	
		Note: Up to 1.38 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0005	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356).....	76.92	
		Note: Up to 1.55 gallons oil, up to 40 lbs sediment.		
01 57 23 00-0006	EA	60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358).....	92.45	
		Note: Up to 2.06 gallons oil, up to 40 lbs sediment.		

01 58 Project Identification (01 50)

Note: Includes removal after use.

01 58 13 Temporary Project Signage (01 58)

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

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

Note: Excludes posts.

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

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

01 58 13 00-0005	EA	Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	100.51	
		For High-Intensity Grade, Add	21.69	
		For Diamond Grade, Add	41.82	
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	164.24	20.15
		For High-Intensity Grade, Add	43.38	
		For Diamond Grade, Add	83.65	
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	227.95	21.03
		For High-Intensity Grade, Add	65.06	
		For Diamond Grade, Add	125.48	
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	291.66	21.91
		For High-Intensity Grade, Add	86.75	
		For Diamond Grade, Add	167.30	
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	9.15	0.70
		For High-Intensity Grade, Add	2.71	
		For Diamond Grade, Add	5.23	

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

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

01 58 13 00-0012	EA	Up To 8 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	122.62	
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	144.44	20.15
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	178.19	21.03
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	210.09	21.91
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non Reflectorized, MDO Plywood Sign	6.60	0.70

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

01 58 13 00-0018	EA	Up To 8 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	124.98	
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	157.20	20.15
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	191.16	21.03
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	221.21	21.91
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non Reflectorized, MDO Plywood Sign	6.94	0.70

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

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

01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts	10.83	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	8.39	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	9.84	

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

01 58 13 00-0028	EA	Install And Remove Owner Supplied Project Sign	70.10	
------------------	----	--	-------	--

01 60 Product Requirements (01)

01 66 Product Storage And Handling Requirements (01 60)

01 66 19 Material Handling (01 66)

Note: Not for use in conjunction with other tasks when the distance is less than 2 stories with attic (2-1/2 stories) or less than 125'.

01 66 19 00-0001 Material Handling Between Floors (01 66 19)

01 66 19 00-0002	CY	Moving Material Via Stairs, Per CY Of Material Per Floor	13.48	
		Note: Quantity equals material volume times number of floors traveled.		
01 66 19 00-0003	CY	Moving Material Via Elevator, Per CY Of Material	8.77	
		Note: Quantity equals material volume. If more than one elevator is used, the quantity is factored by the number of transfers.		
01 66 19 00-0004	CY	Moving Material Via Freight Elevator, Per CY Of Material Per Trip	12.76	

01 General Requirements**01 60 Product Requirements****01 66 Product Storage And Handling Requirements**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 66 19 00-0005	Moving Furniture <small>(01 66 19)</small>		
	Note: To be used when contractor is required to move furniture. Not to be used when the amount of furniture is less than 55% of the total floor space. Moving of furniture which occupies less than 55% of the total floor space is considered as part of the coefficient adjustment factor.		
01 66 19 00-0006	SF Remove, Transport, Return And Reinstall Office Furniture.....	0.87	
	Note: Includes general, desks, tables, file cabinets (full), chairs, storage boxes, bookshelves, office equipment and computers (per SF of office area). Not to be used when amount of furniture is less than 55% of total floor space.		
01 66 19 00-0007	Material Handling For Distances Greater Than 125' <small>(01 66 19)</small>		
01 66 19 00-0008	CY Handling Material For Over 125' Per CY Of Material Per 125'.....	12.77	
	Note: For delivery, demolition or miscellaneous moving required by owner.		
01 66 19 00-0009	CY Handling Material With 2 CY Cart For Over 125', Per 125'.....	21.91	
	Note: For delivery, demo or miscellaneous moving required by owner. Includes wrapping of cart and two person for movement.		
01 66 19 00-0010	Rubbish Handling Between Floors <small>(01 66 19)</small>		
	Note: Only use with selective demolition tasks to transfer demolished material more than 2-1/2 stories.		
01 66 19 00-0011	CY Rubbish Handling Via Stairs, Per CY Of Material Per Floor.....	12.26	
	Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0012	CY Rubbish Handling Via Elevator, Per CY Of Material.....	7.30	
	Note: Quantity equals material volume times bulk factor. If more than one elevator is used, the quantity is factored by the number of transfers.		
01 66 19 00-0013	CY Rubbish Handling Via Freight Elevator, Per CY Of Material Per Trip.....	11.49	

01 70 Execution And Closeout Requirements (01)**01 71 Examination And Preparation (01 70)****01 71 13 Mobilization (01 71)**

01 71 13 00-0001	Equipment Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small>		
	Note: Excludes flagman for traffic control where necessary.		
01 71 13 00-0002	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck.....	201.32	
	Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom manlifts with up to 40' boom lengths, etc.		
01 71 13 00-0003	EA Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....	402.63	
	Note: Includes delivery of equipment, off loading on site, rigging, dismantling, loading and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom manlifts with >40' boom lengths, etc.		
01 71 13 00-0004	Crane Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small>		
	Note: Includes delivery of equipment, off loading on site and rigging. Return includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01 71 13 00-0005	EA Up To 20 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	260.40	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	65.10	
	For >60 To 100 Miles Radius, Add	104.16	
01 71 13 00-0006	EA 20 To 30 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	374.98	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	93.75	
	For >60 To 100 Miles Radius, Add	149.99	
01 71 13 00-0007	EA 40 To 50 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	499.97	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	124.99	
	For >60 To 100 Miles Radius, Add	199.99	
01 71 13 00-0008	EA 70 To 100 Ton Lift Move On/Off Cost, Truck Mounted Crane.....	812.45	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	203.11	
	For >60 To 100 Miles Radius, Add	324.98	
01 71 13 00-0009	EA 75 Ton Lift Move On/Off Cost, Mechanical Crane.....	641.63	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	160.41	
	For >60 To 100 Miles Radius, Add	256.65	
01 71 13 00-0010	EA 100 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,041.60	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	260.40	
	For >60 To 100 Miles Radius, Add	416.64	
01 71 13 00-0011	EA 125 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,291.58	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	322.90	
	For >60 To 100 Miles Radius, Add	516.63	
01 71 13 00-0012	EA 150 Ton Lift Move On/Off Cost, Mechanical Crane.....	1,604.06	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	401.02	
	For >60 To 100 Miles Radius, Add	641.62	
01 71 13 00-0013	EA 250 Ton Lift Move On/Off Cost, Mechanical Crane.....	2,916.48	
	Note: Includes delivery and pickup.		
	For >30 To 60 Miles Radius, Add	729.12	
	For >60 To 100 Miles Radius, Add	1,166.59	

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

01 71 13 00-0014	EA		300 Ton Lift Move On/Off Cost, Mechanical Crane 4,166.40 Note: Includes delivery and pickup. For >30 To 60 Miles Radius, Add 1,041.60 For >60 To 100 Miles Radius, Add 1,666.56		
01 71 13 00-0015	EA		500 Ton Lift Move On/Off Cost, Mechanical Crane 6,249.60 Note: Includes delivery and pickup. For >30 To 60 Miles Radius, Add 1,562.40 For >60 To 100 Miles Radius, Add 2,499.84		

01 71 23 Field Engineering (01 71)

01 71 23 16 Construction Surveying (01 71 23)

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

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

01 71 23 16-0002	ACR		Survey Clear Area With Few To No Obstacles 765.98		
01 71 23 16-0003	ACR		Survey Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings) 2,196.49		
01 71 23 16-0004	ACR		Survey Clear Area With Few Structures, And/Or Wooded (5-25% Buildings) 3,149.72		
01 71 23 16-0005	ACR		Survey Developed Areas With Several Structures (25-65% Buildings) 4,772.21		
01 71 23 16-0006	ACR		Survey Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings) 5,988.21		

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

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

01 71 23 16-0008	LF		Survey Property Lines On Cleared Land 1.81		
01 71 23 16-0009	LF		Survey Property Lines On Slightly Wooded Land 2.10		
01 71 23 16-0010	LF		Survey Property Lines On Wooded Land 2.46		

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

01 71 23 16-0012	EA		3' Precast Survey Monument 118.66 For Owner Furnished Monument, Deduct -51.20		
01 71 23 16-0013	EA		Precast Survey Monument Box With Cast Iron Frame And Cover 165.43		
01 71 23 16-0014	EA		Riser Ring For Survey Monument 83.44		
01 71 23 16-0015	EA		Adjust Survey Monument Cover To Grade 51.20		

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

01 71 23 16-0017	LF		Facade Survey And Reports (LF Of Facade x Number Of Floors) 4.98		
------------------	----	--	--	--	--

01 71 36 Non-Destructive Concrete Examination (01 71)

01 71 36 00-0001 X-Ray And Electromagnetic Survey (01 71 36)

Note: To locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR). Includes printed reports.

01 71 36 00-0002 X-Ray Or Electromagnetic Survey Minimum Set-Up Charge (01 71 36 00-0001)

01 71 36 00-0003	EA		X-Ray Or Electromagnetic Survey Minimum Set-Up Charge 638.17 Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
------------------	----	--	--	--	--

01 71 36 00-0004 X-Ray Survey (01 71 36 00-0001)

01 71 36 00-0005	EA		X-Ray Survey Up To 2 SF Of Concrete, Masonry Or Asphalt 138.02 For >8 To 25, Deduct -31.25		
------------------	----	--	---	--	--

01 71 36 00-0006 Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)

01 71 36 00-0007	EA		Electromagnetic (SIR/GPR) Survey Up To 4 SF Of Concrete, Masonry Or Asphalt 276.05		
01 71 36 00-0008	EA		Electromagnetic (SIR/GPR) Survey >4 To 500 SF Of Concrete, Masonry Or Asphalt 552.10		
01 71 36 00-0009	SF		Electromagnetic (SIR/GPR) Survey >500 SF Of Concrete, Masonry Or Asphalt 1.10		

01 74 Cleaning And Waste Management (01 70)

01 74 13 Progress Cleaning (01 74)

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

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

01 74 13 00-0002	CSF		Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent 17.54		
01 74 13 00-0003	CY		Collect Existing Debris And Load Into Truck Or Dumpster 20.54 Note: Per CY of debris removed.		
01 74 13 00-0004	CSF		Wet Mop, Disinfect And HEPA Vacuum Floors (Three Step Process) 16.43 Note: For use in contained areas for Class III or IV infection control.		

01 74 16 Site Maintenance (01 74)

01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance (01 74 16)

Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Do not use these tasks in conjunction with related installation/demolition tasks in the Construction Task Catalog®.

01	General Requirements
01 70	Execution And Closeout Requirements
01 74	Cleaning And Waste Management

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

01 74 16 00-0002			Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)		
01 74 16 00-0003	MSF		Sweep Parking Lot, With Street Sweeper	14.41	
01 74 16 00-0004	MSF		Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads	17.29	
01 74 19			Construction Waste Management And Disposal (01 74)		
			Note: Tasks in this section shall be used as directed by owner.		
01 74 19 00-0001			Debris Chutes (01 74 19)		
			Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.		
01 74 19 00-0002			Steel Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0003	LF		18" Diameter, Steel Temporary Debris Chute	23.85	
01 74 19 00-0004	LF		30" Diameter, Steel Temporary Debris Chute	35.71	
01 74 19 00-0005			Plastic Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0006	LF		24" Diameter, Plastic Temporary Debris Chute	9.43	
			For Steel Liner, Add	1.80	
01 74 19 00-0007	LF		30" Diameter, Plastic Temporary Debris Chute	10.80	
			For Steel Liner, Add	2.07	
01 74 19 00-0008	LF		36" Diameter, Plastic Temporary Debris Chute	12.17	
			For Steel Liner, Add	2.33	
01 74 19 00-0009			Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010	LF		4' x 4', Wood Temporary Debris Chute	18.03	
			Note: Includes fabrication and installation.		
01 74 19 00-0011			Construction Dumpsters Rental (01 74 19)		
			Note: Includes delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides & pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012	EA		6 CY Dumpster (1 Ton) "Construction Debris"	278.83	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0013	EA		10 CY Dumpster (1.5 Ton) "Construction Debris"	310.69	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0014	EA		15 CY Dumpster (2 Ton) "Construction Debris"	309.21	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0015	EA		20 CY Dumpster (3 Ton) "Construction Debris"	419.60	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0016	EA		30 CY Dumpster (4 Ton) "Construction Debris"	477.99	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0017	EA		40 CY Dumpster (5 Ton) "Construction Debris"	578.41	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
			For Each Ton Over Indicated Amount, Add	42.00	
01 74 19 00-0018	EA		10 CY Low-Boy Dumpster "Concrete Or Asphalt Only"	578.41	
			Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.		
01 74 19 00-0019	EA		15 CY Low-Boy Dumpster Clean Recyclable	664.35	
			Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
01 74 19 00-0020	EA		15 CY Low-Boy Dumpster Mixed Recyclable	713.92	
			Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
01 74 19 00-0021			Concrete Washout Service (01 74 19)		
01 74 19 00-0022	MO		Rampless Concrete Washout Bin	361.10	
			Note: Includes delivery.		
01 74 19 00-0023	MO		Ramped Concrete Washout Bin	433.32	
			Note: Includes delivery.		
01 74 19 00-0024	EA		Interim Vacuum Service, Concrete Washout Bin	309.84	
			Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.		
01 74 19 00-0025	EA		Vacuum, Pickup, Swap And Dump, Concrete Washout Bin	671.32	
			Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.		
01 74 19 00-0026			Debris Processing Fee (01 74 19)		
01 74 19 00-0027			Recycler Fees (01 74 19 00-0026)		
			Note: Does not apply with use of dumpsters. Excludes hauling.		
01 74 19 00-0028	CY		Drop-Off Asphalt At Recycling Center	14.48	
01 74 19 00-0029	CY		Drop-Off Concrete At Recycling Center	7.24	

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

01 74 19 00-0030	Landfill Dump Fees <small>(01 74 19 00-0026)</small>		
	Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.		
01 74 19 00-0031	CY Traditional Building Construction Materials Landfill Dump Fee.....	9.64	
01 74 19 00-0032	CY Trees, Stumps And Brush, Landfill Dump Fee.....	11.60	
01 74 19 00-0033	CY Rubbish Landfill Dump Fee.....	9.46	
01 74 19 00-0034	CY Hazardous Materials And Rubbish (Paint Cans, Etcetera) Landfill Dump Fee	27.66	
01 74 19 00-0035	CY Excavated Dirt Landfill Dump Fee	9.28	
01 74 19 00-0036	CY Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	19.66	
01 74 19 00-0037	TON Traditional Building Construction Materials, Landfill Dump Fee.....	42.00	

01 74 19 00-0038	Hauling <small>(01 74 19)</small>		
	Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.		
01 74 19 00-0039	CYM Hauling On Paved Roads, First 15 Miles	0.64	
01 74 19 00-0040	CYM Hauling On Paved Roads, Miles Over Initial 15 Miles.....	0.43	
01 74 19 00-0041	CYM Hauling On Unimproved Roads, First 15 Miles.....	0.98	
01 74 19 00-0042	CYM Hauling On Unimproved Roads, Miles Over Initial 15 Miles.....	0.77	

01 74 23 Final Cleaning (01 74)

01 74 23 00-0001	Glass <small>(01 74 23)</small>		
01 74 23 00-0002	CSF Clean Existing Glass Surfaces.....	22.90	

01 90 Life Cycle Activities (01)

01 91 Commissioning (01 90)

01 91 13 General Commissioning Requirements (01 91)

01 91 13 00-0001	Commissioning Of Systems <small>(01 91 13)</small>		
	Note: For use with commissioning of mechanical and electrical systems.		
01 91 13 00-0002	HR Commissioning - Fire Protection Sprinkler Systems	127.98	
01 91 13 00-0003	HR Commissioning - Plumbing Systems	167.74	
01 91 13 00-0004	HR Commissioning - HVAC/Mechanical Systems	188.71	
01 91 13 00-0005	HR Commissioning - Electrical/Fire Alarms/Security Systems.....	171.37	

END OF SECTION 01

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



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 Existing Conditions

02 20 Assessment ⁽⁰²⁾

02 25 Existing Material Assessment ^(02 20)

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

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

02 30 Subsurface Investigation ⁽⁰²⁾

02 32 Geotechnical Investigations ^(02 30)

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

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

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

02 32 13 00-0002 EA Mobilization Of Drilling Crew..... 888.93

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

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals..... 21.95

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

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples..... 31.73

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples..... 34.79

02 32 13 00-0008 Drilling In Rock, AW Core (1.25") ^(02 32 13)

02 32 13 00-0009 LF Drill In Rock, AW Core..... 65.71

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With AW Core Boxes..... 5.59

02 32 13 00-0011 Drilling In Rock, BW Core (2.125") ^(02 32 13)

02 32 13 00-0012 LF Drill In Rock, BW Core..... 70.65

Note: Includes sampling.

02 32 13 00-0013 LF Drill In Rock, BW Core, With Casing..... 76.32

Note: Includes sampling.

02 32 13 00-0014 EA Drill In Rock, With BW Core Boxes..... 5.59

02 32 13 00-0015 Drilling In Rock, NW Core (2.98") ^(02 32 13)

02 32 13 00-0016 LF Drill In Rock, NW Core..... 78.52

Note: Includes sampling.

02 32 13 00-0017 LF Drill In Rock, NW Core, With Casing..... 85.12

Note: Includes sampling.

02 32 13 00-0018 EA Drill In Rock, With NW Core Boxes..... 6.44

02 32 13 00-0019 Test Pits For Boring Activities ^(02 32 13)

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

02 32 13 00-0020 Backhoe Dug Test Pits ^(02 32 13 00-0019)

02 32 13 00-0021 CY Excavation For Test Pit, Light Material, Backhoe Excavation..... 48.29

02 32 13 00-0022 CY Excavation For Test Pits, Medium Material, Backhoe Excavation..... 56.35

02 32 13 00-0023 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation..... 75.13

02 32 13 00-0024 Shelby Tube Sampling ^(02 32 13)

02 32 13 00-0025 EA Shelby Tube Sampling..... 27.06

02 32 13 00-0026 EA Penetration Test..... 22.05

02 32 13 00-0027 Grouting ^(02 32 13)

02 32 13 00-0028 VLF Boreholes..... 5.13

02 40 Demolition And Structure Moving ⁽⁰²⁾

02 41 Demolition ^(02 40)

02 41 13 Selective Site Demolition ^(02 41)

02 41 13 13 Paving Removal ^(02 41 13)

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

MINOR	CSI	UOM	DESCRIPTION
-------	-----	-----	-------------

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

02 41 13 13-0001	By Machine, Break-up And Leave In Place Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
	Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.	
02 41 13 13-0002	SY Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	4.86
	For >500 To 1,000, Deduct	-0.49
	For >1,000 To 2,500, Deduct	-0.87
	For >2,500 To 5,000, Deduct	-1.26
	For >5,000 To 10,000, Deduct	-1.65
	For >10,000, Deduct	-2.04
02 41 13 13-0003	SY >3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	7.29
	For >500 To 1,000, Deduct	-0.73
	For >1,000 To 2,500, Deduct	-1.31
	For >2,500 To 5,000, Deduct	-1.90
	For >5,000 To 10,000, Deduct	-2.48
	For >10,000, Deduct	-3.06
02 41 13 13-0004	SY >6" To 8" By Machine, Break-up And Leave In Place Bituminous Paving	9.73
	For >500 To 1,000, Deduct	-0.97
	For >1,000 To 2,500, Deduct	-1.75
	For >2,500 To 5,000, Deduct	-2.53
	For >5,000 To 10,000, Deduct	-3.31
	For >10,000, Deduct	-4.09
02 41 13 13-0005	SY Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	8.84
	For >500 To 1,000, Deduct	-0.88
	For >1,000 To 2,500, Deduct	-1.59
	For >2,500 To 5,000, Deduct	-2.30
	For >5,000 To 10,000, Deduct	-3.01
	For >10,000, Deduct	-3.71
02 41 13 13-0006	SY >3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	12.47
	For >500 To 1,000, Deduct	-1.25
	For >1,000 To 2,500, Deduct	-2.24
	For >2,500 To 5,000, Deduct	-3.24
	For >5,000 To 10,000, Deduct	-4.24
	For >10,000, Deduct	-5.24
02 41 13 13-0007	SY >6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	17.68
	For >500 To 1,000, Deduct	-1.77
	For >1,000 To 2,500, Deduct	-3.18
	For >2,500 To 5,000, Deduct	-4.60
	For >5,000 To 10,000, Deduct	-6.01
	For >10,000, Deduct	-7.43
02 41 13 13-0008	SY >9" To 14" By Machine, Break-up And Leave In Place Concrete Paving.....	24.95
	For >500 To 1,000, Deduct	-2.50
	For >1,000 To 2,500, Deduct	-4.49
	For >2,500 To 5,000, Deduct	-6.49
	For >5,000 To 10,000, Deduct	-8.48
	For >10,000, Deduct	-10.48
02 41 13 13-0009	SY >14" To 19" By Machine, Break-up And Leave In Place Concrete Paving.....	32.64
	For >500 To 1,000, Deduct	-3.26
	For >1,000 To 2,500, Deduct	-5.88
	For >2,500 To 5,000, Deduct	-8.49
	For >5,000 To 10,000, Deduct	-11.10
	For >10,000, Deduct	-13.71
02 41 13 13-0010	SY >19" To 24" By Machine, Break-up And Leave In Place Concrete Paving.....	42.42
	For >500 To 1,000, Deduct	-4.24
	For >1,000 To 2,500, Deduct	-7.64
	For >2,500 To 5,000, Deduct	-11.03
	For >5,000 To 10,000, Deduct	-14.42
	For >10,000, Deduct	-17.82

02 41 13 13-0011	By Hand, Break-up And Leave In Place Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
	Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.	
02 41 13 13-0012	SF Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.30
02 41 13 13-0013	SF >3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	1.65
02 41 13 13-0014	SF >6" To 8" By Hand, Break-up And Leave In Place Bituminous Paving	2.18
02 41 13 13-0015	SF Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	1.63
02 41 13 13-0016	SF >3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.07
02 41 13 13-0017	SF Break-Up >6" To 8" Concrete Paving By Hand With Material Left In Place After Break-up	2.73

02 41 13 13-0018	By Machine, Break-up And Remove Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
	Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0019 SY Up To 3" By Machine, Break-up And Remove Bituminous Paving	9.87	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	2.96	
For Elevated Slab, Add	4.94	
For >500 To 1,000, Deduct	-0.99	
For >1,000 To 2,500, Deduct	-1.78	
For >2,500 To 5,000, Deduct	-2.57	
For >5,000 To 10,000, Deduct	-3.36	
For >10,000, Deduct	-4.15	
02 41 13 13-0020 SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	13.47	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.04	
For Elevated Slab, Add	6.74	
For >500 To 1,000, Deduct	-1.35	
For >1,000 To 2,500, Deduct	-2.42	
For >2,500 To 5,000, Deduct	-3.50	
For >5,000 To 10,000, Deduct	-4.58	
For >10,000, Deduct	-5.66	
02 41 13 13-0021 SY Up To 3" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	11.34	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	3.40	
For Elevated Slab, Add	5.67	
For >500 To 1,000, Deduct	-1.13	
For >1,000 To 2,500, Deduct	-2.04	
For >2,500 To 5,000, Deduct	-2.95	
For >5,000 To 10,000, Deduct	-3.86	
For >10,000, Deduct	-4.76	
02 41 13 13-0022 SY >3" To 6" By Machine, Break-up And Remove Non Reinforced Concrete Paving.....	14.84	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.45	
For Elevated Slab, Add	7.42	
For >500 To 1,000, Deduct	-1.48	
For >1,000 To 2,500, Deduct	-2.67	
For >2,500 To 5,000, Deduct	-3.86	
For >5,000 To 10,000, Deduct	-5.05	
For >10,000, Deduct	-6.23	
02 41 13 13-0023 SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	15.06	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.52	
For Elevated Slab, Add	7.53	
For >500 To 1,000, Deduct	-1.51	
For >1,000 To 2,500, Deduct	-2.71	
For >2,500 To 5,000, Deduct	-3.92	
For >5,000 To 10,000, Deduct	-5.12	
For >10,000, Deduct	-6.33	
02 41 13 13-0024 SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	19.52	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.86	
For Elevated Slab, Add	9.76	
For >500 To 1,000, Deduct	-1.95	
For >1,000 To 2,500, Deduct	-3.51	
For >2,500 To 5,000, Deduct	-5.08	
For >5,000 To 10,000, Deduct	-6.64	
For >10,000, Deduct	-8.20	
02 41 13 13-0025 SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	32.35	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	9.71	
For Elevated Slab, Add	16.18	
For >500 To 1,000, Deduct	-3.24	
For >1,000 To 2,500, Deduct	-5.82	
For >2,500 To 5,000, Deduct	-8.41	
For >5,000 To 10,000, Deduct	-11.00	
For >10,000, Deduct	-13.59	
02 41 13 13-0026 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	16.33	
For Elevated Slab, Add	8.17	
For >500 To 1,000, Deduct	-1.63	
For >1,000 To 2,500, Deduct	-2.94	
For >2,500 To 5,000, Deduct	-4.25	
For >5,000 To 10,000, Deduct	-5.55	
For >10,000, Deduct	-6.86	
02 41 13 13-0027 SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	21.00	
For Elevated Slab, Add	10.50	
For >500 To 1,000, Deduct	-2.10	
For >1,000 To 2,500, Deduct	-3.78	
For >2,500 To 5,000, Deduct	-5.46	
For >5,000 To 10,000, Deduct	-7.14	
For >10,000, Deduct	-8.82	
02 41 13 13-0028 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	37.54	
For Elevated Slab, Add	18.77	
For >500 To 1,000, Deduct	-3.75	
For >1,000 To 2,500, Deduct	-6.76	
For >2,500 To 5,000, Deduct	-9.76	
For >5,000 To 10,000, Deduct	-12.76	
For >10,000, Deduct	-15.77	
02 41 13 13-0029 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	49.00	
For Elevated Slab, Add	24.50	
For >500 To 1,000, Deduct	-4.90	
For >1,000 To 2,500, Deduct	-8.82	
For >2,500 To 5,000, Deduct	-12.74	
For >5,000 To 10,000, Deduct	-16.66	
For >10,000, Deduct	-20.58	
02 41 13 13-0030 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	64.06	
For Elevated Slab, Add	32.03	
For >500 To 1,000, Deduct	-6.41	
For >1,000 To 2,500, Deduct	-11.53	
For >2,500 To 5,000, Deduct	-16.66	
For >5,000 To 10,000, Deduct	-21.78	
For >10,000, Deduct	-26.91	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 13 13-0031	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	77.74
		<i>For Elevated Slab, Add</i>	38.87
		<i>For >500 To 1,000, Deduct</i>	-7.77
		<i>For >1,000 To 2,500, Deduct</i>	-13.99
		<i>For >2,500 To 5,000, Deduct</i>	-20.21
		<i>For >5,000 To 10,000, Deduct</i>	-26.43
		<i>For >10,000, Deduct</i>	-32.65
02 41 13 13-0032		By Hand, Break-up And Remove Bituminous And Concrete Paving <small>(02 41 13 13)</small>	
		Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas up to 100 SF where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 13 13-0033	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	2.90
02 41 13 13-0034	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	3.81
02 41 13 13-0035	SF	>6" To 8" By Hand, Break-up And Remove Bituminous Paving.....	4.96
02 41 13 13-0036	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving.....	3.63
02 41 13 13-0037	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving.....	5.01
02 41 13 13-0038	SF	>6" To 8" By Hand, Break-up And Remove Concrete Paving.....	6.41
02 41 13 13-0039		Grind Concrete <small>(02 41 13 13)</small>	
02 41 13 13-0040	EA	Grind Existing Sidewalks Up To 1/2" Depth To Remove Ridges (Tripping Hazard).....	155.92
		Note: For each location up to 5' wide, feather up to 12" each direction.	
		<i>For >1/2" To 1" Depth Of Grinding, Add</i>	23.39
		<i>For >1" To 1-1/2" Depth Of Grinding, Add</i>	38.98
		<i>For Up To 5, Add</i>	31.18
		<i>For >5 To 10, Add</i>	15.59
		<i>For >25 To 50, Deduct</i>	-15.59
		<i>For >50 To 250, Deduct</i>	-23.39
		<i>For >250, Deduct</i>	-31.18
		<i>For Sidewalks >5', Add</i>	15.59
		<i>For Up To 12" Additional Feathering Per Side, Add</i>	15.59
02 41 16		Structure Demolition <small>(02 41)</small>	
02 41 16 13		Building Demolition <small>(02 41 16)</small>	
02 41 16 13-0001		Building Interior Demolition <small>(02 41 16 13)</small>	
		Note: Guttered and placed in truck or dumpsters. Based on overall floor area including space under demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminants or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panelboards. Excludes hauling, dump fees, recycling charges, and/or salvage value.	
02 41 16 13-0002	GSF	Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	5.84
02 41 16 13-0003	GSF	Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	8.83
02 41 16 13-0004	GSF	>2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	7.22
02 41 16 13-0005	GSF	>10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....	6.42
02 41 16 13-0006		Commercial And Residential Structures Demolition <small>(02 41 16 13)</small>	
		Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, cleanup and work, site paving and concrete, recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.	
02 41 16 13-0007		Steel Framed Building Demolition <small>(02 41 16 13-0006)</small>	
		Note: Includes masonry partitions and concrete decks.	
02 41 16 13-0008	CCF	By Pneumatic Tools/Hand, Steel Framed Building Demolition	52.42
		<i>For Floor-To-Floor Heights >12' To 15', Deduct</i>	-3.93
		<i>For Floor-To-Floor Heights >15' To 18', Deduct</i>	-7.86
		<i>For Floor-To-Floor Heights >18' To 21', Deduct</i>	-11.79
		<i>For Up To 500, Add</i>	15.73
		<i>For >500 To 1,000, Add</i>	10.48
		<i>For >1,000 To 2,000, Add</i>	5.24
		<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	17.30
		<i>For No Interior Partitions, Deduct</i>	-13.11
02 41 16 13-0009	CCF	By Machine, Steel Framed Building Demolition	31.48
		<i>For Floor-To-Floor Heights >12' To 15', Deduct</i>	-2.36
		<i>For Floor-To-Floor Heights >15' To 18', Deduct</i>	-4.72
		<i>For Floor-To-Floor Heights >18' To 21', Deduct</i>	-7.08
		<i>For Up To 500, Add</i>	9.44
		<i>For >500 To 1,000, Add</i>	6.30
		<i>For >1,000 To 2,000, Add</i>	3.15
		<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	4.72
		<i>For Work >6 Stories To 10 Stories (Exclude Volume Below), Add</i>	7.87
		<i>For Work >10 Stories To 15 Stories (Exclude Volume Below), Add</i>	11.02
		<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	10.39
		<i>For No Interior Partitions, Deduct</i>	-7.87

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

02 41 16 13-0010	Reinforced Concrete Building Demolition (02 41 16 13-0006)		
02 41 16 13-0011	CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition.....	65.77	
	For Floor-To-Floor Heights >12' To 15', Deduct	-4.93	
	For Floor-To-Floor Heights >15' To 18', Deduct	-9.87	
	For Floor-To-Floor Heights >18' To 21', Deduct	-14.80	
	For Up To 500, Add	19.73	
	For >500 To 1,000, Add	13.15	
	For >1,000 To 2,000, Add	6.58	
	For Volume Of Area Within 15' To An Adjacent Building, Add	21.70	
	For No Interior Partitions, Deduct	-16.44	
02 41 16 13-0012	CCF By Machine, Reinforced Concrete Building Demolition.....	41.56	
	For Floor-To-Floor Heights >12' To 15', Deduct	-3.12	
	For Floor-To-Floor Heights >15' To 18', Deduct	-6.23	
	For Floor-To-Floor Heights >18' To 21', Deduct	-9.35	
	For Up To 500, Add	12.47	
	For >500 To 1,000, Add	8.31	
	For >1,000 To 2,000, Add	4.16	
	For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.23	
	For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	10.39	
	For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	14.55	
	For Volume Of Area Within 15' To An Adjacent Building, Add	13.71	
	For No Interior Partitions, Deduct	-10.39	
02 41 16 13-0013	Masonry Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0014	CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition.....	46.22	
	For Floor-To-Floor Heights >12' To 15', Deduct	-3.47	
	For Floor-To-Floor Heights >15' To 18', Deduct	-6.93	
	For Floor-To-Floor Heights >18' To 21', Deduct	-10.40	
	For Up To 500, Add	13.87	
	For >500 To 1,000, Add	9.24	
	For >1,000 To 2,000, Add	4.62	
	For Volume Of Area Within 15' To An Adjacent Building, Add	15.25	
	For No Interior Partitions, Deduct	-11.56	
02 41 16 13-0015	CCF By Machine, Masonry Construction Building Demolition.....	28.24	
	For Floor-To-Floor Heights >12' To 15', Deduct	-2.12	
	For Floor-To-Floor Heights >15' To 18', Deduct	-4.24	
	For Floor-To-Floor Heights >18' To 21', Deduct	-6.35	
	For Up To 500, Add	8.47	
	For >500 To 1,000, Add	5.65	
	For >1,000 To 2,000, Add	2.82	
	For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	4.24	
	For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	7.06	
	For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	9.88	
	For Volume Of Area Within 15' To An Adjacent Building, Add	9.32	
	For No Interior Partitions, Deduct	-7.06	
02 41 16 13-0016	Wood Frame Construction Building Demolition (02 41 16 13-0006)		
02 41 16 13-0017	CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition.....	40.18	
	For Floor-To-Floor Heights >12' To 15', Deduct	-3.01	
	For Floor-To-Floor Heights >15' To 18', Deduct	-6.03	
	For Floor-To-Floor Heights >18' To 21', Deduct	-9.04	
	For Up To 500, Add	12.05	
	For >500 To 1,000, Add	8.04	
	For >1,000 To 2,000, Add	4.02	
	For Volume Of Area Within 15' To An Adjacent Building, Add	13.26	
	For No Interior Partitions, Deduct	-10.05	
02 41 16 13-0018	CCF By Machine, Wood Frame Construction Building Demolition.....	24.17	
	For Floor-To-Floor Heights >12' To 15', Deduct	-1.81	
	For Floor-To-Floor Heights >15' To 18', Deduct	-3.63	
	For Floor-To-Floor Heights >18' To 21', Deduct	-5.44	
	For Up To 500, Add	7.25	
	For >500 To 1,000, Add	4.83	
	For >1,000 To 2,000, Add	2.42	
	For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	3.63	
	For Volume Of Area Within 15' To An Adjacent Building, Add	7.98	
	For No Interior Partitions, Deduct	-6.04	
02 41 16 13-0019	Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)		
	Note: Per building volume.		
02 41 16 13-0020	CCF Sorting Of Material Debris For Recycling Prior To Hauling Off.....	7.70	
	For Up To 500, Add	2.31	
	For >500 To 1,000, Add	1.54	
	For >1,000 To 2,000, Add	0.77	
02 41 16 13-0021	Foundation Demolition (02 41 16 13)		
	Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.		
02 41 16 13-0022	Concrete Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0023	CF Non Reinforced Concrete Foundation Demolition.....	11.04	
02 41 16 13-0024	SF 4" Thick Non Reinforced Concrete Foundation Wall Demolition.....	4.73	
02 41 16 13-0025	SF 6" Thick Non Reinforced Concrete Foundation Wall Demolition.....	6.31	
02 41 16 13-0026	SF 8" Thick Non Reinforced Concrete Foundation Wall Demolition.....	7.88	
02 41 16 13-0027	SF 10" Thick Non Reinforced Concrete Foundation Wall Demolition.....	9.46	
02 41 16 13-0028	SF 12" Thick Non Reinforced Concrete Foundation Wall Demolition.....	11.04	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 16 13-0029	SF	16" Thick Non Reinforced Concrete Foundation Wall Demolition.....	12.61
02 41 16 13-0030	CF	Reinforced Concrete Foundation Demolition.....	13.24
02 41 16 13-0031	SF	4" Thick Reinforced Concrete Foundation Wall Demolition.....	5.67
02 41 16 13-0032	SF	6" Thick Reinforced Concrete Foundation Wall Demolition.....	7.57
02 41 16 13-0033	SF	8" Thick Reinforced Concrete Foundation Wall Demolition.....	9.46
02 41 16 13-0034	SF	10" Thick Reinforced Concrete Foundation Wall Demolition.....	11.19
02 41 16 13-0035	SF	12" Thick Reinforced Concrete Foundation Wall Demolition.....	13.24
02 41 16 13-0036	SF	16" Thick Reinforced Concrete Foundation Wall Demolition.....	15.13
02 41 16 13-0037		Concrete Block Foundation Wall Demolition (02 41 16 13-0021)	
02 41 16 13-0038	SF	4" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	3.47
02 41 16 13-0039	SF	6" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	3.70
02 41 16 13-0040	SF	8" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	4.18
02 41 16 13-0041	SF	10" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	4.81
02 41 16 13-0042	SF	12" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	5.36
02 41 16 13-0043	SF	16" Thick Non Reinforced Concrete Block Foundation Wall Demolition.....	6.70
02 41 16 13-0044	SF	4" Thick Reinforced Concrete Block Foundation Wall Demolition.....	4.16
02 41 16 13-0045	SF	6" Thick Reinforced Concrete Block Foundation Wall Demolition.....	4.44
02 41 16 13-0046	SF	8" Thick Reinforced Concrete Block Foundation Wall Demolition.....	5.01
02 41 16 13-0047	SF	10" Thick Reinforced Concrete Block Foundation Wall Demolition.....	5.77
02 41 16 13-0048	SF	12" Thick Reinforced Concrete Block Foundation Wall Demolition.....	6.43
02 41 16 13-0049	SF	16" Thick Reinforced Concrete Block Foundation Wall Demolition.....	8.04
02 41 16 13-0050		Brick Foundation Wall Demolition (02 41 16 13-0021)	
02 41 16 13-0051	SF	4" Thick Brick Foundation Wall Demolition.....	3.47
02 41 16 13-0052	SF	6" Thick Brick Foundation Wall Demolition.....	3.70
02 41 16 13-0053	SF	8" Thick Brick Foundation Wall Demolition.....	4.18
02 41 16 13-0054	SF	10" Thick Brick Foundation Wall Demolition.....	4.81
02 41 16 13-0055	SF	12" Thick Brick Foundation Wall Demolition.....	5.36
02 41 16 13-0056	SF	16" Thick Brick Foundation Wall Demolition.....	6.70
02 41 16 13-0057		Stone Foundation Demolition (02 41 16 13-0021)	
02 41 16 13-0058	CF	Stone Footing Or Foundation Wall Demolition.....	11.04
02 41 16 13-0059		Other Foundation Demolition (02 41 16 13-0021)	
02 41 16 13-0060	CF	Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition..... Note: Includes excavation.	11.15
02 41 19		Selective Demolition (02 41)	
02 41 19 13		Selective Building Demolition (02 41 19)	
02 41 19 13-0001		Saw Cutting (02 41 19 13)	
		Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.	
02 41 19 13-0002	LF	Saw Cut Bituminous Paving Up To 4" Depth.....	1.77
		For Each Additional Pass (Depth To 3"), Add	0.66
		For >250, Deduct	-0.16
02 41 19 13-0003	LF	Saw Cut Brick Masonry Up To 4" Depth.....	6.11
		For Each Additional Pass (Depth To 3"), Add	2.38
		For >250, Deduct	-0.59
02 41 19 13-0004	LF	Saw Cut Concrete Block Up To 4" Depth.....	5.56
		For Each Additional Pass (Depth To 3"), Add	2.16
		For >250, Deduct	-0.53
02 41 19 13-0005	LF	Saw Cut Concrete Slab Or Paving Up To 4" Depth.....	2.08
		For Each Additional Pass (Depth To 3"), Add	0.76
		For >250, Deduct	-0.18
02 41 19 13-0006	LF	Saw Cut Welded Wire Reinforced Concrete Slab Up To 4" Depth.....	2.70
		For Each Additional Pass (Depth To 3"), Add	0.99
		For >250, Deduct	-0.24
02 41 19 13-0007	LF	Saw Cut Rod Reinforced Concrete Slab Up To 4" Depth.....	4.28
		For Each Additional Pass (Depth To 3"), Add	1.62
		For >250, Deduct	-0.40
02 41 19 13-0008	LF	Saw Cut Plain Concrete Walls Up To 4" Depth.....	7.78
		For Each Additional Pass (Depth To 3"), Add	3.04
		For >250, Deduct	-0.75
02 41 19 13-0009	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth.....	10.44
		For Each Additional Pass (Depth To 3"), Add	4.08
		For >250, Deduct	-1.01
02 41 19 13-0010	LF	Saw Cut In Streets, Concrete And Asphalt Up To 4" Depth.....	1.92
		For Each Additional Pass (Depth To 3"), Add	0.71
		For >250, Deduct	-0.17
02 41 19 13-0011	LF	Saw Cut Igneous Stone Pavements Up To 4" Depth.....	5.60
		For Each Additional Pass (Depth To 3"), Add	2.17
		For >250, Deduct	-0.54
02 41 19 13-0012	LF	Saw Cut Sedimentary Stone Pavements Up To 4" Depth.....	5.60
		For Each Additional Pass (Depth To 3"), Add	2.17
		For >250, Deduct	-0.54

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

02 41 19 13-0013	LF	Saw Cut Metamorphic Stone Pavements Up To 4" Depth.....	5.60
		<i>For Each Additional Pass (Depth To 3"), Add</i>	2.17
		<i>For >250, Deduct</i>	-0.54
02 41 19 13-0014	LF	Saw Cut Terrazzo Stone Pavements Up To 4" Depth	5.60
		<i>For Each Additional Pass (Depth To 3"), Add</i>	2.17
		<i>For >250, Deduct</i>	-0.54
02 41 19 13-0015	EA	Saw Cut Minimum Charge	677.22
		<i>Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively.</i>	
		<i>This task should not be used in conjunction with any other tasks in this section.</i>	

02 41 19 13-0016 Torch Cutting (02 41 19 13)
Note: Includes grinding edge

02 41 19 13-0017	LF	Up To 1/2", Torch Cut Steel Plate	2.34
02 41 19 13-0018	LF	>1/2" To 1" Thick, Torch Cut Steel Plate	4.68
02 41 19 13-0019	LF	>1" To 1-1/2" Thick, Torch Cut Steel Plate	7.02
02 41 19 13-0020	LF	>1-1/2" To 2" Thick, Torch Cut Steel Plate	9.37
02 41 19 13-0021	LF	>2" To 2-1/2" Thick, Torch Cut Steel Plate	11.71
02 41 19 13-0022	LF	>2-1/2" To 3" Thick, Torch Cut Steel Plate	14.05
02 41 19 13-0023	EA	Torch Cutting Minimum Charge	697.81
		<i>Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively.</i>	
		<i>This task should not be used in conjunction with any other tasks in this section.</i>	

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

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

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

02 41 19 13-0027	EA	Drill 1" Diameter Core In Up To 4" Concrete.....	32.08
		<i>For Horizontal Cores, Add</i>	5.66
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	11.32
02 41 19 13-0028	EA	Drill 1-1/2" Diameter Core In Up To 4" Concrete	35.22
		<i>For Horizontal Cores, Add</i>	6.29
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.57
02 41 19 13-0029	EA	Drill 2" Diameter Core In Up To 4" Concrete.....	38.71
		<i>For Horizontal Cores, Add</i>	6.98
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	13.97
02 41 19 13-0030	EA	Drill 3" Diameter Core In Up To 4" Concrete.....	54.97
		<i>For Horizontal Cores, Add</i>	9.98
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	19.96
02 41 19 13-0031	EA	Drill 4" Diameter Core In Up To 4" Concrete.....	73.70
		<i>For Horizontal Cores, Add</i>	13.37
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.74
02 41 19 13-0032	EA	Drill 6" Diameter Core In Up To 4" Concrete.....	83.46
		<i>For Horizontal Cores, Add</i>	14.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.93
02 41 19 13-0033	EA	Drill 8" Diameter Core In Up To 4" Concrete.....	131.56
		<i>For Horizontal Cores, Add</i>	23.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.90
02 41 19 13-0034	EA	Drill 10" Diameter Core In Up To 4" Concrete.....	165.80
		<i>For Horizontal Cores, Add</i>	29.93
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	59.86
02 41 19 13-0035	EA	Drill 12" Diameter Core In Up To 4" Concrete.....	193.94
		<i>For Horizontal Cores, Add</i>	34.92
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.84
02 41 19 13-0036	EA	Drill 14" Diameter Core In Up To 4" Concrete.....	222.54
		<i>For Horizontal Cores, Add</i>	39.91
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.81
02 41 19 13-0037	EA	Drill 18" Diameter Core In Up To 4" Concrete.....	254.02
		<i>For Horizontal Cores, Add</i>	44.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.78

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

02 41 19 13-0039	EA	Drill 1" Diameter Core In >4" To 6" Concrete.....	46.20
		<i>For Horizontal Cores, Add</i>	8.08
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.16
02 41 19 13-0040	EA	Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	50.69
		<i>For Horizontal Cores, Add</i>	8.98
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	17.96
02 41 19 13-0041	EA	Drill 2" Diameter Core In >4" To 6" Concrete.....	55.67
		<i>For Horizontal Cores, Add</i>	9.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	19.95
02 41 19 13-0042	EA	Drill 3" Diameter Core In >4" To 6" Concrete.....	67.82
		<i>For Horizontal Cores, Add</i>	11.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.94
02 41 19 13-0043	EA	Drill 4" Diameter Core In >4" To 6" Concrete.....	85.36
		<i>For Horizontal Cores, Add</i>	14.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.93
02 41 19 13-0044	EA	Drill 6" Diameter Core In >4" To 6" Concrete.....	112.87
		<i>For Horizontal Cores, Add</i>	19.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.91
02 41 19 13-0045	EA	Drill 8" Diameter Core In >4" To 6" Concrete.....	167.55
		<i>For Horizontal Cores, Add</i>	29.93
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	59.86

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

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 41 19 13-0046	EA	Drill 10" Diameter Core In >4" To 6" Concrete.....	198.74
		<i>For Horizontal Cores, Add</i>	34.92
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	69.84
02 41 19 13-0047	EA	Drill 12" Diameter Core In >4" To 6" Concrete.....	228.45
		<i>For Horizontal Cores, Add</i>	39.91
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.81
02 41 19 13-0048	EA	Drill 14" Diameter Core In >4" To 6" Concrete.....	259.61
		<i>For Horizontal Cores, Add</i>	44.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.78
02 41 19 13-0049	EA	Drill 18" Diameter Core In >4" To 6" Concrete.....	294.96
		<i>For Horizontal Cores, Add</i>	49.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	99.77
02 41 19 13-0050		>6" To 8" Thick Concrete Core Drilling (02 41 19 13-0025)	
02 41 19 13-0051	EA	Drill 1" Diameter Core In >6" To 8" Concrete.....	52.33
		<i>For Horizontal Cores, Add</i>	8.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	17.78
02 41 19 13-0052	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	57.26
		<i>For Horizontal Cores, Add</i>	9.88
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	19.75
02 41 19 13-0053	EA	Drill 2" Diameter Core In >6" To 8" Concrete.....	62.75
		<i>For Horizontal Cores, Add</i>	10.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.95
02 41 19 13-0054	EA	Drill 3" Diameter Core In >6" To 8" Concrete.....	75.68
		<i>For Horizontal Cores, Add</i>	12.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.94
02 41 19 13-0055	EA	Drill 4" Diameter Core In >6" To 8" Concrete.....	99.01
		<i>For Horizontal Cores, Add</i>	16.96
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.92
02 41 19 13-0056	EA	Drill 6" Diameter Core In >6" To 8" Concrete.....	137.31
		<i>For Horizontal Cores, Add</i>	23.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.90
02 41 19 13-0057	EA	Drill 8" Diameter Core In >6" To 8" Concrete.....	223.50
		<i>For Horizontal Cores, Add</i>	39.91
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.81
02 41 19 13-0058	EA	Drill 10" Diameter Core In >6" To 8" Concrete.....	256.57
		<i>For Horizontal Cores, Add</i>	44.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.78
02 41 19 13-0059	EA	Drill 12" Diameter Core In >6" To 8" Concrete.....	287.93
		<i>For Horizontal Cores, Add</i>	49.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	99.77
02 41 19 13-0060	EA	Drill 14" Diameter Core In >6" To 8" Concrete.....	321.61
		<i>For Horizontal Cores, Add</i>	54.86
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	109.73
02 41 19 13-0061	EA	Drill 18" Diameter Core In >6" To 8" Concrete.....	360.83
		<i>For Horizontal Cores, Add</i>	59.86
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	119.73
02 41 19 13-0062		>8" To 10" Thick Concrete Core Drilling (02 41 19 13-0025)	
02 41 19 13-0063	EA	Drill 1" Diameter Core In >8" To 10" Concrete.....	62.48
		<i>For Horizontal Cores, Add</i>	10.51
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.01
02 41 19 13-0064	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	68.32
		<i>For Horizontal Cores, Add</i>	11.67
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.35
02 41 19 13-0065	EA	Drill 2" Diameter Core In >8" To 10" Concrete.....	74.80
		<i>For Horizontal Cores, Add</i>	12.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.94
02 41 19 13-0066	EA	Drill 3" Diameter Core In >8" To 10" Concrete.....	88.54
		<i>For Horizontal Cores, Add</i>	14.97
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.93
02 41 19 13-0067	EA	Drill 4" Diameter Core In >8" To 10" Concrete.....	102.69
		<i>For Horizontal Cores, Add</i>	16.96
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.92
02 41 19 13-0068	EA	Drill 6" Diameter Core In >8" To 10" Concrete.....	141.79
		<i>For Horizontal Cores, Add</i>	23.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.90
02 41 19 13-0069	EA	Drill 8" Diameter Core In >8" To 10" Concrete.....	229.57
		<i>For Horizontal Cores, Add</i>	39.91
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.81
02 41 19 13-0070	EA	Drill 10" Diameter Core In >8" To 10" Concrete.....	264.56
		<i>For Horizontal Cores, Add</i>	44.89
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.78
02 41 19 13-0071	EA	Drill 12" Diameter Core In >8" To 10" Concrete.....	297.47
		<i>For Horizontal Cores, Add</i>	49.88
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	99.75
02 41 19 13-0072	EA	Drill 14" Diameter Core In >8" To 10" Concrete.....	333.75
		<i>For Horizontal Cores, Add</i>	54.86
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	109.73
02 41 19 13-0073	EA	Drill 18" Diameter Core In >8" To 10" Concrete.....	376.74
		<i>For Horizontal Cores, Add</i>	59.85
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	119.70
02 41 19 13-0074		>10" To 12" Thick Concrete Core Drilling (02 41 19 13-0025)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
02 41 19 13-0075	EA		Drill 1" Diameter Core In >10" To 12" Concrete.....	68.60	
			<i>For Horizontal Cores, Add</i>	11.31	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.63	
02 41 19 13-0076	EA		Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	74.89	
			<i>For Horizontal Cores, Add</i>	12.57	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.14	
02 41 19 13-0077	EA		Drill 2" Diameter Core In >10" To 12" Concrete.....	81.87	
			<i>For Horizontal Cores, Add</i>	13.97	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.94	
02 41 19 13-0078	EA		Drill 3" Diameter Core In >10" To 12" Concrete.....	91.41	
			<i>For Horizontal Cores, Add</i>	14.97	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.93	
02 41 19 13-0079	EA		Drill 4" Diameter Core In >10" To 12" Concrete.....	121.32	
			<i>For Horizontal Cores, Add</i>	19.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.91	
02 41 19 13-0080	EA		Drill 6" Diameter Core In >10" To 12" Concrete.....	156.23	
			<i>For Horizontal Cores, Add</i>	25.94	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	51.88	
02 41 19 13-0081	EA		Drill 8" Diameter Core In >10" To 12" Concrete.....	245.63	
			<i>For Horizontal Cores, Add</i>	41.90	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.81	
02 41 19 13-0082	EA		Drill 10" Diameter Core In >10" To 12" Concrete.....	272.55	
			<i>For Horizontal Cores, Add</i>	44.89	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.78	
02 41 19 13-0083	EA		Drill 12" Diameter Core In >10" To 12" Concrete.....	317.11	
			<i>For Horizontal Cores, Add</i>	51.89	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	103.77	
02 41 19 13-0084 >12" Thick Concrete Core Drilling (02 41 19 13-0025)					
02 41 19 13-0085	IN		Drill 1" Diameter Core In >12" Concrete.....	7.91	
			<i>For Horizontal Cores, Add</i>	1.38	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.76	
02 41 19 13-0086	IN		Drill 1-1/2" Diameter Core In >12" Concrete.....	8.68	
			<i>For Horizontal Cores, Add</i>	1.54	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.07	
02 41 19 13-0087	IN		Drill 2" Diameter Core In >12" Concrete.....	9.54	
			<i>For Horizontal Cores, Add</i>	1.71	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.42	
02 41 19 13-0088	IN		Drill 3" Diameter Core In >12" Concrete.....	10.73	
			<i>For Horizontal Cores, Add</i>	1.87	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.74	
02 41 19 13-0089	IN		Drill 4" Diameter Core In >12" Concrete.....	14.27	
			<i>For Horizontal Cores, Add</i>	2.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.99	
02 41 19 13-0090	IN		Drill 6" Diameter Core In >12" Concrete.....	18.43	
			<i>For Horizontal Cores, Add</i>	3.24	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	6.49	
02 41 19 13-0091	IN		Drill 8" Diameter Core In >12" Concrete.....	29.22	
			<i>For Horizontal Cores, Add</i>	5.24	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.48	
02 41 19 13-0092	IN		Drill 10" Diameter Core In >12" Concrete.....	32.18	
			<i>For Horizontal Cores, Add</i>	5.63	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	11.27	
02 41 19 13-0093	IN		Drill 12" Diameter Core In >12" Concrete.....	37.25	
			<i>For Horizontal Cores, Add</i>	6.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.98	
02 41 19 13-0094 Brick/Concrete Block Core Drilling (02 41 19 13-0024)					
02 41 19 13-0095 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)					
02 41 19 13-0096	EA		Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....	26.42	
			<i>For Horizontal Cores, Add</i>	4.53	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	9.05	
02 41 19 13-0097	EA		Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....	28.92	
			<i>For Horizontal Cores, Add</i>	5.03	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.05	
02 41 19 13-0098	EA		Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	31.72	
			<i>For Horizontal Cores, Add</i>	5.59	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	11.17	
02 41 19 13-0099	EA		Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	44.99	
			<i>For Horizontal Cores, Add</i>	7.98	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.96	
02 41 19 13-0100	EA		Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	60.33	
			<i>For Horizontal Cores, Add</i>	10.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	21.39	
02 41 19 13-0101	EA		Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	68.49	
			<i>For Horizontal Cores, Add</i>	11.97	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.94	
02 41 19 13-0102	EA		Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	107.61	
			<i>For Horizontal Cores, Add</i>	19.16	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.32	
02 41 19 13-0103	EA		Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	135.87	
			<i>For Horizontal Cores, Add</i>	23.95	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.89	
02 41 19 13-0104	EA		Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	159.02	
			<i>For Horizontal Cores, Add</i>	27.94	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.88	

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

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
02 41 19 13-0105	EA Drill 14" Diameter Core In Up To 4" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	182.63 31.92 63.85	
02 41 19 13-0106	EA Drill 18" Diameter Core In Up To 4" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	209.14 35.92 71.83	
02 41 19 13-0107 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)			
02 41 19 13-0108	EA Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.12 6.46 12.93	
02 41 19 13-0109	EA Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.71 7.18 14.36	
02 41 19 13-0110	EA Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.70 7.98 15.96	
02 41 19 13-0111	EA Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	55.85 9.58 19.16	
02 41 19 13-0112	EA Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	70.39 11.97 23.94	
02 41 19 13-0113	EA Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	92.92 15.96 31.93	
02 41 19 13-0114	EA Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	137.62 23.95 47.89	
02 41 19 13-0115	EA Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	163.82 27.94 55.88	
02 41 19 13-0116	EA Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	188.54 31.92 63.85	
02 41 19 13-0117	EA Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	214.73 35.92 71.83	
02 41 19 13-0118	EA Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	245.07 39.91 79.82	
02 41 19 13-0119 >6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)			
02 41 19 13-0120	EA Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.43 7.11 14.22	
02 41 19 13-0121	EA Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.39 7.90 15.80	
02 41 19 13-0122	EA Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	51.78 8.78 17.56	
02 41 19 13-0123	EA Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	62.71 10.38 20.75	
02 41 19 13-0124	EA Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	82.04 13.57 27.14	
02 41 19 13-0125	EA Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	113.36 19.16 38.32	
02 41 19 13-0126	EA Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	183.59 31.92 63.85	
02 41 19 13-0127	EA Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	211.69 35.92 71.83	
02 41 19 13-0128	EA Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	238.04 39.91 79.82	
02 41 19 13-0129	EA Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	266.75 43.89 87.78	
02 41 19 13-0130	EA Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	300.97 47.89 95.78	
02 41 19 13-0131 >8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)			
02 41 19 13-0132	EA Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	51.98 8.41 16.81	
02 41 19 13-0133	EA Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	56.64 9.34 18.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0134 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block.....	61.83	
<i>For Horizontal Cores, Add</i>	10.38	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.75	
02 41 19 13-0135 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block.....	73.57	
<i>For Horizontal Cores, Add</i>	11.97	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.94	
02 41 19 13-0136 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block.....	85.72	
<i>For Horizontal Cores, Add</i>	13.57	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.14	
02 41 19 13-0137 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block.....	117.84	
<i>For Horizontal Cores, Add</i>	19.16	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.32	
02 41 19 13-0138 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block.....	189.66	
<i>For Horizontal Cores, Add</i>	31.92	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	63.85	
02 41 19 13-0139 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block.....	219.68	
<i>For Horizontal Cores, Add</i>	35.92	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.83	
02 41 19 13-0140 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block.....	247.60	
<i>For Horizontal Cores, Add</i>	39.90	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	79.80	
02 41 19 13-0141 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block.....	278.89	
<i>For Horizontal Cores, Add</i>	43.89	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	87.78	
02 41 19 13-0142 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block.....	316.89	
<i>For Horizontal Cores, Add</i>	47.88	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	95.76	
02 41 19 13-0143 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0144 EA Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block.....	57.29	
<i>For Horizontal Cores, Add</i>	9.05	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.10	
02 41 19 13-0145 EA Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block.....	62.32	
<i>For Horizontal Cores, Add</i>	10.06	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.12	
02 41 19 13-0146 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block.....	67.91	
<i>For Horizontal Cores, Add</i>	11.18	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.35	
02 41 19 13-0147 EA Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block.....	76.44	
<i>For Horizontal Cores, Add</i>	11.97	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	23.94	
02 41 19 13-0148 EA Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block.....	101.37	
<i>For Horizontal Cores, Add</i>	15.96	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.93	
02 41 19 13-0149 EA Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block.....	130.29	
<i>For Horizontal Cores, Add</i>	20.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.51	
02 41 19 13-0150 EA Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block.....	203.72	
<i>For Horizontal Cores, Add</i>	33.52	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	67.04	
02 41 19 13-0151 EA Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block.....	227.67	
<i>For Horizontal Cores, Add</i>	35.92	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	71.83	
02 41 19 13-0152 EA Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block.....	265.23	
<i>For Horizontal Cores, Add</i>	41.51	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	83.02	
02 41 19 13-0153 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0154 IN Drill 1" Diameter Core In >12" Brick/Concrete Block.....	6.54	
<i>For Horizontal Cores, Add</i>	1.11	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.22	
02 41 19 13-0155 IN Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block.....	7.15	
<i>For Horizontal Cores, Add</i>	1.23	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.46	
02 41 19 13-0156 IN Drill 2" Diameter Core In >12" Brick/Concrete Block.....	7.83	
<i>For Horizontal Cores, Add</i>	1.37	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.73	
02 41 19 13-0157 IN Drill 3" Diameter Core In >12" Brick/Concrete Block.....	8.86	
<i>For Horizontal Cores, Add</i>	1.50	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	2.99	
02 41 19 13-0158 IN Drill 4" Diameter Core In >12" Brick/Concrete Block.....	11.78	
<i>For Horizontal Cores, Add</i>	2.00	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.99	
02 41 19 13-0159 IN Drill 6" Diameter Core In >12" Brick/Concrete Block.....	15.19	
<i>For Horizontal Cores, Add</i>	2.60	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.19	
02 41 19 13-0160 IN Drill 8" Diameter Core In >12" Brick/Concrete Block.....	23.98	
<i>For Horizontal Cores, Add</i>	4.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	8.39	
02 41 19 13-0161 IN Drill 10" Diameter Core In >12" Brick/Concrete Block.....	26.55	
<i>For Horizontal Cores, Add</i>	4.51	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	9.02	
02 41 19 13-0162 IN Drill 12" Diameter Core In >12" Brick/Concrete Block.....	30.77	
<i>For Horizontal Cores, Add</i>	5.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.38	

MINOR	CSI	UOM	DESCRIPTION
-------	-----	-----	-------------

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

02 41 19 13-0163	Asphalt Core Drilling (02 41 19 13-0024)		
02 41 19 13-0164	Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0165	EA Drill 1" Diameter Core In Up To 2" Asphalt	14.38	
02 41 19 13-0166	EA Drill 1-1/2" Diameter Core In Up To 2" Asphalt	18.04	
02 41 19 13-0167	EA Drill 2" Diameter Core In Up To 2" Asphalt	22.54	
02 41 19 13-0168	EA Drill 3" Diameter Core In Up To 2" Asphalt	28.07	
02 41 19 13-0169	EA Drill 4" Diameter Core In Up To 2" Asphalt	35.38	
02 41 19 13-0170	EA Drill 6" Diameter Core In Up To 2" Asphalt	44.48	
02 41 19 13-0171	EA Drill 8" Diameter Core In Up To 2" Asphalt	55.68	
02 41 19 13-0172	EA Drill 10" Diameter Core In Up To 2" Asphalt	69.04	
02 41 19 13-0173	EA Drill 12" Diameter Core In Up To 2" Asphalt	86.08	
02 41 19 13-0174	>2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0175	EA Drill 1" Diameter Core In >2" To 3" Asphalt	17.96	
02 41 19 13-0176	EA Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	23.32	
02 41 19 13-0177	EA Drill 2" Diameter Core In >2" To 3" Asphalt	28.68	
02 41 19 13-0178	EA Drill 3" Diameter Core In >2" To 3" Asphalt	35.99	
02 41 19 13-0179	EA Drill 4" Diameter Core In >2" To 3" Asphalt	45.10	
02 41 19 13-0180	EA Drill 6" Diameter Core In >2" To 3" Asphalt	56.84	
02 41 19 13-0181	EA Drill 8" Diameter Core In >2" To 3" Asphalt	70.75	
02 41 19 13-0182	EA Drill 10" Diameter Core In >2" To 3" Asphalt	88.49	
02 41 19 13-0183	EA Drill 12" Diameter Core In >2" To 3" Asphalt	109.96	
02 41 19 13-0184	>3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0185	EA Drill 1" Diameter Core In >3" To 4" Asphalt	23.40	
02 41 19 13-0186	EA Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	29.77	
02 41 19 13-0187	EA Drill 2" Diameter Core In >3" To 4" Asphalt	36.92	
02 41 19 13-0188	EA Drill 3" Diameter Core In >3" To 4" Asphalt	46.11	
02 41 19 13-0189	EA Drill 4" Diameter Core In >3" To 4" Asphalt	58.09	
02 41 19 13-0190	EA Drill 6" Diameter Core In >3" To 4" Asphalt	72.62	
02 41 19 13-0191	EA Drill 8" Diameter Core In >3" To 4" Asphalt	91.30	
02 41 19 13-0192	EA Drill 10" Diameter Core In >3" To 4" Asphalt	113.57	
02 41 19 13-0193	EA Drill 12" Diameter Core In >3" To 4" Asphalt	141.41	
02 41 19 13-0194	>4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0195	EA Drill 1" Diameter Core In >4" To 6" Asphalt	30.85	
02 41 19 13-0196	EA Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	38.26	
02 41 19 13-0197	EA Drill 2" Diameter Core In >4" To 6" Asphalt	47.29	
02 41 19 13-0198	EA Drill 3" Diameter Core In >4" To 6" Asphalt	60.35	
02 41 19 13-0199	EA Drill 4" Diameter Core In >4" To 6" Asphalt	75.29	
02 41 19 13-0200	EA Drill 6" Diameter Core In >4" To 6" Asphalt	93.64	
02 41 19 13-0201	EA Drill 8" Diameter Core In >4" To 6" Asphalt	118.24	
02 41 19 13-0202	EA Drill 10" Diameter Core In >4" To 6" Asphalt	146.92	
02 41 19 13-0203	EA Drill 12" Diameter Core In >4" To 6" Asphalt	183.18	
02 41 19 13-0204	Manhole Core Drilling (02 41 19 13-0024)		
02 41 19 13-0205	EA Drill 4" Diameter Core In 6" Brick Manhole	156.77	
02 41 19 13-0206	EA Drill 5" Diameter Core In 6" Brick Manhole	179.04	
02 41 19 13-0207	EA Drill 6" Diameter Core In 6" Brick Manhole	208.32	
02 41 19 13-0208	EA Drill 8" Diameter Core In 6" Brick Manhole	311.30	
02 41 19 13-0209	EA Drill 2" Diameter Core In 8" Concrete Manhole	208.54	
02 41 19 13-0210	EA Drill 3" Diameter Core In 8" Concrete Manhole	224.30	
02 41 19 13-0211	EA Drill 4" Diameter Core In 8" Concrete Manhole	249.01	
02 41 19 13-0212	EA Drill 5" Diameter Core In 8" Concrete Manhole	267.79	
02 41 19 13-0213	EA Drill 6" Diameter Core In 8" Concrete Manhole	316.43	
02 41 19 13-0214	EA Drill 8" Diameter Core In 8" Concrete Manhole	450.90	
02 41 19 13-0215	EA Drill 2" Diameter Core In Fiberglass Manhole	20.07	
02 41 19 13-0216	EA Drill 3" Diameter Core In Fiberglass Manhole	23.22	
02 41 19 13-0217	EA Drill 4" Diameter Core In Fiberglass Manhole	25.19	
02 41 19 13-0218	EA Drill 5" Diameter Core In Fiberglass Manhole	27.49	
02 41 19 13-0219	EA Drill 6" Diameter Core In Fiberglass Manhole	30.24	
02 41 19 13-0220	EA Drill 8" Diameter Core In Fiberglass Manhole	33.64	
02 41 19 13-0221	Drilling In Concrete Per Inch Of Depth (02 41 19 13-0024)		
	Note: Includes layout.		
02 41 19 13-0222	IN 1/4" Diameter Drilling In Concrete Per Inch Of Depth	1.86	
02 41 19 13-0223	IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth	1.95	
02 41 19 13-0224	IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.08	
02 41 19 13-0225	IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.23	
02 41 19 13-0226	IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.44	
02 41 19 13-0227	IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth	2.64	
02 41 19 13-0228	IN 1" Diameter Drilling In Concrete Per Inch Of Depth	2.79	
02 41 19 13-0229	IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.07	
02 41 19 13-0230	IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.48	
02 41 19 13-0231	Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0024)		
	Note: Includes layout.		

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

02 41 19 13-0232	IN	1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.56
02 41 19 13-0233	IN	3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.63
02 41 19 13-0234	IN	1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.75
02 41 19 13-0235	IN	5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.87
02 41 19 13-0236	IN	3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.04
02 41 19 13-0237	IN	7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.22
02 41 19 13-0238	IN	1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.34
02 41 19 13-0239	IN	1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.58
02 41 19 13-0240	IN	1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.92

02 41 19 13-0241 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0024)

Note: Includes layout.

02 41 19 13-0242	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.76
02 41 19 13-0243	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.80
02 41 19 13-0244	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.85
02 41 19 13-0245	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.91
02 41 19 13-0246	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.00
02 41 19 13-0247	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.08
02 41 19 13-0248	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.13
02 41 19 13-0249	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.26
02 41 19 13-0250	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.43

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

02 41 19 13-0252	EA	Core Drill Minimum Charge.....	548.39
------------------	----	--------------------------------	--------

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

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

Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.

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

02 41 19 13-0255	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	39.05
02 41 19 13-0256	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	41.41
02 41 19 13-0257	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	43.78
02 41 19 13-0258	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	46.14
02 41 19 13-0259	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	47.32

02 41 19 13-0260 Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0253)

Note: Includes cutting and removing steel decking.

02 41 19 13-0261	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	47.59
02 41 19 13-0262	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	50.46
02 41 19 13-0263	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	53.35
02 41 19 13-0264	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	56.23
02 41 19 13-0265	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	57.68

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

02 41 19 13-0267	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	48.80
02 41 19 13-0268	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	51.77
02 41 19 13-0269	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	54.72
02 41 19 13-0270	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	57.68
02 41 19 13-0271	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	59.15

02 41 19 13-0272 Brick Wall Cutouts (02 41 19 13-0253)

Note: Excludes toothing.

02 41 19 13-0273	SF	4" Thick Brick Wall Cutouts, <24 SF	14.79
02 41 19 13-0274	SF	6" Thick Brick Wall Cutouts, <24 SF	24.40
02 41 19 13-0275	SF	8" Thick Brick Wall Cutouts, <24 SF	33.98
02 41 19 13-0276	SF	10" Thick Brick Wall Cutouts, <24 SF	41.41
02 41 19 13-0277	SF	12" Thick Brick Wall Cutouts, <24 SF	49.54
02 41 19 13-0278	SF	16" Thick Brick Wall Cutouts, <24 SF	58.41

02 41 19 13-0279 Concrete Block Wall Cutouts (02 41 19 13-0253)

Note: Excludes toothing.

02 41 19 13-0280	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	24.47
02 41 19 13-0281	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	25.90
02 41 19 13-0282	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	27.36
02 41 19 13-0283	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	28.84
02 41 19 13-0284	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	29.58
02 41 19 13-0285	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	31.06

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

02 41 19 13-0287	SF	2" Thick Limestone Cutouts, <24 SF	41.41
02 41 19 13-0288	SF	4" Thick Limestone Cutouts, <24 SF	50.28
02 41 19 13-0289	SF	6" Thick Limestone Cutouts, <24 SF	53.24
02 41 19 13-0290	SF	8" Thick Limestone Cutouts, <24 SF	56.20

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 13-0291	SF	10" Thick Limestone Cutouts, <24 SF.....	59.15
02 41 19 13-0292	SF	12" Thick Limestone Cutouts, <24 SF.....	62.12
02 41 19 13-0293		Toothng Masonry Cutouts (02 41 19 13-0253) Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.	
02 41 19 13-0294	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts.....	14.79
02 41 19 13-0295	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts.....	19.97
02 41 19 13-0296	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	8.88
02 41 19 13-0297	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts.....	11.83
02 41 19 13-0298		Minimum Charge For Cutouts (02 41 19 13-0253) Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
02 41 19 13-0299	EA	Cutouts Minimum Charge	295.78
02 41 19 13-0300		Exterior Masonry Removal (02 41 19 13)	
02 41 19 13-0301		Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0300)	
02 41 19 13-0302	VLF	8" x 8" Masonry Column Removal	11.74
02 41 19 13-0303	VLF	10" x 10" Masonry Column Removal	18.33
02 41 19 13-0304	VLF	12" x 12" Masonry Column Removal	23.49
02 41 19 13-0305	VLF	14" x 14" Masonry Column Removal	29.39
02 41 19 13-0306	VLF	16" x 16" Masonry Column Removal	36.11
02 41 19 13-0307	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	20.28
02 41 19 13-0308		Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0300) Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0309	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	14.26
02 41 19 13-0310	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	21.48
02 41 19 13-0311	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping.....	41.36
02 41 19 13-0312		Facade Removal (02 41 19 13-0300) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0313	SF	Stone Or Brick Veneer Facade Removal	4.47
		<i>For Cleaning and Storage For Reuse, Add</i>	3.35
02 41 19 13-0314		Exterior Masonry Removal (02 41 19 13-0300) Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.	
02 41 19 13-0315	SF	Demolish 4" Thick Non Reinforced Concrete Block Exterior Wall	3.93
02 41 19 13-0316	SF	Demolish 6" Thick Non Reinforced Concrete Block Exterior Wall	4.43
02 41 19 13-0317	SF	Demolish 8" Thick Non Reinforced Concrete Block Exterior Wall	5.36
02 41 19 13-0318	SF	Demolish 10" Thick Non Reinforced Concrete Block Exterior Wall.....	5.86
02 41 19 13-0319	SF	Demolish 12" Thick Non Reinforced Concrete Block Exterior Wall	6.43
02 41 19 13-0320	SF	Demolish 16" Thick Non Reinforced Concrete Block Exterior Wall.....	8.05
02 41 19 13-0321	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall	4.64
02 41 19 13-0322	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall	5.32
02 41 19 13-0323	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall	6.43
02 41 19 13-0324	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall	7.03
02 41 19 13-0325	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall	7.72
02 41 19 13-0326	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall	9.65
02 41 19 13-0327	SF	Demolish 4" Thick Brick Exterior Wall	3.93
		<i>For Cleaning and Storage For Reuse, Add</i>	2.95
02 41 19 13-0328	SF	Demolish 6" Thick Brick Exterior Wall	4.43
		<i>For Cleaning and Storage For Reuse, Add</i>	3.32
02 41 19 13-0329	SF	Demolish 8" Thick Brick Exterior Wall	5.36
		<i>For Cleaning and Storage For Reuse, Add</i>	4.02
02 41 19 13-0330	SF	Demolish 10" Thick Brick Exterior Wall	5.86
		<i>For Cleaning and Storage For Reuse, Add</i>	4.40
02 41 19 13-0331	SF	Demolish 12" Thick Brick Exterior Wall	6.43
		<i>For Cleaning and Storage For Reuse, Add</i>	4.82
02 41 19 13-0332	SF	Demolish 16" Thick Brick Exterior Wall	8.05
		<i>For Cleaning and Storage For Reuse, Add</i>	6.04
02 41 19 13-0333	CF	Exterior Brick, Concrete Block Or Composite Removal	11.43
		<i>For Cleaning and Storage For Reuse, Add</i>	8.57
02 41 19 13-0334		Exterior Concrete Wall Removal (02 41 19 13)	
02 41 19 13-0335	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	4.92
02 41 19 13-0336	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	8.91
02 41 19 13-0337	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	11.19
02 41 19 13-0338	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	13.20
02 41 19 13-0339	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	15.60

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

02 41 19 13-0340			Roofing Removal (02 41 19 13)		
02 41 19 13-0341			Clay Tile Roof Remove And Salvage For Re-use (02 41 19 13-0340) Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 41 19 13-0342	SQ		Remove Clay Roof Tile, Salvage For Re-use	233.43	
02 41 19 13-0343			Elevated Concrete Removal (02 41 19 13)		
02 41 19 13-0344	CF		Elevated Concrete Beam/Slab/Steps Removal, Reinforced	9.90	
02 41 19 16			Selective Interior Demolition (02 41 19) Note: Includes break-up of material, loading into truck or dumpster and clean-up. Salvage tasks include placement on pallets and storage on site.		
02 41 19 16-0001			Floor Removal (02 41 19 16)		
02 41 19 16-0002			Remove And Salvage For Re-Use (02 41 19 16-0001) Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.		
02 41 19 16-0003	SF		Remove Brick Flooring And Salvage	2.13	
02 41 19 16-0004	SF		Remove Ceramic/Quarry Tile Floor And Salvage	2.13	
02 41 19 16-0005	SF		Remove Terrazzo Flooring And Salvage	2.94	
02 41 19 16-0006	SF		Remove Wood Strip Flooring And Salvage.....	1.72	
02 41 19 16-0007	SF		Remove Wood Parquet Flooring And Salvage	0.91	
02 41 19 16-0008	SF		Remove Resilient/Linoleum Flooring And Salvage.....	0.65	
02 41 19 16-0009			Scarify Concrete (02 41 19 16-0001) Note: Up to 1/4" removal per pass.		
02 41 19 16-0010	SF		Scarify Concrete Floor	0.23	
02 41 19 16-0011	SF		Scarify Concrete Tread And Riser	1.95	
02 41 19 16-0012	SF		Scarify Concrete Wall	1.77	
02 41 19 16-0013			Fireproofing Removal (02 41 19 16)		
02 41 19 16-0014	SF		Remove Fireproofing From Concrete Or Steel	1.00	
02 41 19 16-0015			Demolish Ceiling (02 41 19 16)		
02 41 19 16-0016	SF		Demolish Drywall Ceiling	0.77	
02 41 19 16-0017	SF		Demolish Furred Plastered Ceiling	1.80	
02 41 19 16-0018	SF		Demolish Suspended Plastered Ceiling And Suspension System.....	1.37	
02 41 19 16-0019			Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0020	CF		Demolish Interior Reinforced Concrete Stairs.....	6.43	
02 41 19 16-0021	CF		Demolish Exterior Reinforced Concrete Stairs.....	5.12	
02 41 19 16-0022			Demolish Interior Partition/Wall (02 41 19 16) Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0023			Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0022) Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0024			Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0023)		
02 41 19 16-0025	SF		Demolish 4" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.16	
02 41 19 16-0026	SF		Demolish 6" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	4.45	
02 41 19 16-0027	SF		Demolish 8" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	5.02	
02 41 19 16-0028	SF		Demolish 12" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	6.44	
02 41 19 16-0029	SF		Demolish 16" Thick Non Reinforced Concrete Block Interior Partition/Wall.....	8.05	
02 41 19 16-0030	SF		Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall	5.00	
02 41 19 16-0031	SF		Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall	5.34	
02 41 19 16-0032	SF		Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall	6.02	
02 41 19 16-0033	SF		Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall	7.73	
02 41 19 16-0034	SF		Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall	9.65	
02 41 19 16-0035			Demolish Brick Interior Partition/Walls (02 41 19 16-0023)		
02 41 19 16-0036	SF		Demolish 4" Thick Brick Interior Partition/Wall.....	4.16	
02 41 19 16-0037	SF		Demolish 8" Thick Brick Interior Partition/Wall.....	5.02	
02 41 19 16-0038	SF		Demolish 12" Thick Brick Interior Partition/Wall	6.43	
02 41 19 16-0039	SF		Demolish 16" Thick Brick Interior Partition/Wall.....	8.05	
02 41 19 16-0040			Demolish Glass Block Interior Partition/Walls (02 41 19 16-0023)		
02 41 19 16-0041	SF		Demolish Glass Block Interior Partition/Walls.....	3.57	
02 41 19 16-0042			Demolish Concrete Interior Partition/Walls (02 41 19 16-0023) See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0043	SF		Demolish 6" Thick Non Reinforced Concrete Interior Partition/Wall.....	7.58	
02 41 19 16-0044	SF		Demolish 8" Thick Non Reinforced Concrete Interior Partition/Wall.....	9.47	
02 41 19 16-0045	SF		Demolish 12" Thick Non Reinforced Concrete Interior Partition/Wall.....	13.25	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 41 19 16-0046	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall	9.09
02 41 19 16-0047	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	11.43
02 41 19 16-0048	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	15.91

02 41 19 16-0049	Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0023)		
02 41 19 16-0050	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	1.43

02 41 19 16-0051	Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0022)		
	Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0052	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.53
		For Heights >14' To 20', Add	0.38
		For Heights >20', Add	0.51
02 41 19 16-0053	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	2.95
		For Heights >14' To 20', Add	0.44
		For Heights >20', Add	0.59
02 41 19 16-0054	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	3.24
		For Heights >14' To 20', Add	0.49
		For Heights >20', Add	0.65
02 41 19 16-0055	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	4.51
		For Heights >14' To 20', Add	0.68
		For Heights >20', Add	0.90
02 41 19 16-0056	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	1.33
		For Heights >14' To 20', Add	0.20
		For Heights >20', Add	0.27
02 41 19 16-0057	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall	1.59
		For Heights >14' To 20', Add	0.24
		For Heights >20', Add	0.32

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

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

02 43 13 00-0001	Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete (02 43 13)		
	Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.		
02 43 13 00-0002	SF	Up To 800 SF, Move Relocatable Metal Frame Building	27.40
02 43 13 00-0003	SF	>800 To 920 SF, Move Relocatable Metal Frame Building.....	25.90
02 43 13 00-0004	SF	>920 SF, Move Relocatable Metal Frame Building.....	24.24
02 43 13 00-0005	SF	Up To 800 SF, Move Relocatable Wood Frame Building.....	21.98
02 43 13 00-0006	SF	>800 To 920 SF, Move Relocatable Wood Frame Building	20.55
02 43 13 00-0007	SF	>920 SF, Move Relocatable Wood Frame Building	18.18
02 43 13 00-0008	SF	Up To 800 SF, Move Relocatable Wood/Metal Frame Building	26.63
02 43 13 00-0009	SF	>800 To 920 SF, Move Relocatable Wood/Metal Frame Building	24.24
02 43 13 00-0010	SF	>920 SF, Move Relocatable Wood/Metal Frame Building.....	20.55

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

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

02 61 13 00-0001	Excavate Petroleum Contaminated Soil (02 61 13)		
02 61 13 00-0002	CY	Excavate Petroleum Contaminated Soil.....	9.55
		Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.	
02 61 13 00-0003	CY	Load Excavated Petroleum Contaminated Soil.....	5.32
02 61 13 00-0004	CY	Disposal Fees Of Petroleum Contaminated Soil.....	44.32
02 61 13 00-0005	Accessories For Contaminated Soil Stockpile (02 61 13)		
	See CSI section 31 25 14 23-0019 for sand bags.		
02 61 13 00-0006	SF	30 Mil Base Liner	0.92
		Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	
02 61 13 00-0007	SF	10 Mil Base Liner	0.67
		Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	

02 65 Underground Storage Tank Removal (02 60)

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0038 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis (02 65)

02 65 00 00-0002	Field Samples For Testing (02 65 00 00-0001)		
02 65 00 00-0003	EA	Collection Of Sludge Sample	25.25
02 65 00 00-0004	EA	Collection Of Pumpable Liquids Sample.....	25.25
02 65 00 00-0005	EA	Collection Of Contaminated Soil Sample.....	25.25

02 65 00 00-0006			Lab Tests For Underground Storage Tank Removal <small>(02 65 00 00-0001)</small>	
			Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.	
02 65 00 00-0007	EA		Lab Test - Benzene, Toluene, Ethylbenzene, Xylene 8020	100.97
			Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	
02 65 00 00-0008	EA		Lab Test - Flashpoint	39.27
			Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	
02 65 00 00-0009	EA		Lab Test - TOX 9020	94.46
			Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.	
02 65 00 00-0010	EA		Lab Test - TPH 8015 Modified	100.97
			Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.	
02 65 00 00-0011	EA		Lab Test - TRPH 418.1	78.53
			Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	
02 65 00 00-0012	EA		Lab Test - VOC	213.16
			Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	
02 65 00 00-0013	EA		Lab Test - Semi-Volatile Organic	392.66
			Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	
02 65 00 00-0014	EA		Lab Test - Oil And Grease 413.1	47.23
			Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	
02 65 00 00-0015	EA		Lab Test - TCLP (Extraction) - Metals	84.14
			Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02 65 00 00-0016	EA		Lab Test - TCLP (Extraction) - Semi-Volatile Organic	112.19
			Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	
02 65 00 00-0017	EA		Lab Test - Metals 6010 RCRA	125.65
			Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	
02 65 00 00-0018	EA		Lab Test - Metals (Arsenic) 7060	16.83
			Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	
02 65 00 00-0019	EA		Lab Test - Metals (Selenium) 7740	16.83
			Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	
02 65 00 00-0020	EA		Lab Test - Metals (Lead) 7421	16.83
			Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	
02 65 00 00-0021	EA		Lab Test - Metals (Mercury) 7470	31.41
			Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	
02 65 00 00-0022	EA		Lab Test - PNA/PAH 8100	179.50
			Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	
02 65 00 00-0023	EA		Lab Test - Fuel Id ASTM D3328-78	64.94
			Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	
02 65 00 00-0024	EA		Lab Test - pH	13.46
02 65 00 00-0025	EA		Lab Test - PCBs In Wastewater	168.28
02 65 00 00-0026	EA		Lab Test - Methyl Tertiary Butyl Ether (MTBE)	100.97
02 65 00 00-0027			Tests, Surveys And Maintenance <small>(02 65 00 00-0001)</small>	
02 65 00 00-0028	EA		Site Survey For AST/UST Location By Certified Tank Installer	1,074.90
			Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overflow performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	
02 65 00 00-0029	EA		Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems	161.55
			Note: By Certified Technician. Write report of findings for action if needed	
02 65 00 00-0030	EA		Check And Report On Monitor Probes	38.57
			Note: By Certified Technician	
02 65 00 00-0031	EA		Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report	286.75
			Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	
02 65 00 00-0032	EA		Replace Anode On Impressed System	100.21
02 65 00 00-0033	EA		Replace Power Converter On Impressed System	146.57
02 65 00 00-0034	EA		Replace Monitor Probes	224.24
02 65 00 00-0035	EA		Ultrasonic Test	67.13
02 65 00 00-0036			Tests And Sampling Labor Hours <small>(02 65 00 00-0001)</small>	
02 65 00 00-0037	HR		Certified Tank Installer	125.25
02 65 00 00-0038	HR		Certified Geologist/Environmentalist	125.25
02 65 00 00-0039	HR		Hourly Office Work For Reports Required For EPA	105.34
			Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	
02 65 00 00-0040			Remove Tank Contents <small>(02 65)</small>	
02 65 00 00-0041			Transfer Liquid <small>(02 65 00 00-0040)</small>	
			Note: For use to transfer liquids from one tank to another.	
02 65 00 00-0042	GAL		Transfer Reusable Liquid To Different Tank	0.49
			Note: Per gallon of material transferred.	
02 65 00 00-0043			Remove And Dispose Of Liquid From Tank <small>(02 65 00 00-0040)</small>	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 65 00 00-0044	GAL	Remove and Dispose of Hazardous Liquids From Tank.....	1.00
02 65 00 00-0045	GAL	Remove And Dispose Of Non Hazardous Liquid From Tank.....	0.72
02 65 00 00-0046 Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040)			
Note: Includes scraping and solidifying agent.			
02 65 00 00-0047	GAL	Remove And Dispose Of Hazardous Solids Or Sludge From Tank.....	4.75
02 65 00 00-0048	GAL	Remove And Dispose Of Non Hazardous Solids Or Sludge From Tank.....	1.03
02 65 00 00-0049 Purge Vapors, Open And Clean Tank (02 65)			
02 65 00 00-0050 Purge Vapors (02 65 00 00-0049)			
02 65 00 00-0051	LB	Purge Tank Using Dry Ice.....	2.57
Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.			
02 65 00 00-0052 High Pressure Water Wash And Rinse Of Tank Interior (02 65 00 00-0049)			
02 65 00 00-0053	EA	Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	208.46
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	268.02
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	339.49
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	440.75
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	821.93
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	988.70
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,101.86
02 65 00 00-0060	EA	>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,322.23
02 65 00 00-0061	EA	>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,643.85
02 65 00 00-0062	EA	>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,977.39
02 65 00 00-0063	EA	>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,471.74
02 65 00 00-0064	EA	>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,089.97
02 65 00 00-0065	EA	>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,861.87
02 65 00 00-0066 Scrape Clean Tank Exterior (02 65 00 00-0049)			
02 65 00 00-0067	EA	Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....	182.65
02 65 00 00-0068	EA	>275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	243.23
02 65 00 00-0069	EA	>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	318.71
02 65 00 00-0070	EA	>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	441.36
02 65 00 00-0071	EA	>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	977.39
02 65 00 00-0072	EA	>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,237.58
02 65 00 00-0073	EA	>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,448.19
02 65 00 00-0074	EA	>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,820.59
02 65 00 00-0075	EA	>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,366.31
02 65 00 00-0076	EA	>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,970.20
02 65 00 00-0077	EA	>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,867.44
02 65 00 00-0078	EA	>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,640.92
02 65 00 00-0079	EA	>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,801.16
02 65 00 00-0080 Tank And Piping Removal (02 65)			
Note: Excludes excavation.			
02 65 00 00-0081 Removal And Disposal Of Piping (02 65 00 00-0080)			
Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.			
02 65 00 00-0082	LF	Up To 4", Removal And Disposal Of Piping.....	14.14
02 65 00 00-0083	LF	>4" To 8", Removal And Disposal Of Piping.....	18.86
02 65 00 00-0084 Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement (02 65 00 00-0080)			
Note: Excludes excavation or backfill.			
02 65 00 00-0085	EA	Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	498.92
02 65 00 00-0086	EA	>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	605.82
02 65 00 00-0087	EA	>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	712.74
02 65 00 00-0088	EA	>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	890.92
02 65 00 00-0089	EA	>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,247.28
02 65 00 00-0090	EA	>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,568.01
02 65 00 00-0091	EA	>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,781.83
02 65 00 00-0092	EA	>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,138.20
02 65 00 00-0093	EA	>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,850.92
02 65 00 00-0094	EA	>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,417.63
02 65 00 00-0095	EA	>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,004.75
02 65 00 00-0096	EA	>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,685.21
02 65 00 00-0097	EA	>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,856.51
02 65 00 00-0098 Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary (02 65 00 00-0080)			
Note: Includes 1 lengthwise at every 4' O.C. height wise.			
02 65 00 00-0099	EA	>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	613.49
02 65 00 00-0100	EA	>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,144.10
02 65 00 00-0101	EA	>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,376.22
02 65 00 00-0102	EA	>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,533.75
02 65 00 00-0103	EA	>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,840.49

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

02 65 00 00-0104	EA	>10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,288.19
02 65 00 00-0105	EA	>15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,752.46
02 65 00 00-0106	EA	>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,440.57
02 65 00 00-0107	EA	>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,300.71
02 65 00 00-0108	EA	>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	5,375.89

02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station (02 65 00 00-0080)

Note: Includes disposal fee.

02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	137.80
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>3.45</i>
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	174.06
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>4.35</i>
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	261.09
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>6.53</i>
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	661.55
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>7.62</i>
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,167.28
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>13.42</i>
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,210.80
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>14.51</i>
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,283.33
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>16.32</i>
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,845.96
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>21.76</i>
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,554.76
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>32.64</i>
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,973.47
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>36.26</i>
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,668.11
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>43.52</i>
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	5,063.27
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>52.22</i>
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	6,090.46
		<i>For Each Additional Mile >15 Miles, Add</i>	<i>60.05</i>

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

02 65 00 00-0124	GAL	Remove Cement Lining.....	0.46
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	0.17
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection.....	0.93

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

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

02 65 00 00-0128	EA	Prepare Tank Closure Report.....	2,687.26
------------------	----	----------------------------------	----------

02 65 00 00-0129 Temporary Tanks (02 65)

02 65 00 00-0130 Temporary Holding Tanks (02 65 00 00-0129)

02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental (02 65 00 00-0130)

02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental.....	466.85
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental.....	466.85
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental.....	933.70
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental.....	700.28
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental.....	1,633.98
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental.....	1,167.13
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	1,966.66
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	2,356.87
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental.....	3,980.14

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

02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental.....	1,011.51
------------------	----	--	----------

02 80 Facility Remediation (02)

02 81 Transportation And Disposal Of Hazardous Materials (02 80)

02 81 00 00-0001 Hazardous Material Disposal (02 81)

02 81 00 00-0002	GAL	Drain Hazardous (PCB) Oil Filled Equipment And Dispose In Approved Container.....	8.32
		Note: Includes handling of container and disposal at approved site.	
02 81 00 00-0003	CF	Hazardous (PCB) Oil Filled Equipment Disposal At Approved Site.....	56.22
		Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.	

02 82 Asbestos Remediation (02 80)

Note: Tasks include materials, equipment (e.g. ladders, high volume vacuum with sound suppression system where required, etc.), mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, HEPA vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, fees, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there are tasks with a unit of measure of EA for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 74 19 00-0038 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

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

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

02 82 13 00-0002	HR	Bulk Sampling Or Air Monitoring, Asbestos Testing.....	62.20
02 82 13 00-0003	EA	48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	30.50
02 82 13 00-0004	EA	Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	35.76
02 82 13 00-0005	EA	Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	56.79
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing.....	97.81
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	118.84
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	24.19
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing.....	29.45
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing.....	39.96
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	30.50
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	35.76
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	56.79
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	97.81
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing	112.53
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	156.70

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

02 82 16 00-0002	SF	Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....	1.11
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	1.59
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®)	1.51
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	1.73
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®)	4.82
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®)	5.37

02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)**02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)****02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)**

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

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

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0004	EA	>10 To 25 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	515.37
		<i>For Work In Restricted Working Space, Add</i>	154.61
02 82 33 00-0005	LF	>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	26.35
		<i>For Work In Restricted Working Space, Add</i>	7.91
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	19.77
		<i>For Work In Restricted Working Space, Add</i>	5.93
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	14.83
		<i>For Work In Restricted Working Space, Add</i>	4.45
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	11.12
		<i>For Work In Restricted Working Space, Add</i>	3.34
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	9.67
		<i>For Work In Restricted Working Space, Add</i>	2.90

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

See CSI section 02 82 33 00-0017 for projects with less than 10 LF.

02 82 33 00-0011	EA	>10 To 25 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	515.37
		<i>For Work In Restricted Working Space, Add</i>	154.61
02 82 33 00-0012	LF	>25 To 250 LF, >6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	30.31
		<i>For Work In Restricted Working Space, Add</i>	9.09
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	22.73
		<i>For Work In Restricted Working Space, Add</i>	6.82
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	17.05
		<i>For Work In Restricted Working Space, Add</i>	5.12
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	12.78
		<i>For Work In Restricted Working Space, Add</i>	3.83
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal	11.12
		<i>For Work In Restricted Working Space, Add</i>	3.34

02 82 33 00-0017 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.

02 82 33 00-0018	EA	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal	559.84
		<i>For Work In Restricted Working Space, Add</i>	167.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0019 LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	82.94	24.88
02 82 33 00-0020 LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	32.19	9.66
02 82 33 00-0021 LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	24.15	7.25
02 82 33 00-0022 LF >500 LF Additional Glove Bag Work for Pipe Insulation <i>For Work In Restricted Working Space, Add</i>	18.10	5.43
02 82 33 00-0023 Thermal Insulation, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0024 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0023) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0025 EA Up To 20 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0026 SF >20 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	26.35	
02 82 33 00-0027 SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	20.76	
02 82 33 00-0028 SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	15.57	
02 82 33 00-0029 SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	11.68	
02 82 33 00-0030 Surfacing Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0031 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0030) Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.		
02 82 33 00-0032 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	128.85	
02 82 33 00-0033 Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0030) Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0034 EA Up To 20 SF, Fireproofing, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0035 SF >20 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	31.62	
02 82 33 00-0036 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	23.70	
02 82 33 00-0037 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal	17.78	
02 82 33 00-0038 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal	13.34	
02 82 33 00-0039 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0030) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0040 EA Up To 20 SF, Acoustical Plaster, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0041 SF >20 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	13.21	
02 82 33 00-0042 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal	9.98	
02 82 33 00-0043 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	7.41	
02 82 33 00-0044 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal	5.48	
02 82 33 00-0045 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0046 EA Up To 20 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0047 SF >20 To 500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	10.14	
02 82 33 00-0048 SF >500 To 2,500 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	7.41	
02 82 33 00-0049 SF >2,500 To 10,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	5.80	
02 82 33 00-0050 SF >10,000 To 50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	4.51	
02 82 33 00-0051 SF >50,000 SF, Gypsum Wall Board, Asbestos Abatement And Disposal	3.22	
02 82 33 00-0052 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0053 EA Up To 10 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0054 SF >10 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	19.27	
02 82 33 00-0055 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	14.11	
02 82 33 00-0056 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	11.02	
02 82 33 00-0057 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	8.57	
02 82 33 00-0058 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	6.12	
02 82 33 00-0059 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0060 EA Up To 20 SF, Stucco, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0061 SF >20 To 500 SF, Stucco, Asbestos Abatement And Disposal	22.40	
02 82 33 00-0062 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal	16.80	
02 82 33 00-0063 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	12.60	
02 82 33 00-0064 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal	9.46	
02 82 33 00-0065 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0030)		
02 82 33 00-0066 EA Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	515.37	
02 82 33 00-0067 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	8.59	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST
02 82 33 00-0068	SF	>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.44
02 82 33 00-0069	SF	>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	4.84
02 82 33 00-0070	SF	>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	3.61
02 82 33 00-0071		Flooring Material, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0072		Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0071)	
02 82 33 00-0073		Floor Tile Or Linoleum, Asbestos Abatement And Disposal (02 82 33 00-0072) Note: Single layer or first of multiple layers. Excludes mastic.	
02 82 33 00-0074	EA	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0075	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	5.27
		For Each Additional Layer, Add	1.32
02 82 33 00-0076	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	4.29
		For Each Additional Layer, Add	1.07
02 82 33 00-0077	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	3.38
		For Each Additional Layer, Add	0.85
02 82 33 00-0078	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Asbestos Abatement And Disposal.....	2.28
		For Each Additional Layer, Add	0.57
02 82 33 00-0079		Carpet, Asbestos Abatement And Disposal (02 82 33 00-0072)	
02 82 33 00-0080	EA	Up To 100 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0081	SF	>100 To 500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	4.08
02 82 33 00-0082	SF	>500 To 2,500 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	3.27
02 82 33 00-0083	SF	>2,500 To 10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	2.35
02 82 33 00-0084	SF	>10,000 SF, Non-Friable Carpet, Asbestos Abatement And Disposal.....	1.74
02 82 33 00-0085		Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0072) Note: Up to 12".	
02 82 33 00-0086	EA	Up To 50 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	193.27
02 82 33 00-0087	LF	>50 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.43
02 82 33 00-0088	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.06
02 82 33 00-0089	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.29
02 82 33 00-0090	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	0.90
02 82 33 00-0091		Mastic, Asbestos Abatement And Disposal (02 82 33 00-0071) Note: Applies to single layer or bottom layer only of multiple layers. Non hydrocarbon with pine, citrus or no odor.	
02 82 33 00-0092	EA	Up To 200 SF, Mastic, Asbestos Abatement And Disposal.....	515.37
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0093	SF	>200 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	1.32
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0094	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	0.97
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0095	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	0.75
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0096	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal.....	0.60
		Note: Applies to bottom layer only if multiple layers.	
02 82 33 00-0097		Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0071) Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.	
02 82 33 00-0098	EA	Up To 10 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0099	SF	>10 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	6.09
02 82 33 00-0100	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.45
02 82 33 00-0101	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	3.47
02 82 33 00-0102	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	2.70
02 82 33 00-0103		Roofing, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0104		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0103) Note: Includes paint, flashing, sheet metal, insulation, pitch pockets, board etc.	
02 82 33 00-0105		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)	
02 82 33 00-0106	EA	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0107	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.12
02 82 33 00-0108	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.29
02 82 33 00-0109	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.64

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

02 82 33 00-0110	SF		>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.97	
02 82 33 00-0111	SF		>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.48	
02 82 33 00-0112			>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)		
02 82 33 00-0113	EA		Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	515.37	
02 82 33 00-0114	SF		>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.69	
02 82 33 00-0115	SF		>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.74	
02 82 33 00-0116	SF		>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.01	
02 82 33 00-0117	SF		>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.26	
02 82 33 00-0118	SF		>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.68	
02 82 33 00-0119			>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0104)		
02 82 33 00-0120	EA		Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	515.37	
02 82 33 00-0121	SF		>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.21	
02 82 33 00-0122	SF		>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.15	
02 82 33 00-0123	SF		>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.34	
02 82 33 00-0124	SF		>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	2.51	
02 82 33 00-0125	SF		>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1.88	
02 82 33 00-0126			Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0103)		
02 82 33 00-0127			Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0126)		
02 82 33 00-0128	EA		Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	515.37	
02 82 33 00-0129	SF		>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.12	
			<i>For Each Additional Layer, Add</i>	1.03	
02 82 33 00-0130	SF		>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.29	
			<i>For Each Additional Layer, Add</i>	0.82	
02 82 33 00-0131	SF		>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	2.64	
			<i>For Each Additional Layer, Add</i>	0.66	
02 82 33 00-0132	SF		>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.97	
			<i>For Each Additional Layer, Add</i>	0.49	
02 82 33 00-0133	SF		>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.48	
			<i>For Each Additional Layer, Add</i>	0.37	
02 82 33 00-0134			Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0103)		
02 82 33 00-0135	EA		Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	128.85	
02 82 33 00-0136	SF		>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.61	
02 82 33 00-0137	SF		>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.32	
02 82 33 00-0138	SF		>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.06	
02 82 33 00-0139	SF		>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	0.77	
02 82 33 00-0140			Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0103)		
02 82 33 00-0141	EA		Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	128.85	
02 82 33 00-0142	LF		>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.83	
02 82 33 00-0143	LF		>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	3.87	
02 82 33 00-0144	LF		>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	3.22	
02 82 33 00-0145	LF		>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	2.32	
02 82 33 00-0146			Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0147			Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0146)		
			Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0148	EA		Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	515.37	
02 82 33 00-0149	SF		>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	5.27	
02 82 33 00-0150	SF		>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	2.64	
02 82 33 00-0151	SF		>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	2.10	
02 82 33 00-0152	SF		>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	1.83	
02 82 33 00-0153			Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0146)		

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 82 33 00-0154	EA	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	515.37
02 82 33 00-0155	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	4.58
02 82 33 00-0156	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.35
02 82 33 00-0157	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1.88
02 82 33 00-0158	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1.63
02 82 33 00-0159 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal <small>(02 82 33 00-0146)</small>			
02 82 33 00-0160	EA	Up To 20 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0161	LF	>20 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	26.35
02 82 33 00-0162	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	19.77
02 82 33 00-0163	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	14.83
02 82 33 00-0164	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	11.12
02 82 33 00-0165	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	8.34
02 82 33 00-0166	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	8.15
02 82 33 00-0167 Exterior Transite Siding, Asbestos Abatement And Disposal <small>(02 82 33 00-0146)</small>			
02 82 33 00-0168	EA	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	515.37
		Note: Single or first of multiple layers.	
02 82 33 00-0169	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	4.12
		Note: Single or first of multiple layers.	
02 82 33 00-0170	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	3.29
		Note: Single or first of multiple layers.	
02 82 33 00-0171	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.64
		Note: Single or first of multiple layers.	
02 82 33 00-0172	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	1.97
		Note: Single or first of multiple layers.	
02 82 33 00-0173	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	1.48
		Note: Single or first of multiple layers.	
02 82 33 00-0174 Asbestos Contaminated Debris, Asbestos Abatement And Disposal <small>(02 82 33)</small>			
02 82 33 00-0175 Asbestos Contaminated Debris, Asbestos Abatement And Disposal <small>(02 82 33 00-0174)</small>			
02 82 33 00-0176	EA	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal	515.37
		For Work In Restricted Working Space, Add	154.61
02 82 33 00-0177	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	51.25
		For Work In Restricted Working Space, Add	15.38
02 82 33 00-0178	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	34.17
		For Work In Restricted Working Space, Add	10.25
02 82 33 00-0179	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	25.66
		For Work In Restricted Working Space, Add	7.70
02 82 33 00-0180	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	20.50
		For Work In Restricted Working Space, Add	6.15
02 82 33 00-0181	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	17.42
		For Work In Restricted Working Space, Add	5.23
02 82 33 00-0182	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal.....	15.67
		For Work In Restricted Working Space, Add	4.70
02 82 33 00-0183 Asbestos Contaminated Soil, Asbestos Abatement And Disposal <small>(02 82 33 00-0174)</small>			
02 82 33 00-0184	EA	Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	773.05
		For Work In Restricted Working Space, Add	231.92
02 82 33 00-0185	CF	>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	51.25
		For Work In Restricted Working Space, Add	15.38
02 82 33 00-0186	CF	>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	34.17
		For Work In Restricted Working Space, Add	10.25
02 82 33 00-0187	CF	>250 To 500 CF, Asbestos Contaminated Asbestos Abatement And Disposal.....	25.66
02 82 33 00-0188	CF	>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	20.50
		For Work In Restricted Working Space, Add	6.15
02 82 33 00-0189	CF	>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	17.42
		For Work In Restricted Working Space, Add	5.23
02 82 33 00-0190	CF	>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	15.67
		For Work In Restricted Working Space, Add	4.70
02 82 33 00-0191 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal <small>(02 82 33 00-0174)</small>			
02 82 33 00-0192	EA	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	515.37
02 82 33 00-0193	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	46.12
02 82 33 00-0194	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	30.75
02 82 33 00-0195	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	23.09
02 82 33 00-0196	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	18.45
02 82 33 00-0197	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	15.68
02 82 33 00-0198	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal	14.11
02 82 33 00-0199 Other Asbestos Containing Materials, Asbestos Abatement And Disposal <small>(02 82 33)</small>			
02 82 33 00-0200 30" To 36" Fire Door, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>			
02 82 33 00-0201	EA	Up To 5 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	103.07
02 82 33 00-0202	EA	>5 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	39.53
02 82 33 00-0203	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	26.35

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

02 82 33 00-0204 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
02 82 33 00-0205	EA		Up To 25 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	257.68	
02 82 33 00-0206	LF	>25 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		5.27	
02 82 33 00-0207	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		3.96	
02 82 33 00-0208	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		3.40	
02 82 33 00-0209	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		2.93	
02 82 33 00-0210	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		2.51	
02 82 33 00-0211	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal		2.17	

02 82 33 00-0212 Grout, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
Note: e.g. flue grout.					
02 82 33 00-0213	EA		Up To 20 LF, Grout, Asbestos Abatement And Disposal.....	193.27	
02 82 33 00-0214	LF	>20 To 50 LF, Grout, Asbestos Abatement And Disposal		10.14	
02 82 33 00-0215	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal		6.98	
02 82 33 00-0216	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal		5.98	
02 82 33 00-0217	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal		5.14	
02 82 33 00-0218	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal		4.43	
02 82 33 00-0219	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal.....		3.80	

02 82 33 00-0220 Gaskets, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
Note: e.g. rope, web cloth, flat.					
02 82 33 00-0221	EA		Up To 15 LF, Gaskets, Asbestos Abatement And Disposal.....	193.27	
02 82 33 00-0222	LF	>15 To 50 LF, Gaskets, Asbestos Abatement And Disposal		13.67	
02 82 33 00-0223	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal		10.25	
02 82 33 00-0224	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal		8.73	
02 82 33 00-0225	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal		7.86	
02 82 33 00-0226	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal		7.06	
02 82 33 00-0227	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal		6.72	

02 82 33 00-0228 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.					
02 82 33 00-0229	EA		Up To 40 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal.....	515.37	
02 82 33 00-0230	SF	>40 To 1,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal		10.96	
02 82 33 00-0231	SF	>1,000 To 2,500 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal		5.27	
02 82 33 00-0232	SF	>2,500 To 10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal		3.56	
02 82 33 00-0233	SF	>10,000 SF, Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal		3.02	

02 82 33 00-0234 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
Note: Includes ceiling tile, asbestos barrier paper, and furring strips.					
02 82 33 00-0235	EA		Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	515.37	
02 82 33 00-0236	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....		10.96	
02 82 33 00-0237	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		5.27	
02 82 33 00-0238	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal		3.56	
02 82 33 00-0239	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....		3.02	

02 82 33 00-0240 Caulking, Asbestos Abatement And Disposal <small>(02 82 33 00-0199)</small>					
02 82 33 00-0241 Non Friable Caulking, Asbestos Abatement And Disposal <small>(02 82 33 00-0240)</small>					
02 82 33 00-0242	EA		Up To 25 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....	193.27	
02 82 33 00-0243	LF	>25 To 50 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		7.60	
02 82 33 00-0244	LF	>50 To 100 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		5.36	
02 82 33 00-0245	LF	>100 To 250 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		3.99	
02 82 33 00-0246	LF	>250 To 1,000 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		2.99	
02 82 33 00-0247	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		2.37	
02 82 33 00-0248	LF	>2,500 LF, Non-Friable Asbestos Or PCB Contaminated Caulking, Asbestos Abatement And Disposal.....		2.06	

02 83 Lead Remediation (02 80)
 Note: Tasks include materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 74 19 00-0038 for hauling in excess of 25 miles to transfer or disposal site, 02 81 00 00-0001 for transportation and disposal of hazardous material into approved facility., 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

- 02 83 19 Lead-Based Paint Remediation** (02 83)
- 02 83 19 13 Lead-Based Paint Abatement** (02 83 19)
- 02 83 19 13-0001 Scrape And Sand Lead Paint (02 83 19 13)

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0002	SF	Hand Scrape Lead Paint From Concrete Or Masonry Surfaces	0.98
02 83 19 13-0003	SF	Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces	1.02
02 83 19 13-0004	SF	Hand Scrape Lead Paint From Wood Surfaces	1.35
02 83 19 13-0005	SF	Hand Scraping And Sanding Lead Paint From Metal Surfaces	1.38

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

Note: Includes taking sample, delivery to lab and lab fee.

02 83 19 13-0007	EA	X-Ray Fluorescence (XRF) Lead Testing Including Technician, 3 Readings Per Surface	36.25
02 83 19 13-0008	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (5 Day Turnaround) And Lab Fee	34.71
02 83 19 13-0009	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (48 Hour Turnaround) And Lab Fee	52.58
02 83 19 13-0010	EA	Toxicity Characteristic Leaching Procedure (TCLP) Lead Test (24 Hour Turnaround) And Lab Fee	73.62
02 83 19 13-0011	EA	Total Threshold Leaching Concentration (TTL) Lead Test (5 Day Turnaround) And Lab Fee	13.67
02 83 19 13-0012	EA	Total Threshold Leaching Concentration (TTL) Lead Test (24 Hour Turnaround) And Lab Fee	21.03
02 83 19 13-0013	EA	Total Threshold Leaching Concentration (TTL) Lead Test (8 Hour Turnaround) And Lab Fee	26.29
02 83 19 13-0014	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (5 Day Turnaround) And Lab Fee	34.71
02 83 19 13-0015	EA	Soluble Threshold Limit Concentration (STLC) Lead Test (3 Day Turnaround) And Lab Fee	52.58
02 83 19 13-0016	EA	Lead Wipe Samples (5 Day Turnaround) And Lab Fee	5.78
02 83 19 13-0017	EA	Lead Wipe Samples (24 Hour Turnaround) And Lab Fee	7.89
02 83 19 13-0018	EA	Lead Wipe Samples (8 Hour Turnaround) And Lab Fee	11.57
02 83 19 13-0019	EA	Lead Air Samples (5 Day Turn -Around) And Lab Fee	5.78
02 83 19 13-0020	EA	Lead Air Samples (24 Hour Turnaround) And Lab Fee	7.89
02 83 19 13-0021	EA	Lead Air Samples (8 Hour Turnaround) And Lab Fee	11.57
02 83 19 13-0022	EA	Lead Water Test (5 Day Turnaround) and Lab Fee	21.03
02 83 19 13-0023	EA	Lead Water Test (24 Hour Turnaround) and Lab Fee	31.55
02 83 19 13-0024	EA	Lead Water Test (8 Hour Turnaround) and Lab Fee	42.07
02 83 19 13-0025	EA	Lead Paint Chip Test (5 Day Turnaround) and Lab Fee	21.75
02 83 19 13-0026	EA	Lead Soil Test (5 Day Turnaround) and Lab Fee	43.50
02 83 19 13-0027	EA	Sample Pickup, Per Trip	31.55

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

02 83 19 13-0029	EA	Lead-Based Paint Remediation Minimum Show Up Charge	796.84
------------------	----	---	--------

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

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

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

02 83 19 13-0031	SF	Balustrades, Simple, Chemical Stripping Of Lead Contaminated Material	25.46
02 83 19 13-0032	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	38.06
02 83 19 13-0033	LF	Up To 6" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	10.83
02 83 19 13-0034	LF	>6" To 12" Wide Baseboard, Chemical Stripping Of Lead Contaminated Material	22.50
02 83 19 13-0035	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	7.02
02 83 19 13-0036	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	27.30
02 83 19 13-0037	SF	Cabinets, Simple Design, Chemical Stripping Of Lead Contaminated Material	21.32
02 83 19 13-0038	SF	Ceilings, All, Chemical Stripping Of Lead Contaminated Material	9.87
02 83 19 13-0039	SF	Columns, Chemical Stripping Of Lead Contaminated Material	9.34
02 83 19 13-0040	SF	Cornice, Simple, Chemical Stripping Of Lead Contaminated Material	11.56
02 83 19 13-0041	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	33.86
02 83 19 13-0042	SF	Doors, One Side Flush, Chemical Stripping Of Lead Contaminated Material	8.29
02 83 19 13-0043	SF	Doors, One Panel, Chemical Stripping Of Lead Contaminated Material	8.66
02 83 19 13-0044	SF	Doors, Four Panel, Chemical Stripping Of Lead Contaminated Material	15.26
02 83 19 13-0045	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	112.42
02 83 19 13-0046	LF	Trim Or Frames, One Side, Chemical Stripping Of Lead Contaminated Material	10.77
02 83 19 13-0047	LF	Up To 2" Electrical Conduit, Chemical Stripping Of Lead Contaminated Material	4.65
02 83 19 13-0048	SF	Fence, Picket, Chemical Stripping Of Lead Contaminated Material	22.86
02 83 19 13-0049	SF	Floors, Wood, Chemical Stripping Of Lead Contaminated Material	5.70
02 83 19 13-0050	SF	Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	27.30
02 83 19 13-0051	SF	Grilles, Simple, Chemical Stripping Of Lead Contaminated Material	22.81
02 83 19 13-0052	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	13.85
02 83 19 13-0053	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	17.25
02 83 19 13-0054	LF	Up To 4" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	7.69
02 83 19 13-0055	LF	>4" To 8" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	13.80
02 83 19 13-0056	LF	>8" To 12" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	19.02
02 83 19 13-0057	LF	>12" To 16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material	34.33
02 83 19 13-0058	SF	>16" Diameter Pipes (Brush), Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	10.32
02 83 19 13-0059	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	206.93
02 83 19 13-0060	EA	Shutters Front And Back Louvered, Up To 6", Chemical Stripping Of Lead Contaminated Material	231.62
02 83 19 13-0061	EA	Shutters Flat, Chemical Stripping Of Lead Contaminated Material	169.79
02 83 19 13-0062	SF	Siding, Chemical Stripping Of Lead Contaminated Material	7.80
02 83 19 13-0063	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	17.15
02 83 19 13-0064	SF	Steel, Flat Surfaces And Tanks Up To 12", Chemical Stripping Of Lead Contaminated Material	7.63
02 83 19 13-0065	SF	Steel Beams, Chemical Stripping Of Lead Contaminated Material	8.69
02 83 19 13-0066	SF	Trusses, Chemical Stripping Of Lead Contaminated Material	12.53
02 83 19 13-0067	SF	Walls, Wood, Chemical Stripping Of Lead Contaminated Material	8.69
02 83 19 13-0068	SF	Windows, One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material	20.68
02 83 19 13-0069	SF	Windows, One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material	22.67
02 83 19 13-0070	SF	Windows, One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material	24.02
02 83 19 13-0071	SF	Windows, One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material	25.38
02 83 19 13-0072	SF	Windows, One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material	26.73

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

02 83 19 13-0073	SF		Windows, One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material	28.14	
02 83 19 13-0074	SF		Windows, One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material	29.46	
02 83 19 13-0075	SF		Windows, One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material	30.14	
02 83 19 13-0076	SF		Windows, One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material	30.83	
02 83 19 13-0077	SF		Windows, One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material	31.48	
02 83 19 13-0078	SF		Metal Stair, Chemical Stripping Of Lead Contaminated Material	41.26	
02 83 19 13-0079	SF		Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material	20.74	
Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing.					
02 83 19 13-0080	LF		Ornate Railings, Chemical Stripping Of Lead Contaminated Material	6.96	

02 83 19 13-0081

Demolish Lead Contaminated Material (02 83 19 13)

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

02 83 19 13-0082	SF		Demolish Ceiling Including Suspension System, Plaster, Lath, Lead Contaminated Material	1.85	
02 83 19 13-0083	SF		Demolish Suspended Acoustical Ceiling System, Including Tile, Lead Contaminated Material	1.08	
02 83 19 13-0084	SF		Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.69	
02 83 19 13-0085	SF		Demolish Metal Pan Grid System, Lead Contaminated Material	1.08	
02 83 19 13-0086	EA		Demolish Up To 2' x 4' Light Fixtures, Lead Contaminated Material	51.80	
02 83 19 13-0087	EA		Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	68.72	
02 83 19 13-0088	SF		Demolish Non Load Bearing Partitions, Plaster, Lath And Studs, Lead Contaminated Material	7.67	
02 83 19 13-0089	SF		Demolish Non Load Bearing Partitions, Gypsum Board And Studs, Lead Contaminated Material	4.29	
02 83 19 13-0090	SF		Remove Lead Paint On Brick Or Concrete Block, Lead Contaminated Material	4.71	
02 83 19 13-0091	IN		Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	3.64	
02 83 19 13-0092	IN		Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.83	
02 83 19 13-0093	SF		Demolish Balustrades And Railings, Lead Contaminated Material	5.37	
02 83 19 13-0094	LF		Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.40	
02 83 19 13-0095	LF		Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	1.75	
02 83 19 13-0096	LF		Demolish Base Shoe Molding, Lead Contaminated Material	1.14	
02 83 19 13-0097	SF		Demolish Brick, Lead Contaminated Material	3.24	
02 83 19 13-0098	SF		Demolish Concrete Block, Lead Contaminated Material	4.17	
02 83 19 13-0099	SF		Demolish Concrete, Lead Contaminated Material	10.68	
02 83 19 13-0100	LF		Demolish Cabinets, Lead Contaminated Material	24.89	
02 83 19 13-0101	SF		Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.41	
02 83 19 13-0102	SF		Demolish Up To 12" Diameter Columns, Lead Contaminated Material	13.79	
02 83 19 13-0103	SF		Demolish Cornice, Lead Contaminated Material	1.83	
02 83 19 13-0104	EA		Demolish Doors, Lead Contaminated Material	53.99	
02 83 19 13-0105	LF		Demolish Door And Window Trim Or Frames, Lead Contaminated Material	1.64	
02 83 19 13-0106	EA		Demolish Electrical Devices, Lead Contaminated Material	16.56	
02 83 19 13-0107	LF		Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.13	
02 83 19 13-0108	LF		Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	3.54	
02 83 19 13-0109	SF		Demolish Fence, Picket, Lead Contaminated Material	2.04	
02 83 19 13-0110	SF		Demolish Wood Floors, Lead Contaminated Material	2.55	
02 83 19 13-0111	SF		Demolish Grilles, Lead Contaminated Material	3.00	
02 83 19 13-0112	EA		Demolish Hinges, Lead Contaminated Material	6.02	
02 83 19 13-0113	EA		Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	12.94	
02 83 19 13-0114	LF		Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	5.30	
02 83 19 13-0115	LF		Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	7.74	
02 83 19 13-0116	LF		Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	11.70	
02 83 19 13-0117	LF		Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	21.58	
02 83 19 13-0118	EA		Demolish Radiators, Lead Contaminated Material	93.20	
02 83 19 13-0119	EA		Demolish Shutters And Louvered, Up To 6', Lead Contaminated Material	36.32	
02 83 19 13-0120	SF		Demolish Siding, Lead Contaminated Material	1.45	
02 83 19 13-0121	SF		Demolish Up To 12" Wide Soffit, Lead Contaminated Material	1.23	
02 83 19 13-0122	SF		Demolish Steel, Flat Surfaces And Tanks Up To 12', Lead Contaminated Material	3.35	
02 83 19 13-0123	SF		Demolish Steel Beams, Lead Contaminated Material	3.96	
02 83 19 13-0124	SF		Demolish Trusses, Lead Contaminated Material	5.19	
02 83 19 13-0125	SF		Demolish Walls, Wood, Lead Contaminated Material	3.83	
02 83 19 13-0126	SF		Demolish Windows, Lead Contaminated Material	12.89	
02 83 19 13-0127	SF		Demolish Metal Stair, Lead Contaminated Material	6.17	
02 83 19 13-0128	LF		Demolish Metal Railing And Posts, Lead Contaminated Material	7.41	
02 83 19 13-0129	SF		Demolish Plywood, Lead Contaminated Material	5.57	
02 83 19 13-0130	SF		Demolish Planks (Various Sizes), Lead Contaminated Material	2.72	
02 83 19 13-0131	SF		Demolish Ceramic Tile, Walls Or Floor, Lead Contaminated Material	3.14	
02 83 19 13-0132	EA		Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	17.01	
02 83 19 13-0133	SF		Demolish Ceramic Tile Block, Lead Contaminated Material	3.71	
02 83 19 13-0134	LF		Demolish Metal Hand Rails, Lead Contaminated Material	4.54	
02 83 19 13-0135	LF		Demolish Metal Guard Rails, Lead Contaminated Material	10.20	
02 83 19 13-0136	LF		Demolish Roof Metal Trim, Lead Contaminated Material	2.18	
02 83 19 13-0137	LF		Demolish Rain Gutters, Lead Contaminated Material	2.38	
02 83 19 13-0138	LF		Demolish Downspouts, Lead Contaminated Material	2.38	
02 83 19 13-0139	LF		Demolish Roof Metal Flashing, Lead Contaminated Material	2.18	
02 83 19 13-0140	LF		Demolish Fascia Board Up To 12", Lead Contaminated Material	5.45	
02 83 19 13-0141	SF		Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	5.45	
02 83 19 13-0142	SF		Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	3.91	
02 83 19 13-0143	SF		Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.06	
02 83 19 13-0144	SF		Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	2.38	
02 83 19 13-0145	SF		Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material	17.01	
02 83 19 13-0146	SF		Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material	12.10	
02 83 19 13-0147	SF		Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	9.07	
02 83 19 13-0148	SF		Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	6.80	

02 83 19 13-0149

Wet Sanding Of Lead Contaminated Material (02 83 19 13)

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0150 SF Wet Sand/Scrape Of Lead Contaminated Material For Prep Before New Paint1.48

02 83 19 13-0151 Lead Abatement Encapsulation (02 83 19 13)

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0152	SF	Balustrades, Lead Abatement Encapsulation	4.70
02 83 19 13-0153	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.41
02 83 19 13-0154	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.31
02 83 19 13-0155	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.02
02 83 19 13-0156	SF	Ornate Cabinets, Lead Abatement Encapsulation	6.80
02 83 19 13-0157	SF	Simple Design Cabinets, Lead Abatement Encapsulation	5.54
02 83 19 13-0158	SF	Drywall Ceilings, Lead Abatement Encapsulation	1.89
02 83 19 13-0159	SF	Wood Ceilings, Lead Abatement Encapsulation	2.30
02 83 19 13-0160	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.13
02 83 19 13-0161	SF	Columns, Lead Abatement Encapsulation	3.65
02 83 19 13-0162	SF	Doors, Lead Abatement Encapsulation	7.98
02 83 19 13-0163	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.07
02 83 19 13-0164	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.18
02 83 19 13-0165	SF	Wood Floors (Roller), Lead Abatement Encapsulation	1.82
02 83 19 13-0166	SF	Grilles, Vents, Lead Abatement Encapsulation	5.07
02 83 19 13-0167	LF	Gutters And Downspouts, Lead Abatement Encapsulation	4.70
02 83 19 13-0168	EA	Hangers, Lead Abatement Encapsulation	40.01
02 83 19 13-0169	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	2.85
02 83 19 13-0170	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.10
02 83 19 13-0171	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	6.36
02 83 19 13-0172	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.39
02 83 19 13-0173	EA	Radiators, Lead Abatement Encapsulation	171.24
02 83 19 13-0174	EA	Up To 6" Shutters, Lead Abatement Encapsulation	147.94
02 83 19 13-0175	SF	Siding, Lead Abatement Encapsulation	2.60
02 83 19 13-0176	SF	Up To 12" Soffit, Lead Abatement Encapsulation	3.65
02 83 19 13-0177	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.02
02 83 19 13-0178	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	3.95
02 83 19 13-0179	SF	Trusses, Lead Abatement Encapsulation	3.95
02 83 19 13-0180	SF	Drywall Walls, Lead Abatement Encapsulation	1.68
02 83 19 13-0181	SF	Wood Walls, Lead Abatement Encapsulation	2.07
02 83 19 13-0182	EA	Double Hung Window, Lead Abatement Encapsulation	148.24
02 83 19 13-0183	EA	Colonial Window, Lead Abatement Encapsulation	174.21
02 83 19 13-0184	LF	Frames And Trim, Lead Abatement Encapsulation	2.68
02 83 19 13-0185	LF	Steel Lintels, Lead Abatement Encapsulation	3.09

02 83 33 Removal and Disposal of Material Containing Lead (02 83)**02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)****02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead (02 83 33 13)**

02 83 33 13-0002	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Mild Detergent	0.23
02 83 33 13-0003	SF	HEPA Vacuum And Wet Clean Lead Contaminated Area With Tri-Sodium Phosphate	0.27
02 83 33 13-0004	SF	HEPA Vacuum And Shampoo Lead Contaminated Carpeting	1.08

02 84 Polychlorinate Biphenyl Remediation (02 80)**02 84 16 Handling Of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)****02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)**

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.

02 84 16 00-0002 EA Remove TSCA-Exempt PCB And Non-PCB Ballast From A Demolished Fixture For Recycling6.89

02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)

Note: Non leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.

02 84 16 00-0004	EA	Recycle Non-PCB Ballast Removed From Up To 4' Length Fixtures	0.88
02 84 16 00-0005	EA	Recycle Non-PCB Ballast Removed From >4' To 8' Length Fixtures	1.32
02 84 16 00-0006	EA	Recycle TSCA-Exempt PCB Ballast Removed From Up To 4' Length Fixtures	4.09
02 84 16 00-0007	EA	Recycle TSCA-Exempt PCB Ballast Removed From >4' To 8' Length Fixtures	9.35

02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)

Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.

02 84 16 00-0009	EA	Dispose Of Leaking Non-PCB Ballast Removed From Up To 4' Length Fixtures	2.19
02 84 16 00-0010	EA	Dispose Of Leaking Non-PCB Ballast Removed From >4' To 8' Length Fixtures	3.29
02 84 16 00-0011	EA	Dispose Of Leaking PCB Ballast Removed From Up To 4' Length Fixtures	6.14
02 84 16 00-0012	EA	Dispose Of Leaking PCB Ballast Removed From >4' To 8' Length Fixtures	14.03

02 84 33 Removal and Disposal of Polychlorinate Biphenyls (02 84)**02 84 33 00-0001 Removal And Disposal Of Polychlorinate Biphenyls Oil Filled Transformers (02 84 33)**

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

 02 84 33 00-0002 EA Removal And Disposal Of Transformers 2.5/3.5 KVA, Non PCB1,639.48
 Note: Includes disposal costs.

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

02 84 33 00-0003	EA		Removal And Disposal Of Transformers 20 KVA, Non PCB..... Note: Includes disposal costs.	2,544.53	
02 84 33 00-0004	EA		Removal And Disposal Of Switch, Non PCB.....	778.00	
02 84 33 00-0005	EA		Removal And Disposal Of Transformers 2.5/3.5 KVA, PCB..... Note: Includes disposal costs.	2,984.17	
02 84 33 00-0006	EA		Removal And Disposal Of Switch, PCB.....	1,657.50	
02 84 33 00-0007	EA		Removal And Disposal Of Transformers 20 KVA, PCB..... Note: Includes disposal costs.	4,656.70	

02 85 Mold Remediation (02 80)

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which task applies. See CSI section 01 74 19 00-0038 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0002 for solid isolation barriers, 02 89 00 00-0016 for plastic sheeting for containment construction, 02 89 00 00-0023 for decontamination chambers.

02 85 33 Removal and Disposal of Materials with Mold (02 85)

02 85 33 00-0001			Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal <small>(02 85 33)</small> Note: Treat fittings as additional lf of insulation.		
02 85 33 00-0002			Pipe Insulation, Mold Abatement And Disposal <small>(02 85 33 00-0001)</small> Note: Diameter is outer size of insulation.		
02 85 33 00-0003			Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal <small>(02 85 33 00-0002)</small> Note: Excludes encased fittings.		
02 85 33 00-0004	LF		Up To 25 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	26.71	
02 85 33 00-0005	LF		>25 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	19.93	
02 85 33 00-0006	LF		>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	14.95	
02 85 33 00-0007	LF		>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	11.21	
02 85 33 00-0008	LF		>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	8.41	
02 85 33 00-0009	LF		>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	7.31	
02 85 33 00-0010			>6" Diameter Pipe Insulation, Mold Abatement And Disposal <small>(02 85 33 00-0002)</small>		
02 85 33 00-0011	LF		Up To 25 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	30.71	
02 85 33 00-0012	LF		>25 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	22.92	
02 85 33 00-0013	LF		>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	17.19	
02 85 33 00-0014	LF		>500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	12.89	
02 85 33 00-0015	LF		>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	9.67	
02 85 33 00-0016	LF		>10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal.....	8.41	
02 85 33 00-0017			Thermal Insulation, Mold Abatement And Disposal <small>(02 85 33)</small>		
02 85 33 00-0018			Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal <small>(02 85 33 00-0017)</small>		
02 85 33 00-0019	SF		Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	16.10	
02 85 33 00-0020	SF		>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	11.45	
02 85 33 00-0021	SF		>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	8.59	
02 85 33 00-0022	SF		>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal.....	6.44	
02 85 33 00-0023	SF		>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal.....	4.93	
02 85 33 00-0024			Surfacing Material, Mold Abatement And Disposal <small>(02 85 33)</small> Note: e.g. fireproofing, acoustical plaster, etc.		
02 85 33 00-0025			Stucco, Mold Abatement And Disposal <small>(02 85 33 00-0024)</small> Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 85 33 00-0026	SF		Up To 100 SF, Stucco, Mold Abatement And Disposal.....	16.10	
02 85 33 00-0027	SF		>100 To 500 SF, Stucco, Mold Abatement And Disposal.....	11.45	
02 85 33 00-0028	SF		>500 To 2,500 SF, Stucco, Mold Abatement And Disposal.....	8.59	
02 85 33 00-0029	SF		>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal.....	6.44	
02 85 33 00-0030	SF		>10,000 SF, Stucco, Mold Abatement And Disposal.....	4.85	
02 85 33 00-0031			Acoustical Plaster, Mold Abatement And Disposal <small>(02 85 33 00-0024)</small> Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 85 33 00-0032	SF		Up To 100 SF, Acoustical Plaster, Mold Abatement And Disposal.....	16.10	
02 85 33 00-0033	SF		>100 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	11.45	
02 85 33 00-0034	SF		>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal.....	8.59	
02 85 33 00-0035	SF		>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	6.44	
02 85 33 00-0036	SF		>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....	4.85	
02 85 33 00-0037			Gypsum Board, Mold Abatement And Disposal <small>(02 85 33 00-0024)</small>		
02 85 33 00-0038	SF		Up To 100 SF, Gypsum Board, Mold Abatement And Disposal.....	5.16	
02 85 33 00-0039	SF		>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal.....	3.71	
02 85 33 00-0040	SF		>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal.....	2.90	
02 85 33 00-0041	SF		>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	2.25	
02 85 33 00-0042	SF		>10,000 SF, Gypsum Board, Mold Abatement And Disposal.....	1.61	
02 85 33 00-0043			Fireproofing, Mold Abatement And Disposal <small>(02 85 33 00-0024)</small> Note: Exposed surface area, includes associated overspray.		

02 Existing Conditions**02 80 Facility Remediation****02 85 Mold Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 85 33 00-0044	SF	Up To 100 SF, Fireproofing, Mold Abatement And Disposal	16.10
02 85 33 00-0045	SF	>100 To 500 SF, Fireproofing, Mold Abatement And Disposal	15.78
02 85 33 00-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	11.86
02 85 33 00-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	8.89
02 85 33 00-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	6.67
02 85 33 00-0049		Flooring, Mold Abatement And Disposal (02 85 33)	
		Note: Includes cove base.	
02 85 33 00-0050		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 85 33 00-0049)	
02 85 33 00-0051		Floor Tile Or Linoleum, Mold Abatement And Disposal (02 85 33 00-0050)	
		Note: Single layer or first of multiple layers.	
02 85 33 00-0052	SF	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....	5.85
		For Each Additional Layer, Add	1.46
02 85 33 00-0053	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.68
		For Each Additional Layer, Add	0.92
02 85 33 00-0054	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.98
		For Each Additional Layer, Add	0.50
02 85 33 00-0055	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.07
		For Each Additional Layer, Add	0.27
02 85 33 00-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	0.79
		For Each Additional Layer, Add	0.20
02 85 33 00-0057		Carpet, Mold Abatement And Disposal (02 85 33 00-0049)	
02 85 33 00-0058		Carpet, Glue Down, Mold Abatement And Disposal (02 85 33 00-0057)	
02 85 33 00-0059	SF	Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	4.69
02 85 33 00-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.03
02 85 33 00-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.84
02 85 33 00-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.17
02 85 33 00-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	0.86
02 85 33 00-0064		Carpet, Padded With Tack Strips, Mold Abatement And Disposal (02 85 33 00-0057)	
02 85 33 00-0065	SF	Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal	5.16
		Note: Includes tack strips.	
02 85 33 00-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	3.43
		Note: Includes tack strips.	
02 85 33 00-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	2.46
		Note: Includes tack strips.	
02 85 33 00-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal	1.91
		Note: Includes tack strips.	
02 85 33 00-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal	1.44
		Note: Includes tack strips.	
02 85 33 00-0070		Subflooring, Mold Abatement And Disposal (02 85 33 00-0049)	
02 85 33 00-0071	SF	Up To 100 SF, Subflooring, Mold Abatement And Disposal	6.82
02 85 33 00-0072	SF	>100 To 500 SF, Subflooring, Mold Abatement And Disposal	4.27
02 85 33 00-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	2.67
02 85 33 00-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	1.54
02 85 33 00-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	0.92
02 85 33 00-0076		Siding, Mold Abatement And Disposal (02 85 33)	
02 85 33 00-0077		Interior Paneling, Mold Abatement And Disposal (02 85 33 00-0076)	
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0078	SF	Up To 100 SF, Interior Paneling, Mold Abatement And Disposal	5.16
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal	3.67
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0080	SF	>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal	2.53
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0081	SF	>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal	1.40
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal	1.03
		Note: Includes detachment of mounted objects before removal.	
02 85 33 00-0083		Exterior Siding, Mold Abatement And Disposal (02 85 33 00-0076)	
02 85 33 00-0084	SF	Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	7.16
02 85 33 00-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	4.60
02 85 33 00-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	3.14
02 85 33 00-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	2.06
02 85 33 00-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	1.84
02 85 33 00-0089		Contaminated Debris, Mold Abatement And Disposal (02 85 33)	
02 85 33 00-0090		Contaminated Debris, Mold Abatement And Disposal (02 85 33 00-0089)	
02 85 33 00-0091	CF	Up To 10 CF, Contaminated Debris, Mold Abatement And Disposal	29.71

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

02 85 33 00-0092	CF		>10 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	17.83	
02 85 33 00-0093	CF		>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	11.88	
02 85 33 00-0094	CF		>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	8.91	
02 85 33 00-0095	CF		>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	7.13	
02 85 33 00-0096	CF		>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.89	
02 85 33 00-0097	CF		>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	3.50	

02 85 33 00-0098 Other Mold Containing Materials, Mold Abatement And Disposal (02 85 33)

02 85 33 00-0099 Wood Studs, Mold Abatement And Disposal (02 85 33 00-0098)

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

02 85 33 00-0100	LF		Up To 100 LF, Wood Studs, Mold Abatement And Disposal	2.88	
02 85 33 00-0101	LF		>100 To 500 LF, Wood Studs, Mold Abatement And Disposal	2.08	
02 85 33 00-0102	LF		>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	1.52	
02 85 33 00-0103	LF		>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	1.17	
02 85 33 00-0104	LF		>10,000 LF, Wood Studs, Mold Abatement And Disposal	0.87	

02 85 33 00-0105 Ceiling Tile, Mold Abatement And Disposal (02 85 33 00-0098)

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

02 85 33 00-0106	SF		Up To 200 SF, Ceiling Tile, Mold Abatement And Disposal	8.59	
02 85 33 00-0107	SF		>200 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	6.44	
02 85 33 00-0108	SF		>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	2.94	
02 85 33 00-0109	SF		>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.06	
02 85 33 00-0110	SF		>10,000 SF, Ceiling Tile, Mold Abatement And Disposal	1.84	

02 85 33 00-0111 Caulking, Mold Abatement And Disposal (02 85 33 00-0098)

02 85 33 00-0112	LF		Up To 10 LF, Caulking, Mold Abatement And Disposal	3.03	
02 85 33 00-0113	LF		>10 To 50 LF, Caulking, Mold Abatement And Disposal	2.57	
02 85 33 00-0114	LF		>50 To 100 LF, Caulking, Mold Abatement And Disposal	1.84	
02 85 33 00-0115	LF		>100 To 250 LF, Caulking, Mold Abatement And Disposal	1.39	
02 85 33 00-0116	LF		>250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.03	
02 85 33 00-0117	LF		>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	0.84	
02 85 33 00-0118	LF		>2,500 LF, Caulking, Mold Abatement And Disposal	0.72	

02 85 33 00-0119 Wipe Down Walls, Ceilings And Floors (02 85 33 00-0098)

02 85 33 00-0120	CSF		Wipe Down Floors With Mild Bleach Solution	14.31	
02 85 33 00-0121	CSF		Wipe Down Walls With Mild Bleach Solution	16.84	
02 85 33 00-0122	CSF		Wipe Down Ceilings With Mild Bleach Solution	19.16	
02 85 33 00-0123	CSF		Wipe Down Countertops With Mild Bleach Solution	15.62	
02 85 33 00-0124	CSF		Wipe Down Other Surfaces With Mild Bleach Solution	19.82	

02 85 33 00-0125 Cabinets (02 85 33 00-0098)

02 85 33 00-0126	LF		Up To 20 LF, Base Cabinet, Mold Abatement And Disposal	52.87	
02 85 33 00-0127	LF		>20 LF, Base Cabinet, Mold Abatement And Disposal	37.32	
02 85 33 00-0128	LF		Up To 20 LF, Wall Cabinet, Mold Abatement And Disposal	46.66	
02 85 33 00-0129	LF		>20 LF, Wall Cabinet, Mold Abatement And Disposal	31.11	

02 86 Hazardous Waste Drum Handling (02 80)

02 86 00 00-0001 Hazardous Waste Packaging (02 86)

02 86 00 00-0002 Overpacks (02 86 00 00-0001)

02 86 00 00-0003 Steel Salvage Drums, 16 Gauge (02 86 00 00-0002)

02 86 00 00-0004	EA		110 Gallon, 30" Diameter X 41" High	192.76	
02 86 00 00-0005	EA		85 Gallon, 26" Diameter X 38" High	109.73	
02 86 00 00-0006	EA		83 Gallon, 26" Diameter X 36" High	105.90	
02 86 00 00-0007	EA		55 Gallon, DOT 17C, 18" Diameter X 34" High	66.26	
02 86 00 00-0008	EA		30 Gallon, DOT 17C, 18" Diameter X 28" High	52.19	
02 86 00 00-0009	EA		22 Gallon, 16" Diameter X 25" High	35.17	
02 86 00 00-0010	EA		15 Gallon, DOT 17C, 14" Diameter X 24" High	31.79	
02 86 00 00-0011	EA		10 Gallon, 13.8" Diameter X 15" High	28.02	

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

02 86 00 00-0013	EA		95 Gallon, DOT E9618, Twist On Lid 31" Diameter X 41" High	217.74	
02 86 00 00-0014	EA		20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	40.24	
02 86 00 00-0015	EA		85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	197.02	

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

02 86 00 00-0017	EA		55 Gal, DOT 17C, Steel Drum Nested With 2-20 Gallon Fiber Drums	106.92	
02 86 00 00-0018	EA		55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	146.72	
02 86 00 00-0019	EA		85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	199.01	

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

02 86 00 00-0021	EA		32 Oz Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	9.78	
02 86 00 00-0022	EA		950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	10.32	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	10.09
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168.....	5.00
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	5.73
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	3.93
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	5.11

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

02 86 00 00-0030	EA	UN 1A2/X 320/S 55 Gallon, Open, 16 Gauge, Steel Drum	65.74
02 86 00 00-0031	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	62.13
02 86 00 00-0032	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	50.38
02 86 00 00-0033	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	39.70
02 86 00 00-0034	EA	UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum	46.02
02 86 00 00-0035	EA	UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum	39.12
02 86 00 00-0036	EA	30 Gallon, 17E, Open	28.38
02 86 00 00-0037	EA	20 Gallon, 17C, Open	39.89
02 86 00 00-0038	EA	20 Gallon, 17E, Open	26.85
02 86 00 00-0039	EA	8 Gallon, 17C, Open	35.90
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,069.28
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,049.26
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+).....	945.14
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	1,009.21
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	985.18
02 86 00 00-0045	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	967.16
02 86 00 00-0046	EA	55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	871.05
02 86 00 00-0047	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9)	762.92
02 86 00 00-0048	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	744.90
02 86 00 00-0049	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	730.88
02 86 00 00-0050	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	658.79
02 86 00 00-0051	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9)	620.75
02 86 00 00-0052	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24)	596.72
02 86 00 00-0053	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49)	570.69
02 86 00 00-0054	EA	30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	550.66
02 86 00 00-0055	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9)	1,043.25
02 86 00 00-0056	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24)	1,023.23
02 86 00 00-0057	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	923.11
02 86 00 00-0058	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	875.05
02 86 00 00-0059	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	967.16
02 86 00 00-0060	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	949.14
02 86 00 00-0061	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49)	855.03
02 86 00 00-0062	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....	810.97
02 86 00 00-0063	EA	55 Gallon Reconditioned Steel 17h Drum (1-9)	51.51
02 86 00 00-0064	EA	55 Gallon Reconditioned Steel 17h Drum (10-24)	45.65
02 86 00 00-0065	EA	55 Gallon Reconditioned Steel 17h Drum (25-49)	39.80
02 86 00 00-0066	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	35.12

02 86 00 00-0067 Plastic Drums (02 86 00 00-0001)**02 86 00 00-0068 Polyethylene Closed Head Drums** (02 86 00 00-0067)

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

02 86 00 00-0069	EA	55 Gallon Polyethylene Closed Head Drums	41.27
02 86 00 00-0070	EA	35 Gallon Polyethylene Closed Head Drums	31.68
02 86 00 00-0071	EA	30 Gallon Polyethylene Closed Head Drums	28.77
02 86 00 00-0072	EA	20 Gallon Polyethylene Closed Head Drums	20.10
02 86 00 00-0073	EA	15 Gallon Polyethylene Closed Head Drums	19.71

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

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

02 86 00 00-0075	EA	55 Gallon Polyethylene Open Head Drums	52.16
02 86 00 00-0076	EA	35 Gallon Polyethylene Open Head Drums	38.35
02 86 00 00-0077	EA	30 Gallon Polyethylene Open Head Drums	36.44
02 86 00 00-0078	EA	20 Gallon Polyethylene Open Head Drums	26.85
02 86 00 00-0079	EA	15 Gallon Polyethylene Open Head Drums	23.01

02 86 00 00-0080 Fiber Drums (02 86 00 00-0001)**02 86 00 00-0081 Steel Top/Fiber Bottom Drums, Hazardous** (02 86 00 00-0080)

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

02 86 00 00-0082	EA	30 Gallon Fiber Drum DOT-21C (1-9)	31.60
02 86 00 00-0083	EA	30 Gallon Fiber Drum DOT-21C (10-24)	29.61
02 86 00 00-0084	EA	30 Gallon Fiber Drum DOT-21C (25-49)	27.00
02 86 00 00-0085	EA	30 Gallon Fiber Drum DOT-21C (50+)	26.69
02 86 00 00-0086	EA	55 Gallon Fiber Drum DOT-21C (1-9)	32.52
02 86 00 00-0087	EA	55 Gallon Fiber Drum DOT-21C (10-24)	30.68
02 86 00 00-0088	EA	55 Gallon Fiber Drum DOT-21C (25-49)	28.38
02 86 00 00-0089	EA	55 Gallon Fiber Drum DOT-21C (50-99)	27.46
02 86 00 00-0090	EA	55 Gallon Fiber Drum DOT-21C (100+)	23.78
02 86 00 00-0091	EA	10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	20.25
02 86 00 00-0092	EA	20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	22.09
02 86 00 00-0093	EA	20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined	25.77

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

02 86 00 00-0094			Loading Hazardous Waste For Shipment (02 86 00 00-0001)		
02 86 00 00-0095	EA		Load Drums On Disposal Truck.....	7.76	
02 86 00 00-0096	EA		Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck.....	855.45	

02 86 00 00-0097			Transport Drums To Landfill (02 86 00 00-0001)		
			Note: Includes transportation for up to 25 miles.		
02 86 00 00-0098	EA		Transport Drum To Landfill.....	49.47	
			Note: Includes transportation for up to 25 miles.		

02 87 Bio-Hazard Material Remediation (02 80)

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

02 87 00 00-0001			Bird Waste Removal (02 87)		
			Note: In addition to items listed the Bio-Hazard Material Remediation note above, tasks include wetting agents and disinfection of contaminated surfaces.		
02 87 00 00-0002	EA		Up To 10 SF Bird Waste Removal, Up To 3" Thickness.....	515.37	
			<i>For Work In Restricted Working Space, Add</i>	154.61	
02 87 00 00-0003	SF		>10 To 500 SF Bird Waste Removal, Up To 3" Thickness.....	8.59	
			<i>For Work In Restricted Working Space, Add</i>	2.58	
02 87 00 00-0004	SF		>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness.....	7.81	
			<i>For Work In Restricted Working Space, Add</i>	2.34	
02 87 00 00-0005	SF		>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness.....	7.10	
			<i>For Work In Restricted Working Space, Add</i>	2.13	
02 87 00 00-0006	SF		>10,000 SF Bird Waste Removal, Up To 3" Thickness.....	6.45	
			<i>For Work In Restricted Working Space, Add</i>	1.94	

02 89 Hazmat Ancillary Tasks And Support (02 80)

02 89 00 00-0001			Barriers And Protection (02 89)		
			Note: Includes removal and disposal after use.		
02 89 00 00-0002			Isolation Barriers/Infectious Control (02 89 00 00-0001)		
			Note: Use framing task with applicable barrier task. See CSI section 01 56 16 00-0018 for temporary stud walls.		
02 89 00 00-0003	SF		Framing for Isolation Barrier, Metal Construction.....	2.20	
02 89 00 00-0004	SF		1/2" Plywood For Solid Isolation Barrier.....	2.64	
02 89 00 00-0005	SF		6 Mil Plastic Sheeting For Separation Barrier.....	0.30	
02 89 00 00-0006	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, For Separation Barrier.....	0.56	
02 89 00 00-0007	EA		7" Zipper Door For Plastic Sheeting.....	15.18	
02 89 00 00-0008	SF		1/2" Drywall For Solid Isolation Barrier.....	1.26	
02 89 00 00-0009	SF		5/8" Drywall For Solid Isolation Barrier.....	1.40	
02 89 00 00-0010	SF		Relocate Isolation Barrier.....	1.46	

02 89 00 00-0011			Cleaning Surfaces (02 89 00 00-0001)		
			Note: Other surfaces within contamination area but not contaminated by, or part of removal.		
02 89 00 00-0012	SF		Up To 100 SF, Clean Asbestos Surface.....	1.25	
02 89 00 00-0013	SF		>100 To 500 SF, Clean Asbestos Surface.....	0.88	
02 89 00 00-0014	SF		>500 To 1,000 SF, Clean Asbestos Surface.....	0.57	
02 89 00 00-0015	SF		>1,000 SF, Clean Asbestos Surface.....	0.44	

02 89 00 00-0016			Hazmat Containment Construction (02 89 00 00-0001)		
02 89 00 00-0017	SF		6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction.....	0.30	
02 89 00 00-0018	SF		6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction.....	0.40	
02 89 00 00-0019	SF		6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction.....	0.54	
02 89 00 00-0020	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Floors, Hazmat Containment Construction.....	0.44	
02 89 00 00-0021	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Walls, Hazmat Containment Construction.....	0.56	
02 89 00 00-0022	SF		6 Mil Plastic Anti Static And Fire And Flame Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction.....	0.74	

02 89 00 00-0023			Decontamination Chambers (02 89)		
			Note: Includes removal after use.		
02 89 00 00-0024	EA		Portable Personnel Decontamination Wash Facility (3 Stage).....	565.72	
			Note: Includes connection to negative air system.		
			<i>For Dismantling And Relocation To A Different Area, Add</i>	342.71	
02 89 00 00-0025	EA		Portable Waste Decontamination Unit.....	357.01	
			Note: Includes connection to negative air system.		
			<i>For Dismantling And Relocation To A Different Area, Add</i>	245.51	

02 90 Disaster Recovery (02)

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

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
02 90 50 Cleaning And Emergency Clean-up (02 90)**02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal (02 90 50)**

Note: For materials that do not require mold abatement.

02 90 50 00-0002	SY	Wet Broadloom Carpet Removal	6.99
02 90 50 00-0003	SY	Wet Carpet Tile Removal	1.70
02 90 50 00-0004	SF	Wet Batt Insulation Removal	0.14
02 90 50 00-0005	SF	Wet Ceiling Tile Removal	0.17
02 90 50 00-0006	SF	Single Layer, Wet Gypsum Board Removal	0.17
02 90 50 00-0007	SF	Double Layer, Wet Gypsum Board Removal	0.26

02 90 50 00-0008 Cleaning (02 90 50)

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required

02 90 50 00-0009 Clean Furnishings (02 90 50 00-0008)

02 90 50 00-0010	EA	Office Equipment, Exterior Wipe	25.18
		For Medium Clean, Add	10.58
		For Heavy Clean, Add	32.73
02 90 50 00-0011	SF	Bookcase (Per SF Of Face Area), Light Clean	1.40
		For Medium Clean, Add	0.59
		For Heavy Clean, Add	1.82
02 90 50 00-0012	LF	Shelving, Light Clean	2.52
		For Medium Clean, Add	1.06
		For Heavy Clean, Add	3.28
02 90 50 00-0013	EA	Plastic Or Metal Chair, Light Clean	7.27
		For Medium Clean, Add	3.05
		For Heavy Clean, Add	9.45
02 90 50 00-0014	EA	Upholstered Chair, Light Clean	23.51
		For Medium Clean, Add	9.87
		For Heavy Clean, Add	30.56
02 90 50 00-0015	EA	Upholstered Sofa, Light Clean	144.98
		For Medium Clean, Add	60.89
		For Heavy Clean, Add	188.47
02 90 50 00-0016	EA	Desk, Light Clean	29.66
		For Medium Clean, Add	12.46
		For Heavy Clean, Add	38.56
02 90 50 00-0017	EA	Table, Light Clean	27.99
		For Medium Clean, Add	11.76
		For Heavy Clean, Add	36.39
02 90 50 00-0018	EA	Two Drawer File Cabinet, Light Clean	6.14
		For Medium Clean, Add	2.58
		For Heavy Clean, Add	7.98
02 90 50 00-0019	EA	Four Drawer File Cabinet, Light Clean	7.85
		For Medium Clean, Add	3.30
		For Heavy Clean, Add	10.21
02 90 50 00-0020	LF	Base Cabinet, Exterior Wipe, Light Clean	6.44
		For Medium Clean, Add	2.70
		For Heavy Clean, Add	8.37
02 90 50 00-0021	LF	Base Cabinet, Exterior And Interior Wipe, Light Clean	12.59
		For Medium Clean, Add	5.29
		For Heavy Clean, Add	16.37
02 90 50 00-0022	LF	Wall Cabinet, Exterior Wipe, Light Clean	6.44
		For Medium Clean, Add	2.70
		For Heavy Clean, Add	8.37
02 90 50 00-0023	LF	Wall Cabinet, Exterior And Interior Wipe, Light Clean	11.20
		For Medium Clean, Add	4.70
		For Heavy Clean, Add	14.56
02 90 50 00-0024	EA	Picture Frame, Glass And Back, Light Clean	2.69
		For Medium Clean, Add	1.13
		For Heavy Clean, Add	3.50

02 90 50 00-0025 Clean Hard Surfaces (02 90 50 00-0008)

02 90 50 00-0026	LF	Wood, Vinyl Or Rubber Baseboard, Light Clean	0.37
		For Medium Clean, Add	0.16
		For Heavy Clean, Add	0.48
02 90 50 00-0027	EA	Door And Hardware (Per Side), Light Clean	4.76
		For Medium Clean, Add	2.00
		For Heavy Clean, Add	6.19
02 90 50 00-0028	EA	Detailed Door And Hardware (Per Side), Light Clean	5.40
		For Medium Clean, Add	2.27
		For Heavy Clean, Add	7.02
02 90 50 00-0029	SF	Overhead Door, Light Clean	0.38
		For Medium Clean, Add	0.16
		For Heavy Clean, Add	0.49
02 90 50 00-0030	SF	Mirror, Light Clean	0.28
		For Medium Clean, Add	0.12
		For Heavy Clean, Add	0.36
02 90 50 00-0031	SF	Window, Light Clean	0.83
		For Medium Clean, Add	0.35
		For Heavy Clean, Add	1.08
02 90 50 00-0032	LF	Handrail, Light Clean	0.73
		For Medium Clean, Add	0.31
		For Heavy Clean, Add	0.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0033 LF Bumper Rail, Light Clean.....	0.39	
For Medium Clean, Add	0.16	
For Heavy Clean, Add	0.51	
02 90 50 00-0034 SF Hard Floor, Light Clean.....	0.32	
For Medium Clean, Add	0.13	
For Heavy Clean, Add	0.42	
02 90 50 00-0035 SF Carpet, Light Clean.....	0.34	
For Medium Clean, Add	0.14	
For Heavy Clean, Add	0.44	
02 90 50 00-0036 SF Hard Ceiling, Light Clean.....	0.26	
For Medium Clean, Add	0.11	
For Heavy Clean, Add	0.34	
02 90 50 00-0037 SF Suspended Ceiling, Tile And Grid, Light Clean.....	0.28	
For Medium Clean, Add	0.12	
For Heavy Clean, Add	0.36	
02 90 50 00-0038 SF Ceramic Tile Wall, Light Clean.....	0.23	
For Medium Clean, Add	0.10	
For Heavy Clean, Add	0.30	
02 90 50 00-0039 SF Wall, Light Clean.....	0.17	
For Medium Clean, Add	0.07	
For Heavy Clean, Add	0.22	
02 90 50 00-0040 SF Masonry Wall, Light Clean.....	0.23	
For Medium Clean, Add	0.10	
For Heavy Clean, Add	0.30	
02 90 50 00-0041 EA Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean.....	59.03	
Note: Includes removal from site, cleaning, and return.		
For Medium Clean, Add	24.79	
For Heavy Clean, Add	76.74	
02 90 50 00-0042 EA >24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean.....	73.78	
Note: Includes removal from site, cleaning, and return.		
For Medium Clean, Add	30.99	
For Heavy Clean, Add	95.91	
02 90 50 00-0043 EA >96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean.....	88.55	
Note: Includes removal from site, cleaning, and return.		
For Medium Clean, Add	37.19	
For Heavy Clean, Add	115.12	
02 90 50 00-0044 EA >140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean.....	103.31	
For Medium Clean, Add	43.39	
For Heavy Clean, Add	134.30	
02 90 50 00-0045 Clean Window Treatments (02 90 50 00-0008)		
02 90 50 00-0046 SF Window Blind, Light Clean.....	0.64	
For Medium Clean, Add	0.27	
For Heavy Clean, Add	0.83	
02 90 50 00-0047 EA Up To 6' Long Drapery (Per Pleat), Light Clean.....	1.31	
For Medium Clean, Add	0.55	
For Heavy Clean, Add	1.70	
02 90 50 00-0048 EA Up To 6' Long Lined Drapery (Per Pleat), Light Clean.....	1.50	
For Medium Clean, Add	0.63	
For Heavy Clean, Add	1.95	
02 90 50 00-0049 EA >6' To 8' Drapery (Per Pleat), Light Clean.....	1.38	
For Medium Clean, Add	0.58	
For Heavy Clean, Add	1.79	
02 90 50 00-0050 EA >6' To 8' Lined Drapery (Per Pleat), Light Clean.....	1.59	
For Medium Clean, Add	0.67	
For Heavy Clean, Add	2.07	
02 90 50 00-0051 EA >8' To 10' Drapery (Per Pleat), Light Clean.....	1.68	
For Medium Clean, Add	0.71	
For Heavy Clean, Add	2.18	
02 90 50 00-0052 EA >8' To 10' Lined Drapery (Per Pleat), Light Clean.....	1.94	
For Medium Clean, Add	0.81	
For Heavy Clean, Add	2.52	
02 90 50 00-0053 Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054 EA Microwave Oven, Outside, Light Clean.....	11.60	
For Medium Clean, Add	4.87	
For Heavy Clean, Add	15.08	
02 90 50 00-0055 EA Refrigerator, Outside, Light Clean.....	27.33	
For Medium Clean, Add	11.48	
For Heavy Clean, Add	35.53	
02 90 50 00-0056 EA Range, Outside, Light Clean.....	23.62	
For Medium Clean, Add	9.92	
For Heavy Clean, Add	30.71	
02 90 50 00-0057 Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058 EA Water Heater, Light Clean.....	16.79	
For Medium Clean, Add	7.05	
For Heavy Clean, Add	21.83	
02 90 50 00-0059 EA Plumbing Fixture, Light Clean.....	16.96	
For Medium Clean, Add	7.12	
For Heavy Clean, Add	22.05	
02 90 50 00-0060 EA Restroom Accessory, Light Clean.....	7.78	
For Medium Clean, Add	3.27	
For Heavy Clean, Add	10.11	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0061 Clean HVAC (02 90 50 00-0008)			
02 90 50 00-0062	LF Baseboard Heater, Light Clean.....	5.01	
	For Medium Clean, Add	2.10	
	For Heavy Clean, Add	6.51	
02 90 50 00-0063	LF Ductwork, Exterior Wipe, Light Clean	13.99	
	For Medium Clean, Add	5.88	
	For Heavy Clean, Add	18.19	
02 90 50 00-0064	EA Ductwork, Interior (Per Grille/Register), Light Clean	53.74	
	For Medium Clean, Add	22.57	
	For Heavy Clean, Add	69.86	
02 90 50 00-0065	EA Grille/Register, Light Clean.....	5.03	
	For Medium Clean, Add	2.11	
	For Heavy Clean, Add	6.54	
02 90 50 00-0066	EA Air Handling Unit, Exterior Wipe, Light Clean	34.90	
	For Medium Clean, Add	14.66	
	For Heavy Clean, Add	45.37	
02 90 50 00-0067	EA Furnace, Exterior Wipe, Light Clean	31.07	
	For Medium Clean, Add	13.05	
	For Heavy Clean, Add	40.39	
02 90 50 00-0068 Clean Electrical (02 90 50 00-0008)			
02 90 50 00-0069	EA Electric Fan, Light Clean.....	20.71	
	For Medium Clean, Add	8.70	
	For Heavy Clean, Add	26.92	
02 90 50 00-0070	EA Ceiling Fan, Light Clean.....	22.39	
	For Medium Clean, Add	9.40	
	For Heavy Clean, Add	29.11	
02 90 50 00-0071	EA Ceiling Fan And Light, Light Clean.....	29.11	
	For Medium Clean, Add	12.23	
	For Heavy Clean, Add	37.84	
02 90 50 00-0072	EA Ceiling Exhaust Fan, Light Clean.....	20.43	
	For Medium Clean, Add	8.58	
	For Heavy Clean, Add	26.56	
02 90 50 00-0073	EA 2' x 4' Light Fixture, Light Clean.....	13.43	
	For Medium Clean, Add	5.64	
	For Heavy Clean, Add	17.46	
02 90 50 00-0074	EA Light Fixture, Light Clean.....	6.16	
	For Medium Clean, Add	2.59	
	For Heavy Clean, Add	8.01	
02 90 50 00-0075	EA Smoke Detector, Light Clean.....	4.76	
	For Medium Clean, Add	2.00	
	For Heavy Clean, Add	6.19	
02 90 50 00-0076	EA Thermostat, Light Clean.....	1.68	
	For Medium Clean, Add	0.71	
	For Heavy Clean, Add	2.18	
02 90 50 00-0077 Thermal Fog (02 90 50 00-0008)			
02 90 50 00-0078	CF Clean And Deodorize Building With Thermal Fog.....	0.02	
02 90 50 00-0079 Contents Manipulation (02 90 50)			
02 90 50 00-0080	SF Cover Contents With Plastic	0.19	
02 90 50 00-0081	SF Floor Protection - Adhesive Film.....	0.23	
02 90 50 00-0082	SF Move Contents Out And Later Reset	0.45	
02 90 50 00-0083	MO 20' Long Job Site Storage Trailer.....	108.98	
02 90 50 00-0084	MO 40' Long Job Site Storage Trailer.....	144.53	
02 90 50 00-0085	EA Delivery Or Pickup Job Site Storage Trailer.....	130.20	
02 90 50 00-0086 Water Emergency Clean-up (02 90 50)			
02 90 50 00-0087	LF Detach Baseboard	0.59	
02 90 50 00-0088	LF Detach And Later Reset Baseboard	1.05	
02 90 50 00-0089	EA Block And Pad Furniture (Per Piece Of Furniture).....	3.90	
02 90 50 00-0090	SF Water Extraction From Floor.....	0.40	
02 90 50 00-0091	SF Gray Water Extraction From Floor	0.65	
02 90 50 00-0092	SF Black Water Extraction From Floor	1.03	
02 90 50 00-0093	SF Tear Out Wet Non Salvageable Carpet	0.33	
02 90 50 00-0094	SF Tear Out Wet Non Salvageable Carpet, Black Water	0.39	
02 90 50 00-0095	SF Tear Out Wet Non Salvageable Glue Down Carpet.....	0.57	
02 90 50 00-0096	SF Tear Out Wet Non Salvageable Glue Down Carpet, Black Water.....	0.85	
02 90 50 00-0097	SF Tear Out Vinyl Flooring.....	0.80	
02 90 50 00-0098	SF Tear Out Vinyl Flooring, Black Water.....	1.17	
02 90 50 00-0099	SF Tear Out Wood Flooring, Black Water	3.03	
02 90 50 00-0100	SF Tear Out Laminated Wood Flooring.....	1.49	
02 90 50 00-0101	SF Tear Out Laminated Wood Flooring, Black Water.....	2.18	
02 90 50 00-0102	SF Tear Out Wet Ceiling Tile.....	0.25	
02 90 50 00-0103	SF Tear Out Batt Insulation	0.25	
02 90 50 00-0104	SF Tear Out Wet Gypsum Board.....	0.32	
02 90 50 00-0105	SF Apply Antimicrobial Agent.....	0.19	
02 90 50 00-0106	SF HEPA Vacuuming.....	0.32	
02 90 50 00-0107 Emergency Clean-up Labor (02 90 50)			
Note: Used in the performance of time and material projects. Not to be used in conjunction with tasks in the			

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

Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.					
02 90 50 00-0108	HR		Cleaning And Emergency Clean Up - General Laborer (Unskilled)	23.62	
02 90 50 00-0109	HR		Cleaning And Emergency Clean Up - General Laborer (Skilled)	31.50	
02 90 50 00-0110	HR		Cleaning And Emergency Clean Up - Skilled Tradesman	57.75	
02 90 50 00-0111	HR		Cleaning And Emergency Clean Up - Restoration Laborer	36.75	
02 90 50 00-0112	HR		Cleaning And Emergency Clean Up - Restoration Technician.....	47.25	
02 90 50 00-0113	HR		Cleaning And Emergency Clean Up - Restoration Supervisor.....	68.25	
02 90 50 00-0114	HR		Cleaning And Emergency Clean Up - Restoration Project Manager.....	94.50	
02 90 50 00-0115	HR		Cleaning And Emergency Clean Up - Assistant Project Manager	78.75	
02 90 50 00-0116	HR		Cleaning And Emergency Clean Up - Project Manager.....	99.75	
02 90 50 00-0117	HR		Cleaning And Emergency Clean Up - Project Director	152.25	
02 90 50 00-0118	HR		Cleaning And Emergency Clean Up - Resource Coordinator	47.25	
02 90 50 00-0119	HR		Cleaning And Emergency Clean Up - Project Accountant.....	78.75	
02 90 50 00-0120	HR		Cleaning And Emergency Clean Up - Corrosion Technician	68.25	
02 90 50 00-0121	HR		Cleaning And Emergency Clean Up - Sr. Corrosion Technician	78.75	
02 90 50 00-0122	HR		Cleaning And Emergency Clean Up - Certified Mold Technician.....	69.30	
02 90 50 00-0123	HR		Cleaning And Emergency Clean Up - Certified Mold Supervisor.....	78.75	
02 90 50 00-0124	HR		Cleaning And Emergency Clean Up - Clerical.....	36.75	
02 90 50 00-0125	HR		Cleaning And Emergency Clean Up - Biohazard Technician.....	78.75	
02 90 50 00-0126	HR		Cleaning And Emergency Clean Up - Biohazard Supervisor.....	94.50	
02 90 50 00-0127	HR		Cleaning And Emergency Clean Up - Health And Safety Officer.....	73.50	
02 90 50 00-0128	HR		Cleaning And Emergency Clean Up - Resource And Logistics Coordinator.....	52.50	
02 90 50 00-0129	HR		Cleaning And Emergency Clean Up - Restoration Consultant.....	152.25	

02 90 50 00-0130
Emergency Clean-up Equipment (02 90 50)

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

02 90 50 00-0131
General Emergency Clean-up Equipment (02 90 50 00-0130)

02 90 50 00-0132	DAY		Air Compressor.....	52.62	
02 90 50 00-0133	DAY		Buffer - Floor.....	35.08	
02 90 50 00-0134	DAY		Carpet Cleaning Machine - Portable.....	87.70	
02 90 50 00-0135	DAY		Chain Saw	40.93	
02 90 50 00-0136	EA		Cleaning Kit With Mop, Broom And Bucket.....	52.62	
02 90 50 00-0137	DAY		Cut Off Saw	132.67	
02 90 50 00-0138	DAY		Dry Cleaning Unit - Portable	99.39	
02 90 50 00-0139	DAY		Extension Cords - 220 Volt.....	29.23	
02 90 50 00-0140	DAY		Extension Cords - 220 Volt Converter Box	17.54	
02 90 50 00-0141	DAY		Demolition Cart, 7 Yard	52.62	
02 90 50 00-0142	EA		Demolition Kit With Wheel Barrow, Shovel And Broom	87.70	
02 90 50 00-0143	DAY		Dry-Ice Blasting System	409.26	
02 90 50 00-0144	DAY		Fogger - Mist.....	29.23	
02 90 50 00-0145	DAY		Fogger - Electric Thermal	42.09	
02 90 50 00-0146	DAY		Fogger - Gas Power Thermal	105.24	
02 90 50 00-0147	JOB		Gang Box, Demo/Framing (One Time Per Job).....	76.00	
02 90 50 00-0148	DAY		Hand Trucks/Dollies.....	14.03	
02 90 50 00-0149	DAY		Heat Gun - Shrinkwrap	46.77	
02 90 50 00-0150	DAY		HEPA Negative Air Machine	146.16	
Note: Includes all filters.					
02 90 50 00-0151	DAY		Ladder	19.88	
02 90 50 00-0152	DAY		Lights - Demo, Drop, Stand, String	21.05	
02 90 50 00-0153	DAY		Lights - Wobble.....	25.72	
02 90 50 00-0154	DAY		Moisture Meter	29.23	
02 90 50 00-0155	DAY		Nail Gun.....	52.62	
02 90 50 00-0156	DAY		Ozone Generator.....	146.16	
02 90 50 00-0157	DAY		PPE (Personal Protective Equipment) Mold Remediation Related	70.16	
02 90 50 00-0158	DAY		Portable Generator, Up To 7,500 Watts	116.93	
02 90 50 00-0159	DAY		Pressure Washer, Hot	175.40	
02 90 50 00-0160	DAY		Pressure Washer, Cold.....	116.93	
02 90 50 00-0161	DAY		Scaffolding - Per Section	76.00	
02 90 50 00-0162	DAY		Small Tools - Tool Box.....	29.23	
02 90 50 00-0163	DAY		Soda Blasting Equipment	263.09	
02 90 50 00-0164	DAY		Sprayer - Hudson.....	9.35	
02 90 50 00-0165	DAY		Sprayer - Industrial Airless.....	248.75	
02 90 50 00-0166	DAY		Storage Space (Per SF Per Day).....	0.96	
02 90 50 00-0167	DAY		Submersible Pump	29.23	
02 90 50 00-0168	DAY		Trash Pump - 2" Gas Powered	146.16	
02 90 50 00-0169	DAY		Vehicle, Pick-up, SUV, Car.....	87.70	
02 90 50 00-0170	DAY		Vehicle, Van.....	146.16	
02 90 50 00-0171	DAY		Vehicle, 16' Or 24' Box Truck (Inclusive Of Mileage).....	233.86	
02 90 50 00-0172	DAY		Trailer - Refrigerated 40' Storage.....	146.16	
02 90 50 00-0173	DAY		Trailer - Utility (Inclusive Of Mileage)	116.93	
02 90 50 00-0174	DAY		Truck Mount, Per Wand Extraction	228.01	
02 90 50 00-0175	DAY		Vacuum - Backpack.....	29.23	
02 90 50 00-0176	DAY		Vacuum - Shop Vacuum.....	29.23	
02 90 50 00-0177	DAY		Vacuum - Commercial.....	87.70	
02 90 50 00-0178	DAY		Vacuum - HEPA Industrial	99.39	
02 90 50 00-0179	DAY		Vacuum - Upright.....	17.54	
02 90 50 00-0180	DAY		Zip Walls (Per 2 Poles)	29.23	
02 90 50 00-0181	DAY		2 Way Radio	23.39	

02 90 50 00-0182
Technical/Electronics Restoration Equipment (02 90 50 00-0130)

02 90 50 00-0183	DAY		Computer - Diagnostic.....	29.23	
------------------	-----	--	----------------------------	-------	--

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0184	WK	Computer - Diagnostic	80.39
02 90 50 00-0185	MO	Computer - Diagnostic	219.24
02 90 50 00-0186	DAY	Convection Oven - Large	192.93
02 90 50 00-0187	WK	Convection Oven - Large	530.57
02 90 50 00-0188	MO	Convection Oven - Large	1,447.01
02 90 50 00-0189	DAY	Convection Oven - Small	105.24
02 90 50 00-0190	WK	Convection Oven - Small	289.40
02 90 50 00-0191	MO	Convection Oven - Small	789.28
02 90 50 00-0192	DAY	Convection Oven - Vacuum	140.32
02 90 50 00-0193	WK	Convection Oven - Vacuum	385.87
02 90 50 00-0194	MO	Convection Oven - Vacuum	1,052.37
02 90 50 00-0195	DAY	Decontamination Booth	192.93
02 90 50 00-0196	WK	Decontamination Booth	530.57
02 90 50 00-0197	MO	Decontamination Booth	1,447.01
02 90 50 00-0198	DAY	DI Water System	52.62
02 90 50 00-0199	WK	DI Water System	144.70
02 90 50 00-0200	MO	DI Water System	394.64
02 90 50 00-0201	DAY	ESD Bench Workstation	23.39
02 90 50 00-0202	WK	ESD Bench Workstation	64.31
02 90 50 00-0203	MO	ESD Bench Workstation	175.40
02 90 50 00-0204	DAY	Heater/Enclosure Control System	17.54
02 90 50 00-0205	WK	Heater/Enclosure Control System	48.23
02 90 50 00-0206	MO	Heater/Enclosure Control System	131.55
02 90 50 00-0207	DAY	Hi-Tech Mobile Cart/Workstation	292.32
02 90 50 00-0208	WK	Hi-Tech Mobile Cart/Workstation	803.89
02 90 50 00-0209	MO	Hi-Tech Mobile Cart/Workstation	2,192.44
02 90 50 00-0210	DAY	Micro-Blaster/Dust Collector	263.09
02 90 50 00-0211	WK	Micro-Blaster/Dust Collector	723.50
02 90 50 00-0212	MO	Micro-Blaster/Dust Collector	1,973.19
02 90 50 00-0213	DAY	Mobile Laboratory	730.81
02 90 50 00-0214	WK	Mobile Laboratory	2,009.73
02 90 50 00-0215	MO	Mobile Laboratory	5,481.09
02 90 50 00-0216	DAY	Nitrogen Enclosure Cabinet	14.03
02 90 50 00-0217	WK	Nitrogen Enclosure Cabinet	38.59
02 90 50 00-0218	MO	Nitrogen Enclosure Cabinet	105.24
02 90 50 00-0219	DAY	Odell Cleaning Station	409.26
02 90 50 00-0220	WK	Odell Cleaning Station	1,125.45
02 90 50 00-0221	MO	Odell Cleaning Station	3,069.41
02 90 50 00-0222	DAY	Parts Washer	29.23
02 90 50 00-0223	WK	Parts Washer	80.39
02 90 50 00-0224	MO	Parts Washer	219.24
02 90 50 00-0225	DAY	Ultrasonic Cleaning System	87.70
02 90 50 00-0226	WK	Ultrasonic Cleaning System	241.17
02 90 50 00-0227	MO	Ultrasonic Cleaning System	657.73
02 90 50 00-0228	DAY	Vacuum - HEPA Technical	23.39
02 90 50 00-0229	WK	Vacuum - HEPA Technical	64.31
02 90 50 00-0230	MO	Vacuum - HEPA Technical	175.40

02 90 50 00-0231 Drying/Dehumidification Equipment (02 90 50 00-0130)

02 90 50 00-0232	DAY	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	146.16
02 90 50 00-0233	WK	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	401.95
02 90 50 00-0234	MO	Water Extraction Unit With Dual 3-Stage Vacuums, 202 CFM Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.	1,096.22
02 90 50 00-0235	DAY	2,200 CFM Centrifugal Air Mover	29.23
02 90 50 00-0236	WK	2,200 CFM Centrifugal Air Mover	80.39
02 90 50 00-0237	MO	2,200 CFM Centrifugal Air Mover	219.24
02 90 50 00-0238	DAY	3,000 CFM Axial Air Mover	76.00
02 90 50 00-0239	WK	3,000 CFM Axial Air Mover	209.01
02 90 50 00-0240	MO	3,000 CFM Axial Air Mover	570.03
02 90 50 00-0241	DAY	Injectidry System	181.24
02 90 50 00-0242	WK	Injectidry System	498.41
02 90 50 00-0243	MO	Injectidry System	1,359.31
02 90 50 00-0244	DAY	1200 Drizair Refrigerant Dehumidifier	122.78
02 90 50 00-0245	WK	1200 Drizair Refrigerant Dehumidifier	337.64
02 90 50 00-0246	MO	1200 Drizair Refrigerant Dehumidifier	920.82
02 90 50 00-0247	DAY	2000 Drizair Refrigerant Dehumidifier	146.16
02 90 50 00-0248	WK	2000 Drizair Refrigerant Dehumidifier	401.95
02 90 50 00-0249	MO	2000 Drizair Refrigerant Dehumidifier	1,096.22
02 90 50 00-0250	DAY	2400 Drizair Refrigerant Dehumidifier	169.55
02 90 50 00-0251	WK	2400 Drizair Refrigerant Dehumidifier	466.26
02 90 50 00-0252	MO	2400 Drizair Refrigerant Dehumidifier	1,271.61
02 90 50 00-0253	DAY	Phoenix 200 Refrigerant Dehumidifier	169.55
02 90 50 00-0254	WK	Phoenix 200 Refrigerant Dehumidifier	466.26
02 90 50 00-0255	MO	Phoenix 200 Refrigerant Dehumidifier	1,271.61
02 90 50 00-0256	DAY	Phoenix 300 Refrigerant Dehumidifier	181.24
02 90 50 00-0257	WK	Phoenix 300 Refrigerant Dehumidifier	498.41
02 90 50 00-0258	MO	Phoenix 300 Refrigerant Dehumidifier	1,359.31
02 90 50 00-0259	DAY	D-500 Desiccant Dehumidifier	409.26
02 90 50 00-0260	WK	D-500 Desiccant Dehumidifier	1,125.45
02 90 50 00-0261	MO	D-500 Desiccant Dehumidifier	3,069.41
02 90 50 00-0262	DAY	D-750 Desiccant Dehumidifier	701.58
02 90 50 00-0263	WK	D-750 Desiccant Dehumidifier	1,929.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0264	MO		D-750 Desiccant Dehumidifier	5,261.85	
02 90 50 00-0265	DAY		D-1000 Desiccant Dehumidifier	789.28	
02 90 50 00-0266	WK		D-1000 Desiccant Dehumidifier	2,170.51	
02 90 50 00-0267	MO		D-1000 Desiccant Dehumidifier	5,919.58	
02 90 50 00-0268	DAY		D-1500 Desiccant Dehumidifier	876.98	
02 90 50 00-0269	WK		D-1500 Desiccant Dehumidifier	2,411.68	
02 90 50 00-0270	MO		D-1500 Desiccant Dehumidifier	6,577.31	
02 90 50 00-0271	DAY		D-2000 Desiccant Dehumidifier	935.44	
02 90 50 00-0272	WK		D-2000 Desiccant Dehumidifier	2,572.46	
02 90 50 00-0273	MO		D-2000 Desiccant Dehumidifier	7,015.80	
02 90 50 00-0274	DAY		D-2250 Desiccant Dehumidifier	993.90	
02 90 50 00-0275	WK		D-2250 Desiccant Dehumidifier	2,733.24	
02 90 50 00-0276	MO		D-2250 Desiccant Dehumidifier	7,454.29	
02 90 50 00-0277	DAY		D-3000 Desiccant Dehumidifier	1,128.37	
02 90 50 00-0278	WK		D-3000 Desiccant Dehumidifier	3,103.03	
02 90 50 00-0279	MO		D-3000 Desiccant Dehumidifier	8,462.81	
02 90 50 00-0280	DAY		D-4500 Desiccant Dehumidifier	1,403.16	
02 90 50 00-0281	WK		D-4500 Desiccant Dehumidifier	3,858.69	
02 90 50 00-0282	MO		D-4500 Desiccant Dehumidifier	10,523.70	
02 90 50 00-0283	DAY		D-5000 Desiccant Dehumidifier	1,578.56	
02 90 50 00-0284	WK		D-5000 Desiccant Dehumidifier	4,341.03	
02 90 50 00-0285	MO		D-5000 Desiccant Dehumidifier	11,839.16	
02 90 50 00-0286	DAY		D-9000 Desiccant Dehumidifier	2,163.20	
02 90 50 00-0287	WK		D-9000 Desiccant Dehumidifier	5,948.81	
02 90 50 00-0288	MO		D-9000 Desiccant Dehumidifier	16,224.04	
02 90 50 00-0289	DAY		D-10500 Desiccant Dehumidifier	2,572.46	
02 90 50 00-0290	WK		D-10500 Desiccant Dehumidifier	7,074.26	
02 90 50 00-0291	MO		D-10500 Desiccant Dehumidifier	19,293.45	
02 90 50 00-0292	DAY		DX Unit - Heating / Air Conditioning (3.5 Ton)	409.26	
02 90 50 00-0293	WK		DX Unit - Heating / Air Conditioning (3.5 Ton)	1,125.45	
02 90 50 00-0294	MO		DX Unit - Heating / Air Conditioning (3.5 Ton)	3,069.41	
02 90 50 00-0295	DAY		DX Unit - Heating / Air Conditioning (5 Ton)	578.80	
02 90 50 00-0296	WK		DX Unit - Heating / Air Conditioning (5 Ton)	1,591.71	
02 90 50 00-0297	MO		DX Unit - Heating / Air Conditioning (5 Ton)	4,341.03	
02 90 50 00-0298	DAY		DX Unit - Heating / Air Conditioning (10 Ton)	701.58	
02 90 50 00-0299	WK		DX Unit - Heating / Air Conditioning (10 Ton)	1,929.34	
02 90 50 00-0300	MO		DX Unit - Heating / Air Conditioning (10 Ton)	5,261.85	
02 90 50 00-0301	DAY		DX Unit - Heating / Air Conditioning (25 Ton)	876.98	
02 90 50 00-0302	WK		DX Unit - Heating / Air Conditioning (25 Ton)	2,411.68	
02 90 50 00-0303	MO		DX Unit - Heating / Air Conditioning (25 Ton)	6,577.31	
02 90 50 00-0304	DAY		DX Unit - Heating / Air Conditioning (50 Ton)	1,140.07	
02 90 50 00-0305	WK		DX Unit - Heating / Air Conditioning (50 Ton)	3,135.19	
02 90 50 00-0306	MO		DX Unit - Heating / Air Conditioning (50 Ton)	8,550.51	
02 90 50 00-0307	DAY		DX Unit - Heating / Air Conditioning (80 Ton)	1,578.56	
02 90 50 00-0308	WK		DX Unit - Heating / Air Conditioning (80 Ton)	4,341.03	
02 90 50 00-0309	MO		DX Unit - Heating / Air Conditioning (80 Ton)	11,839.16	
02 90 50 00-0310	DAY		Flex Duct - 25'	23.39	
02 90 50 00-0311	WK		Flex Duct - 25'	64.31	
02 90 50 00-0312	MO		Flex Duct - 25'	175.40	
02 90 50 00-0313	DAY		Hygro Thermograph	29.23	
02 90 50 00-0314	WK		Hygro Thermograph	80.39	
02 90 50 00-0315	MO		Hygro Thermograph	219.24	
02 90 50 00-0316	DAY		Dehumidification Trailer With 1,500 CFM Desiccant Unit	5,115.69	
			Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0317	WK		Dehumidification Trailer With 1,500 CFM Desiccant Unit	14,068.14	
			Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0318	MO		Dehumidification Trailer With 1,500 CFM Desiccant Unit	38,367.66	
			Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 50 00-0319			Power Equipment (02 90 50 00-0130)		
02 90 50 00-0320	WK		Generator, Up to 65 KVA	3,040.18	
02 90 50 00-0321	WK		Generator, Up to 125 KVA	3,390.97	
02 90 50 00-0322	WK		Generator, Up to 250 KVA	4,443.34	
02 90 50 00-0323	WK		Generator, Up to 375 KVA	5,378.78	
02 90 50 00-0324	WK		Generator, Up to 440 KVA	6,781.94	
02 90 50 00-0325	WK		Generator, Up to 625 KVA	8,652.82	
02 90 50 00-0326	WK		Generator, Up to 800 KVA	14,733.18	
02 90 50 00-0327	WK		Generator, Up to 1,000 KVA	19,176.52	
02 90 50 00-0328	WK		Generator, Up to 1,500 KVA	23,853.72	
02 90 50 00-0329	EA		Generator Cable/Pigtails (Per Section)	11.69	
02 90 50 00-0330	EA		Sub-Distribution Panel (Spider Box)	76.00	
02 90 50 00-0331	EA		Electrical Distribution Panel	233.86	
02 90 50 00-0332	EA		Quad Box Strings (25' Sections)	29.23	
02 90 50 00-0333	EA		50' Power Cord For Spider Box	29.23	
02 90 50 00-0334	EA		Pig Tails (Per Each)	2.92	
02 90 50 00-0335			Freight Charges (02 90 50 00-0130)		
02 90 50 00-0336	MI		Freight Up To 1 Ton Pick Up Truck	1.46	
02 90 50 00-0337	MI		Freight >1 Ton Pick Up Truck	2.63	
02 90 50 00-0338	MI		Freight 16' Or 24' Box Truck	2.63	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0339 MI Freight Tractor Trailer3.80

02 90 50 00-0340 Emergency Clean-up Personal Protection Equipment (02 90 50)

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

 02 90 50 00-0341 EA Tyvek Suit8.77
 02 90 50 00-0342 EA Cartridge - Respirator14.03
 02 90 50 00-0343 BOX Dust Mask31.86
 02 90 50 00-0344 PR Gloves - Cotton5.26
 02 90 50 00-0345 BOX Gloves - Latex15.79
 02 90 50 00-0346 PR Gloves - Leather8.77
 02 90 50 00-0347 EA Gloves - Rubber (Heavy Duty)4.68
 02 90 50 00-0348 PR Polycarbonate Lens Safety Goggles8.65
 02 90 50 00-0349 EA Respirator - With One Pair Cartridges39.65
 02 90 50 00-0350 PR Safety Glasses3.79
 02 90 50 00-0351 EA Safety Harness (Per Person/Day)5.85

02 90 50 00-0352 Emergency Clean-up Expendables (02 90 50)

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

02 90 50 00-0353 General Materials (02 90 50 00-0352)

 02 90 50 00-0354 GAL Adhesive Remover87.70
 02 90 50 00-0355 GAL Bio-HS24.92
 02 90 50 00-0356 GAL Biocide31.79
 02 90 50 00-0357 EA Box - Book4.62
 02 90 50 00-0358 EA Box - Large7.60
 02 90 50 00-0359 GAL Bleach4.09
 02 90 50 00-0360 EA Brush - Stainless - Small5.59
 02 90 50 00-0361 EA Buckets - 2 1/2 Gal.6.17
 02 90 50 00-0362 EA Buckets - 5 Gallon9.35
 02 90 50 00-0363 GAL Carpet Defoamer24.06
 02 90 50 00-0364 GAL Carpet Pre-treat23.12
 02 90 50 00-0365 GAL Carpet Spotter34.92
 02 90 50 00-0366 GAL Carpet/Upholstery Cleaner31.41
 02 90 50 00-0367 ROL Carpet Masking/Shield77.17
 02 90 50 00-0368 EA Chem Sponge3.45
 02 90 50 00-0369 GAL Clear Seal87.70
 02 90 50 00-0370 GAL Coil Cleaner28.06
 02 90 50 00-0371 EA Comfort Masks, Per Box 5034.67
 02 90 50 00-0372 EA Coverall - Bio-Hazard24.39
 02 90 50 00-0373 EA Decon Chamber239.71
 02 90 50 00-0374 GAL Degreaser, All Purpose32.74
 02 90 50 00-0375 GAL De-Foamer Liquid35.08
 02 90 50 00-0376 EA Deodorization Membrane83.79
 02 90 50 00-0377 GAL Deodorizer, 9D990.33
 02 90 50 00-0378 LB Deodorizing Gel15.20
 02 90 50 00-0379 GAL Deodorizing Liquid44.43
 02 90 50 00-0380 PAIL Deodorizing Block52.62
 02 90 50 00-0381 GAL Disinfectant/Antimicrobial56.71
 02 90 50 00-0382 GAL Disinfectant, BruClean28.06
 02 90 50 00-0383 GAL Dryclene34.92
 02 90 50 00-0384 GAL Duct Sealant Spray52.62
 02 90 50 00-0385 GAL Duct Sealant, Antifungal76.00
 02 90 50 00-0386 GAL Microbial Encapsulant (Fosters 20 - 40)108.16
 02 90 50 00-0387 PR Ear Plugs0.47
 02 90 50 00-0388 GAL Encapsulant107.42
 02 90 50 00-0389 GAL Fiberlocke - Aftershock95.40
 02 90 50 00-0390 GAL Fiberlocke - IAQ 250090.25
 02 90 50 00-0391 GAL Fiberlocke - IAS 600092.82
 02 90 50 00-0392 ROL Filter Material76.00
 02 90 50 00-0393 EA Filter, Blue Paper Collection Bag5.79
 02 90 50 00-0394 EA Filter, CVAC For HEPA Vacuum263.38
 02 90 50 00-0395 EA Filter, Pre-Filter For Negative Air Machine4.50
 02 90 50 00-0396 EA Filter, Pleated For Negative Air Machine7.02
 02 90 50 00-0397 EA Filter, Charcoal For Negative Air Machine34.96
 02 90 50 00-0398 EA Filter, HEPA For Negative Air Machine222.75
 02 90 50 00-0399 EA Filter, Pleated For Dehumidifiers8.77
 02 90 50 00-0400 GAL Floor Stripper16.37
 02 90 50 00-0401 GAL Floor Wax23.39
 02 90 50 00-0402 GAL Fogger (Thermal)92.37
 02 90 50 00-0403 BOX Furniture Blocks116.93
 02 90 50 00-0404 EA Furniture Polish, Per Can12.86
 02 90 50 00-0405 GAL Glass Cleaner19.88
 02 90 50 00-0406 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles14.27
 02 90 50 00-0407 EA Goof Off Spray, 12 Oz8.19
 02 90 50 00-0408 EA Halogen Light Bulbs16.70
 02 90 50 00-0409 QT Hand Sanitizer8.26
 02 90 50 00-0410 EA Hard Hats6.80
 02 90 50 00-0411 BOX Hog Rings, Box Of 2,50016.95
 02 90 50 00-0412 GAL HVAC Coal Cleaner38.59
 02 90 50 00-0413 BOX Inventory Tag, Box Of 1,000105.24

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0414	EA	Knives - Utility.....	12.86	
02 90 50 00-0415	ROL	Lay Flat Tubing, 13" (250' Roll).....	64.55	
02 90 50 00-0416	ROL	Lay Flat Tubing, 20" (250' Roll).....	98.22	
02 90 50 00-0417	ROL	Lay Flat Tubing, 29" (250' Roll).....	167.21	
02 90 50 00-0418	ROL	Lay Flat Tubing, 39" (250' Roll).....	273.62	
02 90 50 00-0419	GAL	Lemon Oil.....	46.77	
02 90 50 00-0420	GAL	LPS 1/Mecca Lube.....	42.49	
02 90 50 00-0421	GAL	LPS 2.....	44.97	
02 90 50 00-0422	GAL	LPS Contact Cleaner.....	44.76	
02 90 50 00-0423	GAL	Lubricant, Preserver (Light).....	38.59	
02 90 50 00-0424	GAL	Lubricant, Preserver (Heavy).....	23.39	
02 90 50 00-0425	GAL	Machinery Cleaning Solvent.....	52.62	
02 90 50 00-0426	GAL	Metal Polishing Paste.....	11.69	
02 90 50 00-0427	GAL	Microban.....	47.26	
02 90 50 00-0428	GAL	Milgo.....	58.01	
02 90 50 00-0429	EA	Mop Heads.....	6.84	
02 90 50 00-0430	EA	Nylon Scouring Pads.....	1.29	
02 90 50 00-0431	GAL	Odor Neutralizer.....	52.09	
02 90 50 00-0432	EA	Packing Paper, 25 LB Bundle.....	30.99	
02 90 50 00-0433	EA	Paint Brushes.....	5.85	
02 90 50 00-0434	ROL	Paper, Corrugated/Craft.....	102.90	
02 90 50 00-0435	EA	Putty Knives.....	5.30	
02 90 50 00-0436	ROL	Red Resin Paper, 200' Roll.....	31.57	
02 90 50 00-0437	GAL	Reodorant.....	99.39	
02 90 50 00-0438	EA	Respirator - N95.....	4.64	
02 90 50 00-0439	EA	Respirator - N95 w/valve.....	5.29	
02 90 50 00-0440	PR	Respirator Cartridges - 3M.....	35.45	
02 90 50 00-0441	PR	Respirator Cartridges -P100.....	35.45	
02 90 50 00-0442	EA	Respirator Cleaning Wipes, Per Box 100.....	28.37	
02 90 50 00-0443	GAL	Restoracide.....	46.62	
02 90 50 00-0444	GAL	Rust Remover.....	81.85	
02 90 50 00-0445	EA	Saltesmo Test Samples.....	7.60	
02 90 50 00-0446	EA	Sand Bag, Excluding Sand.....	1.99	
02 90 50 00-0447	EA	Scotch-Brite 7447, Per Box 50.....	37.97	
02 90 50 00-0448	EA	Sm. Scrub Brushes.....	5.59	
02 90 50 00-0449	GAL	Soot Sealant, Clear.....	45.60	
02 90 50 00-0450	GAL	Soot Sealant, Pigmented.....	46.77	
02 90 50 00-0451	ROL	Shrinkwrap Plastic.....	56.13	
02 90 50 00-0452	EA	Sponges - Dry.....	2.48	
02 90 50 00-0453	EA	Spray Adhesive, Per Can.....	5.26	
02 90 50 00-0454	EA	Spray Bot./Trigger.....	4.51	
02 90 50 00-0455	GAL	Stain Remover.....	28.06	
02 90 50 00-0456	GAL	Stainless Steel Cleaner.....	43.26	
02 90 50 00-0457	EA	Stainless Steel Polish, Per Can.....	15.20	
02 90 50 00-0458	LB	Sweeping Compound.....	18.91	
02 90 50 00-0459	ROL	Tape - Duct.....	7.89	
02 90 50 00-0460	ROL	Tape - Environmental (Teal).....	10.92	
02 90 50 00-0461	ROL	Tape - HVAC (Aluminum).....	25.72	
02 90 50 00-0462	ROL	Tape - Blue Masking (Painters Tape).....	10.97	
02 90 50 00-0463	ROL	Tape - Poly Box.....	4.68	
02 90 50 00-0464	LB	Terry Towels.....	6.02	
02 90 50 00-0465	GAL	Thermal Fog.....	57.47	
02 90 50 00-0466	ROL	Trash Bags - Lawn And Leaf.....	37.42	
02 90 50 00-0467	ROL	Trash Bags - 6 Mil Heavy Duty (50 Count).....	103.48	
02 90 50 00-0468	EA	Trisodium Phosphaste, 20 LB Pail.....	42.67	
02 90 50 00-0469	EA	Vacuum Bags - Backpack.....	1.44	
02 90 50 00-0470	EA	Vacuum Bags - Upright.....	1.92	
02 90 50 00-0471	GAL	Vinyl And Leather Cleaner.....	93.54	
02 90 50 00-0472	ROL	Visqueen 1 Mil.....	44.73	
02 90 50 00-0473	ROL	Visqueen 4 Mil.....	91.79	
02 90 50 00-0474	ROL	Visqueen 6 Mil.....	130.96	
02 90 50 00-0475	LB	Wipes, Cotton Cloth.....	5.09	
02 90 50 00-0476	ROL	12" x 750', Wrap, Bubble / Anti-Static.....	73.67	
02 90 50 00-0477	EA	Wyp-Alls, Case, 160 Wipes.....	38.59	
02 90 50 00-0478	EA	Zip Wall Zippers.....	21.05	
02 90 50 00-0479 Technical/Electronics Restoration Materials (02 90 50 00-0352)				
02 90 50 00-0480	EA	Brush - Brass.....	4.38	
02 90 50 00-0481	EA	Brush - Natural Bristle 1".....	1.40	
02 90 50 00-0482	EA	Brush - Natural Bristle 1/2".....	1.17	
02 90 50 00-0483	EA	Brush - Natural Bristle 1/4".....	0.99	
02 90 50 00-0484	EA	Brush - Parts.....	6.08	
02 90 50 00-0485	EA	Brush - Plastic.....	3.16	
02 90 50 00-0486	EA	Brush - Wire Grout.....	5.85	
02 90 50 00-0487	EA	Brushing Tool.....	14.62	
02 90 50 00-0488	EA	Cleaning Swabs, Cotton.....	0.29	
02 90 50 00-0489	EA	Cleaning Swabs, Foam Tip.....	0.35	
02 90 50 00-0490	EA	Contact Restorer, Per Can.....	28.36	
02 90 50 00-0491	EA	Contact Spray, Per Can.....	19.29	
02 90 50 00-0492	UNIT	Corrosion Inhibitor Emitter - 1 CF.....	2.81	
02 90 50 00-0493	UNIT	Corrosion Inhibitor Emitter - 5 CF.....	6.43	
02 90 50 00-0494	UNIT	Corrosion Inhibitor Emitter - 10 CF.....	11.11	
02 90 50 00-0495	LB	Cotton Cleaning Cloths.....	17.54	
02 90 50 00-0496	EA	12" x 17" Dust Cloths.....	0.26	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 90 50 00-0497	EA	24" x 24" Dust Cloths	0.72
02 90 50 00-0498	EA	Deoxidizing Agent, Per Can	13.74
02 90 50 00-0499	GAL	Electronic Grade Detergent	21.05
02 90 50 00-0500	SHT	Inventory Labels.....	6.37
02 90 50 00-0501	GAL	Isopropyl Alcohol.....	29.23
02 90 50 00-0502	EA	Lubrication/Penetrating Oil, Per Can.....	6.43
02 90 50 00-0503	GAL	PC Board Detergent.....	80.10
02 90 50 00-0504	GAL	Rust Inhibitor, Regular Duty	31.57
02 90 50 00-0505	GAL	Rust Inhibitor - Moderate Duty	34.49
02 90 50 00-0506	GAL	Rust Inhibitor - Severe Duty	39.76
02 90 50 00-0507	LB	Wipes - Lint Free Cloths	8.19
02 90 50 00-0508	EA	Wire Marker Card.....	2.05
02 90 50 00-0509	EA	Steel Wool, 16 Pad Sleeve	7.02
02 90 50 00-0510 Board Up And Tarp Up (02 90 50)			
02 90 50 00-0511	SF	Polyethylene Tarp On Roof.....	0.20
02 90 50 00-0512	SF	Temporary Plywood On Roof.....	1.28
02 90 50 00-0513	SF	Temporary Plywood On Wall Or Windows.....	1.62
02 90 50 00-0514 Minimum Charges (02 90 50)			
02 90 50 00-0515	EA	Minimum For Cleaning.....	99.39
02 90 50 00-0516	EA	Minimum For Water Extraction.....	116.93
02 90 50 00-0517	EA	Minimum For Carpet Cleaning	140.32
02 90 50 00-0518 Document Restoration (02 90 50)			
02 90 50 00-0519	EA	Book Rebinding, Each	72.46
02 90 50 00-0520	EA	Book Recasing, Each.....	36.22
02 90 50 00-0521	EA	Boxes-MCS, 1.2 CF	7.25
02 90 50 00-0522	EA	Boxes-MCS, 2.0 CF	9.39
02 90 50 00-0523	EA	Boxes Bankers.....	11.58
02 90 50 00-0524	EA	Boxes Standard Packout	4.33
02 90 50 00-0525	EA	Boxes X Ray	7.25
02 90 50 00-0526	EA	CD Scanning and Diagnostics, Each	7.25
02 90 50 00-0527	EA	Cleaning Antique Books, Each.....	217.37
02 90 50 00-0528	EA	Cleaning Catheter Roll, Per Roll	28.98
02 90 50 00-0529	EA	Cleaning CD And DVD, Per Disc.....	2.91
02 90 50 00-0530	EA	Cleaning Level 1 - Blue Prints, Each.....	2.91
02 90 50 00-0531	CF	Cleaning Level 1 - Document Per CF	89.87
02 90 50 00-0532	EA	Cleaning Level 1 - Linen, Each	2.91
02 90 50 00-0533	EA	Cleaning Level 1 - Mylar, Each.....	2.91
02 90 50 00-0534	EA	Cleaning Level 2 - Blue Print, Each	3.62
02 90 50 00-0535	CF	Cleaning Level 2 - Document Per CF	134.77
02 90 50 00-0536	EA	Cleaning Level 2 - Linen, Each	3.62
02 90 50 00-0537	EA	Cleaning Level 2 - Mylar, Each.....	3.62
02 90 50 00-0538	EA	Cleaning Level 3 - Blue Prints, Each.....	5.12
02 90 50 00-0539	CF	Cleaning Level 3 - Document Per CF	179.73
02 90 50 00-0540	EA	Cleaning Level 3 - Linen, Each	5.12
02 90 50 00-0541	EA	Cleaning Level 3 - Mylar, Each.....	5.12
02 90 50 00-0542	EA	Cleaning Level 4 - All Fire-Blue Print, Each.....	7.25
02 90 50 00-0543	EA	Cleaning Level 4 - All Fire-Linen, Each.....	7.25
02 90 50 00-0544	EA	Cleaning Level 4 - All Fire-Mylar, Each.....	7.25
02 90 50 00-0545	CF	Cleaning Level 4 - Light Fire-Document Per CF	224.62
02 90 50 00-0546	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each.....	8.66
02 90 50 00-0547	CF	Cleaning Level 5 - Severe Fire-Document Per CF	449.26
02 90 50 00-0548	EA	Cleaning Level 5 - Severe Fire-Linen, Each	8.66
02 90 50 00-0549	EA	Cleaning Level 5 - Severe Fire-Mylar, Each	8.66
02 90 50 00-0550	EA	Cleaning Microfiche Sheets, Each	2.91
02 90 50 00-0551	EA	Cleaning Microfiche Strips, Each	0.74
02 90 50 00-0552	EA	Cleaning Microfilm Rolls (In House), Per Roll	72.46
02 90 50 00-0553	EA	Cleaning Microfilm Rolls (Outside), Per Roll	101.45
02 90 50 00-0554	EA	Cleaning Photographs Negatives, Per Negative.....	0.74
02 90 50 00-0555	EA	Cleaning Photographs, Each	2.91
02 90 50 00-0556	EA	Cleaning Record Albums, Each	2.91
02 90 50 00-0557	EA	Cleaning VHS And Beta Tapes-In House, Each.....	7.25
02 90 50 00-0558	EA	Cleaning VHS And Beta Tapes-Outside, Each	28.98
02 90 50 00-0559	EA	Cleaning X Ray 1-1000, Per Film.....	4.33
02 90 50 00-0560	EA	Cleaning X Ray 1K-5K, Per Film.....	3.62
02 90 50 00-0561	EA	Cleaning X Ray 5K-Up, Per Film.....	2.91
02 90 50 00-0562	EA	Copying Clean Water, Per Page.....	0.43
02 90 50 00-0563	EA	Copying Greywater Fire, Per Page	0.78
02 90 50 00-0564	EA	Deodorization, Vapor Tech, Per Cube.....	7.25
02 90 50 00-0565	EA	Disinfectant-Fogging, Per Cube.....	10.16
02 90 50 00-0566	EA	Document Disposal In House No Shredding.....	23.21
02 90 50 00-0567	EA	Document Disposal In House With Shredding	39.97
02 90 50 00-0568	EA	Drying-MCS Center 1-50 Cubes	130.42
02 90 50 00-0569	EA	Drying-MCS Center 151-500 Cubes	101.45
02 90 50 00-0570	EA	Drying-MCS Center 500 And Up.....	86.95
02 90 50 00-0571	EA	Drying-MCS Center 51-150 Cubes	115.94
02 90 50 00-0572	EA	Drying-Onsite 1-500 Cubes	217.37
02 90 50 00-0573	EA	Drying-Onsite 501- Up Cube.....	133.35
02 90 50 00-0574	EA	Drying Antique Books, Each	28.98
02 90 50 00-0575	EA	Drying Blue Prints, Each.....	3.62

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	02 90 50 00-0576	EA		DVD Scanning And Diagnostics, Each	7.25	
	02 90 50 00-0577	EA		Freeze Drying (In House).....	101.45	
	02 90 50 00-0578	EA		Freeze Drying (Outside)	133.35	
	02 90 50 00-0579	EA		Irradiation - Gamma 0-48 Cubes (minimum charge).....	1,546.98	
	02 90 50 00-0580	EA		Irradiation - Gamma 49-Up Cube (per cube charge)	32.23	
	02 90 50 00-0581	EA		Linen Prints.....	7.25	
	02 90 50 00-0582	EA		Minimal Drying Jobs	709.04	
	02 90 50 00-0583	EA		Monthly Storage.....	72.46	
	02 90 50 00-0584	EA		Mylar Prints.....	7.25	
	02 90 50 00-0585	EA		Ozoning, Per Cube	7.25	
	02 90 50 00-0586	MO		Stabilization Freezer Storage, Per Cube-Per Month	10.16	
	02 90 50 00-0587	MO		Stabilization Freezer Storage, Per Page-Per Month	0.07	
	02 90 50 00-0588	EA		Wood Pallets, Each	36.22	

END OF SECTION 02

02 Existing Conditions

02 90 Disaster Recovery

02 90 50 Cleaning And Emergency Clean-up



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

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

03 Concrete

03 01 Maintenance Of Concrete (03)

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

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

03 01 30 51-0001	Abrasive Blasting <small>(03 01 30 51)</small>	
	Note: Includes containment and clean-up of all material. Includes steel ball media.	
03 01 30 51-0002	SF Concrete Floors, Abrasive Shot Blasting	1.09
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot Blasting	2.18
	<i>For Quantities >1,000 To 5,000, Deduct</i>	-1.31
	<i>For Quantities >5,000, Deduct</i>	-1.85

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

03 01 30 71-0001	Concrete Resurfacing/Repair <small>(03 01 30 71)</small>	
	See CSI section 09 91 43 00-002 for surface preparation as required.	
03 01 30 71-0002	Concrete Repair <small>(03 01 30 71-0001)</small>	
03 01 30 71-0003	Decks Or Floors <small>(03 01 30 71-0002)</small>	
	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0004	SF 1/8" To 1/4", Cementitious Mortar Patch, Decks And Floors.....	5.12
03 01 30 71-0005	SF 1/8" To 1/4", Epoxy Cementitious Mortar Patch, Decks And Floors.....	17.59
03 01 30 71-0006	SF White Aluminum Oxide Grit (Non Slip Aggregate) Patch, Decks And Floors.....	0.48
03 01 30 71-0007	Verticals Or Overheads <small>(03 01 30 71-0002)</small>	
	Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.	
03 01 30 71-0008	SF 1/8" To 1/4" Cementitious Mortar Patch, Verticals And Overheads	7.58
03 01 30 71-0009	SF 1/8" To 1/4" Epoxy Cementitious Mortar Patch, Verticals And Overheads	23.16
03 01 30 71-0010	SF 1/8" To 1/4" Latex Cementitious Mortar Patch, Verticals And Overheads	26.31
03 01 30 71-0011	SF 1/8" To 1/4" Elastomeric Compound Patch, Verticals And Overheads	5.50
03 01 30 71-0012	SF 1/8" To 1/4" Copolymer Cementitious Compound Patch, Verticals And Overheads.....	9.58
	Note: Rapid Set - Wunderfixx	

03 01 30 71-0013	Bridge Deck Treatment <small>(03 01 30 71-0002)</small>	
03 01 30 71-0014	SF Sweep Bridge Deck	0.01
03 01 30 71-0015	SF Clean Bridge Deck.....	0.01
03 01 30 71-0016	SF Treat Bridge Deck With Methacrylate Resin Sealant.....	1.28

03 01 30 71-0017	Concrete Finishes <small>(03 01 30 71-0001)</small>	
03 01 30 71-0018	Concrete Patching <small>(03 01 30 71-0017)</small>	
03 01 30 71-0019	Walls <small>(03 01 30 71-0018)</small>	
03 01 30 71-0020	BAG Sika Top 111 Plus.....	96.94
	Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar.	
	Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel).	
	<i>For Up To 10, Add</i>	31.83
	<i>For >10 To 25, Add</i>	19.10
	<i>For >25 To 50, Add</i>	12.73
	<i>For >50 To 75, Add</i>	6.37
03 01 30 71-0021	BAG Sika Grout 212, 50 LB Bag.....	39.09
	Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow.	
	<i>For Up To 10, Add</i>	5.68
	<i>For >10 To 25, Add</i>	3.41
	<i>For >25 To 50, Add</i>	2.27
	<i>For >50 To 75, Add</i>	1.14
03 01 30 71-0022	EA Sika Flex 1A, 10.3 Ounce Tube	26.46
	Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.	
03 01 30 71-0023	BAG Pea Gravel.....	18.66

03 01 30 71-0024	Crack Repair For Concrete <small>(03 01 30 71-0001)</small>	
03 01 30 71-0025	Non Structural Crack Repair For Concrete <small>(03 01 30 71-0024)</small>	
03 01 30 71-0026	Surface Applied, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>	
	Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.	
03 01 30 71-0027	LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	5.00
	<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0028	LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	6.51
	<i>For V-Grooving Crack With Grinder, Add</i>	3.94

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 01 30 71-0029	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	5.07
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0030	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	6.65
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0031	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	5.32
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0032	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	7.16
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0033	LF	Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	5.51
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0034	LF	>1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix).....	7.53
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0035		Pressure Injected, Non Structural Crack Repair For Concrete <small>(03 01 30 71-0025)</small>	
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0036	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570).....	19.74
		<i>For Cracks Accessible From Both Sides, Add</i>	4.01
03 01 30 71-0037		Structural Crack Repair For Concrete <small>(03 01 30 71-0024)</small>	
03 01 30 71-0038		Surface Applied, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>	
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.	
03 01 30 71-0039	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	5.55
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0040	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	7.62
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0041	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	5.55
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0042	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	7.60
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0043	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	6.28
		<i>For V-Grooving Crack With Grinder, Add</i>	4.04
03 01 30 71-0044	LF	>1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	9.07
		<i>For V-Grooving Crack With Grinder, Add</i>	3.94
03 01 30 71-0045		Pressure Injected, Structural Crack Repair For Concrete <small>(03 01 30 71-0037)</small>	
		Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.	
03 01 30 71-0046	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	17.76
		<i>For Cracks Accessible From Both Sides, Add</i>	4.01
03 01 30 71-0047	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	17.76
		<i>For Cracks Accessible From Both Sides, Add</i>	4.01
03 01 30 71-0048		Carbon Fiber Strengthening System <small>(03 01 30 71-0001)</small>	
		Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.	
03 01 30 71-0049	SF	Carbon Fiber Strengthening System Beams, Per Layer.....	52.31
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0050	SF	Carbon Fiber Strengthening System Columns, Per Layer.....	45.94
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0051	SF	Carbon Fiber Strengthening System Slabs, Per Layer.....	40.35
		Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	
03 01 30 71-0052		Fiber Reinforced Polymer (FRP) Strengthening System <small>(03 01 30 71-0001)</small>	
		Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.	
03 01 30 71-0053	SF	Composite Strengthening System - Exterior, Per Layer.....	34.03
		Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish. TYFO Fibwrap System by Fyfe Company	
		<i>For Floor Surfaces, Deduct</i>	-5.51
03 01 30 71-0054	SF	Composite Strengthening Fire Resistant System - Interior, Per Layer.....	41.37
		Note: Includes composite fabric SCH fiber, SEH fiber, epoxy saturant, primer, filler for voids, anchors, finish and fire coating. TYFO Fibwrap System by Fyfe Company	
		<i>For Floor Surfaces, Deduct</i>	-6.76

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

03 05 Common Work Results For Concrete (03)

03 05 00 00-0001 Concrete Admixtures (03 05)

03 05 00 00-0002	CY	Low Range Water Reducing (LRWR), Type A Concrete Admixture	3.36
03 05 00 00-0003	CY	Set Retarding, Type B Concrete Admixture	2.32
03 05 00 00-0004	CY	1% Calcium Chloride Accelerating, Type C Concrete Admixture	3.61
03 05 00 00-0005	CY	2% Calcium Chloride Accelerating, Type C Concrete Admixture	7.23
03 05 00 00-0006	CY	1% Non-Chloride Accelerating, Type C Concrete Admixture	6.46
03 05 00 00-0007	CY	2% Non-Chloride Accelerating, Type C Concrete Admixture	12.91
03 05 00 00-0008	CY	Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	2.79
03 05 00 00-0009	CY	1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	3.87
03 05 00 00-0010	CY	2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.75
03 05 00 00-0011	CY	Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	5.21
03 05 00 00-0012	CY	High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	6.20
03 05 00 00-0013	CY	1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	8.26
03 05 00 00-0014	CY	25 LB/CY Steel Fibers, Concrete Admixture	20.34
03 05 00 00-0015	CY	10% Microsilica (Silica Fume), Concrete Admixture	83.42
03 05 00 00-0016	CY	Corrosion Inhibiting Concrete Admixture	15.49
03 05 00 00-0017	CY	Winter Service Or Heat, Concrete Add	3.61
03 05 00 00-0018	CY	Chilled Water, Concrete Add	3.61
03 05 00 00-0019	CY	Subtle Color (See Davis Colors Color Card), Concrete Admixture	20.91
03 05 00 00-0020	CY	Standard Color (See Davis Colors Color Card), Concrete Admixture	34.86
03 05 00 00-0021	CY	Premium Color (See Davis Colors Color Card), Concrete Admixture	66.93
03 05 00 00-0022	CY	Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	92.95
03 05 00 00-0023	CY	XYPEX Concrete Additive C-500, C-1000 or C-2000	34.06

03 10 Concrete Forming And Accessories (03)

03 11 Concrete Forming (03 10)

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

Note: Per square foot of formwork.

03 11 13 00-0001 Wood Formwork (03 11 13)

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

03 11 13 00-0002 Foundation Wood Formwork (03 11 13 00-0001)

Note: For foundation work below or at grade.

03 11 13 00-0003	SF	Continuous Footings Foundation Wood Formwork	5.88
		<i>For <1,000, Add</i>	1.10
		<i>For Foundations >8' Below Grade, Add</i>	1.06
		<i>For Curved Formwork, Add</i>	2.12
03 11 13 00-0004	SF	Pile Cap, Pier Or Spread Footings Foundation Wood Formwork	7.01
		<i>For <1,000, Add</i>	1.32
		<i>For Foundations >8' Below Grade, Add</i>	1.28
		<i>For Curved Formwork, Add</i>	2.56
03 11 13 00-0005	SF	Mat Foundation Wood Formwork	8.11
		<i>For <1,000, Add</i>	1.55
		<i>For Foundations >8' Below Grade, Add</i>	1.51
		<i>For Curved Formwork, Add</i>	3.01
03 11 13 00-0006	SF	Grade Beams Or Duct Bank Foundation Wood Formwork	6.74
		<i>For <1,000, Add</i>	1.27
		<i>For Foundations >8' Below Grade, Add</i>	1.23
		<i>For Curved Formwork, Add</i>	2.47
03 11 13 00-0007	SF	Below Grade Walls Foundation Wood Formwork	9.56
		Note: Excludes footing	
		<i>For <1,000, Add</i>	1.80
		<i>For Foundations >8' Below Grade, Add</i>	1.74
		<i>For Curved Formwork, Add</i>	3.48

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

03 11 13 00-0009	LF	Up To 6" High Slab Edge and Block-Out Wood Formwork	4.54
		<i>For Foundations >8' Below Grade, Add</i>	0.85
		<i>For Curved Formwork, Add</i>	1.69
		<i>For <250, Add</i>	0.87
03 11 13 00-0010	LF	>6" To 12" High Slab Edge and Block-Out Wood Formwork	6.51
		<i>For Foundations >8' Below Grade, Add</i>	1.18
		<i>For Curved Formwork, Add</i>	2.36
		<i>For <250, Add</i>	1.22
03 11 13 00-0011	SF	>12" High Slab Edge and Block-Out Wood Formwork	8.38
		<i>For Foundations >8' Below Grade, Add</i>	1.53
		<i>For Curved Formwork, Add</i>	3.05
		<i>For <1,000, Add</i>	1.58

03 11 13 00-0012 Column Wood Formwork (03 11 13 00-0001)

03 11 13 00-0013	LF	Up To 8" Square Column Wood Formwork	35.16
03 11 13 00-0014	LF	>8" To 12" Square Column Wood Formwork	51.36
03 11 13 00-0015	LF	>12" To 18" Square Column Wood Formwork	64.47
03 11 13 00-0016	LF	>18" To 24" Square Column Wood Formwork	92.34
03 11 13 00-0017	LF	>24" To 36" Square Column Wood Formwork	132.46
03 11 13 00-0018	LF	>36" To 48" Square Column Wood Formwork	174.88

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
03 11 13 00-0019			Above Grade Wall Wood Formwork (03 11 13 00-0001)		
03 11 13 00-0020	SF		Up To 8' High Above Grade Wall Wood Formwork.....	10.68	
			For Curved Formwork, Add	3.93	
			For <1,000, Add	2.02	
03 11 13 00-0021	SF		>8' High Above Grade Wall Wood Formwork	12.65	
			For Curved Formwork, Add	4.66	
			For <1,000, Add	2.40	
03 11 13 00-0022			Elevated Beam Wood Formwork (03 11 13 00-0001)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF		Bottom of Elevated Beam Wood Formwork	13.84	
			For Curved Formwork, Add	5.11	
			For <1,000, Add	2.63	
03 11 13 00-0024	SF		Vertical Sides of Elevated Beam Wood Formwork.....	8.86	
			For Curved Formwork, Add	3.27	
			For <1,000, Add	1.68	
03 11 13 00-0025			Elevated Slab Wood Formwork (03 11 13 00-0001)		
			Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF		Elevated Slab Wood Formwork.....	8.18	
			For <1,000, Add	1.50	
03 11 13 00-0027			Metal Framed Formwork (03 11 13)		
			Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028			Foundation Metal Framed Formwork (03 11 13 00-0027)		
			Note: For foundation work below or at grade.		
03 11 13 00-0029	SF		Continuous Footings Foundation Metal Framed Formwork	5.03	
			For <1,000, Add	0.96	
			For Foundations >8' Below Grade, Add	0.93	
			For Curved Formwork, Add	1.86	
03 11 13 00-0030	SF		Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	5.62	
			For <1,000, Add	1.07	
			For Foundations >8' Below Grade, Add	1.05	
			For Curved Formwork, Add	2.09	
03 11 13 00-0031	SF		Mat Foundation Metal Framed Formwork	6.24	
			For <1,000, Add	1.18	
			For Foundations >8' Below Grade, Add	1.15	
			For Curved Formwork, Add	2.30	
03 11 13 00-0032	SF		Grade Beams Or Duct Bank Foundation Metal Framed Formwork.....	5.25	
			For <1,000, Add	0.99	
			For Foundations >8' Below Grade, Add	0.97	
			For Curved Formwork, Add	1.93	
03 11 13 00-0033	SF		Below Grade Walls Foundation Metal Framed Formwork.....	8.12	
			Note: Excludes footing.		
			For <1,000, Add	1.55	
			For Foundations >8' Below Grade, Add	1.52	
			For Curved Formwork, Add	3.04	
03 11 13 00-0034			Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035	LF		Up To 6" High Slab Edge and Block-Out Metal Framed Formwork	3.88	
			For Foundations >8' Below Grade, Add	0.76	
			For Curved Formwork, Add	1.53	
			For <250, Add	0.77	
03 11 13 00-0036	LF		>6" To 12" High Slab Edge and Block-Out Metal Framed Formwork.....	4.85	
			For Foundations >8' Below Grade, Add	0.95	
			For Curved Formwork, Add	1.90	
			For <250, Add	0.96	
03 11 13 00-0037	SF		>12" High Slab Edge and Block-Out Metal Framed Formwork	5.36	
			For Foundations >8' Below Grade, Add	1.05	
			For Curved Formwork, Add	2.10	
			For <1,000, Add	1.06	
03 11 13 00-0038			Column Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0039			Square Columns (03 11 13 00-0038)		
03 11 13 00-0040	LF		Up To 12" Square Column Metal Framed Formwork	30.99	
03 11 13 00-0041	LF		>12" To 16" Square Column Metal Framed Formwork	37.29	
03 11 13 00-0042	LF		>16" To 20" Square Column Metal Framed Formwork	43.60	
03 11 13 00-0043	LF		>20" To 24" Square Column Metal Framed Formwork	52.19	
03 11 13 00-0044	LF		>24" To 30" Square Column Metal Framed Formwork	62.78	
03 11 13 00-0045	LF		>30" To 36" Square Column Metal Framed Formwork	75.24	
03 11 13 00-0046	LF		>36" To 48" Square Column Metal Framed Formwork	96.43	
03 11 13 00-0047	LF		>48" To 60" Square Column Metal Framed Formwork	118.71	
03 11 13 00-0048			Round Columns (03 11 13 00-0038)		
03 11 13 00-0049	LF		Up To 12" Diameter Column Metal Formwork	26.07	
03 11 13 00-0050	LF		>12" To 16" Diameter Column Metal Formwork.....	29.35	
03 11 13 00-0051	LF		>16" To 20" Diameter Column Metal Formwork.....	34.04	
03 11 13 00-0052	LF		>20" To 24" Diameter Column Metal Formwork.....	40.37	
03 11 13 00-0053	LF		>24" To 30" Diameter Column Metal Formwork.....	48.10	

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

03 11 13 00-0054	LF	>30" To 36" Diameter Column Metal Formwork.....		55.41	
03 11 13 00-0055	LF	>36" To 48" Diameter Column Metal Formwork.....		70.15	
03 11 13 00-0056	LF	>48" To 60" Diameter Column Metal Formwork.....		87.43	
03 11 13 00-0057	Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)				
03 11 13 00-0058	SF	Up to 8' High Above Grade Wall Metal Framed Formwork.....		4.81	
		<i>For Curved Formwork, Add</i>		1.71	
		<i>For <1,000, Add</i>		0.89	
03 11 13 00-0059	SF	>8' High Above Grade Wall Metal Framed Formwork.....		5.82	
		<i>For Curved Formwork, Add</i>		2.06	
		<i>For <1,000, Add</i>		1.07	
03 11 13 00-0060	Elevated Beam Metal Framed Formwork (03 11 13 00-0027)				
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.			
03 11 13 00-0061	SF	Bottom of Elevated Beam Metal Framed Formwork.....		4.76	
		<i>For Curved Formwork, Add</i>		1.60	
		<i>For <1,000, Add</i>		0.85	
03 11 13 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork.....		3.55	
		<i>For Curved Formwork, Add</i>		1.25	
		<i>For <1,000, Add</i>		0.65	
03 11 13 00-0063	Elevated Slab Metal Framed Formwork (03 11 13 00-0027)				
		Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.			
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork.....		6.24	
		<i>For <1,000, Add</i>		1.00	
03 11 13 00-0065	Fiber Tube Formwork (03 11 13)				
		Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.			
03 11 13 00-0066	Round Column Fiber Tube Formwork (03 11 13 00-0065)				
03 11 13 00-0067	LF	8" Diameter Round Fiber Tube Formwork.....		15.38	
		<i>For Plastic Lined, Add</i>		0.82	
		<i>For Columns >12' In Length, Add</i>		1.54	
03 11 13 00-0068	LF	10" Diameter Round Fiber Tube Formwork.....		17.31	
		<i>For Plastic Lined, Add</i>		1.04	
		<i>For Columns >12' In Length, Add</i>		1.73	
03 11 13 00-0069	LF	12" Diameter Round Fiber Tube Formwork.....		19.75	
		<i>For Plastic Lined, Add</i>		1.20	
		<i>For Columns >12' In Length, Add</i>		1.98	
03 11 13 00-0070	LF	14" Diameter Round Fiber Tube Formwork.....		21.64	
		<i>For Plastic Lined, Add</i>		1.37	
		<i>For Columns >12' In Length, Add</i>		2.16	
03 11 13 00-0071	LF	16" Diameter Round Fiber Tube Formwork.....		22.83	
		<i>For Plastic Lined, Add</i>		1.55	
		<i>For Columns >12' In Length, Add</i>		2.28	
03 11 13 00-0072	LF	18" Diameter Round Fiber Tube Formwork.....		25.53	
		<i>For Plastic Lined, Add</i>		2.15	
		<i>For Columns >12' In Length, Add</i>		2.55	
03 11 13 00-0073	LF	20" Diameter Round Fiber Tube Formwork.....		28.11	
		<i>For Plastic Lined, Add</i>		2.72	
		<i>For Columns >12' In Length, Add</i>		2.81	
03 11 13 00-0074	LF	22" Diameter Round Fiber Tube Formwork.....		29.68	
		<i>For Plastic Lined, Add</i>		2.91	
		<i>For Columns >12' In Length, Add</i>		2.97	
03 11 13 00-0075	LF	24" Diameter Round Fiber Tube Formwork.....		31.25	
		<i>For Plastic Lined, Add</i>		3.09	
		<i>For Columns >12' In Length, Add</i>		3.13	
03 11 13 00-0076	LF	26" Diameter Round Fiber Tube Formwork.....		32.37	
		<i>For Plastic Lined, Add</i>		3.32	
		<i>For Columns >12' In Length, Add</i>		3.24	
03 11 13 00-0077	LF	28" Diameter Round Fiber Tube Formwork.....		33.59	
		<i>For Plastic Lined, Add</i>		3.57	
		<i>For Columns >12' In Length, Add</i>		3.36	
03 11 13 00-0078	LF	30" Diameter Round Fiber Tube Formwork.....		34.95	
		<i>For Plastic Lined, Add</i>		3.86	
		<i>For Columns >12' In Length, Add</i>		3.50	
03 11 13 00-0079	LF	36" Diameter Round Fiber Tube Formwork.....		39.63	
		<i>For Plastic Lined, Add</i>		4.85	
		<i>For Columns >12' In Length, Add</i>		3.96	
03 11 13 00-0080	LF	42" Diameter Round Fiber Tube Formwork.....		48.86	
		<i>For Plastic Lined, Add</i>		7.32	
		<i>For Columns >12' In Length, Add</i>		4.89	
03 11 13 00-0081	LF	48" Diameter Round Fiber Tube Formwork.....		58.06	
		<i>For Plastic Lined, Add</i>		9.79	
		<i>For Columns >12' In Length, Add</i>		5.81	
03 11 13 00-0082	Accessories For Formwork (03 11 13)				
03 11 13 00-0083	Keyway Forms, All Materials (03 11 13 00-0082)				
03 11 13 00-0084	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials.....		1.59	
03 11 13 00-0085	Chamfer Strips, All Materials (03 11 13 00-0082)				

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 11 13 00-0086	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.67
03 11 13 00-0087	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials.....	1.95
03 11 13 00-0088	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials.....	2.25

03 11 13 00-0089 Strip Out Reglets For Concrete Formwork (03 11 13 00-0082)

03 11 13 00-0090	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork.....	7.91
------------------	----	---	------

03 11 13 00-0091 Sleeves And Chases, Plastic Or Sheet Metal (03 11 13 00-0082)

03 11 13 00-0092	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	9.17
03 11 13 00-0093	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	10.93
03 11 13 00-0094	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	13.20
03 11 13 00-0095	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	14.69
03 11 13 00-0096	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	18.84
03 11 13 00-0097	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	38.83

03 11 16 Architectural Cast-In-Place Concrete Forming (03 11)**03 11 16 00-0001 Concrete Form Liners (03 11 16)**

03 11 16 00-0002	SF	Concrete Form Liner, Various Patterns And Textures, Add To Formwork.....	4.30
------------------	----	--	------

03 11 23 Permanent Stair Forming (03 11)**03 11 23 00-0001 Stairway Wood Formwork (03 11 23)**

03 11 23 00-0002	SF	Cast On Grade Stairway Wood Formwork.....	13.58
		<i>For Curved Formwork, Add</i>	5.22
		<i>For <1,000, Add</i>	2.65
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork.....	26.71
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.	
		<i>For Curved Formwork, Add</i>	10.14
		<i>For <1,000, Add</i>	5.16

03 11 23 00-0004 Stairway Metal Framed Formwork (03 11 23)

03 11 23 00-0005	SF	Cast On Grade Stairway Metal Framed Formwork.....	10.92
		<i>For Curved Formwork, Add</i>	4.22
		<i>For <1,000, Add</i>	2.14
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork.....	20.33
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.	
		<i>For Curved Formwork, Add</i>	7.85
		<i>For <1,000, Add</i>	3.97

03 15 Concrete Accessories (03 10)**03 15 13 Waterstops (03 15)****03 15 13 13 Non-Expanding Waterstops (03 15 13)****03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)**

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	5.92
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	6.58
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	7.73
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	8.39
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	11.74
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	6.05
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	7.71
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop.....	12.67
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	10.37

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

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop.....	7.41
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....	8.63
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	8.08
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	11.43
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	9.11
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	11.99

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

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop.....	5.09
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop.....	7.55
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop.....	8.42
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop.....	9.39

03 15 16 Concrete Construction Joints (03 15)**03 15 16 00-0001 Poured Expansion Joint (03 15 16)**

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

03 15 16 00-0002	LF			1/2" x 1" Plain Asphalt Expansion Joint, Poured..... <i>For Installation In Walls, Add</i>	2.83 1.16	0.70
03 15 16 00-0003	LF			1" x 2" Plain Asphalt Expansion Joint, Poured..... <i>For Installation In Walls, Add</i>	6.30 1.32	0.70
03 15 16 00-0004	LF			1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied <i>For Installation In Walls, Add</i>	2.30 1.16	0.70
03 15 16 00-0005	LF			1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied <i>For Installation In Walls, Add</i>	4.76 1.32	0.70
03 15 16 00-0006	LF			1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts <i>For Installation In Walls, Add</i>	3.15 1.32	0.70
03 15 16 00-0007	LF			1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts..... <i>For Installation In Walls, Add</i>	5.61 2.14	0.70
03 15 16 00-0008	LF			1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied..... <i>For Installation In Walls, Add</i>	1.97 1.16	0.70
03 15 16 00-0009	LF			1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	2.44 1.16	0.70
03 15 16 00-0010	LF			1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	3.37 1.32	0.70

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

03 15 16 00-0013	LF			1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.70	0.79
03 15 16 00-0014	LF			1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	1.92	0.84
03 15 16 00-0015	LF			1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.07	0.87
03 15 16 00-0016	LF			1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.22	0.91
03 15 16 00-0017	LF			3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.83	0.79
03 15 16 00-0018	LF			3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.03	0.84
03 15 16 00-0019	LF			3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.26	0.87
03 15 16 00-0020	LF			3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.60	0.91
03 15 16 00-0021	LF			1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	1.67	0.75
03 15 16 00-0022	LF			1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	1.81	0.79
03 15 16 00-0023	LF			1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	1.98	0.84
03 15 16 00-0024	LF			1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.12	0.87
03 15 16 00-0025	LF			1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	2.29	0.91
03 15 16 00-0026	LF			1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	2.53	0.95
03 15 16 00-0027	LF			1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	2.71	0.99
03 15 16 00-0028	LF			1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	3.02	1.03
03 15 16 00-0029	LF			3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	1.99	0.84
03 15 16 00-0030	LF			3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.26	0.87
03 15 16 00-0031	LF			3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	2.73	0.95
03 15 16 00-0032	SF			1" Asphalt Saturated Fiber, Premolded Expansion Joint	4.64	1.31

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

03 15 16 00-0034	LF			1/2" x 4" Cork, Premolded Expansion Joint	2.75	0.84
03 15 16 00-0035	LF			1/2" x 6" Cork, Premolded Expansion Joint	3.09	0.91
03 15 16 00-0036	LF			1/2" x 8" Cork, Premolded Expansion Joint	3.35	0.95
03 15 16 00-0037	LF			1/2" x 10" Cork, Premolded Expansion Joint	4.59	0.99
03 15 16 00-0038	LF			1/2" x 12" Cork, Premolded Expansion Joint	4.89	1.03
03 15 16 00-0039	SF			1/2" Cork, Premolded Expansion Joint	5.45	1.31
03 15 16 00-0040	SF			3/4" Cork, Premolded Expansion Joint	6.26	1.31
03 15 16 00-0041	SF			1" Cork, Premolded Expansion Joint	6.63	1.31

03 15 16 00-0042 Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0043	LF			1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	1.83	0.84
03 15 16 00-0044	LF			1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	1.91	0.87
03 15 16 00-0045	LF			1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.02	0.91
03 15 16 00-0046	LF			1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.31	0.95
03 15 16 00-0047	LF			1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	1.88	0.84
03 15 16 00-0048	LF			1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	1.97	0.87
03 15 16 00-0049	LF			1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.05	0.91
03 15 16 00-0050	LF			1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	2.24	0.95

03 15 16 00-0051 Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0052	LF			1" Zip Strip, Premolded Expansion Joint	1.85	0.84
03 15 16 00-0053	LF			1-1/2" Zip Strip, Premolded Expansion Joint	2.01	0.87
03 15 16 00-0054	LF			2" Zip Strip, Premolded Expansion Joint	2.23	0.95

03 15 16 00-0055 Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)

03 15 16 00-0056	LF			1/2" x 4" Sponge Rubber, Premolded Expansion Joint	3.64	0.79
03 15 16 00-0057	LF			1/2" x 6" Sponge Rubber, Premolded Expansion Joint	4.37	0.79

03 15 16 00-0058 Asphalt Felt Control Joints Or Bond Breaker (03 15 16)

03 15 16 00-0059	SF			Asphalt Felt Control Joint, 30 LB Felt Bond Breaker.....	0.92	0.59
03 15 16 00-0060	SF			Asphalt Felt Control Joint, 15 LB Felt Bond Breaker.....	0.85	0.59

03 15 16 00-0061 Keyed Cold Expansion And Control Joints (03 15 16)

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 15 16 00-0062	24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)	
03 15 16 00-0063	LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint.....	4.64
03 15 16 00-0064	LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	4.74
03 15 16 00-0065	LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	4.92
03 15 16 00-0066	LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	5.25
03 15 16 00-0067	LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	6.75

03 15 19 Cast-In Concrete Anchors (03 15)

03 15 19 00-0001	Cast In Place Anchors (03 15 19) Note: For cast in place installations. Includes nut and washer.	
03 15 19 00-0002	J-Type Anchor Bolts (03 15 19 00-0001) See CSI section 03 11 13 00-0002 for template.	
03 15 19 00-0003	1/2" And 5/8" Diameter (03 15 19 00-0002)	
03 15 19 00-0004	EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	5.93
	For Galvanized, Add	0.72
	For Stainless Steel, Add	5.01
	For >10 To 50, Deduct	-0.23
	For >50 To 100, Deduct	-0.49
	For >100, Deduct	-0.97
03 15 19 00-0005	EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	6.66
	For Galvanized, Add	0.91
	For Stainless Steel, Add	6.37
	For >10 To 50, Deduct	-0.24
	For >50 To 100, Deduct	-0.53
	For >100, Deduct	-1.06
03 15 19 00-0006	EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	7.76
	For Galvanized, Add	1.26
	For Stainless Steel, Add	8.79
	For >10 To 50, Deduct	-0.26
	For >50 To 100, Deduct	-0.59
	For >100, Deduct	-1.18
03 15 19 00-0007	EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	8.53
	For Galvanized, Add	1.64
	For Stainless Steel, Add	11.48
	For >10 To 50, Deduct	-0.26
	For >50 To 100, Deduct	-0.61
	For >100, Deduct	-1.21
03 15 19 00-0008	EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	10.10
	For Galvanized, Add	2.19
	For Stainless Steel, Add	15.33
	For >10 To 50, Deduct	-0.29
	For >50 To 100, Deduct	-0.68
	For >100, Deduct	-1.36
03 15 19 00-0009	EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	11.30
	For Galvanized, Add	2.51
	For Stainless Steel, Add	17.54
	For >10 To 50, Deduct	-0.31
	For >50 To 100, Deduct	-0.75
	For >100, Deduct	-1.51
03 15 19 00-0010	3/4" And 7/8" Diameter (03 15 19 00-0002)	
03 15 19 00-0011	EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	11.26
	For Galvanized, Add	2.49
	For Stainless Steel, Add	17.40
	For >10 To 50, Deduct	-0.31
	For >50 To 100, Deduct	-0.75
	For >100, Deduct	-1.51
03 15 19 00-0012	EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	12.79
	For Galvanized, Add	2.90
	For Stainless Steel, Add	20.27
	For >10 To 50, Deduct	-0.35
	For >50 To 100, Deduct	-0.84
	For >100, Deduct	-1.69
03 15 19 00-0013	EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	15.29
	For Galvanized, Add	3.71
	For Stainless Steel, Add	25.97
	For >10 To 50, Deduct	-0.39
	For >50 To 100, Deduct	-0.97
	For >100, Deduct	-1.95
03 15 19 00-0014	EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	18.17
	For Galvanized, Add	4.68
	For Stainless Steel, Add	32.73
	For >10 To 50, Deduct	-0.44
	For >50 To 100, Deduct	-1.12
	For >100, Deduct	-2.23
03 15 19 00-0015	EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt.....	14.67
	For Galvanized, Add	3.40
	For Stainless Steel, Add	23.80
	For >10 To 50, Deduct	-0.39
	For >50 To 100, Deduct	-0.96
	For >100, Deduct	-1.91

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

03 15 19 00-0016	EA	7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		17.13	
		<i>For Galvanized, Add</i>		4.07	
		<i>For Stainless Steel, Add</i>		28.49	
		<i>For >10 To 50, Deduct</i>		-0.45	
		<i>For >50 To 100, Deduct</i>		-1.10	
		<i>For >100, Deduct</i>		-2.21	
03 15 19 00-0017	EA	7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		21.34	
		<i>For Galvanized, Add</i>		5.43	
		<i>For Stainless Steel, Add</i>		37.98	
		<i>For >10 To 50, Deduct</i>		-0.52	
		<i>For >50 To 100, Deduct</i>		-1.32	
		<i>For >100, Deduct</i>		-2.64	
03 15 19 00-0018		1" And 1-1/8" Diameter <small>(03 15 19 00-0002)</small>			
03 15 19 00-0019	EA	1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		17.78	
		<i>For Galvanized, Add</i>		4.40	
		<i>For Stainless Steel, Add</i>		30.77	
		<i>For >10 To 50, Deduct</i>		-0.45	
		<i>For >50 To 100, Deduct</i>		-1.12	
		<i>For >100, Deduct</i>		-2.24	
03 15 19 00-0020	EA	1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		21.07	
		<i>For Galvanized, Add</i>		5.29	
		<i>For Stainless Steel, Add</i>		37.03	
		<i>For >10 To 50, Deduct</i>		-0.52	
		<i>For >50 To 100, Deduct</i>		-1.31	
		<i>For >100, Deduct</i>		-2.63	
03 15 19 00-0021	EA	1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		25.84	
		<i>For Galvanized, Add</i>		6.63	
		<i>For Stainless Steel, Add</i>		46.41	
		<i>For >10 To 50, Deduct</i>		-0.63	
		<i>For >50 To 100, Deduct</i>		-1.59	
		<i>For >100, Deduct</i>		-3.18	
03 15 19 00-0022	EA	1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		31.94	
		<i>For Galvanized, Add</i>		8.10	
		<i>For Stainless Steel, Add</i>		56.70	
		<i>For >10 To 50, Deduct</i>		-0.79	
		<i>For >50 To 100, Deduct</i>		-1.98	
		<i>For >100, Deduct</i>		-3.96	
03 15 19 00-0023	EA	1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		20.86	
		<i>For Galvanized, Add</i>		5.50	
		<i>For Stainless Steel, Add</i>		38.47	
		<i>For >10 To 50, Deduct</i>		-0.49	
		<i>For >50 To 100, Deduct</i>		-1.26	
		<i>For >100, Deduct</i>		-2.52	
03 15 19 00-0024	EA	1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		24.74	
		<i>For Galvanized, Add</i>		6.61	
		<i>For Stainless Steel, Add</i>		46.27	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.48	
		<i>For >100, Deduct</i>		-2.97	
03 15 19 00-0025	EA	1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		30.40	
		<i>For Galvanized, Add</i>		8.29	
		<i>For Stainless Steel, Add</i>		58.03	
		<i>For >10 To 50, Deduct</i>		-0.69	
		<i>For >50 To 100, Deduct</i>		-1.80	
		<i>For >100, Deduct</i>		-3.59	
03 15 19 00-0026	EA	1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		37.53	
		<i>For Galvanized, Add</i>		10.13	
		<i>For Stainless Steel, Add</i>		70.88	
		<i>For >10 To 50, Deduct</i>		-0.86	
		<i>For >50 To 100, Deduct</i>		-2.23	
		<i>For >100, Deduct</i>		-4.47	
03 15 19 00-0027		1-1/4" And 1-1/2" Diameter <small>(03 15 19 00-0002)</small>			
03 15 19 00-0028	EA	1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		24.66	
		<i>For Galvanized, Add</i>		6.87	
		<i>For Stainless Steel, Add</i>		48.06	
		<i>For >10 To 50, Deduct</i>		-0.55	
		<i>For >50 To 100, Deduct</i>		-1.44	
		<i>For >100, Deduct</i>		-2.87	
03 15 19 00-0029	EA	1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		29.29	
		<i>For Galvanized, Add</i>		8.27	
		<i>For Stainless Steel, Add</i>		57.86	
		<i>For >10 To 50, Deduct</i>		-0.64	
		<i>For >50 To 100, Deduct</i>		-1.69	
		<i>For >100, Deduct</i>		-3.38	
03 15 19 00-0030	EA	1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		36.04	
		<i>For Galvanized, Add</i>		10.37	
		<i>For Stainless Steel, Add</i>		72.56	
		<i>For >10 To 50, Deduct</i>		-0.77	
		<i>For >50 To 100, Deduct</i>		-2.05	
		<i>For >100, Deduct</i>		-4.10	
03 15 19 00-0031	EA	1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt		44.44	
		<i>For Galvanized, Add</i>		12.66	
		<i>For Stainless Steel, Add</i>		88.59	
		<i>For >10 To 50, Deduct</i>		-0.96	
		<i>For >50 To 100, Deduct</i>		-2.55	
		<i>For >100, Deduct</i>		-5.09	

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

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 15 19 00-0032	EA	1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.43
		<i>For Galvanized, Add</i>	8.59
		<i>For Stainless Steel, Add</i>	60.10
		<i>For >10 To 50, Deduct</i>	-0.61
		<i>For >50 To 100, Deduct</i>	-1.66
		<i>For >100, Deduct</i>	-3.31
03 15 19 00-0033	EA	1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	34.97
		<i>For Galvanized, Add</i>	10.33
		<i>For Stainless Steel, Add</i>	72.31
		<i>For >10 To 50, Deduct</i>	-0.72
		<i>For >50 To 100, Deduct</i>	-1.95
		<i>For >100, Deduct</i>	-3.90
03 15 19 00-0034	EA	1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.08
		<i>For Galvanized, Add</i>	12.96
		<i>For Stainless Steel, Add</i>	90.69
		<i>For >10 To 50, Deduct</i>	-0.86
		<i>For >50 To 100, Deduct</i>	-2.36
		<i>For >100, Deduct</i>	-4.73
03 15 19 00-0035	EA	1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	53.09
		<i>For Galvanized, Add</i>	15.82
		<i>For Stainless Steel, Add</i>	110.74
		<i>For >10 To 50, Deduct</i>	-1.07
		<i>For >50 To 100, Deduct</i>	-2.94
		<i>For >100, Deduct</i>	-5.87
03 15 19 00-0036		L-Type Anchor Bolts <small>(03 15 19 00-0001)</small>	
		See CSI section 03 11 13 00-0002 for template.	
03 15 19 00-0037		3/4" And 7/8" Diameter <small>(03 15 19 00-0036)</small>	
03 15 19 00-0038	EA	3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	10.80
		<i>For Galvanized, Add</i>	1.90
		<i>For Stainless Steel, Add</i>	13.30
		<i>For >10 To 50, Deduct</i>	-0.35
		<i>For >50 To 100, Deduct</i>	-0.80
		<i>For >100, Deduct</i>	-1.59
03 15 19 00-0039	EA	3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	12.56
		<i>For Galvanized, Add</i>	2.35
		<i>For Stainless Steel, Add</i>	16.42
		<i>For >10 To 50, Deduct</i>	-0.39
		<i>For >50 To 100, Deduct</i>	-0.90
		<i>For >100, Deduct</i>	-1.81
03 15 19 00-0040	EA	3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	14.37
		<i>For Galvanized, Add</i>	2.69
		<i>For Stainless Steel, Add</i>	18.83
		<i>For >10 To 50, Deduct</i>	-0.45
		<i>For >50 To 100, Deduct</i>	-1.03
		<i>For >100, Deduct</i>	-2.07
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.08
		<i>For Galvanized, Add</i>	2.80
		<i>For Stainless Steel, Add</i>	19.57
		<i>For >10 To 50, Deduct</i>	-0.52
		<i>For >50 To 100, Deduct</i>	-1.19
		<i>For >100, Deduct</i>	-2.38
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	18.45
		<i>For Galvanized, Add</i>	2.94
		<i>For Stainless Steel, Add</i>	20.55
		<i>For >10 To 50, Deduct</i>	-0.63
		<i>For >50 To 100, Deduct</i>	-1.40
		<i>For >100, Deduct</i>	-2.81
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	12.58
		<i>For Galvanized, Add</i>	2.36
		<i>For Stainless Steel, Add</i>	16.49
		<i>For >10 To 50, Deduct</i>	-0.39
		<i>For >50 To 100, Deduct</i>	-0.90
		<i>For >100, Deduct</i>	-1.81
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	14.48
		<i>For Galvanized, Add</i>	2.75
		<i>For Stainless Steel, Add</i>	19.22
		<i>For >10 To 50, Deduct</i>	-0.45
		<i>For >50 To 100, Deduct</i>	-1.04
		<i>For >100, Deduct</i>	-2.07
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	16.78
		<i>For Galvanized, Add</i>	3.15
		<i>For Stainless Steel, Add</i>	22.02
		<i>For >10 To 50, Deduct</i>	-0.52
		<i>For >50 To 100, Deduct</i>	-1.21
		<i>For >100, Deduct</i>	-2.41
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	19.12
		<i>For Galvanized, Add</i>	3.27
		<i>For Stainless Steel, Add</i>	22.89
		<i>For >10 To 50, Deduct</i>	-0.63
		<i>For >50 To 100, Deduct</i>	-1.42
		<i>For >100, Deduct</i>	-2.84
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	22.61
		<i>For Galvanized, Add</i>	3.44
		<i>For Stainless Steel, Add</i>	24.05
		<i>For >10 To 50, Deduct</i>	-0.79
		<i>For >50 To 100, Deduct</i>	-1.75
		<i>For >100, Deduct</i>	-3.49

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0048			1" And 1-1/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0049	EA		1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	15.03	
			For Galvanized, Add	3.02	
			For Stainless Steel, Add	21.14	
			For >10 To 50, Deduct	-0.45	
			For >50 To 100, Deduct	-1.05	
			For >100, Deduct	-2.10	
03 15 19 00-0050	EA		1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	17.29	
			For Galvanized, Add	3.40	
			For Stainless Steel, Add	23.80	
			For >10 To 50, Deduct	-0.52	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.44	
03 15 19 00-0051	EA		1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	20.18	
			For Galvanized, Add	3.80	
			For Stainless Steel, Add	26.60	
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.90	
03 15 19 00-0052	EA		1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	21.64	
			For Galvanized, Add	3.98	
			For Stainless Steel, Add	27.86	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.57	
			For >100, Deduct	-3.13	
03 15 19 00-0053	EA		1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	24.07	
			For Galvanized, Add	4.17	
			For Stainless Steel, Add	29.16	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.78	
			For >100, Deduct	-3.56	
03 15 19 00-0054	EA		1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	27.15	
			For Galvanized, Add	4.83	
			For Stainless Steel, Add	33.81	
			For >10 To 50, Deduct	-0.87	
			For >50 To 100, Deduct	-1.99	
			For >100, Deduct	-3.98	
03 15 19 00-0055	EA		1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	32.28	
			For Galvanized, Add	5.65	
			For Stainless Steel, Add	39.55	
			For >10 To 50, Deduct	-1.05	
			For >50 To 100, Deduct	-2.38	
			For >100, Deduct	-4.76	
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	18.44	
			For Galvanized, Add	3.98	
			For Stainless Steel, Add	27.83	
			For >10 To 50, Deduct	-0.52	
			For >50 To 100, Deduct	-1.25	
			For >100, Deduct	-2.50	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	21.48	
			For Galvanized, Add	4.45	
			For Stainless Steel, Add	31.15	
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.48	
			For >100, Deduct	-2.96	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	22.99	
			For Galvanized, Add	4.66	
			For Stainless Steel, Add	32.59	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.60	
			For >100, Deduct	-3.20	
03 15 19 00-0059			1-1/4" And 1-3/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	22.19	
			For Galvanized, Add	4.81	
			For Stainless Steel, Add	33.64	
			For >10 To 50, Deduct	-0.63	
			For >50 To 100, Deduct	-1.50	
			For >100, Deduct	-3.00	
03 15 19 00-0061	EA		1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	26.99	
			For Galvanized, Add	5.63	
			For Stainless Steel, Add	39.38	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.86	
			For >100, Deduct	-3.71	
03 15 19 00-0062	EA		1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	29.30	
			For Galvanized, Add	6.37	
			For Stainless Steel, Add	44.59	
			For >10 To 50, Deduct	-0.83	
			For >50 To 100, Deduct	-1.97	
			For >100, Deduct	-3.95	
03 15 19 00-0063	EA		1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	31.88	
			For Galvanized, Add	7.20	
			For Stainless Steel, Add	50.37	
			For >10 To 50, Deduct	-0.87	
			For >50 To 100, Deduct	-2.11	
			For >100, Deduct	-4.22	

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

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 15 19 00-0064	EA	1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.32	
		For Galvanized, Add	7.83	
		For Stainless Steel, Add	54.78	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.36	
		For >100, Deduct	-4.72	
03 15 19 00-0065	EA	1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.24	
		For Galvanized, Add	8.38	
		For Stainless Steel, Add	58.66	
		For >10 To 50, Deduct	-1.12	
		For >50 To 100, Deduct	-2.67	
		For >100, Deduct	-5.33	
03 15 19 00-0066	EA	1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	44.17	
		For Galvanized, Add	8.97	
		For Stainless Steel, Add	62.79	
		For >10 To 50, Deduct	-1.31	
		For >50 To 100, Deduct	-3.07	
		For >100, Deduct	-6.14	
03 15 19 00-0067	EA	1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	51.30	
		For Galvanized, Add	9.92	
		For Stainless Steel, Add	69.41	
		For >10 To 50, Deduct	-1.57	
		For >50 To 100, Deduct	-3.64	
		For >100, Deduct	-7.29	
03 15 19 00-0068	EA	1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	24.60	
		For Galvanized, Add	6.01	
		For Stainless Steel, Add	42.07	
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.56	
		For >100, Deduct	-3.12	
03 15 19 00-0069	EA	1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	29.80	
		For Galvanized, Add	7.03	
		For Stainless Steel, Add	49.21	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.93	
		For >100, Deduct	-3.85	
03 15 19 00-0070	EA	1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	32.48	
		For Galvanized, Add	7.96	
		For Stainless Steel, Add	55.72	
		For >10 To 50, Deduct	-0.83	
		For >50 To 100, Deduct	-2.05	
		For >100, Deduct	-4.11	
03 15 19 00-0071	EA	1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	35.47	
		For Galvanized, Add	8.99	
		For Stainless Steel, Add	62.93	
		For >10 To 50, Deduct	-0.87	
		For >50 To 100, Deduct	-2.20	
		For >100, Deduct	-4.40	
03 15 19 00-0072	EA	1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.23	
		For Galvanized, Add	9.78	
		For Stainless Steel, Add	68.46	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.46	
		For >100, Deduct	-4.91	
03 15 19 00-0073	EA	1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	43.43	
		For Galvanized, Add	10.48	
		For Stainless Steel, Add	73.33	
		For >10 To 50, Deduct	-1.12	
		For >50 To 100, Deduct	-2.77	
		For >100, Deduct	-5.54	
03 15 19 00-0074	EA	1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.83	
		For Galvanized, Add	11.30	
		For Stainless Steel, Add	79.10	
		For >10 To 50, Deduct	-1.31	
		For >50 To 100, Deduct	-3.19	
		For >100, Deduct	-6.38	
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.26	
		For Galvanized, Add	12.40	
		For Stainless Steel, Add	86.77	
		For >10 To 50, Deduct	-1.57	
		For >50 To 100, Deduct	-3.77	
		For >100, Deduct	-7.53	
03 15 19 00-0076		1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)	30.97	
03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	30.97	
		For Galvanized, Add	8.33	
		For Stainless Steel, Add	58.31	
		For >10 To 50, Deduct	-0.72	
		For >50 To 100, Deduct	-1.85	
		For >100, Deduct	-3.70	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.03	
		For Galvanized, Add	8.74	
		For Stainless Steel, Add	61.15	
		For >10 To 50, Deduct	-0.83	
		For >50 To 100, Deduct	-2.09	
		For >100, Deduct	-4.19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0079	EA			1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	37.73	
				For Galvanized, Add	9.61	
				For Stainless Steel, Add	67.27	
				For >10 To 50, Deduct	-0.93	
				For >50 To 100, Deduct	-2.33	
				For >100, Deduct	-4.66	
03 15 19 00-0080	EA			1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	40.67	
				For Galvanized, Add	10.50	
				For Stainless Steel, Add	73.50	
				For >10 To 50, Deduct	-0.98	
				For >50 To 100, Deduct	-2.49	
				For >100, Deduct	-4.98	
03 15 19 00-0081	EA			1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.76	
				For Galvanized, Add	11.39	
				For Stainless Steel, Add	79.73	
				For >10 To 50, Deduct	-1.05	
				For >50 To 100, Deduct	-2.67	
				For >100, Deduct	-5.34	
03 15 19 00-0082	EA			1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	48.71	
				For Galvanized, Add	12.25	
				For Stainless Steel, Add	85.75	
				For >10 To 50, Deduct	-1.21	
				For >50 To 100, Deduct	-3.03	
				For >100, Deduct	-6.07	
03 15 19 00-0083	EA			1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	55.11	
				For Galvanized, Add	13.25	
				For Stainless Steel, Add	92.75	
				For >10 To 50, Deduct	-1.43	
				For >50 To 100, Deduct	-3.52	
				For >100, Deduct	-7.05	
03 15 19 00-0084	EA			1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	64.36	
				For Galvanized, Add	14.70	
				For Stainless Steel, Add	102.87	
				For >10 To 50, Deduct	-1.75	
				For >50 To 100, Deduct	-4.23	
				For >100, Deduct	-8.46	
03 15 19 00-0085	EA			1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	40.80	
				For Galvanized, Add	12.53	
				For Stainless Steel, Add	87.71	
				For >10 To 50, Deduct	-0.79	
				For >50 To 100, Deduct	-2.20	
				For >100, Deduct	-4.40	
03 15 19 00-0086	EA			1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	43.10	
				For Galvanized, Add	12.81	
				For Stainless Steel, Add	89.64	
				For >10 To 50, Deduct	-0.87	
				For >50 To 100, Deduct	-2.39	
				For >100, Deduct	-4.78	
03 15 19 00-0087	EA			1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	44.53	
				For Galvanized, Add	13.01	
				For Stainless Steel, Add	91.07	
				For >10 To 50, Deduct	-0.93	
				For >50 To 100, Deduct	-2.50	
				For >100, Deduct	-5.00	
03 15 19 00-0088	EA			1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	49.72	
				For Galvanized, Add	15.03	
				For Stainless Steel, Add	105.18	
				For >10 To 50, Deduct	-0.98	
				For >50 To 100, Deduct	-2.72	
				For >100, Deduct	-5.44	
03 15 19 00-0089	EA			1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	57.17	
				For Galvanized, Add	17.35	
				For Stainless Steel, Add	121.42	
				For >10 To 50, Deduct	-1.12	
				For >50 To 100, Deduct	-3.12	
				For >100, Deduct	-6.23	
03 15 19 00-0090	EA			1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	61.38	
				For Galvanized, Add	17.58	
				For Stainless Steel, Add	123.03	
				For >10 To 50, Deduct	-1.31	
				For >50 To 100, Deduct	-3.50	
				For >100, Deduct	-7.00	
03 15 19 00-0091	EA			1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	69.42	
				For Galvanized, Add	18.98	
				For Stainless Steel, Add	132.83	
				For >10 To 50, Deduct	-1.57	
				For >50 To 100, Deduct	-4.10	
				For >100, Deduct	-8.19	
03 15 19 00-0092	EA			1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	80.21	
				For Galvanized, Add	20.44	
				For Stainless Steel, Add	143.08	
				For >10 To 50, Deduct	-1.97	
				For >50 To 100, Deduct	-4.96	
				For >100, Deduct	-9.91	
03 15 19 00-0093	EA			2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	56.66	
				For Galvanized, Add	19.08	
				For Stainless Steel, Add	133.53	
				For >10 To 50, Deduct	-0.93	
				For >50 To 100, Deduct	-2.80	
				For >100, Deduct	-5.61	

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

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	62.22	
		<i>For Galvanized, Add</i>	20.62	
		<i>For Stainless Steel, Add</i>	144.34	
		<i>For >10 To 50, Deduct</i>	-1.05	
		<i>For >50 To 100, Deduct</i>	-3.13	
		<i>For >100, Deduct</i>	-6.26	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	69.17	
		<i>For Galvanized, Add</i>	22.48	
		<i>For Stainless Steel, Add</i>	157.36	
		<i>For >10 To 50, Deduct</i>	-1.21	
		<i>For >50 To 100, Deduct</i>	-3.55	
		<i>For >100, Deduct</i>	-7.09	
03 15 19 00-0096	EA	2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	76.22	
		<i>For Galvanized, Add</i>	23.81	
		<i>For Stainless Steel, Add</i>	166.64	
		<i>For >10 To 50, Deduct</i>	-1.43	
		<i>For >50 To 100, Deduct</i>	-4.05	
		<i>For >100, Deduct</i>	-8.10	
03 15 19 00-0097	EA	2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	82.63	
		<i>For Galvanized, Add</i>	25.58	
		<i>For Stainless Steel, Add</i>	179.06	
		<i>For >10 To 50, Deduct</i>	-1.57	
		<i>For >50 To 100, Deduct</i>	-4.43	
		<i>For >100, Deduct</i>	-8.85	
03 15 19 00-0098	EA	2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	89.60	
		<i>For Galvanized, Add</i>	27.32	
		<i>For Stainless Steel, Add</i>	191.21	
		<i>For >10 To 50, Deduct</i>	-1.75	
		<i>For >50 To 100, Deduct</i>	-4.86	
		<i>For >100, Deduct</i>	-9.73	
03 15 19 00-0099	EA	2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	103.63	
		<i>For Galvanized, Add</i>	29.34	
		<i>For Stainless Steel, Add</i>	205.35	
		<i>For >10 To 50, Deduct</i>	-2.25	
		<i>For >50 To 100, Deduct</i>	-5.96	
		<i>For >100, Deduct</i>	-11.93	
03 15 19 00-0100	EA	2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	109.46	
		<i>For Galvanized, Add</i>	32.25	
		<i>For Stainless Steel, Add</i>	225.75	
		<i>For >10 To 50, Deduct</i>	-2.25	
		<i>For >50 To 100, Deduct</i>	-6.11	
		<i>For >100, Deduct</i>	-12.22	
03 15 19 00-0101	EA	2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	124.15	
		<i>For Galvanized, Add</i>	35.85	
		<i>For Stainless Steel, Add</i>	250.95	
		<i>For >10 To 50, Deduct</i>	-2.62	
		<i>For >50 To 100, Deduct</i>	-7.04	
		<i>For >100, Deduct</i>	-14.08	

03 15 19 00-0102 2-1/2" And 2-3/4" Diameter (03 15 19 00-0036)

03 15 19 00-0103	EA	2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	103.27	
		<i>For Galvanized, Add</i>	42.38	
		<i>For Stainless Steel, Add</i>	296.66	
		<i>For >10 To 50, Deduct</i>	-0.93	
		<i>For >50 To 100, Deduct</i>	-3.97	
		<i>For >100, Deduct</i>	-7.94	
03 15 19 00-0104	EA	2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	109.58	
		<i>For Galvanized, Add</i>	44.30	
		<i>For Stainless Steel, Add</i>	310.10	
		<i>For >10 To 50, Deduct</i>	-1.05	
		<i>For >50 To 100, Deduct</i>	-4.31	
		<i>For >100, Deduct</i>	-8.63	
03 15 19 00-0105	EA	2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	120.29	
		<i>For Galvanized, Add</i>	48.04	
		<i>For Stainless Steel, Add</i>	336.28	
		<i>For >10 To 50, Deduct</i>	-1.21	
		<i>For >50 To 100, Deduct</i>	-4.82	
		<i>For >100, Deduct</i>	-9.65	
03 15 19 00-0106	EA	2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	129.87	
		<i>For Galvanized, Add</i>	50.63	
		<i>For Stainless Steel, Add</i>	354.41	
		<i>For >10 To 50, Deduct</i>	-1.43	
		<i>For >50 To 100, Deduct</i>	-5.39	
		<i>For >100, Deduct</i>	-10.79	
03 15 19 00-0107	EA	2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	138.15	
		<i>For Galvanized, Add</i>	53.34	
		<i>For Stainless Steel, Add</i>	373.38	
		<i>For >10 To 50, Deduct</i>	-1.57	
		<i>For >50 To 100, Deduct</i>	-5.81	
		<i>For >100, Deduct</i>	-11.63	
03 15 19 00-0108	EA	2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	147.73	
		<i>For Galvanized, Add</i>	56.38	
		<i>For Stainless Steel, Add</i>	394.66	
		<i>For >10 To 50, Deduct</i>	-1.75	
		<i>For >50 To 100, Deduct</i>	-6.32	
		<i>For >100, Deduct</i>	-12.63	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0109	EA			2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	163.95	
				For Galvanized, Add	59.50	
				For Stainless Steel, Add	416.47	
				For >10 To 50, Deduct	-2.25	
				For >50 To 100, Deduct	-7.47	
				For >100, Deduct	-14.94	
03 15 19 00-0110	EA			2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	115.62	
				For Galvanized, Add	47.98	
				For Stainless Steel, Add	335.83	
				For >10 To 50, Deduct	-0.98	
				For >50 To 100, Deduct	-4.37	
				For >100, Deduct	-8.73	
03 15 19 00-0111	EA			2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	125.12	
				For Galvanized, Add	51.32	
				For Stainless Steel, Add	359.24	
				For >10 To 50, Deduct	-1.12	
				For >50 To 100, Deduct	-4.81	
				For >100, Deduct	-9.63	
03 15 19 00-0112	EA			2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	135.62	
				For Galvanized, Add	54.70	
				For Stainless Steel, Add	382.87	
				For >10 To 50, Deduct	-1.31	
				For >50 To 100, Deduct	-5.36	
				For >100, Deduct	-10.72	
03 15 19 00-0113	EA			2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	146.94	
				For Galvanized, Add	57.74	
				For Stainless Steel, Add	404.15	
				For >10 To 50, Deduct	-1.57	
				For >50 To 100, Deduct	-6.03	
				For >100, Deduct	-12.07	
03 15 19 00-0114	EA			2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	157.09	
				For Galvanized, Add	61.06	
				For Stainless Steel, Add	427.42	
				For >10 To 50, Deduct	-1.75	
				For >50 To 100, Deduct	-6.55	
				For >100, Deduct	-13.10	
03 15 19 00-0115	EA			2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	170.88	
				For Galvanized, Add	65.78	
				For Stainless Steel, Add	460.43	
				For >10 To 50, Deduct	-1.97	
				For >50 To 100, Deduct	-7.22	
				For >100, Deduct	-14.44	
03 15 19 00-0116	EA			2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	191.23	
				For Galvanized, Add	69.39	
				For Stainless Steel, Add	485.73	
				For >10 To 50, Deduct	-2.62	
				For >50 To 100, Deduct	-8.71	
				For >100, Deduct	-17.43	

03 20 Concrete Reinforcing ⁽⁰³⁾

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

03 21 Reinforcement Bars ^(03 20)

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

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

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

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

03 21 11 00-0002	LF	#3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.49
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.82
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.22
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.65
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.50
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.83
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.24
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.69
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.51
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.86
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.28
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.74
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.25
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.79
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.39
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.12
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.87
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.69
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	11.33
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	1.79
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.32
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.88
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.51
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	4.26
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	5.05
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	6.94
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	11.79

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	0.52
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	0.87
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.30
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	1.77
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	2.30
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	2.85
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	3.48
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	4.23
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	5.00
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	6.88
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar.....	11.68

03 21 11 00-0040

Columns, Steel Reinforcement Bar (03 21 11)

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

03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar.....	0.51
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar.....	0.87
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar.....	1.29
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar.....	1.75
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar.....	0.52
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar.....	0.88
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar.....	1.31
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar.....	1.79
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar.....	0.53
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar.....	0.91
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar.....	1.35
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar.....	1.84
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar.....	2.38
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar.....	2.93
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar.....	3.56
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar.....	4.31
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar.....	5.08
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar.....	6.98
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar.....	11.77
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar.....	1.89
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar.....	2.45
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar.....	3.02
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar.....	3.68
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar.....	4.45
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar.....	5.26
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar.....	7.23
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar.....	12.23
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	0.54
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	0.92
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.37
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.87
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.43
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.99
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.65
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	4.42
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.21
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	7.17
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	12.12

03 21 11 00-0079

Footings, Steel Reinforcement Bar (03 21 11)

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

03 21 11 00-0080	LF	#3, Grade 40, Footings, Steel Reinforcement Bar.....	0.44
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar.....	0.74
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar.....	1.11
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar.....	1.51
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar.....	0.45
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar.....	0.75
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar.....	1.13
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar.....	1.55
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar.....	0.46
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar.....	0.78
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar.....	1.17
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar.....	1.60
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar.....	2.06
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar.....	2.57
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar.....	3.14
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar.....	3.83
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar.....	4.54
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar.....	6.27
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar.....	10.66
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar.....	1.65
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar.....	2.13
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar.....	2.66
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar.....	3.26
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar.....	3.97
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar.....	4.72
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar.....	6.52
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar.....	11.12
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	0.47

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

03 21 11 00-0108	LF	#4,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	0.79	
03 21 11 00-0109	LF	#5,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	1.19	
03 21 11 00-0110	LF	#6,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	1.63	
03 21 11 00-0111	LF	#7,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	2.11	
03 21 11 00-0112	LF	#8,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	2.63	
03 21 11 00-0113	LF	#9,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	3.23	
03 21 11 00-0114	LF	#10,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	3.94	
03 21 11 00-0115	LF	#11,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	4.67	
03 21 11 00-0116	LF	#14,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	6.46	
03 21 11 00-0117	LF	#18,	Grade 60, Footings, Low Alloy Steel Reinforcement Bar.....	11.01	

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

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

03 21 11 00-0119	LF	#3,	Grade 40, Slab On Grade, Steel Reinforcement Bar.....	0.42	
03 21 11 00-0120	LF	#4,	Grade 40, Slab On Grade, Steel Reinforcement Bar.....	0.72	
03 21 11 00-0121	LF	#5,	Grade 40, Slab On Grade, Steel Reinforcement Bar.....	1.07	
03 21 11 00-0122	LF	#6,	Grade 40, Slab On Grade, Steel Reinforcement Bar.....	1.46	
03 21 11 00-0123	LF	#3,	Grade 50, Slab On Grade, Steel Reinforcement Bar.....	0.43	
03 21 11 00-0124	LF	#4,	Grade 50, Slab On Grade, Steel Reinforcement Bar.....	0.73	
03 21 11 00-0125	LF	#5,	Grade 50, Slab On Grade, Steel Reinforcement Bar.....	1.09	
03 21 11 00-0126	LF	#6,	Grade 50, Slab On Grade, Steel Reinforcement Bar.....	1.50	
03 21 11 00-0127	LF	#3,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	0.44	
03 21 11 00-0128	LF	#4,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	0.76	
03 21 11 00-0129	LF	#5,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.13	
03 21 11 00-0130	LF	#6,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.55	
03 21 11 00-0131	LF	#7,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.01	
03 21 11 00-0132	LF	#8,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.49	
03 21 11 00-0133	LF	#9,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	3.06	
03 21 11 00-0134	LF	#10,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	3.73	
03 21 11 00-0135	LF	#11,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	4.44	
03 21 11 00-0136	LF	#14,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	6.12	
03 21 11 00-0137	LF	#18,	Grade 60, Slab On Grade, Steel Reinforcement Bar.....	10.42	
03 21 11 00-0138	LF	#6,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	1.60	
03 21 11 00-0139	LF	#7,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.08	
03 21 11 00-0140	LF	#8,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.58	
03 21 11 00-0141	LF	#9,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	3.18	
03 21 11 00-0142	LF	#10,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	3.87	
03 21 11 00-0143	LF	#11,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	4.62	
03 21 11 00-0144	LF	#14,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	6.37	
03 21 11 00-0145	LF	#18,	Grade 75, Slab On Grade, Steel Reinforcement Bar.....	10.88	
03 21 11 00-0146	LF	#3,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	0.45	
03 21 11 00-0147	LF	#4,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	0.77	
03 21 11 00-0148	LF	#5,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	1.15	
03 21 11 00-0149	LF	#6,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	1.58	
03 21 11 00-0150	LF	#7,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	2.06	
03 21 11 00-0151	LF	#8,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	2.55	
03 21 11 00-0152	LF	#9,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	3.15	
03 21 11 00-0153	LF	#10,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	3.84	
03 21 11 00-0154	LF	#11,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	4.57	
03 21 11 00-0155	LF	#14,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	6.31	
03 21 11 00-0156	LF	#18,	Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	10.77	

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

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

03 21 11 00-0158	LF	#3,	Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.39	
03 21 11 00-0159	LF	#4,	Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.66	
03 21 11 00-0160	LF	#5,	Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	0.99	
03 21 11 00-0161	LF	#6,	Grade 40, Elevated Slabs, Steel Reinforcement Bar.....	1.36	
03 21 11 00-0162	LF	#3,	Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.40	
03 21 11 00-0163	LF	#4,	Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	0.67	
03 21 11 00-0164	LF	#5,	Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.01	
03 21 11 00-0165	LF	#6,	Grade 50, Elevated Slabs, Steel Reinforcement Bar.....	1.40	
03 21 11 00-0166	LF	#3,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.41	
03 21 11 00-0167	LF	#4,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	0.70	
03 21 11 00-0168	LF	#5,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.05	
03 21 11 00-0169	LF	#6,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.45	
03 21 11 00-0170	LF	#7,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	1.88	
03 21 11 00-0171	LF	#8,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.34	
03 21 11 00-0172	LF	#9,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.88	
03 21 11 00-0173	LF	#10,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	3.54	
03 21 11 00-0174	LF	#11,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	4.21	
03 21 11 00-0175	LF	#14,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	5.84	
03 21 11 00-0176	LF	#18,	Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	9.98	
03 21 11 00-0177	LF	#6,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	1.50	
03 21 11 00-0178	LF	#7,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	1.95	
03 21 11 00-0179	LF	#8,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	2.43	
03 21 11 00-0180	LF	#9,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	3.00	
03 21 11 00-0181	LF	#10,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	3.68	
03 21 11 00-0182	LF	#11,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	4.39	
03 21 11 00-0183	LF	#14,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	6.09	
03 21 11 00-0184	LF	#18,	Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	10.44	
03 21 11 00-0185	LF	#3,	Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.42	
03 21 11 00-0186	LF	#4,	Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.71	

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.07
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.48
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	1.93
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.40
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	2.97
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	3.65
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	4.34
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.03
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	10.33

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

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

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.37
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.64
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	0.95
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.31
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.38
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.65
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	0.97
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.35
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.39
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.68
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.01
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.40
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	1.82
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	2.28
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	2.80
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	3.44
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	4.11
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	5.71
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	9.76
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	1.45
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	1.89
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	2.37
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	2.92
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	3.58
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	4.29
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	5.96
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	10.22
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.40
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	0.69
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.03
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.43
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	1.87
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.34
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	2.89
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	3.55
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	4.24
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	5.90
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	10.11

03 21 11 00-0235 Mechanical Joint Connection (03 21 11)

03 21 11 00-0236 Thermal Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0237	EA	Thermal Type Mechanical Joint Connection, Add Per Splice	153.42
------------------	----	--	--------

03 21 11 00-0238 Screwed Type Mechanical Joint Connection (03 21 11 00-0235)

03 21 11 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	84.78
------------------	----	--	-------

03 21 11 00-0240 Deformed Straight Dowels (03 21 11)

03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	1.97
		<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	1.89
		<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	1.82
		<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.17
		<i>For Up To 12" Length, Deduct</i>	-0.23
		<i>For >12" To <24" Length, Deduct</i>	-0.12
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	2.34
		<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.13
		<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.06
		<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.45
		<i>For Up To 12" Length, Deduct</i>	-0.30
		<i>For >12" To <24" Length, Deduct</i>	-0.15
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	2.86
		<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.24
		<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.16
		<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.57
		<i>For Up To 12" Length, Deduct</i>	-0.48
		<i>For >12" To <24" Length, Deduct</i>	-0.24

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

03 21 11 00-0244	EA			3/4" Diameter x 24" Long, Deformed Straight Dowel	3.50	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.37	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.28	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.72	
				<i>For Up To 12" Length, Deduct</i>	-0.70	
				<i>For >12" To <24" Length, Deduct</i>	-0.35	
03 21 11 00-0245	EA			7/8" Diameter x 24" Long, Deformed Straight Dowel	4.13	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.30	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.22	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	2.65	
				<i>For Up To 12" Length, Deduct</i>	-0.97	
				<i>For >12" To <24" Length, Deduct</i>	-0.48	
03 21 11 00-0246	EA			1" Diameter x 24" Long, Deformed Straight Dowel	5.21	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	2.82	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.72	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	3.25	
				<i>For Up To 12" Length, Deduct</i>	-1.24	
				<i>For >12" To <24" Length, Deduct</i>	-0.62	
03 21 11 00-0247	EA			1-1/8" Diameter x 24" Long, Deformed Straight Dowel	6.15	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	3.10	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	2.98	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	3.56	
				<i>For Up To 12" Length, Deduct</i>	-1.53	
				<i>For >12" To <24" Length, Deduct</i>	-0.77	
03 21 11 00-0248	EA			1-1/4" Diameter x 24" Long, Deformed Straight Dowel	7.53	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	3.37	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	3.24	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	3.88	
				<i>For Up To 12" Length, Deduct</i>	-2.00	
				<i>For >12" To <24" Length, Deduct</i>	-1.00	
03 21 11 00-0249	EA			1-3/8" Diameter x 24" Long, Deformed Straight Dowel	8.95	
				<i>For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth</i>	3.68	
				<i>For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth</i>	3.54	
				<i>For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth</i>	4.24	
				<i>For Up To 12" Length, Deduct</i>	-2.47	
				<i>For >12" To <24" Length, Deduct</i>	-1.24	

03 21 11 00-0250 Spirals, Reinforcing Steel (0321 11)

03 21 11 00-0251	TON			Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,508.71	
				<i>For Grade 75, Add</i>	161.98	
03 21 11 00-0252	TON			>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,476.33	
				<i>For Grade 75, Add</i>	161.98	
03 21 11 00-0253	TON			>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,476.33	
				<i>For Grade 75, Add</i>	161.98	
03 21 11 00-0254	TON			>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,411.25	
				<i>For Grade 75, Add</i>	161.98	
03 21 11 00-0255	TON			>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,356.65	
				<i>For Grade 75, Add</i>	161.98	
03 21 11 00-0256	TON			>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,355.75	
				<i>For Grade 75, Add</i>	165.96	
03 21 11 00-0257	TON			>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,310.03	
				<i>For Grade 75, Add</i>	165.96	

03 21 13 Galvanized Reinforcement Steel Bars (03 21)
03 21 13 00-0001 Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0002	LF			#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.57	
03 21 13 00-0003	LF			#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	0.97	
03 21 13 00-0004	LF			#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.46	
03 21 13 00-0005	LF			#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	2.00	
03 21 13 00-0006	LF			#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.58	
03 21 13 00-0007	LF			#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	0.99	
03 21 13 00-0008	LF			#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	1.48	
03 21 13 00-0009	LF			#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	2.03	
03 21 13 00-0010	LF			#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	0.60	
03 21 13 00-0011	LF			#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.01	
03 21 13 00-0012	LF			#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	1.51	
03 21 13 00-0013	LF			#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.08	
03 21 13 00-0014	LF			#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	2.72	
03 21 13 00-0015	LF			#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	3.40	
03 21 13 00-0016	LF			#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	4.17	
03 21 13 00-0017	LF			#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	5.10	
03 21 13 00-0018	LF			#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	6.09	
03 21 13 00-0019	LF			#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	8.44	
03 21 13 00-0020	LF			#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	14.45	
03 21 13 00-0021	LF			#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.13	
03 21 13 00-0022	LF			#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	2.79	
03 21 13 00-0023	LF			#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	3.49	
03 21 13 00-0024	LF			#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	4.29	
03 21 13 00-0025	LF			#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	5.25	
03 21 13 00-0026	LF			#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	6.26	
03 21 13 00-0027	LF			#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.69	
03 21 13 00-0028	LF			#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	14.91	

MINOR	CSI	UOM	DESCRIPTION
-------	-----	-----	-------------

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

03 21 13 00-0029	Columns, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>	
	Note: ASTM A-767 Hot Dipped Galvanized Steel.	
03 21 13 00-0030	LF #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.59
03 21 13 00-0031	LF #4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.02
03 21 13 00-0032	LF #5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.53
03 21 13 00-0033	LF #6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.10
03 21 13 00-0034	LF #3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.60
03 21 13 00-0035	LF #4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.04
03 21 13 00-0036	LF #5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.55
03 21 13 00-0037	LF #6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.13
03 21 13 00-0038	LF #3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.62
03 21 13 00-0039	LF #4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.06
03 21 13 00-0040	LF #5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.58
03 21 13 00-0041	LF #6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.18
03 21 13 00-0042	LF #7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.85
03 21 13 00-0043	LF #8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.54
03 21 13 00-0044	LF #9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.34
03 21 13 00-0045	LF #10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	5.29
03 21 13 00-0046	LF #11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.30
03 21 13 00-0047	LF #14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.73
03 21 13 00-0048	LF #18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	14.89
03 21 13 00-0049	LF #6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.23
03 21 13 00-0050	LF #7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	2.92
03 21 13 00-0051	LF #8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.63
03 21 13 00-0052	LF #9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.46
03 21 13 00-0053	LF #10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.44
03 21 13 00-0054	LF #11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.47
03 21 13 00-0055	LF #14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.98
03 21 13 00-0056	LF #18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	15.35
03 21 13 00-0057	Footings, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>	
	Note: ASTM A-767 Hot Dipped Galvanized Steel.	
03 21 13 00-0058	LF #3, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.52
03 21 13 00-0059	LF #4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	0.89
03 21 13 00-0060	LF #5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.35
03 21 13 00-0061	LF #6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.86
03 21 13 00-0062	LF #3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.53
03 21 13 00-0063	LF #4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.91
03 21 13 00-0064	LF #5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.37
03 21 13 00-0065	LF #6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.89
03 21 13 00-0066	LF #3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.55
03 21 13 00-0067	LF #4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.93
03 21 13 00-0068	LF #5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.40
03 21 13 00-0069	LF #6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.94
03 21 13 00-0070	LF #7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.53
03 21 13 00-0071	LF #8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.18
03 21 13 00-0072	LF #9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.92
03 21 13 00-0073	LF #10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.81
03 21 13 00-0074	LF #11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.76
03 21 13 00-0075	LF #14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.02
03 21 13 00-0076	LF #18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	13.78
03 21 13 00-0077	LF #6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	1.99
03 21 13 00-0078	LF #7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.60
03 21 13 00-0079	LF #8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.27
03 21 13 00-0080	LF #9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.04
03 21 13 00-0081	LF #10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.96
03 21 13 00-0082	LF #11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.93
03 21 13 00-0083	LF #14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.27
03 21 13 00-0084	LF #18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	14.24
03 21 13 00-0085	Slab On Grade, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>	
	Note: ASTM A-767 Hot Dipped Galvanized Steel.	
03 21 13 00-0086	LF #3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.50
03 21 13 00-0087	LF #4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.87
03 21 13 00-0088	LF #5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.31
03 21 13 00-0089	LF #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.81
03 21 13 00-0090	LF #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.51
03 21 13 00-0091	LF #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.89
03 21 13 00-0092	LF #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.33
03 21 13 00-0093	LF #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.84
03 21 13 00-0094	LF #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.53
03 21 13 00-0095	LF #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.91
03 21 13 00-0096	LF #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.36
03 21 13 00-0097	LF #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.89
03 21 13 00-0098	LF #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.48
03 21 13 00-0099	LF #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.10
03 21 13 00-0100	LF #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.84
03 21 13 00-0101	LF #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.71
03 21 13 00-0102	LF #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.66
03 21 13 00-0103	LF #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	7.87
03 21 13 00-0104	LF #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	13.54
03 21 13 00-0105	LF #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	1.94
03 21 13 00-0106	LF #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.55

03 21 13 00-0107	LF	#8,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.19
03 21 13 00-0108	LF	#9,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.96
03 21 13 00-0109	LF	#10,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.86
03 21 13 00-0110	LF	#11,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.83
03 21 13 00-0111	LF	#14,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.12
03 21 13 00-0112	LF	#18,	Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	14.00

03 21 13 00-0113 Elevated Slabs, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0114	LF	#3,	Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.47
03 21 13 00-0115	LF	#4,	Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.81
03 21 13 00-0116	LF	#5,	Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.23
03 21 13 00-0117	LF	#6,	Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.71
03 21 13 00-0118	LF	#3,	Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.48
03 21 13 00-0119	LF	#4,	Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.83
03 21 13 00-0120	LF	#5,	Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.25
03 21 13 00-0121	LF	#6,	Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.74
03 21 13 00-0122	LF	#3,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.50
03 21 13 00-0123	LF	#4,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.85
03 21 13 00-0124	LF	#5,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.28
03 21 13 00-0125	LF	#6,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.79
03 21 13 00-0126	LF	#7,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.35
03 21 13 00-0127	LF	#8,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.95
03 21 13 00-0128	LF	#9,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.66
03 21 13 00-0129	LF	#10,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.52
03 21 13 00-0130	LF	#11,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.43
03 21 13 00-0131	LF	#14,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.59
03 21 13 00-0132	LF	#18,	Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	13.10
03 21 13 00-0133	LF	#6,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.84
03 21 13 00-0134	LF	#7,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.42
03 21 13 00-0135	LF	#8,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.04
03 21 13 00-0136	LF	#9,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.78
03 21 13 00-0137	LF	#10,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.67
03 21 13 00-0138	LF	#11,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.60
03 21 13 00-0139	LF	#14,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.84
03 21 13 00-0140	LF	#18,	Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	13.56

03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0142	LF	#3,	Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.45
03 21 13 00-0143	LF	#4,	Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.79
03 21 13 00-0144	LF	#5,	Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.19
03 21 13 00-0145	LF	#6,	Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.66
03 21 13 00-0146	LF	#3,	Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.46
03 21 13 00-0147	LF	#4,	Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.81
03 21 13 00-0148	LF	#5,	Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.21
03 21 13 00-0149	LF	#6,	Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.69
03 21 13 00-0150	LF	#3,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.48
03 21 13 00-0151	LF	#4,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.83
03 21 13 00-0152	LF	#5,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.24
03 21 13 00-0153	LF	#6,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.74
03 21 13 00-0154	LF	#7,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.29
03 21 13 00-0155	LF	#8,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.89
03 21 13 00-0156	LF	#9,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.58
03 21 13 00-0157	LF	#10,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.42
03 21 13 00-0158	LF	#11,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.33
03 21 13 00-0159	LF	#14,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.46
03 21 13 00-0160	LF	#18,	Grade 60, Walls, Galvanized Steel Reinforcement Bar	12.88
03 21 13 00-0161	LF	#6,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	1.79
03 21 13 00-0162	LF	#7,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.36
03 21 13 00-0163	LF	#8,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.98
03 21 13 00-0164	LF	#9,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.70
03 21 13 00-0165	LF	#10,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.57
03 21 13 00-0166	LF	#11,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.50
03 21 13 00-0167	LF	#14,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.71
03 21 13 00-0168	LF	#18,	Grade 75, Walls, Galvanized Steel Reinforcement Bar	13.34

03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0002	LF	#3,	Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.57
03 21 16 00-0003	LF	#4,	Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.96
03 21 16 00-0004	LF	#5,	Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.43
03 21 16 00-0005	LF	#6,	Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.96
03 21 16 00-0006	LF	#3,	Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.57
03 21 16 00-0007	LF	#4,	Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.97
03 21 16 00-0008	LF	#5,	Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.45
03 21 16 00-0009	LF	#6,	Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.99
03 21 16 00-0010	LF	#3,	Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.59
03 21 16 00-0011	LF	#4,	Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.99
03 21 16 00-0012	LF	#5,	Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.49
03 21 16 00-0013	LF	#6,	Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.04

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

03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.67	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	3.33	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	4.09	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	5.00	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	5.95	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	8.25	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	14.11	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.09	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.74	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	3.42	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	4.20	
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	5.14	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	6.13	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	8.50	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	14.57	

03 21 16 00-0029 Columns, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	0.59	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.01	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.50	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.06	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	0.59	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.02	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.52	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.09	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	0.61	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.04	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.56	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.14	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.80	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.47	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.26	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.19	
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.16	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	8.54	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	14.55	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.19	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.87	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.56	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.37	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.33	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.34	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	8.79	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	.....	15.01	

03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0058	LF	#3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.52	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.88	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.32	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.82	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.52	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.89	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.34	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.85	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.54	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	0.91	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.38	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.90	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.48	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.11	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.84	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.71	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	5.62	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	7.83	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	13.44	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.95	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.55	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.20	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.95	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.85	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	5.80	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	8.08	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	13.90	

03 21 16 00-0085 Slab On Grade, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.50	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.86	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.28	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.77	

03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.50
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.87
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.30
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.80
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.52
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.89
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.34
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.85
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.43
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.03
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.76
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.61
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.52
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.68
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	13.20
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.90
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.50
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.12
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.87
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.75
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.70
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.93
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	13.66

03 21 16 00-0113 Elevated Slabs, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.47
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.80
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.20
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.67
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.47
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.81
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.22
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.70
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.49
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.83
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.26
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.75
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.30
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.88
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.58
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.42
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.29
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.40
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	12.76
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.80
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.37
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.97
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.69
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.56
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.47
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.65
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	13.22

03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)

Note: ASTM A-775 Epoxy Coated Steel.

03 21 16 00-0142	LF	#3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.45
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.78
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.16
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.62
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.45
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.79
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.18
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.65
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.47
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.81
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.22
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.70
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.24
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.82
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.50
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.32
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.19
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.27
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	12.54
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.75
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.31
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.91
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.61
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.46
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.37
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.52
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	13.00

03 Concrete
03 20 Concrete Reinforcing
03 21 Reinforcement Bars

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 21 16 00-0169 Epoxy Coated Deformed Straight Dowels (03 21 16)		
03 21 16 00-0170	EA 3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	2.32
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.04
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	1.97
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.35
	For Up To 12" Length, Deduct	-0.32
	For >12" To <24" Length, Deduct	-0.16
03 21 16 00-0171	EA 1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	2.81
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.13
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.06
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.45
	For Up To 12" Length, Deduct	-0.49
	For >12" To <24" Length, Deduct	-0.25
03 21 16 00-0172	EA 5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	3.49
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.24
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.16
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.57
	For Up To 12" Length, Deduct	-0.73
	For >12" To <24" Length, Deduct	-0.37
03 21 16 00-0173	EA 3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.19
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.37
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.28
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.72
	For Up To 12" Length, Deduct	-0.97
	For >12" To <24" Length, Deduct	-0.49
03 21 16 00-0174	EA 7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.23
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.58
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.48
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	2.96
	For Up To 12" Length, Deduct	-1.32
	For >12" To <24" Length, Deduct	-0.66
03 21 16 00-0175	EA 1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.19
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	2.82
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	2.72
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	3.25
	For Up To 12" Length, Deduct	-1.63
	For >12" To <24" Length, Deduct	-0.82
03 21 16 00-0176	EA 1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.38
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	3.25
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	3.13
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	3.74
	For Up To 12" Length, Deduct	-1.98
	For >12" To <24" Length, Deduct	-0.99
03 21 16 00-0177	EA 1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.86
	For Drilling Hole Into Concrete, Horizontal, Add Per Inch Of Depth	3.82
	For Drilling Hole Into Concrete, Vertical, Add Per Inch Of Depth	3.68
	For Drilling Hole Into Concrete, Inverted Overhead, Add Per Inch Of Depth	4.40
	For Up To 12" Length, Deduct	-2.39
	For >12" To <24" Length, Deduct	-1.20

03 22 Fabric And Grid Reinforcing (03 20)

03 22 11 Plain Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.63
	For >5 Ton, Deduct	-0.10
03 22 11 00-0003	SF 6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.72
	For >5 Ton, Deduct	-0.11
03 22 11 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	0.81
	For >5 Ton, Deduct	-0.12
03 22 11 00-0005	SF 6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	0.96
	For >5 Ton, Deduct	-0.14
03 22 11 00-0006	SF 4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.75
	For >5 Ton, Deduct	-0.11
03 22 11 00-0007	SF 4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	0.84
	For >5 Ton, Deduct	-0.12
03 22 11 00-0008	SF 4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.05
	For >5 Ton, Deduct	-0.15
03 22 11 00-0009	SF 4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.22
	For >5 Ton, Deduct	-0.17
03 22 11 00-0010	SF 2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.13
	For >5 Ton, Deduct	-0.15

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF 6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.70
	For >5 Ton, Deduct	-0.10
03 22 13 00-0003	SF 6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	0.80
	For >5 Ton, Deduct	-0.12
03 22 13 00-0004	SF 6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	0.91
	For >5 Ton, Deduct	-0.13

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

03 22 13 00-0005	SF	6"	x 6"	#4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) 1.10		
				<i>For >5 Ton, Deduct</i>		-0.15
03 22 13 00-0006	SF	4"	x 4"	#10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) 0.84		
				<i>For >5 Ton, Deduct</i>		-0.12
03 22 13 00-0007	SF	4"	x 4"	#8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) 0.95		
				<i>For >5 Ton, Deduct</i>		-0.13
03 22 13 00-0008	SF	4"	x 4"	#6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) 1.23		
				<i>For >5 Ton, Deduct</i>		-0.17
03 22 13 00-0009	SF	4"	x 4"	#4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) 1.45		
				<i>For >5 Ton, Deduct</i>		-0.19

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2"	x 2"	#14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)..... 2.49		
				<i>For >5 Ton, Deduct</i>		-0.39

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 16)

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6"	x 6"	#10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)..... 0.69		
				<i>For >5 Ton, Deduct</i>		-0.10
03 22 16 00-0003	SF	6"	x 6"	#8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)..... 0.79		
				<i>For >5 Ton, Deduct</i>		-0.12
03 22 16 00-0004	SF	6"	x 6"	#6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)..... 0.90		
				<i>For >5 Ton, Deduct</i>		-0.13
03 22 16 00-0005	SF	6"	x 6"	#4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)..... 1.09		
				<i>For >5 Ton, Deduct</i>		-0.15
03 22 16 00-0006	SF	4"	x 4"	#10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)..... 0.83		
				<i>For >5 Ton, Deduct</i>		-0.12
03 22 16 00-0007	SF	4"	x 4"	#8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)..... 0.94		
				<i>For >5 Ton, Deduct</i>		-0.13
03 22 16 00-0008	SF	4"	x 4"	#6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)..... 1.21		
				<i>For >5 Ton, Deduct</i>		-0.16
03 22 16 00-0009	SF	4"	x 4"	#4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)..... 1.42		
				<i>For >5 Ton, Deduct</i>		-0.19

03 30 Cast-In-Place Concrete (03)

03 31 Structural Concrete (03 30)

03 31 13 Heavyweight Structural Concrete (03 31)

Note: Includes delivery and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 00 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

03 31 13 00-0001	SF	4"	Equipment Pad With Welded Wire Reinforcement 13.97		
03 31 13 00-0004	SF	4"	Equipment Pad With Rebar 17.08		
03 31 13 00-0005	SF	6"	Equipment Pad With Rebar 21.66		
03 31 13 00-0006	SF	8"	Equipment Pad With Rebar 27.32		

03 31 13 00-0007 Concrete Assemblies (03 31 13)

03 31 13 00-0008 3,000 PSI Slab On Grade Concrete Slabs Assemblies (03 31 13 00-0007)

Note: Includes forms, welded wire reinforcement (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing. See CSI section 03 05 00 00-0001 for color additive alternative, 03 31 13 00-0094 for concrete pumping equipment.

03 31 13 00-0009	SF	4"	3,000 PSI Slab On Grade Concrete Slabs Assembly 6.68		
			<i>For 2,000 PSI Concrete, Deduct</i>		-0.20
			<i>For 2,500 PSI Concrete, Deduct</i>		-0.10
			<i>For 3,500 PSI Concrete, Add</i>		0.07
			<i>For 4,000 PSI Concrete, Add</i>		0.23
			<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>		-0.13
			<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>		-0.40
			<i>For Up To 500, Add</i>		2.55
			<i>For >500 To 1,000, Add</i>		1.76
			<i>For >1,000 To 2,000, Add</i>		0.97
			<i>For >2,000 To 5,000, Add</i>		0.49
			<i>For >10,000 To 20,000, Deduct</i>		-0.18
			<i>For >20,000 To 35,000, Deduct</i>		-0.35
			<i>For >35,000 To 50,000, Deduct</i>		-0.52
			<i>For >50,000 To 70,000, Deduct</i>		-0.68
			<i>For >70,000, Deduct</i>		-0.85

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0010	SF 5" 3,000 PSI Slab On Grade Concrete Slabs Assembly	7.32	
	For 2,000 PSI Concrete, Deduct	-0.22	
	For 2,500 PSI Concrete, Deduct	-0.11	
	For 3,500 PSI Concrete, Add	0.08	
	For 4,000 PSI Concrete, Add	0.26	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	2.74	
	For >500 To 1,000, Add	1.89	
	For >1,000 To 2,000, Add	1.05	
	For >2,000 To 5,000, Add	0.53	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000 To 35,000, Deduct	-0.39	
	For >35,000 To 50,000, Deduct	-0.57	
	For >50,000 To 70,000, Deduct	-0.76	
	For >70,000, Deduct	-0.94	
03 31 13 00-0011	SF 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly	8.24	
	For 2,000 PSI Concrete, Deduct	-0.26	
	For 2,500 PSI Concrete, Deduct	-0.13	
	For 3,500 PSI Concrete, Add	0.09	
	For 4,000 PSI Concrete, Add	0.30	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	3.01	
	For >500 To 1,000, Add	2.09	
	For >1,000 To 2,000, Add	1.16	
	For >2,000 To 5,000, Add	0.58	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000 To 35,000, Deduct	-0.45	
	For >35,000 To 50,000, Deduct	-0.65	
	For >50,000 To 70,000, Deduct	-0.86	
	For >70,000, Deduct	-1.07	
03 31 13 00-0012	SF 7" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.10	
	For 2,000 PSI Concrete, Deduct	-0.30	
	For 2,500 PSI Concrete, Deduct	-0.15	
	For 3,500 PSI Concrete, Add	0.11	
	For 4,000 PSI Concrete, Add	0.35	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	3.23	
	For >500 To 1,000, Add	2.25	
	For >1,000 To 2,000, Add	1.26	
	For >2,000 To 5,000, Add	0.63	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000 To 35,000, Deduct	-0.51	
	For >35,000 To 50,000, Deduct	-0.73	
	For >50,000 To 70,000, Deduct	-0.96	
	For >70,000, Deduct	-1.19	
03 31 13 00-0013	SF 8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	9.84	
	For 2,000 PSI Concrete, Deduct	-0.33	
	For 2,500 PSI Concrete, Deduct	-0.17	
	For 3,500 PSI Concrete, Add	0.12	
	For 4,000 PSI Concrete, Add	0.39	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	3.44	
	For >500 To 1,000, Add	2.40	
	For >1,000 To 2,000, Add	1.35	
	For >2,000 To 5,000, Add	0.68	
	For >10,000 To 20,000, Deduct	-0.31	
	For >20,000 To 35,000, Deduct	-0.55	
	For >35,000 To 50,000, Deduct	-0.80	
	For >50,000 To 70,000, Deduct	-1.05	
	For >70,000, Deduct	-1.29	
03 31 13 00-0014	SF 10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	11.75	
	For 2,000 PSI Concrete, Deduct	-0.42	
	For 2,500 PSI Concrete, Deduct	-0.21	
	For 3,500 PSI Concrete, Add	0.15	
	For 4,000 PSI Concrete, Add	0.49	
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
	For Up To 500, Add	3.93	
	For >500 To 1,000, Add	2.75	
	For >1,000 To 2,000, Add	1.57	
	For >2,000 To 5,000, Add	0.79	
	For >10,000 To 20,000, Deduct	-0.39	
	For >20,000 To 35,000, Deduct	-0.68	
	For >35,000 To 50,000, Deduct	-0.98	
	For >50,000 To 70,000, Deduct	-1.27	
	For >70,000, Deduct	-1.56	

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

03 31	13 00-0015	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	13.22	
			For 2,000 PSI Concrete, Deduct	-0.48	
			For 2,500 PSI Concrete, Deduct	-0.24	
			For 3,500 PSI Concrete, Add	0.17	
			For 4,000 PSI Concrete, Add	0.57	
			For Reinforcing Rods Are At 18" On Center, Deduct	-0.13	
			For Reinforcing Rods Are At 24" On Center, Deduct	-0.40	
			For Up To 500, Add	4.34	
			For >500 To 1,000, Add	3.05	
			For >1,000 To 2,000, Add	1.75	
			For >2,000 To 5,000, Add	0.87	
			For >10,000 To 20,000, Deduct	-0.45	
			For >20,000 To 35,000, Deduct	-0.78	
			For >35,000 To 50,000, Deduct	-1.11	
			For >50,000 To 70,000, Deduct	-1.44	
			For >70,000, Deduct	-1.77	
03 31	13 00-0016		Concrete Delivery And Placement (03 31 13)		
			Note: Includes cleaning out equipment and standard concrete placement tests. See CSI section 01 45 23 00-0000 for additional tests, 03 05 00 00-0001 for admixtures.		
03 31	13 00-0017		Place Concrete By Method Indicated (03 31 13 00-0016)		
			Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 31 13 00-0094 for concrete pumping equipment.		
03 31	13 00-0018		Place Concrete Pile Caps (03 31 13 00-0017)		
03 31	13 00-0019	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	243.36	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	37.28	
			For >20 To 50, Add	13.98	
			For >100 To 200, Deduct	-4.87	
			For >200 To 400, Deduct	-9.73	
			For >400, Deduct	-14.60	
03 31	13 00-0020	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	194.35	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	17.68	
			For >20 To 50, Add	6.63	
			For >100 To 200, Deduct	-3.89	
			For >200 To 400, Deduct	-7.77	
			For >400, Deduct	-11.66	
03 31	13 00-0021	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps	204.75	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	16.84	
			For >20 To 50, Add	6.31	
			For >100 To 200, Deduct	-4.10	
			For >200 To 400, Deduct	-8.19	
			For >400, Deduct	-12.29	
03 31	13 00-0022		Place Concrete Continuous Footings (03 31 13 00-0017)		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0023	CY	Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	233.01	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	33.14	
		<i>For >20 To 50, Add</i>	12.43	
		<i>For >100 To 200, Deduct</i>	-4.66	
		<i>For >200 To 400, Deduct</i>	-9.32	
		<i>For >400, Deduct</i>	-13.98	
03 31 13 00-0024	CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	189.44	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	15.72	
		<i>For >20 To 50, Add</i>	5.89	
		<i>For >100 To 200, Deduct</i>	-3.79	
		<i>For >200 To 400, Deduct</i>	-7.58	
		<i>For >400, Deduct</i>	-11.37	
03 31 13 00-0025	CY	Concrete Pump, Place 3,000 PSI Concrete Continuous Footings.....	200.08	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.78	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.39	
		<i>For 3,500 PSI Concrete, Add</i>	8.13	
		<i>For 3,750 PSI Concrete, Add</i>	11.06	
		<i>For 4,000 PSI Concrete, Add</i>	13.99	
		<i>For 4,500 PSI Concrete, Add</i>	16.27	
		<i>For 5,000 PSI Concrete, Add</i>	18.54	
		<i>For 6,000 PSI Concrete, Add</i>	43.92	
		<i>For 7,500 PSI Concrete, Add</i>	109.06	
		<i>For White Cement Concrete, Add</i>	19.52	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	21.15	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	16.27	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	48.80	
		<i>For Up To 20, Add</i>	14.97	
		<i>For >20 To 50, Add</i>	5.61	
		<i>For >100 To 200, Deduct</i>	-4.00	
		<i>For >200 To 400, Deduct</i>	-8.00	
		<i>For >400, Deduct</i>	-12.00	
03 31 13 00-0026		Place Concrete Spread Footings <small>(03 31 13 00-0017)</small>		
03 31 13 00-0027	CY	Crane And Bucket, Place 3,000 PSI Concrete Spread Footings.....	289.98	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	55.93	
		<i>For >20 To 50, Add</i>	20.97	
		<i>For >100 To 200, Deduct</i>	-5.80	
		<i>For >200 To 400, Deduct</i>	-11.60	
		<i>For >400, Deduct</i>	-17.40	

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

03 31 13 00-0028	CY		Direct Chute, Place 3,000 PSI Concrete Spread Footings	216.45	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	26.52	
			For >20 To 50, Add	9.95	
			For >100 To 200, Deduct	-4.33	
			For >200 To 400, Deduct	-8.66	
			For >400, Deduct	-12.99	
03 31 13 00-0029	CY		Concrete Pump, Place 3,000 PSI Concrete Spread Footings	225.81	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	25.26	
			For >20 To 50, Add	9.47	
			For >100 To 200, Deduct	-4.52	
			For >200 To 400, Deduct	-9.03	
			For >400, Deduct	-13.55	

03 31 13 00-0030 Place Concrete Mat Foundation (03 31 13 00-0017)

03 31 13 00-0031	CY		Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	175.01	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	9.94	
			For >20 To 50, Add	3.73	
			For >100 To 200, Deduct	-3.50	
			For >200 To 400, Deduct	-7.00	
			For >400, Deduct	-10.50	
03 31 13 00-0032	CY		Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	161.94	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	4.72	
			For >20 To 50, Add	1.77	
			For >100 To 200, Deduct	-3.24	
			For >200 To 400, Deduct	-6.48	
			For >400, Deduct	-9.72	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0033	CY	Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	172.48	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	3.93	
		For >20 To 50, Add	1.47	
		For >100 To 200, Deduct	-3.45	
		For >200 To 400, Deduct	-6.90	
		For >400, Deduct	-10.35	
03 31 13 00-0034		Place Concrete Grade Beams <small>(03 31 13 00-0017)</small>		
03 31 13 00-0035	CY	Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	216.44	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	26.52	
		For >20 To 50, Add	9.94	
		For >100 To 200, Deduct	-4.33	
		For >200 To 400, Deduct	-8.66	
		For >400, Deduct	-12.99	
03 31 13 00-0036	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	181.58	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	12.57	
		For >20 To 50, Add	4.71	
		For >100 To 200, Deduct	-3.63	
		For >200 To 400, Deduct	-7.26	
		For >400, Deduct	-10.89	
03 31 13 00-0037	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	192.60	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	11.98	
		For >20 To 50, Add	4.49	
		For >100 To 200, Deduct	-3.85	
		For >200 To 400, Deduct	-7.70	
		For >400, Deduct	-11.56	
03 31 13 00-0038		Place Concrete Slab On Grade <small>(03 31 13 00-0017)</small>		

MINOR	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI			UNIT COST	UNIT COST

03 31	13 00-0039	CY Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	217.99	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	27.14	
		For >20 To 50, Add	10.18	
		For >100 To 200, Deduct	-4.36	
		For >200 To 400, Deduct	-8.72	
		For >400, Deduct	-13.08	
03 31	13 00-0040	CY >6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	201.63	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	20.59	
		For >20 To 50, Add	7.72	
		For >100 To 200, Deduct	-4.03	
		For >200 To 400, Deduct	-8.07	
		For >400, Deduct	-12.10	
03 31	13 00-0041	CY Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	182.33	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	12.87	
		For >20 To 50, Add	4.83	
		For >100 To 200, Deduct	-3.65	
		For >200 To 400, Deduct	-7.29	
		For >400, Deduct	-10.94	
03 31	13 00-0042	CY >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	174.56	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	9.76	
		For >20 To 50, Add	3.66	
		For >100 To 200, Deduct	-3.49	
		For >200 To 400, Deduct	-6.98	
		For >400, Deduct	-10.47	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0043	CY	Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	189.47	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	10.72	
		For >20 To 50, Add	4.02	
		For >100 To 200, Deduct	-3.79	
		For >200 To 400, Deduct	-7.58	
		For >400, Deduct	-11.37	
03 31 13 00-0044	CY	>6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	183.00	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	8.14	
		For >20 To 50, Add	3.05	
		For >100 To 200, Deduct	-3.66	
		For >200 To 400, Deduct	-7.32	
		For >400, Deduct	-10.98	
03 31 13 00-0045		Place Concrete Duct Bank <small>(03 31 13 00-0017)</small>	176.77	
03 31 13 00-0046	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank	176.77	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	10.65	
		For >20 To 50, Add	3.99	
		For >100 To 200, Deduct	-3.54	
		For >200 To 400, Deduct	-7.07	
		For >400, Deduct	-10.61	
03 31 13 00-0047		Place Concrete Stairs <small>(03 31 13 00-0017)</small>	455.40	
03 31 13 00-0048	CY	Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	455.40	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	122.10	
		For >20 To 50, Add	45.79	
		For >100 To 200, Deduct	-9.11	
		For >200 To 400, Deduct	-18.22	
		For >400, Deduct	-27.32	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

03 31 13 00-0049	CY			Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	294.91	
				<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
				<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
				<i>For 3,500 PSI Concrete, Add</i>	7.51	
				<i>For 3,750 PSI Concrete, Add</i>	10.21	
				<i>For 4,000 PSI Concrete, Add</i>	12.91	
				<i>For 4,500 PSI Concrete, Add</i>	15.02	
				<i>For 5,000 PSI Concrete, Add</i>	17.12	
				<i>For 6,000 PSI Concrete, Add</i>	40.54	
				<i>For 7,500 PSI Concrete, Add</i>	100.68	
				<i>For White Cement Concrete, Add</i>	18.02	
				<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
				<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
				<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
				<i>For Up To 20, Add</i>	57.90	
				<i>For >20 To 50, Add</i>	21.71	
				<i>For >100 To 200, Deduct</i>	-5.90	
				<i>For >200 To 400, Deduct</i>	-11.80	
				<i>For >400, Deduct</i>	-17.69	
03 31 13 00-0050	CY			Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	283.31	
				Note: Excludes pumping equipment.		
				<i>For 2,000 PSI Concrete, Deduct</i>	-8.78	
				<i>For 2,500 PSI Concrete, Deduct</i>	-4.39	
				<i>For 3,500 PSI Concrete, Add</i>	8.13	
				<i>For 3,750 PSI Concrete, Add</i>	11.06	
				<i>For 4,000 PSI Concrete, Add</i>	13.99	
				<i>For 4,500 PSI Concrete, Add</i>	16.27	
				<i>For 5,000 PSI Concrete, Add</i>	18.54	
				<i>For 6,000 PSI Concrete, Add</i>	43.92	
				<i>For 7,500 PSI Concrete, Add</i>	109.06	
				<i>For White Cement Concrete, Add</i>	19.52	
				<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	21.15	
				<i>For High Early Strength, Type 3 ASTM C150, Add</i>	16.27	
				<i>For Lightweight Aggregate, ASTM C330, Add</i>	48.80	
				<i>For Up To 20, Add</i>	48.26	
				<i>For >20 To 50, Add</i>	18.10	
				<i>For >100 To 200, Deduct</i>	-5.67	
				<i>For >200 To 400, Deduct</i>	-11.33	
				<i>For >400, Deduct</i>	-17.00	
03 31 13 00-0051				Place Concrete Thrust Blocks And Backfill (03 31 13 00-0017)		
03 31 13 00-0052	CY			Direct Chute, Place 3,000 PSI Concrete Thrust Blocks.....	220.87	
				<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
				<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
				<i>For 3,500 PSI Concrete, Add</i>	7.51	
				<i>For 3,750 PSI Concrete, Add</i>	10.21	
				<i>For 4,000 PSI Concrete, Add</i>	12.91	
				<i>For 4,500 PSI Concrete, Add</i>	15.02	
				<i>For 5,000 PSI Concrete, Add</i>	17.12	
				<i>For 6,000 PSI Concrete, Add</i>	40.54	
				<i>For 7,500 PSI Concrete, Add</i>	100.68	
				<i>For White Cement Concrete, Add</i>	18.02	
				<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
				<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
				<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
03 31 13 00-0053				Place Concrete Slurry (03 31 13 00-0017)		
				Note: 2 bag cement per CY.		
03 31 13 00-0054	CY			Direct Chute, Place 1,200 PSI Concrete Slurry	202.10	
03 31 13 00-0055	CY			Concrete Pump, Place 1,200 PSI Concrete Slurry	190.29	
				Note: Excludes pumping equipment.		
03 31 13 00-0056				Hand Mix And Place Concrete (03 31 13 00-0017)		
03 31 13 00-0057	CF			Hand Mix And Place Concrete.....	28.39	
				Note: For use where conventional equipment access is limited or when directed by the owner.		
				<i>For 2,000 PSI Concrete, Deduct</i>	-0.35	
				<i>For 2,500 PSI Concrete, Deduct</i>	-0.17	
				<i>For 3,500 PSI Concrete, Add</i>	0.32	
03 31 13 00-0058				Place Concrete Superstructure By Method Indicated (03 31 13 00-0016)		
				See CSI section 03 31 13 00-0094 for concrete pump truck.		
03 31 13 00-0059				Place Elevated Concrete Beams (03 31 13 00-0058)		

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0060	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	315.87	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	66.29	
		<i>For >20 To 50, Add</i>	24.86	
		<i>For >100 To 200, Deduct</i>	-6.32	
		<i>For >200 To 400, Deduct</i>	-12.63	
		<i>For >400, Deduct</i>	-18.95	
03 31 13 00-0061	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	237.50	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.78	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.39	
		<i>For 3,500 PSI Concrete, Add</i>	8.13	
		<i>For 3,750 PSI Concrete, Add</i>	11.06	
		<i>For 4,000 PSI Concrete, Add</i>	13.99	
		<i>For 4,500 PSI Concrete, Add</i>	16.27	
		<i>For 5,000 PSI Concrete, Add</i>	18.54	
		<i>For 6,000 PSI Concrete, Add</i>	43.92	
		<i>For 7,500 PSI Concrete, Add</i>	109.06	
		<i>For White Cement Concrete, Add</i>	19.52	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	21.15	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	16.27	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	48.80	
		<i>For Up To 20, Add</i>	29.94	
		<i>For >20 To 50, Add</i>	11.23	
		<i>For >100 To 200, Deduct</i>	-4.75	
		<i>For >200 To 400, Deduct</i>	-9.50	
		<i>For >400, Deduct</i>	-14.25	
03 31 13 00-0062		Place Elevated Concrete Slab <small>(03 31 13 00-0058)</small>		
03 31 13 00-0063	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab.....	228.17	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	31.21	
		<i>For >20 To 50, Add</i>	11.70	
		<i>For >100 To 200, Deduct</i>	-4.56	
		<i>For >200 To 400, Deduct</i>	-9.13	
		<i>For >400, Deduct</i>	-13.69	
03 31 13 00-0064	CY	>6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab.....	209.34	
		<i>For 2,000 PSI Concrete, Deduct</i>	-8.11	
		<i>For 2,500 PSI Concrete, Deduct</i>	-4.05	
		<i>For 3,500 PSI Concrete, Add</i>	7.51	
		<i>For 3,750 PSI Concrete, Add</i>	10.21	
		<i>For 4,000 PSI Concrete, Add</i>	12.91	
		<i>For 4,500 PSI Concrete, Add</i>	15.02	
		<i>For 5,000 PSI Concrete, Add</i>	17.12	
		<i>For 6,000 PSI Concrete, Add</i>	40.54	
		<i>For 7,500 PSI Concrete, Add</i>	100.68	
		<i>For White Cement Concrete, Add</i>	18.02	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	19.52	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.02	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	45.05	
		<i>For Up To 20, Add</i>	23.68	
		<i>For >20 To 50, Add</i>	8.88	
		<i>For >100 To 200, Deduct</i>	-4.19	
		<i>For >200 To 400, Deduct</i>	-8.37	
		<i>For >400, Deduct</i>	-12.56	

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

03 31 13 00-0065	CY			Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	197.89	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct		-8.78
				For 2,500 PSI Concrete, Deduct		-4.39
				For 3,500 PSI Concrete, Add		8.13
				For 3,750 PSI Concrete, Add		11.06
				For 4,000 PSI Concrete, Add		13.99
				For 4,500 PSI Concrete, Add		16.27
				For 5,000 PSI Concrete, Add		18.54
				For 6,000 PSI Concrete, Add		43.92
				For 7,500 PSI Concrete, Add		109.06
				For White Cement Concrete, Add		19.52
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		21.15
				For High Early Strength, Type 3 ASTM C150, Add		16.27
				For Lightweight Aggregate, ASTM C330, Add		48.80
				For Up To 20, Add		14.09
				For >20 To 50, Add		5.28
				For >100 To 200, Deduct		-3.96
				For >200 To 400, Deduct		-7.92
				For >400, Deduct		-11.87
03 31 13 00-0066	CY			>6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	189.40	
				Note: Excludes pumping equipment.		
				For 2,000 PSI Concrete, Deduct		-8.78
				For 2,500 PSI Concrete, Deduct		-4.39
				For 3,500 PSI Concrete, Add		8.13
				For 3,750 PSI Concrete, Add		11.06
				For 4,000 PSI Concrete, Add		13.99
				For 4,500 PSI Concrete, Add		16.27
				For 5,000 PSI Concrete, Add		18.54
				For 6,000 PSI Concrete, Add		43.92
				For 7,500 PSI Concrete, Add		109.06
				For White Cement Concrete, Add		19.52
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		21.15
				For High Early Strength, Type 3 ASTM C150, Add		16.27
				For Lightweight Aggregate, ASTM C330, Add		48.80
				For Up To 20, Add		10.70
				For >20 To 50, Add		4.01
				For >100 To 200, Deduct		-3.79
				For >200 To 400, Deduct		-7.58
				For >400, Deduct		-11.36

03 31 13 00-0067 Place Concrete Columns (03 31 13 00-0068)

03 31 13 00-0068	CY			12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	329.13	
				For 2,000 PSI Concrete, Deduct		-8.11
				For 2,500 PSI Concrete, Deduct		-4.05
				For 3,500 PSI Concrete, Add		7.51
				For 3,750 PSI Concrete, Add		10.21
				For 4,000 PSI Concrete, Add		12.91
				For 4,500 PSI Concrete, Add		15.02
				For 5,000 PSI Concrete, Add		17.12
				For 6,000 PSI Concrete, Add		40.54
				For 7,500 PSI Concrete, Add		100.68
				For White Cement Concrete, Add		18.02
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.52
				For High Early Strength, Type 3 ASTM C150, Add		15.02
				For Lightweight Aggregate, ASTM C330, Add		45.05
				For Up To 20, Add		71.59
				For >20 To 50, Add		26.85
				For >100 To 200, Deduct		-6.58
				For >200 To 400, Deduct		-13.17
				For >400, Deduct		-19.75
03 31 13 00-0069	CY			18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	280.24	
				For 2,000 PSI Concrete, Deduct		-8.11
				For 2,500 PSI Concrete, Deduct		-4.05
				For 3,500 PSI Concrete, Add		7.51
				For 3,750 PSI Concrete, Add		10.21
				For 4,000 PSI Concrete, Add		12.91
				For 4,500 PSI Concrete, Add		15.02
				For 5,000 PSI Concrete, Add		17.12
				For 6,000 PSI Concrete, Add		40.54
				For 7,500 PSI Concrete, Add		100.68
				For White Cement Concrete, Add		18.02
				For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		19.52
				For High Early Strength, Type 3 ASTM C150, Add		15.02
				For Lightweight Aggregate, ASTM C330, Add		45.05
				For Up To 20, Add		52.04
				For >20 To 50, Add		19.51
				For >100 To 200, Deduct		-5.60
				For >200 To 400, Deduct		-11.21
				For >400, Deduct		-16.81

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0070	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	245.27	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	38.05	
		For >20 To 50, Add	14.27	
		For >100 To 200, Deduct	-4.91	
		For >200 To 400, Deduct	-9.81	
		For >400, Deduct	-14.72	
03 31 13 00-0071	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	229.69	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	31.82	
		For >20 To 50, Add	11.93	
		For >100 To 200, Deduct	-4.59	
		For >200 To 400, Deduct	-9.19	
		For >400, Deduct	-13.78	
03 31 13 00-0072	CY	12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	243.49	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	32.33	
		For >20 To 50, Add	12.12	
		For >100 To 200, Deduct	-4.87	
		For >200 To 400, Deduct	-9.74	
		For >400, Deduct	-14.61	
03 31 13 00-0073	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	221.41	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	23.50	
		For >20 To 50, Add	8.81	
		For >100 To 200, Deduct	-4.43	
		For >200 To 400, Deduct	-8.86	
		For >400, Deduct	-13.28	

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

03 31 13 00-0074	CY	24"	Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 205.62		
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	17.18	
			For >20 To 50, Add	6.44	
			For >100 To 200, Deduct	-4.11	
			For >200 To 400, Deduct	-8.22	
			For >400, Deduct	-12.34	
03 31 13 00-0075	CY	36"	Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 198.58		
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	14.37	
			For >20 To 50, Add	5.39	
			For >100 To 200, Deduct	-3.97	
			For >200 To 400, Deduct	-7.94	
			For >400, Deduct	-11.91	

03 31 13 00-0076 Place Concrete Walls (03 31 13 00-0058)

03 31 13 00-0077	CY	8"	Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls 317.93		
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	67.11	
			For >20 To 50, Add	25.17	
			For >100 To 200, Deduct	-6.36	
			For >200 To 400, Deduct	-12.72	
			For >400, Deduct	-19.08	
03 31 13 00-0078	CY	12"	Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls 304.03		
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	61.55	
			For >20 To 50, Add	23.08	
			For >100 To 200, Deduct	-6.08	
			For >200 To 400, Deduct	-12.16	
			For >400, Deduct	-18.24	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0079	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls.....	267.60	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	46.98	
		For >20 To 50, Add	17.62	
		For >100 To 200, Deduct	-5.35	
		For >200 To 400, Deduct	-10.70	
		For >400, Deduct	-16.06	
03 31 13 00-0080	CY	8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	229.71	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	31.82	
		For >20 To 50, Add	11.93	
		For >100 To 200, Deduct	-4.59	
		For >200 To 400, Deduct	-9.19	
		For >400, Deduct	-13.78	
03 31 13 00-0081	CY	12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	213.80	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	25.46	
		For >20 To 50, Add	9.55	
		For >100 To 200, Deduct	-4.28	
		For >200 To 400, Deduct	-8.55	
		For >400, Deduct	-12.83	
03 31 13 00-0082	CY	15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls.....	205.85	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	22.28	
		For >20 To 50, Add	8.36	
		For >100 To 200, Deduct	-4.12	
		For >200 To 400, Deduct	-8.23	
		For >400, Deduct	-12.35	

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

03 31 13 00-0083	CY		8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	238.44	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	30.31	
			For >20 To 50, Add	11.37	
			For >100 To 200, Deduct	-4.77	
			For >200 To 400, Deduct	-9.54	
			For >400, Deduct	-14.31	
03 31 13 00-0084	CY		12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	223.28	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	24.25	
			For >20 To 50, Add	9.09	
			For >100 To 200, Deduct	-4.47	
			For >200 To 400, Deduct	-8.93	
			For >400, Deduct	-13.40	
03 31 13 00-0085	CY		15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	215.70	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.78	
			For 2,500 PSI Concrete, Deduct	-4.39	
			For 3,500 PSI Concrete, Add	8.13	
			For 3,750 PSI Concrete, Add	11.06	
			For 4,000 PSI Concrete, Add	13.99	
			For 4,500 PSI Concrete, Add	16.27	
			For 5,000 PSI Concrete, Add	18.54	
			For 6,000 PSI Concrete, Add	43.92	
			For 7,500 PSI Concrete, Add	109.06	
			For White Cement Concrete, Add	19.52	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
			For High Early Strength, Type 3 ASTM C150, Add	16.27	
			For Lightweight Aggregate, ASTM C330, Add	48.80	
			For Up To 20, Add	21.22	
			For >20 To 50, Add	7.96	
			For >100 To 200, Deduct	-4.31	
			For >200 To 400, Deduct	-8.63	
			For >400, Deduct	-12.94	

03 31 13 00-0086 Place Elevated Concrete Stairs (03 31 13 00-0058)

03 31 13 00-0087	CY		Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs	489.35	
			For 2,000 PSI Concrete, Deduct	-8.11	
			For 2,500 PSI Concrete, Deduct	-4.05	
			For 3,500 PSI Concrete, Add	7.51	
			For 3,750 PSI Concrete, Add	10.21	
			For 4,000 PSI Concrete, Add	12.91	
			For 4,500 PSI Concrete, Add	15.02	
			For 5,000 PSI Concrete, Add	17.12	
			For 6,000 PSI Concrete, Add	40.54	
			For 7,500 PSI Concrete, Add	100.68	
			For White Cement Concrete, Add	18.02	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
			For High Early Strength, Type 3 ASTM C150, Add	15.02	
			For Lightweight Aggregate, ASTM C330, Add	45.05	
			For Up To 20, Add	135.68	
			For >20 To 50, Add	50.88	
			For >100 To 200, Deduct	-9.79	
			For >200 To 400, Deduct	-19.57	
			For >400, Deduct	-29.36	

03 Concrete
03 30 Cast-In-Place Concrete
03 31 Structural Concrete

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 31 13 00-0088	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	310.99	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	64.34	
		For >20 To 50, Add	24.13	
		For >100 To 200, Deduct	-6.22	
		For >200 To 400, Deduct	-12.44	
		For >400, Deduct	-18.66	
03 31 13 00-0089	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	296.69	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.78	
		For 2,500 PSI Concrete, Deduct	-4.39	
		For 3,500 PSI Concrete, Add	8.13	
		For 3,750 PSI Concrete, Add	11.06	
		For 4,000 PSI Concrete, Add	13.99	
		For 4,500 PSI Concrete, Add	16.27	
		For 5,000 PSI Concrete, Add	18.54	
		For 6,000 PSI Concrete, Add	43.92	
		For 7,500 PSI Concrete, Add	109.06	
		For White Cement Concrete, Add	19.52	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15	
		For High Early Strength, Type 3 ASTM C150, Add	16.27	
		For Lightweight Aggregate, ASTM C330, Add	48.80	
		For Up To 20, Add	53.61	
		For >20 To 50, Add	20.10	
		For >100 To 200, Deduct	-5.93	
		For >200 To 400, Deduct	-11.87	
		For >400, Deduct	-17.80	
03 31 13 00-0090		Place Concrete Coping (03 31 13 00-0090)		
03 31 13 00-0091	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping.....	501.08	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	140.37	
		For >20 To 50, Add	52.64	
		For >100 To 200, Deduct	-10.02	
		For >200 To 400, Deduct	-20.04	
		For >400, Deduct	-30.06	
03 31 13 00-0092	CY	Direct Chute, Place 3,000 PSI Concrete Coping.....	309.91	
		For 2,000 PSI Concrete, Deduct	-8.11	
		For 2,500 PSI Concrete, Deduct	-4.05	
		For 3,500 PSI Concrete, Add	7.51	
		For 3,750 PSI Concrete, Add	10.21	
		For 4,000 PSI Concrete, Add	12.91	
		For 4,500 PSI Concrete, Add	15.02	
		For 5,000 PSI Concrete, Add	17.12	
		For 6,000 PSI Concrete, Add	40.54	
		For 7,500 PSI Concrete, Add	100.68	
		For White Cement Concrete, Add	18.02	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.52	
		For High Early Strength, Type 3 ASTM C150, Add	15.02	
		For Lightweight Aggregate, ASTM C330, Add	45.05	
		For Up To 20, Add	63.90	
		For >20 To 50, Add	23.96	
		For >100 To 200, Deduct	-6.20	
		For >200 To 400, Deduct	-12.40	
		For >400, Deduct	-18.59	

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

03 31 13 00-0093	CY	Concrete Pump, Place 3,000 PSI Concrete Copping	404.65		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.78		
		For 2,500 PSI Concrete, Deduct	-4.39		
		For 3,500 PSI Concrete, Add	8.13		
		For 3,750 PSI Concrete, Add	11.06		
		For 4,000 PSI Concrete, Add	13.99		
		For 4,500 PSI Concrete, Add	16.27		
		For 5,000 PSI Concrete, Add	18.54		
		For 6,000 PSI Concrete, Add	43.92		
		For 7,500 PSI Concrete, Add	109.06		
		For White Cement Concrete, Add	19.52		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	21.15		
		For High Early Strength, Type 3 ASTM C150, Add	16.27		
		For Lightweight Aggregate, ASTM C330, Add	48.80		
		For Up To 20, Add	96.80		
		For >20 To 50, Add	36.30		
		For >100 To 200, Deduct	-8.09		
		For >200 To 400, Deduct	-16.19		
		For >400, Deduct	-24.28		

03 31 13 00-0094		Concrete Pumping With Boom Truck <small>(03 31 13 00-0016)</small>			
		Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach.			
03 31 13 00-0095	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	150.03		
03 31 13 00-0096	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	164.21		
03 31 13 00-0097	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	198.98		
03 31 13 00-0098	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	232.60		
03 31 13 00-0099	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	282.12		
03 31 13 00-0100	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	254.39		
03 31 13 00-0101	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	370.05		
03 31 13 00-0102	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	452.57		
03 31 13 00-0103	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump	121.28		
		Note: Includes hoses			

03 31 13 00-0104		Concrete Carts <small>(03 31 13 00-0016)</small>			
		Note: Used to place concrete were necessary.			
03 31 13 00-0105	CY	50' Haul, Non Motorized, Concrete Buggy	19.63		
03 31 13 00-0106	CY	150' Haul, Non Motorized, Concrete Buggy	26.28		
03 31 13 00-0107	CY	250' Haul, Non Motorized, Concrete Buggy	35.05		
03 31 13 00-0108	CY	50' Haul, Motorized, Concrete Buggy	9.61		
03 31 13 00-0109	CY	150' Haul, Motorized, Concrete Buggy	12.88		
03 31 13 00-0110	CY	250' Haul, Motorized, Concrete Buggy	17.16		

03 31 13 00-0111		Delivery Fee For Small Purchases <small>(03 31 13)</small>			
03 31 13 00-0112	CY	Delivery Fee For Concrete Purchases Per CY For Each CY Less Than 9 CY	16.56		
		Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.			

03 31 13 00-0113		Delivery Fee For Concrete, Per Truck Load <small>(03 31 13)</small>			
03 31 13 00-0114	EA	Concrete Delivery Fee, Per Truck	25.00		
		Note: To be added to all concrete leaving concrete yard			

03 35		Concrete Finishing <small>(03 30)</small>			
03 35 16		Heavy-Duty Concrete Floor Finishing <small>(03 35)</small>			
03 35 16 00-0001		Floor Finishes <small>(03 35 16)</small>			
		Note: Task is for final finish type and includes all required prior finishes.			
03 35 16 00-0002	SF	Concrete Floor Finishes, Screed	0.74		
		For Up To 100 SF, Add	1.48		
		For >100 To 250, Add	0.37		
		For >250 To 500, Add	0.19		
		For >5,000 To 10,000 SF, Deduct	-0.04		
		For >10,000 SF, Deduct	-0.07		
03 35 16 00-0003	SF	Concrete Floor Finishes, Darby	0.88		
		For Up To 100 SF, Add	1.76		
		For >100 To 250, Add	0.44		
		For >250 To 500, Add	0.22		
		For >5,000 To 10,000 SF, Deduct	-0.04		
		For >10,000 SF, Deduct	-0.09		
03 35 16 00-0004	SF	Concrete Floor Finishes, Broom	0.98		
		For Up To 100 SF, Add	1.96		
		For >100 To 250, Add	0.49		
		For >250 To 500, Add	0.25		
		For >5,000 To 10,000 SF, Deduct	-0.05		
		For >10,000 SF, Deduct	-0.10		

03	Concrete
03 30	Cast-In-Place Concrete
03 35	Concrete Finishing

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

03 35 16 00-0005	SF		Concrete Floor Finishes, Final Float	1.14	
			<i>For Up To 100 SF, Add</i>	2.28	
			<i>For >100 To 250, Add</i>	0.57	
			<i>For >250 To 500, Add</i>	0.29	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-0.06	
			<i>For >10,000 SF, Deduct</i>	-0.11	
03 35 16 00-0006	SF		Concrete Floor Finishes, Steel Trowel	1.29	
			<i>For Up To 100 SF, Add</i>	2.58	
			<i>For >100 To 250, Add</i>	0.65	
			<i>For >250 To 500, Add</i>	0.32	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-0.06	
			<i>For >10,000 SF, Deduct</i>	-0.13	

03 35 23 Exposed Aggregate Concrete Finishing (03 35)

03 35 23 00-0001			Exposed Aggregate Concrete Finish (03 35 23)		
03 35 23 00-0002	SF		Exposed Aggregate Concrete Floor Finish	2.61	

03 35 26 Grooved Concrete Surface Finishing (03 35)

03 35 26 00-0001			Ramp, Grooved Concrete Surface Finishing (03 35 26)		
03 35 26 00-0002	SF		Ramp, Grooved Concrete Surface Finishing	2.99	

03 35 29 Tooled Concrete Finishing (03 35)

03 35 29 00-0001			Solid Board Concrete Finish (03 35 29)		
03 35 29 00-0002	SF		Solid Board Concrete, Non Uniform Finish, 1 Use, Add To Formwork	11.88	

03 35 29 00-0003 Marblecrete Finishes (03 35 29)

03 35 29 00-0004	SF		2" Thick Marblecrete And Finish	35.58	
03 35 29 00-0005	SF		4" Thick Marblecrete And Finish	47.65	

03 35 33 Stamped Concrete Finishing (03 35)

03 35 33 00-0001			Stamped Finishes (03 35 33)		
03 35 33 00-0002	SF		Up To 2,500 SF Stamped Finish	2.91	
03 35 33 00-0003	SF		>2,500 To 10,000 SF Stamped Finish	2.63	
03 35 33 00-0004	SF		>10,000 SF Stamped Finish	2.51	

03 35 39 Rusticated Concrete Finish (03 35)

03 35 39 00-0001			Rusticated Concrete Finish (03 35 39)		
03 35 39 00-0002	SF		Rusticated Concrete Finish, Beveled Edge, 1 Use, Add To Formwork	5.45	
03 35 39 00-0003	SF		Rusticated Concrete Finish, Square Edge, 1 Use, Add To Formwork	7.12	

03 35 43 Polished Concrete Finishing (03 35)

03 35 43 00-0001			Concrete Floor Polishing System (03 35 43)		
			Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002	SF		Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.04	
			<i>For Up To 500, Add</i>	2.02	
			<i>For >500 To 1,000, Add</i>	1.87	
			<i>For >1,000 To 2,500, Add</i>	1.24	
			<i>For >2,500 To 4,000, Add</i>	0.64	
			<i>For >8,000 To 15,000, Deduct</i>	-0.25	
			<i>For >15,000 To 25,000, Deduct</i>	-0.32	
			<i>For >25,000, Deduct</i>	-0.45	
03 35 43 00-0003	SF		Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.04	
			<i>For Up To 500, Add</i>	2.02	
			<i>For >500 To 1,000, Add</i>	1.87	
			<i>For >1,000 To 2,500, Add</i>	1.24	
			<i>For >2,500 To 4,000, Add</i>	0.64	
			<i>For >8,000 To 15,000, Deduct</i>	-0.25	
			<i>For >15,000 To 25,000, Deduct</i>	-0.32	
			<i>For >25,000, Deduct</i>	-0.45	
03 35 43 00-0004	SF		Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	0.63	
			<i>For Up To 500, Add</i>	1.22	
			<i>For >500 To 1,000, Add</i>	1.13	
			<i>For >1,000 To 2,500, Add</i>	0.75	
			<i>For >2,500 To 4,000, Add</i>	0.39	
			<i>For >8,000 To 15,000, Deduct</i>	-0.15	
			<i>For >15,000 To 25,000, Deduct</i>	-0.19	
			<i>For >25,000, Deduct</i>	-0.27	
03 35 43 00-0005	SF		Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	0.90	
			<i>For Up To 500, Add</i>	1.75	
			<i>For >500 To 1,000, Add</i>	1.62	
			<i>For >1,000 To 2,500, Add</i>	1.07	
			<i>For >2,500 To 4,000, Add</i>	0.56	
			<i>For >8,000 To 15,000, Deduct</i>	-0.22	
			<i>For >15,000 To 25,000, Deduct</i>	-0.27	
			<i>For >25,000, Deduct</i>	-0.39	

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

03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	0.63		
		For Up To 500, Add		1.22	
		For >500 To 1,000, Add		1.13	
		For >1,000 To 2,500, Add		0.75	
		For >2,500 To 4,000, Add		0.39	
		For >8,000 To 15,000, Deduct		-0.15	
		For >15,000 To 25,000, Deduct		-0.19	
		For >25,000, Deduct		-0.27	
03 35 43 00-0007	SF	Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	0.63		
		For Up To 500, Add		1.22	
		For >500 To 1,000, Add		1.13	
		For >1,000 To 2,500, Add		0.75	
		For >2,500 To 4,000, Add		0.39	
		For >8,000 To 15,000, Deduct		-0.15	
		For >15,000 To 25,000, Deduct		-0.19	
		For >25,000, Deduct		-0.27	
03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	0.63		
		For Up To 500, Add		1.22	
		For >500 To 1,000, Add		1.13	
		For >1,000 To 2,500, Add		0.75	
		For >2,500 To 4,000, Add		0.39	
		For >8,000 To 15,000, Deduct		-0.15	
		For >15,000 To 25,000, Deduct		-0.19	
		For >25,000, Deduct		-0.27	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	0.63		
		For Up To 500, Add		1.22	
		For >500 To 1,000, Add		1.13	
		For >1,000 To 2,500, Add		0.75	
		For >2,500 To 4,000, Add		0.39	
		For >8,000 To 15,000, Deduct		-0.15	
		For >15,000 To 25,000, Deduct		-0.19	
		For >25,000, Deduct		-0.27	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads.....	0.16		
		For Up To 500, Add		0.31	
		For >500 To 1,000, Add		0.29	
		For >1,000 To 2,500, Add		0.19	
		For >2,500 To 4,000, Add		0.10	
		For >8,000 To 15,000, Deduct		-0.04	
		For >15,000 To 25,000, Deduct		-0.05	
		For >25,000, Deduct		-0.07	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier	0.21		
		For Up To 500, Add		0.41	
		For >500 To 1,000, Add		0.38	
		For >1,000 To 2,500, Add		0.25	
		For >2,500 To 4,000, Add		0.13	
		For >8,000 To 15,000, Deduct		-0.05	
		For >15,000 To 25,000, Deduct		-0.06	
		For >25,000, Deduct		-0.09	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector	0.21		
		For Up To 500, Add		0.41	
		For >500 To 1,000, Add		0.38	
		For >1,000 To 2,500, Add		0.25	
		For >2,500 To 4,000, Add		0.13	
		For >8,000 To 15,000, Deduct		-0.05	
		For >15,000 To 25,000, Deduct		-0.06	
		For >25,000, Deduct		-0.09	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up.....	0.11		
		For Up To 500, Add		0.21	
		For >500 To 1,000, Add		0.20	
		For >1,000 To 2,500, Add		0.13	
		For >2,500 To 4,000, Add		0.07	
		For >8,000 To 15,000, Deduct		-0.03	
		For >15,000 To 25,000, Deduct		-0.03	
		For >25,000, Deduct		-0.05	

03 35 63 Slip-Resistant Floor Finishing (03 35)
03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	0.88		
		For Up To 100 SF, Add		1.42	
		For >100 To 250, Add		0.36	
		For >250 To 500, Add		0.18	
		For >5,000 To 10,000 SF, Deduct		-0.04	
		For >10,000 SF, Deduct		-0.07	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	0.96		
		For Up To 100 SF, Add		1.42	
		For >100 To 250, Add		0.36	
		For >250 To 500, Add		0.18	
		For >5,000 To 10,000 SF, Deduct		-0.04	
		For >10,000 SF, Deduct		-0.07	

03 35 66 Acid Etch Floor Finishing (03 35)
03 35 66 00-0001 Acid Etch Floor (03 35 66)

03 Concrete
03 30 Cast-In-Place Concrete
03 35 Concrete Finishing

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse	0.82	
		<i>For Up To 100 SF, Add</i>	0.68	
		<i>For >100 To 250, Add</i>	0.17	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.02	
		<i>For >10,000 SF, Deduct</i>	-0.03	

03 35 83 Wall Finishes (03 35)

03 35 83 00-0001 Wall Finishes (03 35 83)

03 35 83 00-0002	SF	Burlap Rub With Grout, New Concrete Wall Finishes	1.32	
		<i>For Up To 100 SF, Add</i>	2.46	
		<i>For >100 To 250, Add</i>	0.62	
		<i>For >250 To 500, Add</i>	0.31	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.06	
		<i>For >10,000 SF, Deduct</i>	-0.12	
03 35 83 00-0003	SF	1/16" Float Finish, New Concrete Wall Finishes	1.98	
		<i>For Up To 100 SF, Add</i>	3.70	
		<i>For >100 To 250, Add</i>	0.93	
		<i>For >250 To 500, Add</i>	0.46	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.09	
		<i>For >10,000 SF, Deduct</i>	-0.19	
03 35 83 00-0004	SF	Etch With Acid And Rinse, New Concrete Wall Finishes	0.89	
		<i>For Up To 100 SF, Add</i>	0.82	
		<i>For >100 To 250, Add</i>	0.21	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.02	
		<i>For >10,000 SF, Deduct</i>	-0.04	
03 35 83 00-0005	SF	Bush Hammer Green Concrete, New Concrete Wall Finishes.....	3.95	
		<i>For Up To 100 SF, Add</i>	7.82	
		<i>For >100 To 250, Add</i>	1.96	
		<i>For >250 To 500, Add</i>	0.98	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.20	
		<i>For >10,000 SF, Deduct</i>	-0.39	
03 35 83 00-0006	SF	Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	6.14	
		<i>For Up To 100 SF, Add</i>	12.10	
		<i>For >100 To 250, Add</i>	3.03	
		<i>For >250 To 500, Add</i>	1.51	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.30	
		<i>For >10,000 SF, Deduct</i>	-0.61	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	0.77	
		<i>For Up To 100 SF, Add</i>	1.32	
		<i>For >100 To 250, Add</i>	0.33	
		<i>For >250 To 500, Add</i>	0.17	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.03	
		<i>For >10,000 SF, Deduct</i>	-0.07	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes	2.58	
		<i>For Up To 100 SF, Add</i>	4.94	
		<i>For >100 To 250, Add</i>	1.24	
		<i>For >250 To 500, Add</i>	0.62	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.12	
		<i>For >10,000 SF, Deduct</i>	-0.25	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	3.91	
		<i>For Up To 100 SF, Add</i>	7.60	
		<i>For >100 To 250, Add</i>	1.90	
		<i>For >250 To 500, Add</i>	0.95	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.19	
		<i>For >10,000 SF, Deduct</i>	-0.38	
03 35 83 00-0010	SF	Up To 1/4" Penetration Sand Blasting, New Concrete Wall Finishes.....	2.46	
		<i>For Up To 100 SF, Add</i>	4.24	
		<i>For >100 To 250, Add</i>	1.06	
		<i>For >250 To 500, Add</i>	0.53	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.11	
		<i>For >10,000 SF, Deduct</i>	-0.21	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Sand Blasting, New Concrete Wall Finishes.....	6.88	
		<i>For Up To 100 SF, Add</i>	12.38	
		<i>For >100 To 250, Add</i>	3.10	
		<i>For >250 To 500, Add</i>	1.55	
		<i>For >5,000 To 10,000 SF, Deduct</i>	-0.31	
		<i>For >10,000 SF, Deduct</i>	-0.62	

03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete (03 37)

03 37 13 00-0001 Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF	1" Thick Shotcrete, Fiber Reinforced	4.36	
		<i>For Up To 25 SF, Add</i>	0.66	
		<i>For >25 To 50 SF, Add</i>	0.37	
		<i>For >50 To 150, Add</i>	0.11	
		<i>For High Strength Shotcrete Repair, Add</i>	1.17	
		<i>For Polymer Modified Shotcrete, Add</i>	1.16	
03 37 13 00-0003	SF	1-1/2" Thick Shotcrete, Fiber Reinforced	6.24	
		<i>For Up To 25 SF, Add</i>	0.91	
		<i>For >25 To 50 SF, Add</i>	0.50	
		<i>For >50 To 150, Add</i>	0.14	
		<i>For High Strength Shotcrete Repair, Add</i>	1.63	
		<i>For Polymer Modified Shotcrete, Add</i>	1.68	

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

03 37 13 00-0004	SF			2" Thick Shotcrete, Fiber Reinforced	8.42	
				For Up To 25 SF, Add	1.24	
				For >25 To 50 SF, Add	0.69	
				For >50 To 150, Add	0.20	
				For High Strength Shotcrete Repair, Add	2.22	
				For Polymer Modified Shotcrete, Add	2.26	
03 37 13 00-0005	SF			2-1/2" Thick Shotcrete, Fiber Reinforced	10.15	
				For Up To 25 SF, Add	1.46	
				For >25 To 50 SF, Add	0.80	
				For >50 To 150, Add	0.22	
				For High Strength Shotcrete Repair, Add	2.62	
				For Polymer Modified Shotcrete, Add	2.75	
03 37 13 00-0006	SF			3" Thick Shotcrete, Fiber Reinforced	12.23	
				For Up To 25 SF, Add	1.76	
				For >25 To 50 SF, Add	0.97	
				For >50 To 150, Add	0.27	
				For High Strength Shotcrete Repair, Add	3.16	
				For Polymer Modified Shotcrete, Add	3.31	
03 37 13 00-0007	SF			4" Thick Shotcrete, Fiber Reinforced	15.83	
				For Up To 25 SF, Add	2.23	
				For >25 To 50 SF, Add	1.22	
				For >50 To 150, Add	0.32	
				For High Strength Shotcrete Repair, Add	4.03	
				For Polymer Modified Shotcrete, Add	4.32	
03 37 13 00-0008	SF			6" Thick Shotcrete, Fiber Reinforced	22.52	
				For Up To 25 SF, Add	3.04	
				For >25 To 50 SF, Add	1.65	
				For >50 To 150, Add	0.39	
				For High Strength Shotcrete Repair, Add	5.55	
				For Polymer Modified Shotcrete, Add	6.23	

03 37 13 00-0009 Gunite (Dry Mix Shotcrete), Sprayed (03 37 13)
 See CSI section 03 22 11 00-0001 for wire mesh reinforcing.

03 37 13 00-0010	SF			1" Thick Gunite (Dry Mix Shotcrete), Sprayed	4.00	
				For Radius Or Irregular Surface, Add	0.82	
				For Up To 25 SF, Add	0.71	
				For >25 To 50, Add	0.40	
				For >50 To 150 SF, Add	0.15	
03 37 13 00-0011	SF			2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.58	
				For Radius Or Irregular Surface, Add	1.46	
				For Up To 25 SF, Add	1.31	
				For >25 To 50, Add	0.75	
				For >50 To 150 SF, Add	0.27	
03 37 13 00-0012	SF			3" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.82	
				For Radius Or Irregular Surface, Add	1.98	
				For Up To 25 SF, Add	1.82	
				For >25 To 50, Add	1.04	
				For >50 To 150 SF, Add	0.37	
03 37 13 00-0013	SF			4" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.77	
				For Radius Or Irregular Surface, Add	2.37	
				For Up To 25 SF, Add	2.27	
				For >25 To 50, Add	1.28	
				For >50 To 150 SF, Add	0.44	
03 37 13 00-0014	SF			5" Thick Gunite (Dry Mix Shotcrete), Sprayed	16.46	
				For Radius Or Irregular Surface, Add	2.66	
				For Up To 25 SF, Add	2.65	
				For >25 To 50, Add	1.49	
				For >50 To 150 SF, Add	0.50	
03 37 13 00-0015	SF			6" Thick Gunite (Dry Mix Shotcrete), Sprayed	18.96	
				For Radius Or Irregular Surface, Add	2.88	
				For Up To 25 SF, Add	2.98	
				For >25 To 50, Add	1.67	
				For >50 To 150 SF, Add	0.54	
03 37 13 00-0016	SF			8" Thick Gunite (Dry Mix Shotcrete), Sprayed	24.32	
				For Radius Or Irregular Surface, Add	3.46	
				For Up To 25 SF, Add	3.73	
				For >25 To 50, Add	2.08	
				For >50 To 150 SF, Add	0.65	
03 37 13 00-0017	SF			10" Thick Gunite (Dry Mix Shotcrete), Sprayed	29.32	
				For Radius Or Irregular Surface, Add	3.89	
				For Up To 25 SF, Add	4.39	
				For >25 To 50, Add	2.44	
				For >50 To 150 SF, Add	0.73	
03 37 13 00-0018	SF			12" Thick Gunite (Dry Mix Shotcrete), Sprayed	34.02	
				For Radius Or Irregular Surface, Add	4.20	
				For Up To 25 SF, Add	4.98	
				For >25 To 50, Add	2.75	
				For >50 To 150 SF, Add	0.79	

03 39 Concrete Curing (03 30)

03 39 13 Water Concrete Curing (03 39)

03 39 13 00-0001 Water Concrete Curing (03 39 13)

03 39 13 00-0002	GAL			Water Based Curing, Sealing, Hardening And Dustproofing Compound	18.70	
				Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.		

03	Concrete
03 30	Cast-In-Place Concrete
03 39	Concrete Curing

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

03 39 23 Membrane Concrete Curing (03 39)**03 39 23 23 Sheet Membrane Concrete Curing** (03 39 23)**03 39 23 23-0001 Concrete Curing Materials And Compounds** (03 39 23 23)

03 39 23 23-0002	CSF	7.5 Oz Burlap, Concrete Curing Blanket	31.79	
03 39 23 23-0003	CSF	9 Oz Burlap, Concrete Curing Blanket	30.33	
03 39 23 23-0004	CSF	12 Oz Burlap, Concrete Curing Blanket	34.41	
03 39 23 23-0005	CSF	2 Ply Reinforced, Concrete Curing Waterproof Paper	31.70	
03 39 23 23-0006	CSF	Curing Paper	10.83	

03 39 33 Concrete Surface Treatments (03 39)**03 39 33 00-0001 Concrete Surface Treatments** (03 39 33)

03 39 33 00-0002	GAL	Acrylic Latex Bonding Agent, 250 SF Per Gallon	100.32	
03 39 33 00-0003	GAL	Epoxy Resin Bonding Agent, 80 SF Per Gallon	169.43	
03 39 33 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproof	0.23	
		Note: 300 SF/GAL		
03 39 33 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproof	0.24	
		Note: 300 SF/GAL		
03 39 33 00-0006	GAL	Clear Acrylic Sealer, Hardener And Dustproof, 300 SF Per Gallon	68.50	
03 39 33 00-0007	GAL	Colored Acrylic Sealer, Hardener And Dustproof, 300 SF Per Gallon	71.14	
03 39 33 00-0008	SF	XYPEX Concrete Waterproofing System	3.84	
		Note: Includes a single coat of each XYPEX Concentrate and XYPEX Modified		

03 39 33 00-0009 Shake On Floor Hardeners (03 39 33)

03 39 33 00-0010	SF	0.3 LB/SF, Metallic, Shake On Floor Hardener	0.96	
03 39 33 00-0011	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.51	
03 39 33 00-0012	SF	0.3 LB/SF, Non Metallic, Shake On Floor Hardener	0.91	
03 39 33 00-0013	SF	0.65 LB/SF, Non Metallic, Shake On Floor Hardener	1.12	

03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Material prices include the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete (03 41)**03 41 16 Precast Concrete Slabs** (03 41)**03 41 16 00-0001 Flat Floor Slab/Floor Plank** (03 41 16)**03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane** (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane	265.87	212.71
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	295.56	236.40
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	313.84	251.05
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	332.70	266.18
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	356.05	284.83
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	380.52	304.42
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	408.62	326.87
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	444.41	355.51
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	483.20	386.62

03 41 16 00-0012 Material Cost (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	12.54	
		For 3,500 PSI Concrete, Add	0.25	
		For 4,000 PSI Concrete, Add	0.38	
		For 4,500 PSI Concrete, Add	0.50	
		For 5,000 PSI Concrete, Add	0.75	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	15.05	
		For 3,500 PSI Concrete, Add	0.30	
		For 4,000 PSI Concrete, Add	0.45	
		For 4,500 PSI Concrete, Add	0.60	
		For 5,000 PSI Concrete, Add	0.90	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	18.40	
		For 3,500 PSI Concrete, Add	0.37	
		For 4,000 PSI Concrete, Add	0.55	
		For 4,500 PSI Concrete, Add	0.74	
		For 5,000 PSI Concrete, Add	1.10	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect	24.42	
		For 3,500 PSI Concrete, Add	0.49	
		For 4,000 PSI Concrete, Add	0.73	
		For 4,500 PSI Concrete, Add	0.98	
		For 5,000 PSI Concrete, Add	1.47	

03 41 16 00-0017 Floor Units, Combination Beam And Slab (03 41 16)**03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane** (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

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

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane	329.43		263.54
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	359.06		287.29
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	396.86		317.45
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	440.67		352.51
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	495.35		396.25

03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane	415.04		332.05
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	452.37		361.87
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane.....	499.99		400.02
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane.....	555.19		444.17
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane.....	624.08		499.31
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane.....	678.56		542.81
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane.....	749.99		599.99
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane.....	830.08		664.11
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane.....	939.54		751.64

03 41 16 00-0034 Material Cost (03 41 16 00-0017)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

03 41 16 00-0035 4" Slab (03 41 16 00-0034)

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	1,321.28		
		For 3,500 PSI Concrete, Add	26.43		
		For 4,000 PSI Concrete, Add	39.64		
		For 4,500 PSI Concrete, Add	52.85		
		For 5,000 PSI Concrete, Add	79.28		
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	1,338.00		
		For 3,500 PSI Concrete, Add	26.76		
		For 4,000 PSI Concrete, Add	40.14		
		For 4,500 PSI Concrete, Add	53.52		
		For 5,000 PSI Concrete, Add	80.28		
03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	1,505.25		
		For 3,500 PSI Concrete, Add	30.11		
		For 4,000 PSI Concrete, Add	45.16		
		For 4,500 PSI Concrete, Add	60.21		
		For 5,000 PSI Concrete, Add	90.32		

03 41 16 00-0039 5" Slab (03 41 16 00-0034)

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	1,354.73		
		For 3,500 PSI Concrete, Add	27.09		
		For 4,000 PSI Concrete, Add	40.64		
		For 4,500 PSI Concrete, Add	54.19		
		For 5,000 PSI Concrete, Add	81.28		
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	1,404.90		
		For 3,500 PSI Concrete, Add	28.10		
		For 4,000 PSI Concrete, Add	42.15		
		For 4,500 PSI Concrete, Add	56.20		
		For 5,000 PSI Concrete, Add	84.29		
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	1,789.58		
		For 3,500 PSI Concrete, Add	35.79		
		For 4,000 PSI Concrete, Add	53.69		
		For 4,500 PSI Concrete, Add	71.58		
		For 5,000 PSI Concrete, Add	107.37		

03 41 16 00-0043 6" Slab (03 41 16 00-0034)

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	1,404.90		
		For 3,500 PSI Concrete, Add	28.10		
		For 4,000 PSI Concrete, Add	42.15		
		For 4,500 PSI Concrete, Add	56.20		
		For 5,000 PSI Concrete, Add	84.29		
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	1,672.50		
		For 3,500 PSI Concrete, Add	33.45		
		For 4,000 PSI Concrete, Add	50.18		
		For 4,500 PSI Concrete, Add	66.90		
		For 5,000 PSI Concrete, Add	100.35		
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	2,040.45		
		For 3,500 PSI Concrete, Add	40.81		
		For 4,000 PSI Concrete, Add	61.21		
		For 4,500 PSI Concrete, Add	81.62		
		For 5,000 PSI Concrete, Add	122.43		

03 41 19 Precast Concrete Wall Panels (03 41)

03 41 19 00-0001 Structural Wall Panels (03 41 19)

Note: Gray, smooth form or board finish one side.

03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	260.44		208.37
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	289.52		231.57

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	325.91	260.74
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	348.78	279.01
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	372.75	298.20
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	400.28	320.19
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	435.34	348.25
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	473.33	378.72

03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	296.35	237.05
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	329.43	263.54
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	370.84	296.71
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	396.86	317.45
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	424.15	339.32
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	455.46	364.39
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	495.35	396.25
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	538.59	430.83
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	595.29	476.27
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	658.87	527.06
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	745.74	596.63
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	848.28	678.63
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	983.52	786.83

03 41 19 00-0025 Material Cost (03 41 19 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	16.72	
		For 3,500 PSI Concrete, Add	0.33	
		For 4,000 PSI Concrete, Add	0.50	
		For 4,500 PSI Concrete, Add	0.67	
		For 5,000 PSI Concrete, Add	1.00	
		For White Facing, Add	3.34	
		For Solid White Through Thickness, Add	3.34	
		For Broken Rib Finish, Add	1.67	
		For Fluted Surface, Add	1.67	
		For Exposed Aggregate, Add	3.34	
		For Sandblasting Of Surface, Add	1.67	
		For 2" Polystyrene Insulation, Add	1.15	
		For 2" Polystyrene Insulation, Add	0.19	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	20.57	
		For 3,500 PSI Concrete, Add	0.41	
		For 4,000 PSI Concrete, Add	0.62	
		For 4,500 PSI Concrete, Add	0.82	
		For 5,000 PSI Concrete, Add	1.23	
		For White Facing, Add	4.11	
		For Solid White Through Thickness, Add	4.11	
		For Broken Rib Finish, Add	2.06	
		For Fluted Surface, Add	2.06	
		For Exposed Aggregate, Add	4.11	
		For Sandblasting Of Surface, Add	2.06	
		For 2" Polystyrene Insulation, Add	1.15	
		For 2" Polystyrene Insulation, Add	0.24	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	24.75	
		For 3,500 PSI Concrete, Add	0.50	
		For 4,000 PSI Concrete, Add	0.74	
		For 4,500 PSI Concrete, Add	0.99	
		For 5,000 PSI Concrete, Add	1.49	
		For White Facing, Add	4.95	
		For Solid White Through Thickness, Add	4.95	
		For Broken Rib Finish, Add	2.48	
		For Fluted Surface, Add	2.48	
		For Exposed Aggregate, Add	4.95	
		For Sandblasting Of Surface, Add	2.48	
		For 2" Polystyrene Insulation, Add	1.15	
		For 2" Polystyrene Insulation, Add	0.28	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	32.61	
		For 3,500 PSI Concrete, Add	0.65	
		For 4,000 PSI Concrete, Add	0.98	
		For 4,500 PSI Concrete, Add	1.30	
		For 5,000 PSI Concrete, Add	1.96	
		For White Facing, Add	6.52	
		For Solid White Through Thickness, Add	6.52	
		For Broken Rib Finish, Add	3.26	
		For Fluted Surface, Add	3.26	
		For Exposed Aggregate, Add	6.52	
		For Sandblasting Of Surface, Add	3.26	
		For 2" Polystyrene Insulation, Add	1.15	
		For 2" Polystyrene Insulation, Add	0.38	

03 41 19 00-0030 Partition Panels (03 41 19)**03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0032	EA	Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	215.25	172.16
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	239.28	191.44

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

03 41 19 00-0034	EA		Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	269.35	215.48
03 41 19 00-0035	EA		Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	308.07	246.46
03 41 19 00-0036	EA		Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	330.82	264.67
03 41 19 00-0037	EA		Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	359.79	287.83
03 41 19 00-0038	EA		Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	391.21	313.00
03 41 19 00-0039	EA		Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	432.38	345.92

03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0030)

Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0041	EA		Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	260.44	208.37
03 41 19 00-0042	EA		Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	289.52	231.57
03 41 19 00-0043	EA		Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	325.91	260.74
03 41 19 00-0044	EA		Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	372.75	298.20
03 41 19 00-0045	EA		Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	400.28	320.19
03 41 19 00-0046	EA		Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	435.34	348.25
03 41 19 00-0047	EA		Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	473.33	378.72
03 41 19 00-0048	EA		Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	523.16	418.51
03 41 19 00-0049	EA		Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	579.03	463.24
03 41 19 00-0050	EA		Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	655.39	524.28
03 41 19 00-0051	EA		Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	745.51	596.41
03 41 19 00-0052	EA		Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	864.35	691.45

03 41 19 00-0053 Material Cost (03 41 19 00-0030)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.

03 41 19 00-0054	SF	4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	15.89	
		<i>For 4,000 PSI Concrete, Add</i>	0.48	
		<i>For 4,500 PSI Concrete, Add</i>	0.64	
		<i>For 5,000 PSI Concrete, Add</i>	0.95	
		<i>For White Facing, Add</i>	3.18	
		<i>For Solid White Through Thickness, Add</i>	3.18	
		<i>For Broken Rib Finish, Add</i>	1.59	
		<i>For Fluted Surface, Add</i>	1.59	
		<i>For Exposed Aggregate, Add</i>	3.18	
		<i>For Sandblasting Of Surface, Add</i>	1.59	
03 41 19 00-0055	SF	5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	19.57	
		<i>For 4,000 PSI Concrete, Add</i>	0.59	
		<i>For 4,500 PSI Concrete, Add</i>	0.78	
		<i>For 5,000 PSI Concrete, Add</i>	1.17	
		<i>For White Facing, Add</i>	3.91	
		<i>For Solid White Through Thickness, Add</i>	3.91	
		<i>For Broken Rib Finish, Add</i>	1.96	
		<i>For Fluted Surface, Add</i>	1.96	
		<i>For Exposed Aggregate, Add</i>	3.91	
		<i>For Sandblasting Of Surface, Add</i>	1.96	
03 41 19 00-0056	SF	6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	23.42	
		<i>For 4,000 PSI Concrete, Add</i>	0.70	
		<i>For 4,500 PSI Concrete, Add</i>	0.94	
		<i>For 5,000 PSI Concrete, Add</i>	1.41	
		<i>For White Facing, Add</i>	4.68	
		<i>For Solid White Through Thickness, Add</i>	4.68	
		<i>For Broken Rib Finish, Add</i>	2.34	
		<i>For Fluted Surface, Add</i>	2.34	
		<i>For Exposed Aggregate, Add</i>	4.68	
		<i>For Sandblasting Of Surface, Add</i>	2.34	
03 41 19 00-0057	SF	8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	30.94	
		<i>For 4,000 PSI Concrete, Add</i>	0.93	
		<i>For 4,500 PSI Concrete, Add</i>	1.24	
		<i>For 5,000 PSI Concrete, Add</i>	1.86	
		<i>For White Facing, Add</i>	6.19	
		<i>For Solid White Through Thickness, Add</i>	6.19	
		<i>For Broken Rib Finish, Add</i>	3.09	
		<i>For Fluted Surface, Add</i>	3.09	
		<i>For Exposed Aggregate, Add</i>	6.19	
		<i>For Sandblasting Of Surface, Add</i>	3.09	

03 41 19 00-0058 Cladding Panels (03 41 19)
03 41 19 00-0059 Erection Costs Using 50 Ton Hydraulic Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0060	EA		Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	274.84	219.83
03 41 19 00-0061	EA		Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	307.43	245.92
03 41 19 00-0062	EA		Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	348.78	279.01
03 41 19 00-0063	EA		Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	372.75	298.20
03 41 19 00-0064	EA		Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	400.28	320.19
03 41 19 00-0065	EA		Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	435.34	348.25
03 41 19 00-0066	EA		Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	473.33	378.72
03 41 19 00-0067	EA		Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	523.16	418.51

03 41 19 00-0068 Erection Costs Using 90 Ton Crawler Crane (03 41 19 00-0058)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0069	EA		Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	312.73	250.15
------------------	----	--	---	--------	--------

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 41 19 00-0070	EA	Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	349.81	279.84
03 41 19 00-0071	EA	Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	396.86	317.45
03 41 19 00-0072	EA	Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	424.15	339.32
03 41 19 00-0073	EA	Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	455.46	364.39
03 41 19 00-0074	EA	Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	495.35	396.25
03 41 19 00-0075	EA	Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	538.59	430.83
03 41 19 00-0076	EA	Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	595.29	476.27
03 41 19 00-0077	EA	Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	658.87	527.06
03 41 19 00-0078	EA	Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	745.74	596.63
03 41 19 00-0079	EA	Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	848.28	687.63
03 41 19 00-0080	EA	Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	983.52	786.83

03 41 19 00-0081**Material Cost** (03 41 19 00-0058)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	15.89	
		For 3,500 PSI Concrete, Add	0.32	
		For 4,000 PSI Concrete, Add	0.48	
		For 4,500 PSI Concrete, Add	0.64	
		For 5,000 PSI Concrete, Add	0.95	
		For White Facing, Add	3.18	
		For Solid White Through Thickness, Add	3.18	
		For Broken Rib Finish, Add	1.59	
		For Fluted Surface, Add	1.59	
		For Exposed Aggregate, Add	3.18	
		For Sandblasting Of Surface, Add	1.59	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	19.57	
		For 3,500 PSI Concrete, Add	0.39	
		For 4,000 PSI Concrete, Add	0.59	
		For 4,500 PSI Concrete, Add	0.78	
		For 5,000 PSI Concrete, Add	1.17	
		For White Facing, Add	3.91	
		For Solid White Through Thickness, Add	3.91	
		For Broken Rib Finish, Add	1.96	
		For Fluted Surface, Add	1.96	
		For Exposed Aggregate, Add	3.91	
		For Sandblasting Of Surface, Add	1.96	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	23.42	
		For 3,500 PSI Concrete, Add	0.47	
		For 4,000 PSI Concrete, Add	0.70	
		For 4,500 PSI Concrete, Add	0.94	
		For 5,000 PSI Concrete, Add	1.41	
		For White Facing, Add	4.68	
		For Solid White Through Thickness, Add	4.68	
		For Broken Rib Finish, Add	2.34	
		For Fluted Surface, Add	2.34	
		For Exposed Aggregate, Add	4.68	
		For Sandblasting Of Surface, Add	2.34	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	30.94	
		For 3,500 PSI Concrete, Add	0.62	
		For 4,000 PSI Concrete, Add	0.93	
		For 4,500 PSI Concrete, Add	1.24	
		For 5,000 PSI Concrete, Add	1.86	
		For White Facing, Add	6.19	
		For Solid White Through Thickness, Add	6.19	
		For Broken Rib Finish, Add	3.09	
		For Fluted Surface, Add	3.09	
		For Exposed Aggregate, Add	6.19	
		For Sandblasting Of Surface, Add	3.09	

03 41 19 00-0086**Sandwich Panel** (03 41 19)**03 41 19 00-0087****Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	274.84	219.83
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	307.43	245.92
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	348.78	279.01
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	372.75	298.20
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	400.28	320.19
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	435.34	348.25
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	473.33	378.72
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	523.16	418.51

03 41 19 00-0096**Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA	Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	280.57	224.42
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	313.84	251.05
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	356.05	284.83
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	380.52	304.42
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	408.62	326.87
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	444.41	355.51
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	483.20	386.62
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	534.07	427.24
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	591.11	472.90

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

03 41 19 00-0106	EA		Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	669.06	535.21
03 41 19 00-0107	EA		Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	761.06	608.84
03 41 19 00-0108	EA		Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	882.38	705.87

03 41 19 00-0109
Material Cost (03 41 19 00-0096)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF	4"	Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	21.74	
			<i>For 3,500 PSI Concrete, Add</i>	0.43	
			<i>For 4,000 PSI Concrete, Add</i>	0.65	
			<i>For 4,500 PSI Concrete, Add</i>	0.87	
			<i>For 5,000 PSI Concrete, Add</i>	1.30	
			<i>For White Facing, Add</i>	4.35	
			<i>For Solid White Through Thickness, Add</i>	4.35	
			<i>For Broken Rib Finish, Add</i>	2.17	
			<i>For Fluted Surface, Add</i>	2.17	
			<i>For Exposed Aggregate, Add</i>	4.35	
			<i>For Sandblasting Of Surface, Add</i>	2.17	
03 41 19 00-0111	SF	5"	Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	25.59	
			<i>For 3,500 PSI Concrete, Add</i>	0.51	
			<i>For 4,000 PSI Concrete, Add</i>	0.77	
			<i>For 4,500 PSI Concrete, Add</i>	1.02	
			<i>For 5,000 PSI Concrete, Add</i>	1.54	
			<i>For White Facing, Add</i>	5.12	
			<i>For Solid White Through Thickness, Add</i>	5.12	
			<i>For Broken Rib Finish, Add</i>	2.56	
			<i>For Fluted Surface, Add</i>	2.56	
			<i>For Exposed Aggregate, Add</i>	5.12	
			<i>For Sandblasting Of Surface, Add</i>	2.56	
03 41 19 00-0112	SF	6"	Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	29.77	
			<i>For 3,500 PSI Concrete, Add</i>	0.60	
			<i>For 4,000 PSI Concrete, Add</i>	0.89	
			<i>For 4,500 PSI Concrete, Add</i>	1.19	
			<i>For 5,000 PSI Concrete, Add</i>	1.79	
			<i>For White Facing, Add</i>	5.95	
			<i>For Solid White Through Thickness, Add</i>	5.95	
			<i>For Broken Rib Finish, Add</i>	2.98	
			<i>For Fluted Surface, Add</i>	2.98	
			<i>For Exposed Aggregate, Add</i>	5.95	
			<i>For Sandblasting Of Surface, Add</i>	2.98	
03 41 19 00-0113	SF	8"	Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect.....	37.63	
			<i>For 3,500 PSI Concrete, Add</i>	0.75	
			<i>For 4,000 PSI Concrete, Add</i>	1.13	
			<i>For 4,500 PSI Concrete, Add</i>	1.51	
			<i>For 5,000 PSI Concrete, Add</i>	2.26	
			<i>For White Facing, Add</i>	7.53	
			<i>For Solid White Through Thickness, Add</i>	7.53	
			<i>For Broken Rib Finish, Add</i>	3.76	
			<i>For Fluted Surface, Add</i>	3.76	
			<i>For Exposed Aggregate, Add</i>	7.53	
			<i>For Sandblasting Of Surface, Add</i>	3.76	

03 41 23 Precast Concrete Stairs (03 41)
03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA		Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	289.52	231.57
03 41 23 00-0003	EA		Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	307.43	245.92
03 41 23 00-0004	EA		Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	325.91	260.74
03 41 23 00-0005	EA		Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	348.78	279.01
03 41 23 00-0006	EA		Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	372.75	298.20
03 41 23 00-0007	EA		Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	400.28	320.19
03 41 23 00-0008	EA		Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	435.34	348.25
03 41 23 00-0009	EA		Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	473.33	378.72

03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA		Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	289.52	231.57
03 41 23 00-0012	EA		Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	307.43	245.92
03 41 23 00-0013	EA		Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	325.91	260.74
03 41 23 00-0014	EA		Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	348.78	279.01
03 41 23 00-0015	EA		Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	372.75	298.20
03 41 23 00-0016	EA		Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	400.28	320.19
03 41 23 00-0017	EA		Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	435.34	348.25
03 41 23 00-0018	EA		Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	473.33	378.72

03 41 23 00-0019 Material Cost (03 41 23)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 41 23 00-020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	335.19	
		<i>For 3,500 PSI Concrete, Add</i>	43.74	
		<i>For 4,000 PSI Concrete, Add</i>	82.19	
		<i>For 4,500 PSI Concrete, Add</i>	120.80	
		<i>For 5,000 PSI Concrete, Add</i>	164.34	

03 41 26 Precast Concrete Structural Sections (03 41)**03 41 26 00-0001 Precast Beams, Girder And Joists (03 41 26)****03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0003	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	370.84	296.71
03 41 26 00-0004	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	396.86	317.45
03 41 26 00-0005	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane.....	424.15	339.32
03 41 26 00-0006	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane.....	455.46	364.39

03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane (03 41 26 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 26 00-0008	EA	Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane.....	467.20	373.73
03 41 26 00-0009	EA	Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane.....	499.99	400.02
03 41 26 00-0010	EA	Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane.....	534.36	427.49
03 41 26 00-0011	EA	Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane.....	573.82	459.02
03 41 26 00-0012	EA	Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane.....	624.08	499.31
03 41 26 00-0013	EA	Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane.....	678.56	542.81
03 41 26 00-0014	EA	Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane.....	749.99	599.99
03 41 26 00-0015	EA	Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane.....	830.08	664.11

03 41 26 00-0016 Material Cost (03 41 26 00-0001)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.

03 41 26 00-0017 1,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0018	LF	Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	67.03	
		<i>For 3,500 PSI Concrete, Add</i>	1.83	
		<i>For 4,000 PSI Concrete, Add</i>	2.75	
		<i>For 4,500 PSI Concrete, Add</i>	3.66	
		<i>For 5,000 PSI Concrete, Add</i>	5.50	
03 41 26 00-0019	LF	Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	83.78	
		<i>For 3,500 PSI Concrete, Add</i>	2.29	
		<i>For 4,000 PSI Concrete, Add</i>	3.43	
		<i>For 4,500 PSI Concrete, Add</i>	4.57	
		<i>For 5,000 PSI Concrete, Add</i>	6.87	
03 41 26 00-0020	LF	Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	100.54	
		<i>For 3,500 PSI Concrete, Add</i>	2.74	
		<i>For 4,000 PSI Concrete, Add</i>	4.12	
		<i>For 4,500 PSI Concrete, Add</i>	5.49	
		<i>For 5,000 PSI Concrete, Add</i>	8.24	

03 41 26 00-0021 3,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0022	LF	Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	83.78	
		<i>For 3,500 PSI Concrete, Add</i>	2.29	
		<i>For 4,000 PSI Concrete, Add</i>	3.43	
		<i>For 4,500 PSI Concrete, Add</i>	4.57	
		<i>For 5,000 PSI Concrete, Add</i>	6.87	
03 41 26 00-0023	LF	Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	100.54	
		<i>For 3,500 PSI Concrete, Add</i>	2.74	
		<i>For 4,000 PSI Concrete, Add</i>	4.12	
		<i>For 4,500 PSI Concrete, Add</i>	5.49	
		<i>For 5,000 PSI Concrete, Add</i>	8.24	
03 41 26 00-0024	LF	Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	134.06	
		<i>For 3,500 PSI Concrete, Add</i>	3.66	
		<i>For 4,000 PSI Concrete, Add</i>	5.50	
		<i>For 4,500 PSI Concrete, Add</i>	7.32	
		<i>For 5,000 PSI Concrete, Add</i>	10.99	

03 41 26 00-0025 5,000 LB/LF Live Load (03 41 26 00-0016)

03 41 26 00-0026	LF	Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	117.30	
		<i>For 3,500 PSI Concrete, Add</i>	3.20	
		<i>For 4,000 PSI Concrete, Add</i>	4.81	
		<i>For 4,500 PSI Concrete, Add</i>	6.40	
		<i>For 5,000 PSI Concrete, Add</i>	9.62	
03 41 26 00-0027	LF	Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	134.06	
		<i>For 3,500 PSI Concrete, Add</i>	3.66	
		<i>For 4,000 PSI Concrete, Add</i>	5.50	
		<i>For 4,500 PSI Concrete, Add</i>	7.32	
		<i>For 5,000 PSI Concrete, Add</i>	10.99	
03 41 26 00-0028	LF	Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	167.57	
		<i>For 3,500 PSI Concrete, Add</i>	4.57	
		<i>For 4,000 PSI Concrete, Add</i>	6.87	
		<i>For 4,500 PSI Concrete, Add</i>	9.15	
		<i>For 5,000 PSI Concrete, Add</i>	13.74	

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

03 41 26 00-0029	Precast Concrete Columns <small>(03 41 26)</small>		
03 41 26 00-0030	Erection Costs Using A 90 Ton Crawler Crane <small>(03 41 26 00-0029)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031	EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	212.88	170.29
03 41 26 00-0032	EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	226.33	181.03
03 41 26 00-0033	EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	242.57	194.07
03 41 26 00-0034	EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	260.19	208.15
03 41 26 00-0035	EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	280.57	224.42
03 41 26 00-0036	EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	304.42	243.54
03 41 26 00-0037	EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	332.70	266.18

03 41 26 00-0038	Material Cost <small>(03 41 26 00-0029)</small> Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
------------------	---	--	--

03 41 26 00-0039	12" x 12" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0040	CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	346.92	
	For 3,500 PSI Concrete, Add	26.02	
	For 4,000 PSI Concrete, Add	48.92	
	For 4,500 PSI Concrete, Add	72.16	
	For 5,000 PSI Concrete, Add	98.18	

03 41 26 00-0041	16" x 16" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0042	CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	355.49	
	For 3,500 PSI Concrete, Add	26.66	
	For 4,000 PSI Concrete, Add	50.12	
	For 4,500 PSI Concrete, Add	73.94	
	For 5,000 PSI Concrete, Add	100.60	

03 41 26 00-0043	20" x 20" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0044	CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	356.17	
	For 3,500 PSI Concrete, Add	26.71	
	For 4,000 PSI Concrete, Add	50.22	
	For 4,500 PSI Concrete, Add	74.08	
	For 5,000 PSI Concrete, Add	100.80	

03 41 26 00-0045	24" x 24" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0046	CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	356.17	
	For 3,500 PSI Concrete, Add	26.71	
	For 4,000 PSI Concrete, Add	50.22	
	For 4,500 PSI Concrete, Add	74.08	
	For 5,000 PSI Concrete, Add	100.80	

03 41 26 00-0047	28" x 28" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0048	CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	356.17	
	For 3,500 PSI Concrete, Add	26.71	
	For 4,000 PSI Concrete, Add	50.22	
	For 4,500 PSI Concrete, Add	74.08	
	For 5,000 PSI Concrete, Add	100.80	

03 41 26 00-0049	32" x 32" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0050	CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	355.49	
	For 3,500 PSI Concrete, Add	26.66	
	For 4,000 PSI Concrete, Add	50.12	
	For 4,500 PSI Concrete, Add	73.94	
	For 5,000 PSI Concrete, Add	100.60	

03 41 26 00-0051	36" x 36" Column, Square, Tied <small>(03 41 26 00-0038)</small>		
03 41 26 00-0052	CY 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	356.17	
	For 3,500 PSI Concrete, Add	26.71	
	For 4,000 PSI Concrete, Add	50.22	
	For 4,500 PSI Concrete, Add	74.08	
	For 5,000 PSI Concrete, Add	100.80	

03 41 33 Precast Structural Pretensioned Concrete (03 41)

03 41 33 00-0001	Slabs, Roof And Floor Members <small>(03 41 33)</small>		
03 41 33 00-0002	SF 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor.....	8.07	1.73
03 41 33 00-0003	SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor.....	9.86	1.73
03 41 33 00-0004	SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor.....	11.65	1.81
03 41 33 00-0005	SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor.....	13.45	1.89

03 41 33 00-0006	Tee Members <small>(03 41 33)</small>		
------------------	---------------------------------------	--	--

03 41 33 00-0007	Multiple Tee, Roof And Floor <small>(03 41 33 00-0006)</small>		
------------------	--	--	--

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0008	SF		Prestressed Multiple Tee, Roof And Floor Members	17.20	2.24
03 41 33 00-0009			Double Tee Wall Member (03 41 33 00-0006)		
03 41 33 00-0010	SF		Prestressed Double Tee Wall Members Precast Concrete, <40' Span.....	26.10	6.12
03 41 33 00-0011			Single Tee, Short Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0012	SF		Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span.....	20.86	3.71
03 41 33 00-0013			Single Tee, Long Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0014	SF		Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	24.32	3.19
03 41 33 00-0015			Prestressed Concrete Items (03 41 33)		
03 41 33 00-0016			Prestressed Quad Tee (03 41 33 00-0015)		
03 41 33 00-0017	SF		Tees, Prestressed Quad Tee, Short Spans, Roof.....	11.93	0.69
03 41 33 00-0018	SF		Tees, Prestressed Quad Tee, Short Spans, Floor	12.43	0.69
03 41 33 00-0019			Prestressed Double Tee (03 41 33 00-0015)		
03 41 33 00-0020	SF		Tees, Double Tee, Floor Members , 60' Span	19.51	0.60
03 41 33 00-0021	SF		Tees, Double Tee, Floor Members , 80' Span	26.75	0.60
03 41 33 00-0022	SF		Tees, Double Tee, Roof Members, 30' Span.....	13.67	1.03
03 41 33 00-0023	SF		Tees, Double Tee, Roof Members, 50' Span.....	20.69	0.69
03 41 33 00-0024	SF		Tees, Double Tee, Wall Members, Up To 55' High.....	14.98	1.38
03 41 33 00-0025			Prestressed Single Tee (03 41 33 00-0015)		
03 41 33 00-0026	SF		Tees, Single Tee Roof Members, 40' Span	23.60	1.55
03 41 33 00-0027	SF		Tees, Single Tee Roof Members, 80' Span	26.82	0.95
03 41 33 00-0028	SF		Tees, Single Tee Roof Members, 100' Span	35.25	0.86
03 41 33 00-0029	SF		Tees, Single Tee Roof Members, 120' Span	37.09	0.86
03 41 33 00-0030			Prestressed Double Tee Floor Members (03 41 33 00-0015)		
03 41 33 00-0031	EA		Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	6,008.43	248.21
03 41 33 00-0032	EA		Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	6,545.65	275.79
03 41 33 00-0033	EA		Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	10,862.28	310.27
03 41 33 00-0034	EA		Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	2,427.29	225.72
03 41 33 00-0035	EA		Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	3,159.37	248.21
03 41 33 00-0036	EA		Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 30'	3,997.33	248.21
03 41 33 00-0037	EA		Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	4,450.75	275.79
03 41 33 00-0038	EA		Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	5,666.93	310.27
03 41 33 00-0039	EA		Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	10,079.93	354.74
03 41 33 00-0040			Prestressed Double Tee Roof Members (03 41 33 00-0015)		
03 41 33 00-0041	EA		Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	4,751.49	248.21
03 41 33 00-0042	EA		Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	6,210.46	275.79
03 41 33 00-0043	EA		Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	10,108.12	310.27
03 41 33 00-0044	EA		Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	3,214.97	225.72
03 41 33 00-0045	EA		Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	3,393.99	248.21
03 41 33 00-0046	EA		Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	3,745.94	248.21
03 41 33 00-0047	EA		Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	3,864.17	275.79
03 41 33 00-0048	EA		Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	5,080.36	310.27
03 41 33 00-0049	EA		Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	8,655.40	354.74
03 41 33 00-0050			Plant Produced Prestensioned Precast Concrete Hollow Core Slab (03 41 33)		
03 41 33 00-0051	SF		Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Prestensioned Precast Concrete	12.53	
03 41 33 00-0052	SF		Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Prestensioned Precast Concrete	13.08	
03 41 33 00-0053	SF		Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Prestensioned Precast Concrete	13.79	
03 41 33 00-0054	SF		Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Prestensioned Precast Concrete	14.35	
03 41 33 00-0055	SF		Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Prestensioned Precast Concrete	15.46	
03 41 33 00-0056			Double And Single Tees (03 41 33)		
03 41 33 00-0057			Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0058	SF		Double Tee With 16" Roof Loading, 30' Span, Prestensioned Precast Concrete	15.32	
03 41 33 00-0059	SF		Double Tee With 16" Roof Loading, 40' Span, Prestensioned Precast Concrete	14.94	
03 41 33 00-0060	SF		Double Tee With 16" Roof Loading, 45' Span, Prestensioned Precast Concrete	14.09	
03 41 33 00-0061	SF		Double Tee With 16" Floor Loading, 30' Span, Prestensioned Precast Concrete.....	15.32	
03 41 33 00-0062	SF		Double Tee With 16" Floor Loading, 40' Span, Prestensioned Precast Concrete.....	15.24	
03 41 33 00-0063	SF		Single Tee With 16" Roof Loading, 30' Span, Prestensioned Precast Concrete.....	23.16	
03 41 33 00-0064	SF		Single Tee With 16" Roof Loading, 40' Span, Prestensioned Precast Concrete.....	22.63	
03 41 33 00-0065	SF		Single Tee With 16" Roof Loading, 45' Span, Prestensioned Precast Concrete.....	21.18	
03 41 33 00-0066	SF		Single Tee With 16" Floor Loading, 30' Span, Prestensioned Precast Concrete.....	23.16	
03 41 33 00-0067	SF		Single Tee With 16" Floor Loading, 40' Span, Prestensioned Precast Concrete.....	21.72	

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

03 41 33 00-0068		Double And Single Tees With 24" Roof And Floor Loading <small>(03 41 33 00-0056)</small>		
03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	15.77	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	15.39	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	14.85	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	15.77	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	15.24	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	23.76	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	23.23	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	22.39	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	23.76	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	23.08	

03 41 33 00-0079		Double And Single Tees With 32" Roof And Floor Loading <small>(03 41 33 00-0056)</small>		
03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	16.66	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	16.11	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	15.56	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	25.26	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	24.41	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	23.40	

03 48 Precast Concrete Specialties (03 40)

03 48 16 Precast Concrete Splash Blocks (03 48)

03 48 16 00-0001		Precast Concrete Splash Blocks <small>(03 48 16)</small>		
03 48 16 00-0002	EA	Precast Concrete Splash Blocks, Standard Size	19.17	3.15

03 48 21 Precast Concrete Handrails (03 48)

03 48 21 00-0001		Installation Cost <small>(03 48 21)</small>		
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.				
03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail	122.11	54.98
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail	146.44	65.88

03 48 21 00-0004 Material Cost (03 48 21)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.				
03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail	1,324.02	
		For 3,500 PSI Concrete, Add	86.39	
		For 4,000 PSI Concrete, Add	162.32	
		For 4,500 PSI Concrete, Add	238.59	
		For 5,000 PSI Concrete, Add	324.58	
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail	1,374.30	
		For 3,500 PSI Concrete, Add	89.67	
		For 4,000 PSI Concrete, Add	168.49	
		For 4,500 PSI Concrete, Add	247.65	
		For 5,000 PSI Concrete, Add	336.91	
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail	1,424.58	
		For 3,500 PSI Concrete, Add	92.95	
		For 4,000 PSI Concrete, Add	174.65	
		For 4,500 PSI Concrete, Add	256.71	
		For 5,000 PSI Concrete, Add	349.24	
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail	1,491.62	
		For 3,500 PSI Concrete, Add	97.33	
		For 4,000 PSI Concrete, Add	182.87	
		For 4,500 PSI Concrete, Add	268.79	
		For 5,000 PSI Concrete, Add	365.67	

03 48 22 Precast Concrete Sun Screen And Trellis (03 48)

03 48 22 00-0001		Sun Screen Blades <small>(03 48 22)</small>		
03 48 22 00-0002		Installation Cost <small>(03 48 22 00-0001)</small>		
Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.				
03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each	61.05	27.49
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each	73.35	32.99
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each	91.64	41.28

03 48 22 00-0006 Material Cost (03 48 22 00-0001)

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.				
03 48 22 00-0007	CY	4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	1,407.82	
		For 3,500 PSI Concrete, Add	91.86	
		For 4,000 PSI Concrete, Add	172.60	
		For 4,500 PSI Concrete, Add	253.69	
		For 5,000 PSI Concrete, Add	345.13	
03 48 22 00-0008	CY	5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	1,458.10	
		For 3,500 PSI Concrete, Add	95.14	
		For 4,000 PSI Concrete, Add	178.76	
		For 4,500 PSI Concrete, Add	262.75	
		For 5,000 PSI Concrete, Add	357.45	

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,525.14 99.52 186.98 274.83 373.89	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,592.18 103.89 195.20 286.91 390.32	
03 48 22 00-0011			Sun Screen/Trellis Units (03 48 22)		
03 48 22 00-0012			Installation Cost Using A 50 Ton Hydraulic Crane (03 48 22 00-0011) Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA		Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	274.84	123.66
03 48 22 00-0014	EA		Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	307.43	138.39
03 48 22 00-0015	EA		Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	348.78	156.93
03 48 22 00-0016	EA		Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	372.75	167.74
03 48 22 00-0017			Material Cost (03 48 22 00-0011) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY		4" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,625.70 106.08 199.31 292.95 398.54	
03 48 22 00-0019	CY		5" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,675.98 109.36 205.48 302.01 410.87	
03 48 22 00-0020	CY		6" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,743.02 113.73 213.69 314.09 427.30	
03 48 22 00-0021	CY		8" Thick 3,000 PSI Concrete Precast Trellises Blades For 3,500 PSI Concrete, Add For 4,000 PSI Concrete, Add For 4,500 PSI Concrete, Add For 5,000 PSI Concrete, Add	1,826.81 119.20 223.97 329.19 447.84	
03 48 24			Precast Minaret Segments (03 48)		
03 48 24 00-0001			Installation Costs Using A 50 Ton Hydraulic Crane (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002			L - Shaped Segments (03 48 24 00-0001)		
03 48 24 00-0003	EA		Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	267.45	213.96
03 48 24 00-0004	EA		Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	299.70	239.77
03 48 24 00-0005	EA		Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	338.86	271.09
03 48 24 00-0006	EA		Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	361.46	289.17
03 48 24 00-0007			O - Shaped Segments (03 48 24 00-0001)		
03 48 24 00-0008	EA		Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	282.66	226.17
03 48 24 00-0009	EA		Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	317.24	253.75
03 48 24 00-0010	EA		Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	359.28	287.40
03 48 24 00-0011	EA		Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	384.78	307.80
03 48 24 00-0012			Platform Segment (03 48 24 00-0001)		
03 48 24 00-0013	EA		Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane.....	542.18	433.79
03 48 24 00-0014	EA		Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane.....	655.39	524.28
03 48 24 00-0015	EA		Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane.....	727.32	581.87
03 48 24 00-0016	EA		Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane.....	816.99	653.62
03 48 24 00-0017			Cap Segment (03 48 24 00-0001)		
03 48 24 00-0018	EA		Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	296.71	237.35
03 48 24 00-0019	EA		Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	331.34	265.03
03 48 24 00-0020	EA		Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	377.47	301.93
03 48 24 00-0021	EA		Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	402.97	322.34
03 48 24 00-0022			Installation Costs Using A 90 Ton Crawler Crane (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023			L - Shaped Segments (03 48 24 00-0022)		
03 48 24 00-0024	EA		Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	273.03	218.42
03 48 24 00-0025	EA		Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	305.96	244.77
03 48 24 00-0026	EA		Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	345.93	276.74
03 48 24 00-0027	EA		Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	369.00	295.20

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

03 48 24 00-0028		O - Shaped Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	288.55
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	323.85
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	366.77
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane	392.80

230.89
259.05
293.39
314.22

03 48 24 00-0033		Platform Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	441.19
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	534.07
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	591.11
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	669.06

352.94
427.24
472.90
535.21

03 48 24 00-0038		Cap Segment <small>(03 48 24 00-0022)</small>	
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	302.90
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	338.25
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	385.34
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	411.38

242.30
270.56
308.23
329.06

03 48 24 00-0043		Material Costs <small>(03 48 24)</small>	
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.	
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	4,022.12
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments Including Post Tension Cost, 3,000 PSI Concrete	4,022.12
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments Including Post Tension Cost, 3,000 PSI Concrete	4,022.12
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments Including Post Tension Cost, 3,000 PSI Concrete	4,022.12

03 48 29 Precast Accessories (03 48)

Note: Includes installation labor, material and equipment.

03 48 29 00-0001		Bearing Pads For Precast Members <small>(03 48 29)</small>	
03 48 29 00-0002		Continuous 2" Wide Strips <small>(03 48 29 00-0001)</small>	
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.21
		Note: For precast members	
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.77
		Note: For precast members.	
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	3.00
		Note: For precast members	
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	4.26
		Note: For precast members	
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	5.55
		Note: For precast members	
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	8.01
		Note: For precast members	

03 48 29 00-0009		Bearing Pad Pipe Supports <small>(03 48 29)</small>	
03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	6.90

03 48 46 Precast Skylight Shells (03 48)

03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane <small>(03 48 46)</small>	
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.	
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	396.86
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	440.67
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	495.35

178.61
198.31
222.91

03 48 46 00-0005		Material Cost <small>(03 48 46)</small>	
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.	
03 48 46 00-0006	CY	3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	1,682.73

03 48 49 Precast Landings (03 48)

03 48 49 00-0001	SF	3" Thick Precast Landing	47.95
03 48 49 00-0002	SF	4" Thick Precast Landing	55.58
03 48 49 00-0003	SF	5" Thick Precast Landing	63.56
03 48 49 00-0004	SF	6" Thick Precast Landing	73.39

03 50 Cast Decks And Underlayment (03)

03 51 Cast Roof Decks (03 50)

03 51 13 Cementitious Wood Fiber Decks (03 51)

03 51 13 00-0001		Cement Fiber Tongue And Groove Planks <small>(03 51 13)</small>	
03 51 13 00-0002	SF	1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.00
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.13
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.28

03 Concrete**03 50 Cast Decks And Underlayment****03 51 Cast Roof Decks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.76	
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.29	
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.87	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.61	

03 51 13 00-0009 Bulb Tees, Sub-Purlins And Grout (03 51 13)

03 51 13 00-0010	SF	6' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	1.27	
03 51 13 00-0011	SF	8' Span Bulb Tee, Sub-Purlins, Grout, Cement Wood Fiber System	2.00	

03 51 16 Gypsum Concrete Roof Decks (03 51)**03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)**

03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A	4.90	0.43
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	6.03	0.50
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	7.18	0.57
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	8.35	0.64
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	9.53	0.72

03 51 16 00-0007 Formboard For Lightweight Deck (03 51 16)

03 51 16 00-0008	SF	Gypsum Deck Formboard, 1/2" Drywall For Lightweight Deck	1.75	
03 51 16 00-0009	SF	Gypsum Deck Formboard, 1" Mineral Fiber Board For Lightweight Deck	2.36	
03 51 16 00-0010	SF	Gypsum Deck Formboard, 1-1/2" Mineral Fiber Board For Lightweight Deck	4.94	
03 51 16 00-0011	SF	Gypsum Deck Formboard, 1" Cementitious Fiber Board For Lightweight Deck	1.95	0.45
03 51 16 00-0012	SF	Gypsum Deck Formboard, 1-1/2" Cementitious Fiber Board For Lightweight Deck	2.37	0.45
03 51 16 00-0013	SF	Gypsum Deck Formboard, 1" Glass Fiber Board For Lightweight Deck	2.65	0.45
03 51 16 00-0014	SF	Gypsum Deck Formboard, 1-1/2" Glass Fiber Board For Lightweight Deck	3.28	0.45

03 51 16 00-0015 Board Deck Supports For Formboard (03 51 16)

03 51 16 00-0016	SF	Gypsum Deck Formboard Supports, 5' Bulb Tee 40 LB/SF, Span	0.75	0.16
03 51 16 00-0017	SF	Gypsum Deck Formboard Supports, 8' Bulb Tee 40 LB/SF Span	1.27	0.26

03 51 16 00-0018 Gypsum Plank (03 51 16)

03 51 16 00-0019	SF	Insulating Concrete Gypsum Plank, 2" Thick Roof Deck	3.29	
03 51 16 00-0020	SF	Insulating Concrete Gypsum Plank, 3" Thick Roof Deck	4.39	

03 52 Lightweight Concrete Roof Insulation (03 50)**03 52 16 Lightweight Insulating Concrete (03 52)**

Note: Add costs for forming to all tasks below. See CSI section 03 11 00 00-0000 for forming.

03 52 16 00-0001 Poured Deck (03 52 16)**03 52 16 00-0002 Perlite Or Vermiculite (03 52 16 00-0001)**

03 52 16 00-0003	CY	Insulating Roof Deck, Perlite, 1:6 Mix Field Mix, Also Vermiculite	263.53	
		For Smooth Trowel Finish, Add	40.01	

03 52 16 00-0004 Lightweight Insulating Concrete Deck, Ready Mix 1 To 6 Mix (03 52 16 00-0001)

03 52 16 00-0005	SF	2" Insulating Roof Deck, Ready Mix, 1:6 Mix	2.78	
		For Smooth Trowel Finish, Add	0.29	
03 52 16 00-0006	SF	3" Insulating Roof Deck, Ready Mix, 1:6 Mix	4.00	
		For Smooth Trowel Finish, Add	0.35	

03 52 16 00-0007 Lightweight Concrete Plank (03 52 16)

03 52 16 00-0008	SF	2" Thick Insulating Lightweight Concrete Plank Roof Deck	5.31	
		For >4 To 12 Pitch, Add	0.30	
		For >6 To 12 Pitch, Add	1.80	
03 52 16 00-0009	SF	2-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	6.19	
		For >4 To 12 Pitch, Add	0.33	
		For >6 To 12 Pitch, Add	1.98	
03 52 16 00-0010	SF	3" Thick Insulating Lightweight Concrete Plank Roof Deck	7.17	
		For >4 To 12 Pitch, Add	0.36	
		For >6 To 12 Pitch, Add	2.15	
03 52 16 00-0011	SF	3-1/2" Thick Insulating Lightweight Concrete Plank Roof Deck	7.49	
		For >4 To 12 Pitch, Add	0.39	
		For >6 To 12 Pitch, Add	2.31	
03 52 16 00-0012	SF	4" Thick Insulating Lightweight Concrete Plank Roof Deck	7.78	
		For >4 To 12 Pitch, Add	0.40	
		For >6 To 12 Pitch, Add	2.42	

03 52 16 00-0013 Lightweight Channel Slab (03 52 16)

03 52 16 00-0014	SF	2-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	5.91	
03 52 16 00-0015	SF	3-1/2" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	6.34	
03 52 16 00-0016	SF	3-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	6.47	
03 52 16 00-0017	SF	4-3/4" Thick Lightweight Channel Slab, Straight Insulating Concrete Roof Deck	6.70	
03 52 16 00-0018	SF	2-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	8.25	
03 52 16 00-0019	SF	3-1/2" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	8.36	
03 52 16 00-0020	SF	3-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	8.51	

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

03 52	16 00-0021	SF	4-3/4" Thick Lightweight Channel Slab, Chopped Insulating Concrete Roof Deck	8.65	
-------	------------	----	--	------	--

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 00 00-0001 Integral Topping Including Hard Trowel Finish (03 53)

Note: Using 1:1:2 mix.

03 53 00 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		1.95	
03 53 00 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		2.22	
03 53 00 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		2.61	
03 53 00 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		3.12	
03 53 00 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		4.49	
03 53 00 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix		3.93	
03 53 00 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....		4.42	

03 53 00 00-0009 Granolithic Topping Laid After (03 53)

Note: Using 1:1:1-1/2 mix.

03 53 00 00-0010	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix		3.29	
03 53 00 00-0011	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix		3.59	
03 53 00 00-0012	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix.....		4.57	

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)

03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation		1.85	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation		2.92	
03 54 16 00-0004	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation		5.05	
03 54 16 00-0005	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation		7.18	
03 54 16 00-0006	SF	1" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation		9.31	
03 54 16 00-0007	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....		12.14	
03 54 16 00-0008	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....		13.57	
03 54 16 00-0009	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors Including Surface Preparation.....		17.83	

03 60 Grouting (03)

03 61 Cementitious Grouting (03 60)

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout (03 61)

03 61 16 00-0001 Flowable Grout (03 61 16)

03 61 16 00-0002	CY	Cementitious Flowable Grout.....		368.68	
------------------	----	----------------------------------	--	--------	--

03 62 Non-Shrink Grouting (03 60)

03 62 13 Non-Metallic Non-Shrink Grouting (03 62)

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting (03 62 13)

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Grouting Bases.....		20.41	
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Grouting Bases.....		30.82	

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting (03 62 13)

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Grouting Bases		31.53	
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Grouting Bases		51.32	

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints (03 62 13)

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints		1.61	
03 62 13 00-0010	LF	6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints		2.12	
03 62 13 00-0011	LF	8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints		2.81	

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)

03 62 13 00-0013	LF	4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		2.40	
03 62 13 00-0014	LF	6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		3.24	
03 62 13 00-0015	LF	8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints		4.29	

03 62 16 Metallic Non-Shrink Grouting (03 62)

03 62 16 00-0001 Metallic Non-Shrink Grouting (03 62 16)

03 62 16 00-0002	SF	1" Deep, Metallic Non-Shrink Grout For Grouting Bases		26.11	
03 62 16 00-0003	SF	2" Deep, Metallic Non-Shrink Grout For Grouting Bases		40.81	

03 Concrete**03 60 Grouting****03 62 Non-Shrink Grouting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 62 16 00-0004		Metallic Non-Shrink Grouting For Joints <small>(03 62 16)</small>		
03 62 16 00-0005		1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints <small>(03 62 16 00-0004)</small>		
03 62 16 00-0006	LF	4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	1.27	
03 62 16 00-0007	LF	6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	1.61	
03 62 16 00-0008	LF	8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	2.15	
03 62 16 00-0009		1" Joint Thickness, Metallic Non-Shrink Grout For Joints <small>(03 62 16 00-0004)</small>		
03 62 16 00-0010	LF	4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	1.74	
03 62 16 00-0011	LF	6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	2.22	
03 62 16 00-0012	LF	8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	2.94	

03 64 Injection Grouting (03 60)

Note: By volume of void filled. Includes injection ports.

03 64 23 Epoxy Injection Grouting (03 64)

03 64 23 00-0001		Epoxy Injection Grouting <small>(03 64 23)</small>		
03 64 23 00-0002	CF	Pressure Injected Epoxy Grout.....	789.82	

03 64 26 Cementitious Injection Grouting (03 64)

03 64 26 00-0001		Cementitious Injection Grouting <small>(03 64 26)</small>		
03 64 26 00-0002	CF	Pressure Injected Cementitious Grout.....	61.69	

03 80 Concrete Cutting And Boring (03)**03 81 Concrete Cutting** (03 80)**03 81 13 Flat Concrete Sawing** (03 81)

See CSI section 02 41 19 13-0001 for saw cutting.

03 81 16 Track Mounted Concrete Wall Sawing (03 81)

See CSI section 02 41 19 13-0001 for saw cutting.

03 82 Concrete Boring (03 80)**03 82 13 Concrete Core Drilling** (03 82)

See CSI section 02 41 19 13-0024 for core drilling.

END OF SECTION 03

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

04 Masonry

04 01 Maintenance Of Masonry (04)

04 01 20 Maintenance Of Unit Masonry (04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization (04 01 20)

04 01 20 41-0001 Unit Masonry Stabilization (Helifix®) (04 01 20 41)

04 01 20 41-0002 Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.

04 01 20 41-0003 304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0004	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	21.32
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82
04 01 20 41-0005	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	32.12
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82
04 01 20 41-0006	EA	8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	43.85
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82

04 01 20 41-0007 316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) (04 01 20 41-0002)

04 01 20 41-0008	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	23.66
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82
04 01 20 41-0009	EA	8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	36.28
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82
04 01 20 41-0010	EA	8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie)	50.09
		For Up To 10, Add	7.64
		For >10 To 50, Add	3.82

04 01 20 41-0011 Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0001)

Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.

04 01 20 41-0012 304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)

04 01 20 41-0013	EA	4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	52.82
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0014	EA	4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.95
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0015	EA	4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	201.35
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0016	EA	6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	52.82
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0017	EA	6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.95
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0018	EA	6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	65.94
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0019	EA	6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	79.06
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28
04 01 20 41-0020	EA	6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	201.35
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28

04 01 20 41-0021 316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) (04 01 20 41-0011)

04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	56.16
		For Up To 10, Add	30.56
		For >10 To 50, Add	15.28

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.41	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	229.19	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	56.16	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	63.41	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	71.50	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	86.86	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	229.19	
		For Up To 10, Add	30.56	
		For >10 To 50, Add	15.28	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0001)		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.46	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.56	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.66	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.76	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.86	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.96	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.46	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.56	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.66	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.76	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.86	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.06	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.46	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.66	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.31	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) (04 01 20 41-0030)		
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.46	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.56	
		For Up To 10, Add	4.58	
		For >10 To 50, Add	2.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0050 EA 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.66	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0051 EA 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.76	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0052 EA 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.86	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0053 EA 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.96	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0054 EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.46	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0055 EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.56	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0056 EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.66	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0057 EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.76	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0058 EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.86	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0059 EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	17.06	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0060 EA 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	10.46	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0061 EA 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	12.66	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0062 EA 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.31	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001)		
Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)		
04 01 20 41-0065 EA 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	7.87	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0066 EA 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.27	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0067 EA 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.34	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0068 EA 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.51	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0069 EA 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.80	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0070 EA 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.04	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	
04 01 20 41-0071 EA 8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.16	
For Up To 10, Add	4.58	
For >10 To 50, Add	2.29	
For Metal Stud Clip, Add	2.37	

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.31
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.02
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.12
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.96
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.68
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.29
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	14.45
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.37
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	18.92
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.01
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.43
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.82
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.16
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.38
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0086	EA	10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.53
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0087	EA	10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.79
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0088	EA	10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.90
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0089	EA	10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.39
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 01 20 41-0090	EA			10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.10	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0091	EA			10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.70	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0092	EA			10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.45	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0093	EA			10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.49	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0094	EA			10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.76	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0095	EA			10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	22.28	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0096	EA			8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	8.93	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0097	EA			8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.19	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0098	EA			8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.35	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0099	EA			8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.47	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0100	EA			8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.82	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0101	EA			8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.38	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0102	EA			8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.59	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0103	EA			8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.15	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0104	EA			10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.59	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0105	EA			10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.07	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0106	EA			10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.41	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0107	EA			10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.63	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.79
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.15
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.24
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		<i>For Up To 10, Add</i>	2.29
		<i>For >10 To 50, Add</i>	1.15
04 01 20 41-0111		316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0063)	
04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.50
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	8.99
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.09
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.29
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.65
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.95
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.10
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.30
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.03
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0121	EA	8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.16
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0122	EA	8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	12.22
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0123	EA	8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.11
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0124	EA	8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	13.88
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37
04 01 20 41-0125	EA	8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	16.57
		<i>For Up To 10, Add</i>	4.58
		<i>For >10 To 50, Add</i>	2.29
		<i>For Metal Stud Clip, Add</i>	2.37

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 01 20 41-0126	EA			8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.76	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0127	EA			8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.95	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0128	EA			10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.75	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0129	EA			10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.24	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0130	EA			10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.72	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0131	EA			10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.15	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0132	EA			10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.43	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0133	EA			10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.61	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0134	EA			10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.93	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0135	EA			10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.06	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0136	EA			10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.65	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0137	EA			10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.45	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0138	EA			10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.18	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0139	EA			10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.12	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0140	EA			10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	19.18	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0141	EA			10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.60	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0142	EA			10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	26.00	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	
04 01 20 41-0143	EA			8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	9.93	
				For Up To 10, Add	4.58	
				For >10 To 50, Add	2.29	
				For Metal Stud Clip, Add	2.37	

04 Masonry
04 01 Maintenance Of Masonry
04 01 20 Maintenance Of Unit Masonry

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.21
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.41
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.56
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.00
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.70
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.93
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.62
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.64
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.25
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.68
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0154	EA	10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.95
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0155	EA	10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.14
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0156	EA	10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.59
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
		For Metal Stud Clip, Add	2.37
04 01 20 41-0157	EA	316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.73
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.	
		For Up To 10, Add	2.29
		For >10 To 50, Add	1.15
04 01 20 41-0158		Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001) Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.	
04 01 20 41-0159		304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)	
04 01 20 41-0160	EA	8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.34
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
04 01 20 41-0161	EA	8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.39
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29
04 01 20 41-0162		316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0158)	
04 01 20 41-0163	EA	8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	6.68
		For Up To 10, Add	4.58
		For >10 To 50, Add	2.29

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0164	EA	8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) <i>For Up To 10, Add</i> <i>For >10 To 50, Add</i>	6.76 4.58 2.29	
04 01 20 41-0165		Movement Joint Ties (Helifix® Movement Joint Tie <small>(04 01 20 41-0001)</small> Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166		304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0167	EA	6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) <i>For Up To 10, Add</i> <i>For >10 To 50, Add</i>	40.56 30.56 15.28	
04 01 20 41-0168		316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0169	EA	6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) <i>For Up To 10, Add</i> <i>For >10 To 50, Add</i>	42.10 30.56 15.28	
04 01 20 51		Unit Masonry Maintenance <small>(04 01 20)</small>		
04 01 20 51-0001		Grind Unit Masonry <small>(04 01 20 51)</small>		
04 01 20 51-0002	SF	Grind Smooth Masonry Wall.....	2.83	
04 01 20 52		Unit Masonry Cleaning <small>(04 01 20)</small>		
04 01 20 52-0001		Cleaning And Repointing Masonry <small>(04 01 20 52)</small> Note: Includes mortar for pointing. Excludes removing mortar.		
04 01 20 52-0002	SF	Clean And Repoint Brick Masonry.....	1.89	
04 01 20 52-0003	SF	Clean And Repoint Concrete Block Masonry.....	1.25	
04 01 20 52-0004	SF	Clean And Repoint Brick On Historic Buildings.....	2.46	
04 01 20 91		Unit Masonry Restoration <small>(04 01 20)</small>		
04 01 20 91-0001		Cut And Repoint Masonry <small>(04 01 20 91)</small> Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002	SF	Cut And Repoint Brick, Hard Intact Mortar, Running Bond..... <i>For Common Bond, Add</i> <i>For Flemish Bond, Add</i> <i>For English Bond, Add</i> <i>For Oversized Or Larger Than Standard, Deduct</i> <i>For >250 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	10.20 0.29 1.00 1.65 -1.53 -0.36 -0.87	
04 01 20 91-0003	SF	Cut And Repoint Brick, Soft, Loose Or Crumbling Mortar, Running Bond..... <i>For Common Bond, Add</i> <i>For Flemish Bond, Add</i> <i>For English Bond, Add</i> <i>For Oversized Or Larger Than Standard, Deduct</i> <i>For >250 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	7.71 0.19 0.68 1.12 -1.16 -0.24 -0.63	
04 01 20 91-0004	SF	Cut And Repoint Concrete Block, Hard Intact Mortar, Running Bond..... <i>For Common Bond, Add</i> <i>For Oversized Or Larger Than Standard, Deduct</i> <i>For >250 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	6.25 0.14 -0.94 -0.18 -0.49	
04 01 20 91-0005	SF	Cut And Repoint Concrete Block, Soft, Loose Or Crumbling Mortar, Running Bond..... <i>For Common Bond, Add</i> <i>For Oversized Or Larger Than Standard, Deduct</i> <i>For >250 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	4.83 0.10 -0.72 -0.12 -0.36	
04 01 20 91-0006	LF	Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	2.26	
04 01 20 91-0007		Cut And Caulk Masonry <small>(04 01 20 91)</small> Note: Remove existing mortar to 1/2" depth. Replace with caulk. Includes caulk, cutting, rinsing and cleaning joint.		
04 01 20 91-0008	LF	Cut And Caulk Masonry, Butyl Caulks..... <i>For Vertical Expansion Joint Material, Add</i> <i>For 3/4" Deep Cut, Add</i>	4.42 0.21 1.33	
04 01 20 91-0009	LF	Cut And Caulk Masonry, Polysulfide Or Acrylic Caulks..... <i>For Vertical Expansion Joint Material, Add</i> <i>For 3/4" Deep Cut, Add</i>	5.48 0.22 1.64	
04 01 20 91-0010	LF	Cut And Caulk Masonry, Silicone Caulks..... <i>For Vertical Expansion Joint Material, Add</i> <i>For 3/4" Deep Cut, Add</i>	6.51 0.26 1.95	
04 01 20 91-0011		Repair Masonry <small>(04 01 20 91)</small> Note: Includes mortar for repair.		
04 01 20 91-0012	SF	Patch And Repair Terra Cotta Walls Or Coping, Including Replacement Of Damaged Material.....	12.92	

04 Masonry**04 01 Maintenance Of Masonry****04 01 20 Maintenance Of Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 01 20 91-0013	SF	Patch And Repair Terra Cotta Floors, Including Replacement Of Damaged Material.....	11.93
04 01 20 91-0014	LF	Chip And Repair With Masonry Patch, Cracks Up To 1/4".....	3.48
04 01 20 91-0015	SF	Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....	6.52
04 01 20 91-0016	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	23.56
		<i>For Cracks Accessible From Both Sides, Add</i>	4.77
04 01 20 91-0017	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....	21.58
		<i>For Cracks Accessible From Both Sides, Add</i>	4.77
04 01 20 91-0018	LF	Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	6.26
		<i>For V-Grooving Crack With Grinder, Add</i>	4.62
04 01 20 91-0019	LF	>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	8.30
		<i>For V-Grooving Crack With Grinder, Add</i>	4.38

04 01 40 Maintenance of Stone Assemblies (04 01)**04 01 40 52 Stone Cleaning (04 01 40)****04 01 40 52-0001 Cleaning And Pointing Stone (04 01 40 52)**

04 01 40 52-0002	SF	Clean And Repoint Limestone On Historic Buildings	2.08
04 01 40 52-0003	SF	Clean And Repoint Marble, Tile, Stone Or Granite	1.78

04 01 40 91 Stone Restoration (04 01 40)**04 01 40 91-0001 Cut And Repoint (04 01 40 91)**

04 01 40 91-0002	LF	Cut And Repoint Stone Work.....	4.51
------------------	----	---------------------------------	------

04 01 40 91-0003 Repair (04 01 40 91)

04 01 40 91-0004	SF	Repair Field Stone Walls, Including Remove Damaged Stones And Reset.....	29.52
04 01 40 91-0005	SF	Repair Molded Stone	3.16

04 01 40 91-0006 Clean And Patch Existing Stonework (04 01 40 91)

Note: Excludes cutting, drilling or anchor bolts if required.

04 01 40 91-0007	SF	Clean And Patch Existing Stonework.....	3.35
------------------	----	---	------

04 01 40 91-0008 Removal Of Deteriorated Stone (04 01 40 91)

Note: Includes cutting of stone for removal.

04 01 40 91-0009	SF	Removal Of Deteriorated Stone	7.08
------------------	----	-------------------------------------	------

Note: Does not include material for stone replacement

04 01 50 Maintenance of Refractory Masonry (04 01)**04 01 50 52 Refractory Cleaning (04 01 50)****04 01 50 52-0001 Chimney Cleaning (04 01 50 52)**

04 01 50 52-0002	LF	Up To 2 SF Cross Section Chimney Cleaning.....	5.61
04 01 50 52-0003	LF	>2 To 4 SF Cross Section Chimney Cleaning.....	11.21
04 01 50 52-0004	LF	>4 SF Cross Section Chimney Cleaning.....	16.82

04 05 Common Work Results For Masonry (04)**04 05 13 Masonry Mortaring (04 05)****04 05 13 26 Engineered Masonry Mortaring (04 05 13)**

Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.

04 05 13 26-0001 Masonry Cement Mortar (04 05 13 26)

Note: Ratio is bag material to sand.

04 05 13 26-0002	CF	Type M Masonry Cement 1:1:6 Mix	4.87
04 05 13 26-0003	CF	Type N Masonry Cement 1:3 Mix.....	4.49
04 05 13 26-0004	CF	Type O Masonry Cement 1:3 Mix	4.61
04 05 13 26-0005	CF	Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	5.05
04 05 13 26-0006	CF	Type S Masonry Cement 1/2:1:4 Mix.....	5.33

04 05 13 26-0007 Mortar Admixture (04 05 13 26)

04 05 13 26-0008	CF	Water - Repellent Stearate - Cost Based On CF Of Mortar	0.37
04 05 13 26-0009	CF	Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.07

04 05 13 26-0010 Color Admixtures For Mortar (04 05 13 26)

Note: Costs are based on CF of mortar.

04 05 13 26-0011	CF	Buff Colored Admixture.....	2.34
04 05 13 26-0012	CF	Brown Colored Admixture	2.66
04 05 13 26-0013	CF	Black Colored Admixture	3.29
04 05 13 26-0014	CF	Red Colored Admixture.....	7.19

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

04 05 13 26-0015	Portland Cement <small>(04 05 13 26)</small>		
04 05 13 26-0016	CF Normal Portland Cement (Type I)	12.47	
04 05 13 26-0017	CF Modified Portland Cement (Type II)	6.22	
04 05 13 26-0018	CF High Early Strength (Type III)	6.60	
04 05 13 26-0019	CF White Non Staining Portland Cement (Type I)	13.82	

04 05 16 Masonry Grouting (04 05)
04 05 16 26 Engineered Masonry Grouting (04 05 16)

Note: Does not include reinforcement.

04 05 16 26-0001	Bond Beams And Lintels, Concrete Fill <small>(04 05 16 26)</small>		
Note: Excludes block.			
04 05 16 26-0002	LF Grout Beams And Lintels - 6" Block Concrete Fill Only, 0.1125 CF/LF, 8" Deep	3.56	
04 05 16 26-0003	LF Grout Beams And Lintels - 8" Block Concrete Fill Only, 0.20 CF/LF, 8" Deep	3.90	
04 05 16 26-0004	LF Grout Beams And Lintels - 10" Block Concrete Fill Only, 0.25 CF/LF, 8" Deep	4.37	
04 05 16 26-0005	LF Grout Beams And Lintels, 12" Block Concrete Fill Only, 0.30 CF/LF, 8" Deep	4.90	

04 05 16 26-0006 Concrete Block Cores, Solid Filled (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0007	SF Grout Concrete Block Cores- 4" Block Concrete Fill Block Solid (0.067 CF/SF)	2.74	
04 05 16 26-0008	SF Grout Concrete Block Cores- 6" Block Concrete Fill Block Solid (0.175 CF/SF)	4.03	
04 05 16 26-0009	SF Grout Concrete Block Cores- 8" Block Concrete Fill Block Solid (0.258 CF/SF)	5.77	
04 05 16 26-0010	SF Grout Concrete Block Cores- 10" Block Concrete Fill Block Solid (0.34 CF/SF)	7.10	
04 05 16 26-0011	SF Grout Concrete Block Cores- 12" Block Concrete Fill Block Solid (0.422 CF/SF)	8.40	

04 05 16 26-0012 Cavity Walls (04 05 16 26)

Note: Per SF of face area filled.

04 05 16 26-0013	SF Grout Cavity Walls - 2" Space Concrete Fill (0.167 CF/SF)	3.29	
04 05 16 26-0014	SF Grout Cavity Walls - 3" Space Concrete Fill (0.250 CF/SF)	4.63	
04 05 16 26-0015	SF Grout Cavity Walls - 4" Space Concrete Fill (0.333 CF/SF)	5.85	
04 05 16 26-0016	SF Grout Cavity Walls - 6" Space Concrete Fill (0.500 CF/SF)	7.96	

04 05 16 26-0017 Grouting Frames (04 05 16 26)

04 05 16 26-0018	LF Grout Door Frames - Grout Fill	5.27	
04 05 16 26-0019	LF Grout Window Frames - Grout Fill	4.53	

04 05 16 26-0020 Sand Filled Walls (04 05 16 26)
04 05 16 26-0021 Cavity Walls Sand Fill Concrete Block (04 05 16 26-0020)

Note: Per SF of face area filled.

04 05 16 26-0022	SF Sand Fill Cavity Walls - 2" Space (0.167 CF/SF)	2.62	
04 05 16 26-0023	SF Sand Fill Cavity Walls - 3" Space (0.250 CF/SF)	3.61	
04 05 16 26-0024	SF Sand Fill Cavity Walls - 4" Space (0.333 CF/SF)	4.46	
04 05 16 26-0025	SF Sand Fill Cavity Walls - 6" Space (0.500 CF/SF)	5.93	

04 05 19 Masonry Anchorage And Reinforcing (04 05)
04 05 19 13 Continuous Joint Reinforcing (04 05 19)

Note: Includes cutting and bending.

04 05 19 13-0001	Continuous Joint Reinforcing <small>(04 05 19 13)</small>		
04 05 19 13-0002	Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>		
04 05 19 13-0003	Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0004	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0005	CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	36.78	
	For Class 1 Mill Galvanized, Add	1.37	
	For Class 2 Mill Galvanized, Add	2.06	
	For Hot-Dipped Galvanized, Add	3.43	
	For Stainless Steel, Add	13.72	
	For Cavity Drip, Add	0.50	
	For 3-Wire, Add	8.75	
	For Double Side Rods, Add	17.50	
04 05 19 13-0006	CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	39.16	
	For Class 1 Mill Galvanized, Add	1.44	
	For Class 2 Mill Galvanized, Add	2.16	
	For Hot-Dipped Galvanized, Add	3.60	
	For Stainless Steel, Add	14.40	
	For Cavity Drip, Add	0.50	
	For 3-Wire, Add	8.75	
	For Double Side Rods, Add	17.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 13-0007	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	42.46
	For Class 1 Mill Galvanized, Add	1.52
	For Class 2 Mill Galvanized, Add	2.28
	For Hot-Dipped Galvanized, Add	3.80
	For Stainless Steel, Add	15.18
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0008	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.38
	For Class 1 Mill Galvanized, Add	1.61
	For Class 2 Mill Galvanized, Add	2.41
	For Hot-Dipped Galvanized, Add	4.02
	For Stainless Steel, Add	16.06
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0009	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	51.08
	For Class 1 Mill Galvanized, Add	1.69
	For Class 2 Mill Galvanized, Add	2.54
	For Hot-Dipped Galvanized, Add	4.23
	For Stainless Steel, Add	16.92
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0010	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.69
	For Class 1 Mill Galvanized, Add	1.73
	For Class 2 Mill Galvanized, Add	2.60
	For Hot-Dipped Galvanized, Add	4.34
	For Stainless Steel, Add	17.34
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0011	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	57.23
	For Class 1 Mill Galvanized, Add	1.78
	For Class 2 Mill Galvanized, Add	2.67
	For Hot-Dipped Galvanized, Add	4.46
	For Stainless Steel, Add	17.82
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0012	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	63.65
	For Class 1 Mill Galvanized, Add	2.45
	For Class 2 Mill Galvanized, Add	3.68
	For Hot-Dipped Galvanized, Add	6.13
	For Stainless Steel, Add	24.50
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0013	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	73.40
	For Class 1 Mill Galvanized, Add	3.79
	For Class 2 Mill Galvanized, Add	5.68
	For Hot-Dipped Galvanized, Add	9.47
	For Stainless Steel, Add	37.88
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0014	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	
	(04 05 19 13-0003)	
04 05 19 13-0015	CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	40.58
	For Class 1 Mill Galvanized, Add	2.13
	For Class 2 Mill Galvanized, Add	3.20
	For Hot-Dipped Galvanized, Add	5.33
	For Stainless Steel, Add	21.32
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0016	CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	43.01
	For Class 1 Mill Galvanized, Add	2.21
	For Class 2 Mill Galvanized, Add	3.32
	For Hot-Dipped Galvanized, Add	5.53
	For Stainless Steel, Add	22.10
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0017	CLF	#8		(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	46.35	
				For Class 1 Mill Galvanized, Add	2.30	
				For Class 2 Mill Galvanized, Add	3.44	
				For Hot-Dipped Galvanized, Add	5.74	
				For Stainless Steel, Add	22.96	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0018	CLF	#10		(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	50.23	
				For Class 1 Mill Galvanized, Add	2.38	
				For Class 2 Mill Galvanized, Add	3.56	
				For Hot-Dipped Galvanized, Add	5.94	
				For Stainless Steel, Add	23.76	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0019	CLF	#12		(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	54.92	
				For Class 1 Mill Galvanized, Add	2.46	
				For Class 2 Mill Galvanized, Add	3.69	
				For Hot-Dipped Galvanized, Add	6.15	
				For Stainless Steel, Add	24.60	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0020	CLF	#13		(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	58.54	
				For Class 1 Mill Galvanized, Add	2.51	
				For Class 2 Mill Galvanized, Add	3.76	
				For Hot-Dipped Galvanized, Add	6.27	
				For Stainless Steel, Add	25.06	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0021	CLF	#14		(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	61.07	
				For Class 1 Mill Galvanized, Add	2.55	
				For Class 2 Mill Galvanized, Add	3.82	
				For Hot-Dipped Galvanized, Add	6.37	
				For Stainless Steel, Add	25.48	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0022	CLF	#16		(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	68.70	
				For Class 1 Mill Galvanized, Add	3.46	
				For Class 2 Mill Galvanized, Add	5.19	
				For Hot-Dipped Galvanized, Add	8.66	
				For Stainless Steel, Add	34.62	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0023	CLF	#18		(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	82.07	
				For Class 1 Mill Galvanized, Add	5.52	
				For Class 2 Mill Galvanized, Add	8.29	
				For Hot-Dipped Galvanized, Add	13.81	
				For Stainless Steel, Add	55.24	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0024				3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0025	CLF	#4		(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	44.26	
				For Class 1 Mill Galvanized, Add	2.87	
				For Class 2 Mill Galvanized, Add	4.30	
				For Hot-Dipped Galvanized, Add	7.17	
				For Stainless Steel, Add	28.68	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	
04 05 19 13-0026	CLF	#6		(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	47.35	
				For Class 1 Mill Galvanized, Add	3.03	
				For Class 2 Mill Galvanized, Add	4.54	
				For Hot-Dipped Galvanized, Add	7.57	
				For Stainless Steel, Add	30.26	
				For Cavity Drip, Add	0.50	
				For 3-Wire, Add	8.75	
				For Double Side Rods, Add	17.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0027	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	50.45
	For Class 1 Mill Galvanized, Add	3.18
	For Class 2 Mill Galvanized, Add	4.78
	For Hot-Dipped Galvanized, Add	7.96
	For Stainless Steel, Add	31.84
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0028	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	55.21
	For Class 1 Mill Galvanized, Add	3.37
	For Class 2 Mill Galvanized, Add	5.06
	For Hot-Dipped Galvanized, Add	8.43
	For Stainless Steel, Add	33.72
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0029	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	59.99
	For Class 1 Mill Galvanized, Add	3.56
	For Class 2 Mill Galvanized, Add	5.34
	For Hot-Dipped Galvanized, Add	8.90
	For Stainless Steel, Add	35.60
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0030	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	64.32
	For Class 1 Mill Galvanized, Add	3.66
	For Class 2 Mill Galvanized, Add	5.49
	For Hot-Dipped Galvanized, Add	9.15
	For Stainless Steel, Add	36.60
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0031	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.67
	For Class 1 Mill Galvanized, Add	3.75
	For Class 2 Mill Galvanized, Add	5.62
	For Hot-Dipped Galvanized, Add	9.37
	For Stainless Steel, Add	37.46
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0032	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	70.99
	For Class 1 Mill Galvanized, Add	3.92
	For Class 2 Mill Galvanized, Add	5.88
	For Hot-Dipped Galvanized, Add	9.80
	For Stainless Steel, Add	39.18
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0033	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	87.02
	For Class 1 Mill Galvanized, Add	6.51
	For Class 2 Mill Galvanized, Add	9.77
	For Hot-Dipped Galvanized, Add	16.28
	For Stainless Steel, Add	65.10
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0034	Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>	
04 05 19 13-0035	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0034)</small>	
04 05 19 13-0036	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	50.49
	For Class 1 Mill Galvanized, Add	2.33
	For Class 2 Mill Galvanized, Add	3.50
	For Hot-Dipped Galvanized, Add	5.83
	For Stainless Steel, Add	23.32
	For Cavity Drip, Add	0.50
04 05 19 13-0037	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	55.88
	For Class 1 Mill Galvanized, Add	2.55
	For Class 2 Mill Galvanized, Add	3.82
	For Hot-Dipped Galvanized, Add	6.37
	For Stainless Steel, Add	25.46
	For Cavity Drip, Add	0.50
04 05 19 13-0038	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....	61.14
	For Class 1 Mill Galvanized, Add	2.73
	For Class 2 Mill Galvanized, Add	4.10
	For Hot-Dipped Galvanized, Add	6.84
	For Stainless Steel, Add	27.34
	For Cavity Drip, Add	0.50

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

04 05 19 13-0039	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		66.00	
	<i>For Class 1 Mill Galvanized, Add</i>		2.84	
	<i>For Class 2 Mill Galvanized, Add</i>		4.27	
	<i>For Hot-Dipped Galvanized, Add</i>		7.11	
	<i>For Stainless Steel, Add</i>		28.44	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0040	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		68.66	
	<i>For Class 1 Mill Galvanized, Add</i>		2.94	
	<i>For Class 2 Mill Galvanized, Add</i>		4.42	
	<i>For Hot-Dipped Galvanized, Add</i>		7.36	
	<i>For Stainless Steel, Add</i>		29.44	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0041	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		73.66	
	<i>For Class 1 Mill Galvanized, Add</i>		3.17	
	<i>For Class 2 Mill Galvanized, Add</i>		4.75	
	<i>For Hot-Dipped Galvanized, Add</i>		7.92	
	<i>For Stainless Steel, Add</i>		31.68	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0042	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		78.05	
	<i>For Class 1 Mill Galvanized, Add</i>		3.35	
	<i>For Class 2 Mill Galvanized, Add</i>		5.03	
	<i>For Hot-Dipped Galvanized, Add</i>		8.39	
	<i>For Stainless Steel, Add</i>		33.54	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0043	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0034)</small>			
04 05 19 13-0044	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		55.22	
	<i>For Class 1 Mill Galvanized, Add</i>		3.28	
	<i>For Class 2 Mill Galvanized, Add</i>		4.92	
	<i>For Hot-Dipped Galvanized, Add</i>		8.20	
	<i>For Stainless Steel, Add</i>		32.78	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0045	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		60.62	
	<i>For Class 1 Mill Galvanized, Add</i>		3.49	
	<i>For Class 2 Mill Galvanized, Add</i>		5.24	
	<i>For Hot-Dipped Galvanized, Add</i>		8.74	
	<i>For Stainless Steel, Add</i>		34.94	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0046	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		65.83	
	<i>For Class 1 Mill Galvanized, Add</i>		3.67	
	<i>For Class 2 Mill Galvanized, Add</i>		5.51	
	<i>For Hot-Dipped Galvanized, Add</i>		9.18	
	<i>For Stainless Steel, Add</i>		36.72	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0047	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		70.74	
	<i>For Class 1 Mill Galvanized, Add</i>		3.79	
	<i>For Class 2 Mill Galvanized, Add</i>		5.69	
	<i>For Hot-Dipped Galvanized, Add</i>		9.48	
	<i>For Stainless Steel, Add</i>		37.92	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0048	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		73.40	
	<i>For Class 1 Mill Galvanized, Add</i>		3.89	
	<i>For Class 2 Mill Galvanized, Add</i>		5.84	
	<i>For Hot-Dipped Galvanized, Add</i>		9.73	
	<i>For Stainless Steel, Add</i>		38.92	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0049	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		78.40	
	<i>For Class 1 Mill Galvanized, Add</i>		4.12	
	<i>For Class 2 Mill Galvanized, Add</i>		6.17	
	<i>For Hot-Dipped Galvanized, Add</i>		10.29	
	<i>For Stainless Steel, Add</i>		41.16	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0050	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement.....		82.85	
	<i>For Class 1 Mill Galvanized, Add</i>		4.31	
	<i>For Class 2 Mill Galvanized, Add</i>		6.47	
	<i>For Hot-Dipped Galvanized, Add</i>		10.79	
	<i>For Stainless Steel, Add</i>		43.14	
	<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0051	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0034)</small>			

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0052	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	57.52
	For Class 1 Mill Galvanized, Add	3.74
	For Class 2 Mill Galvanized, Add	5.61
	For Hot-Dipped Galvanized, Add	9.35
	For Stainless Steel, Add	37.38
	For Cavity Drip, Add	0.50
04 05 19 13-0053	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	63.47
	For Class 1 Mill Galvanized, Add	4.06
	For Class 2 Mill Galvanized, Add	6.10
	For Hot-Dipped Galvanized, Add	10.16
	For Stainless Steel, Add	40.64
	For Cavity Drip, Add	0.50
04 05 19 13-0054	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	69.38
	For Class 1 Mill Galvanized, Add	4.38
	For Class 2 Mill Galvanized, Add	6.57
	For Hot-Dipped Galvanized, Add	10.96
	For Stainless Steel, Add	43.82
	For Cavity Drip, Add	0.50
04 05 19 13-0055	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	74.54
	For Class 1 Mill Galvanized, Add	4.55
	For Class 2 Mill Galvanized, Add	6.83
	For Hot-Dipped Galvanized, Add	11.38
	For Stainless Steel, Add	45.52
	For Cavity Drip, Add	0.50
04 05 19 13-0056	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	77.48
	For Class 1 Mill Galvanized, Add	4.71
	For Class 2 Mill Galvanized, Add	7.06
	For Hot-Dipped Galvanized, Add	11.77
	For Stainless Steel, Add	47.08
	For Cavity Drip, Add	0.50
04 05 19 13-0057	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	83.02
	For Class 1 Mill Galvanized, Add	5.04
	For Class 2 Mill Galvanized, Add	7.56
	For Hot-Dipped Galvanized, Add	12.60
	For Stainless Steel, Add	50.40
	For Cavity Drip, Add	0.50
04 05 19 13-0058	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	88.11
	For Class 1 Mill Galvanized, Add	5.37
	For Class 2 Mill Galvanized, Add	8.05
	For Hot-Dipped Galvanized, Add	13.42
	For Stainless Steel, Add	53.66
	For Cavity Drip, Add	0.50
04 05 19 13-0059	Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>	
04 05 19 13-0060	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0059)</small>	
04 05 19 13-0061	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	63.23
	For Class 1 Mill Galvanized, Add	4.88
	For Class 2 Mill Galvanized, Add	7.32
	For Hot-Dipped Galvanized, Add	12.20
	For Stainless Steel, Add	48.80
04 05 19 13-0062	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	68.30
	For Class 1 Mill Galvanized, Add	5.03
	For Class 2 Mill Galvanized, Add	7.55
	For Hot-Dipped Galvanized, Add	12.58
	For Stainless Steel, Add	50.30
04 05 19 13-0063	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	73.37
	For Class 1 Mill Galvanized, Add	5.18
	For Class 2 Mill Galvanized, Add	7.77
	For Hot-Dipped Galvanized, Add	12.95
	For Stainless Steel, Add	51.80
04 05 19 13-0064	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.68
	For Class 1 Mill Galvanized, Add	5.35
	For Class 2 Mill Galvanized, Add	8.02
	For Hot-Dipped Galvanized, Add	13.37
	For Stainless Steel, Add	53.48
04 05 19 13-0065	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	85.40
	For Class 1 Mill Galvanized, Add	5.52
	For Class 2 Mill Galvanized, Add	8.27
	For Hot-Dipped Galvanized, Add	13.79
	For Stainless Steel, Add	55.16

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

04 05 19 13-0066	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	90.14	
		<i>For Class 1 Mill Galvanized, Add</i>	5.77	
		<i>For Class 2 Mill Galvanized, Add</i>	8.66	
		<i>For Hot-Dipped Galvanized, Add</i>	14.43	
		<i>For Stainless Steel, Add</i>	57.72	
04 05 19 13-0067		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0059)		
04 05 19 13-0068	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	70.66	
		<i>For Class 1 Mill Galvanized, Add</i>	6.37	
		<i>For Class 2 Mill Galvanized, Add</i>	9.55	
		<i>For Hot-Dipped Galvanized, Add</i>	15.92	
		<i>For Stainless Steel, Add</i>	63.66	
04 05 19 13-0069	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	75.73	
		<i>For Class 1 Mill Galvanized, Add</i>	6.52	
		<i>For Class 2 Mill Galvanized, Add</i>	9.77	
		<i>For Hot-Dipped Galvanized, Add</i>	16.29	
		<i>For Stainless Steel, Add</i>	65.16	
04 05 19 13-0070	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	80.90	
		<i>For Class 1 Mill Galvanized, Add</i>	6.69	
		<i>For Class 2 Mill Galvanized, Add</i>	10.03	
		<i>For Hot-Dipped Galvanized, Add</i>	16.72	
		<i>For Stainless Steel, Add</i>	66.86	
04 05 19 13-0071	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	88.12	
		<i>For Class 1 Mill Galvanized, Add</i>	6.84	
		<i>For Class 2 Mill Galvanized, Add</i>	10.25	
		<i>For Hot-Dipped Galvanized, Add</i>	17.09	
		<i>For Stainless Steel, Add</i>	68.36	
04 05 19 13-0072	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	92.85	
		<i>For Class 1 Mill Galvanized, Add</i>	7.01	
		<i>For Class 2 Mill Galvanized, Add</i>	10.51	
		<i>For Hot-Dipped Galvanized, Add</i>	17.52	
		<i>For Stainless Steel, Add</i>	70.06	
04 05 19 13-0073	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	97.16	
		<i>For Class 1 Mill Galvanized, Add</i>	7.18	
		<i>For Class 2 Mill Galvanized, Add</i>	10.76	
		<i>For Hot-Dipped Galvanized, Add</i>	17.94	
		<i>For Stainless Steel, Add</i>	71.76	
04 05 19 13-0074		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0059)		
04 05 19 13-0075	CLF	#8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	71.20	
		<i>For Class 1 Mill Galvanized, Add</i>	6.47	
		<i>For Class 2 Mill Galvanized, Add</i>	9.71	
		<i>For Hot-Dipped Galvanized, Add</i>	16.19	
		<i>For Stainless Steel, Add</i>	64.74	
04 05 19 13-0076	CLF	#10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	76.69	
		<i>For Class 1 Mill Galvanized, Add</i>	6.71	
		<i>For Class 2 Mill Galvanized, Add</i>	10.06	
		<i>For Hot-Dipped Galvanized, Add</i>	16.77	
		<i>For Stainless Steel, Add</i>	67.08	
04 05 19 13-0077	CLF	#12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	82.16	
		<i>For Class 1 Mill Galvanized, Add</i>	6.94	
		<i>For Class 2 Mill Galvanized, Add</i>	10.41	
		<i>For Hot-Dipped Galvanized, Add</i>	17.35	
		<i>For Stainless Steel, Add</i>	69.38	
04 05 19 13-0078	CLF	#14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	90.03	
		<i>For Class 1 Mill Galvanized, Add</i>	7.22	
		<i>For Class 2 Mill Galvanized, Add</i>	10.83	
		<i>For Hot-Dipped Galvanized, Add</i>	18.05	
		<i>For Stainless Steel, Add</i>	72.18	
04 05 19 13-0079	CLF	#16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	95.29	
		<i>For Class 1 Mill Galvanized, Add</i>	7.49	
		<i>For Class 2 Mill Galvanized, Add</i>	11.24	
		<i>For Hot-Dipped Galvanized, Add</i>	18.74	
		<i>For Stainless Steel, Add</i>	74.94	
04 05 19 13-0080	CLF	#18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	100.13	
		<i>For Class 1 Mill Galvanized, Add</i>	7.77	
		<i>For Class 2 Mill Galvanized, Add</i>	11.66	
		<i>For Hot-Dipped Galvanized, Add</i>	19.43	
		<i>For Stainless Steel, Add</i>	77.70	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0081	Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0082	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0081)</small>		
04 05 19 13-0083	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	68.94	
	For Class 1 Mill Galvanized, Add	5.16	
	For Class 2 Mill Galvanized, Add	7.74	
	For Hot-Dipped Galvanized, Add	12.90	
	For Stainless Steel, Add	51.58	
04 05 19 13-0084	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	73.99	
	For Class 1 Mill Galvanized, Add	5.30	
	For Class 2 Mill Galvanized, Add	7.96	
	For Hot-Dipped Galvanized, Add	13.26	
	For Stainless Steel, Add	53.04	
04 05 19 13-0085	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	81.20	
	For Class 1 Mill Galvanized, Add	5.45	
	For Class 2 Mill Galvanized, Add	8.18	
	For Hot-Dipped Galvanized, Add	13.63	
	For Stainless Steel, Add	54.52	
04 05 19 13-0086	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	85.95	
	For Class 1 Mill Galvanized, Add	5.63	
	For Class 2 Mill Galvanized, Add	8.44	
	For Hot-Dipped Galvanized, Add	14.07	
	For Stainless Steel, Add	56.26	
04 05 19 13-0087	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	90.25	
	For Class 1 Mill Galvanized, Add	5.79	
	For Class 2 Mill Galvanized, Add	8.69	
	For Hot-Dipped Galvanized, Add	14.49	
	For Stainless Steel, Add	57.94	
04 05 19 13-0088	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	94.33	
	For Class 1 Mill Galvanized, Add	6.13	
	For Class 2 Mill Galvanized, Add	9.20	
	For Hot-Dipped Galvanized, Add	15.33	
	For Stainless Steel, Add	61.32	
04 05 19 13-0089	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0081)</small>		
04 05 19 13-0090	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	76.37	
	For Class 1 Mill Galvanized, Add	6.64	
	For Class 2 Mill Galvanized, Add	9.97	
	For Hot-Dipped Galvanized, Add	16.61	
	For Stainless Steel, Add	66.44	
04 05 19 13-0091	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	81.44	
	For Class 1 Mill Galvanized, Add	6.79	
	For Class 2 Mill Galvanized, Add	10.19	
	For Hot-Dipped Galvanized, Add	16.99	
	For Stainless Steel, Add	67.94	
04 05 19 13-0092	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	88.75	
	For Class 1 Mill Galvanized, Add	6.96	
	For Class 2 Mill Galvanized, Add	10.44	
	For Hot-Dipped Galvanized, Add	17.41	
	For Stainless Steel, Add	69.62	
04 05 19 13-0093	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	93.37	
	For Class 1 Mill Galvanized, Add	7.11	
	For Class 2 Mill Galvanized, Add	10.67	
	For Hot-Dipped Galvanized, Add	17.78	
	For Stainless Steel, Add	71.10	
04 05 19 13-0094	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	97.68	
	For Class 1 Mill Galvanized, Add	7.28	
	For Class 2 Mill Galvanized, Add	10.92	
	For Hot-Dipped Galvanized, Add	18.20	
	For Stainless Steel, Add	72.80	
04 05 19 13-0095	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	101.86	
	For Class 1 Mill Galvanized, Add	7.64	
	For Class 2 Mill Galvanized, Add	11.46	
	For Hot-Dipped Galvanized, Add	19.10	
	For Stainless Steel, Add	76.38	
04 05 19 13-0096	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0081)</small>		

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

04 05 19 13-0097	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		76.90	
			<i>For Class 1 Mill Galvanized, Add</i>		6.75	
			<i>For Class 2 Mill Galvanized, Add</i>		10.13	
			<i>For Hot-Dipped Galvanized, Add</i>		16.88	
			<i>For Stainless Steel, Add</i>		67.50	
04 05 19 13-0098	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		82.38	
			<i>For Class 1 Mill Galvanized, Add</i>		6.98	
			<i>For Class 2 Mill Galvanized, Add</i>		10.47	
			<i>For Hot-Dipped Galvanized, Add</i>		17.46	
			<i>For Stainless Steel, Add</i>		69.82	
04 05 19 13-0099	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		90.03	
			<i>For Class 1 Mill Galvanized, Add</i>		7.22	
			<i>For Class 2 Mill Galvanized, Add</i>		10.83	
			<i>For Hot-Dipped Galvanized, Add</i>		18.05	
			<i>For Stainless Steel, Add</i>		72.18	
04 05 19 13-0100	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		95.29	
			<i>For Class 1 Mill Galvanized, Add</i>		7.49	
			<i>For Class 2 Mill Galvanized, Add</i>		11.24	
			<i>For Hot-Dipped Galvanized, Add</i>		18.74	
			<i>For Stainless Steel, Add</i>		74.94	
04 05 19 13-0101	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		100.13	
			<i>For Class 1 Mill Galvanized, Add</i>		7.77	
			<i>For Class 2 Mill Galvanized, Add</i>		11.66	
			<i>For Hot-Dipped Galvanized, Add</i>		19.43	
			<i>For Stainless Steel, Add</i>		77.70	
04 05 19 13-0102	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....		104.49	
			<i>For Class 1 Mill Galvanized, Add</i>		8.16	
			<i>For Class 2 Mill Galvanized, Add</i>		12.25	
			<i>For Hot-Dipped Galvanized, Add</i>		20.41	
			<i>For Stainless Steel, Add</i>		81.64	
04 05 19 13-0103 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>						
04 05 19 13-0104 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0103)</small>						
04 05 19 13-0105	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		66.49	
			<i>For Class 1 Mill Galvanized, Add</i>		4.67	
			<i>For Class 2 Mill Galvanized, Add</i>		7.00	
			<i>For Hot-Dipped Galvanized, Add</i>		11.67	
			<i>For Stainless Steel, Add</i>		46.68	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0106	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		71.42	
			<i>For Class 1 Mill Galvanized, Add</i>		4.79	
			<i>For Class 2 Mill Galvanized, Add</i>		7.19	
			<i>For Hot-Dipped Galvanized, Add</i>		11.98	
			<i>For Stainless Steel, Add</i>		47.90	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0107	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		78.54	
			<i>For Class 1 Mill Galvanized, Add</i>		4.92	
			<i>For Class 2 Mill Galvanized, Add</i>		7.38	
			<i>For Hot-Dipped Galvanized, Add</i>		12.30	
			<i>For Stainless Steel, Add</i>		49.20	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0108	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		83.11	
			<i>For Class 1 Mill Galvanized, Add</i>		5.06	
			<i>For Class 2 Mill Galvanized, Add</i>		7.59	
			<i>For Hot-Dipped Galvanized, Add</i>		12.65	
			<i>For Stainless Steel, Add</i>		50.58	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0109	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		87.30	
			<i>For Class 1 Mill Galvanized, Add</i>		5.20	
			<i>For Class 2 Mill Galvanized, Add</i>		7.81	
			<i>For Hot-Dipped Galvanized, Add</i>		13.01	
			<i>For Stainless Steel, Add</i>		52.04	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0110	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....		90.34	
			<i>For Class 1 Mill Galvanized, Add</i>		5.33	
			<i>For Class 2 Mill Galvanized, Add</i>		8.00	
			<i>For Hot-Dipped Galvanized, Add</i>		13.34	
			<i>For Stainless Steel, Add</i>		53.34	
			<i>For Seismic Hook And Eye, Add</i>		27.50	
04 05 19 13-0111 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0103)</small>						

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0112	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	73.46
	<i>For Class 1 Mill Galvanized, Add</i>	6.06
	<i>For Class 2 Mill Galvanized, Add</i>	9.09
	<i>For Hot-Dipped Galvanized, Add</i>	15.16
	<i>For Stainless Steel, Add</i>	60.62
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0113	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	78.26
	<i>For Class 1 Mill Galvanized, Add</i>	6.16
	<i>For Class 2 Mill Galvanized, Add</i>	9.24
	<i>For Hot-Dipped Galvanized, Add</i>	15.40
	<i>For Stainless Steel, Add</i>	61.58
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0114	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	85.40
	<i>For Class 1 Mill Galvanized, Add</i>	6.29
	<i>For Class 2 Mill Galvanized, Add</i>	9.44
	<i>For Hot-Dipped Galvanized, Add</i>	15.73
	<i>For Stainless Steel, Add</i>	62.92
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0115	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	89.93
	<i>For Class 1 Mill Galvanized, Add</i>	6.42
	<i>For Class 2 Mill Galvanized, Add</i>	9.63
	<i>For Hot-Dipped Galvanized, Add</i>	16.06
	<i>For Stainless Steel, Add</i>	64.22
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0116	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	94.04
	<i>For Class 1 Mill Galvanized, Add</i>	6.55
	<i>For Class 2 Mill Galvanized, Add</i>	9.83
	<i>For Hot-Dipped Galvanized, Add</i>	16.38
	<i>For Stainless Steel, Add</i>	65.52
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0117	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	97.84
	<i>For Class 1 Mill Galvanized, Add</i>	6.83
	<i>For Class 2 Mill Galvanized, Add</i>	10.25
	<i>For Hot-Dipped Galvanized, Add</i>	17.09
	<i>For Stainless Steel, Add</i>	68.34
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0118	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0103)</small>	
04 05 19 13-0119	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	73.98
	<i>For Class 1 Mill Galvanized, Add</i>	6.17
	<i>For Class 2 Mill Galvanized, Add</i>	9.25
	<i>For Hot-Dipped Galvanized, Add</i>	15.42
	<i>For Stainless Steel, Add</i>	61.66
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0120	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	79.41
	<i>For Class 1 Mill Galvanized, Add</i>	6.39
	<i>For Class 2 Mill Galvanized, Add</i>	9.58
	<i>For Hot-Dipped Galvanized, Add</i>	15.97
	<i>For Stainless Steel, Add</i>	63.88
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0121	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	86.98
	<i>For Class 1 Mill Galvanized, Add</i>	6.61
	<i>For Class 2 Mill Galvanized, Add</i>	9.91
	<i>For Hot-Dipped Galvanized, Add</i>	16.52
	<i>For Stainless Steel, Add</i>	66.08
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0122	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	92.19
	<i>For Class 1 Mill Galvanized, Add</i>	6.87
	<i>For Class 2 Mill Galvanized, Add</i>	10.31
	<i>For Hot-Dipped Galvanized, Add</i>	17.19
	<i>For Stainless Steel, Add</i>	68.74
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0123	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	96.97
	<i>For Class 1 Mill Galvanized, Add</i>	7.14
	<i>For Class 2 Mill Galvanized, Add</i>	10.71
	<i>For Hot-Dipped Galvanized, Add</i>	17.85
	<i>For Stainless Steel, Add</i>	71.38
	<i>For Seismic Hook And Eye, Add</i>	27.50
04 05 19 13-0124	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	100.67
	<i>For Class 1 Mill Galvanized, Add</i>	7.40
	<i>For Class 2 Mill Galvanized, Add</i>	11.10
	<i>For Hot-Dipped Galvanized, Add</i>	18.50
	<i>For Stainless Steel, Add</i>	74.00
	<i>For Seismic Hook And Eye, Add</i>	27.50

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

04 05 19 13-0125	Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0126	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0125)</small>		
04 05 19 13-0127	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	72.20	
	<i>For Class 1 Mill Galvanized, Add</i>	4.95	
	<i>For Class 2 Mill Galvanized, Add</i>	7.42	
	<i>For Hot-Dipped Galvanized, Add</i>	12.37	
	<i>For Stainless Steel, Add</i>	49.46	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0128	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	79.27	
	<i>For Class 1 Mill Galvanized, Add</i>	5.07	
	<i>For Class 2 Mill Galvanized, Add</i>	7.60	
	<i>For Hot-Dipped Galvanized, Add</i>	12.67	
	<i>For Stainless Steel, Add</i>	50.66	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0129	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	83.74	
	<i>For Class 1 Mill Galvanized, Add</i>	5.18	
	<i>For Class 2 Mill Galvanized, Add</i>	7.78	
	<i>For Hot-Dipped Galvanized, Add</i>	12.96	
	<i>For Stainless Steel, Add</i>	51.84	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0130	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	87.97	
	<i>For Class 1 Mill Galvanized, Add</i>	5.34	
	<i>For Class 2 Mill Galvanized, Add</i>	8.01	
	<i>For Hot-Dipped Galvanized, Add</i>	13.35	
	<i>For Stainless Steel, Add</i>	53.38	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0131	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	91.05	
	<i>For Class 1 Mill Galvanized, Add</i>	5.48	
	<i>For Class 2 Mill Galvanized, Add</i>	8.21	
	<i>For Hot-Dipped Galvanized, Add</i>	13.69	
	<i>For Stainless Steel, Add</i>	54.76	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0132	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0125)</small>		
04 05 19 13-0133	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	78.92	
	<i>For Class 1 Mill Galvanized, Add</i>	6.29	
	<i>For Class 2 Mill Galvanized, Add</i>	9.44	
	<i>For Hot-Dipped Galvanized, Add</i>	15.73	
	<i>For Stainless Steel, Add</i>	62.90	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0134	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	86.04	
	<i>For Class 1 Mill Galvanized, Add</i>	6.42	
	<i>For Class 2 Mill Galvanized, Add</i>	9.63	
	<i>For Hot-Dipped Galvanized, Add</i>	16.05	
	<i>For Stainless Steel, Add</i>	64.20	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0135	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	90.61	
	<i>For Class 1 Mill Galvanized, Add</i>	6.56	
	<i>For Class 2 Mill Galvanized, Add</i>	9.84	
	<i>For Hot-Dipped Galvanized, Add</i>	16.40	
	<i>For Stainless Steel, Add</i>	65.58	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0136	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	94.63	
	<i>For Class 1 Mill Galvanized, Add</i>	6.67	
	<i>For Class 2 Mill Galvanized, Add</i>	10.01	
	<i>For Hot-Dipped Galvanized, Add</i>	16.68	
	<i>For Stainless Steel, Add</i>	66.70	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0137	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	97.77	
	<i>For Class 1 Mill Galvanized, Add</i>	6.82	
	<i>For Class 2 Mill Galvanized, Add</i>	10.23	
	<i>For Hot-Dipped Galvanized, Add</i>	17.05	
	<i>For Stainless Steel, Add</i>	68.20	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0138	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0125)</small>		

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0139	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	79.61	
	<i>For Class 1 Mill Galvanized, Add</i>	6.43	
	<i>For Class 2 Mill Galvanized, Add</i>	9.64	
	<i>For Hot-Dipped Galvanized, Add</i>	16.07	
	<i>For Stainless Steel, Add</i>	64.28	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0140	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	87.19	
	<i>For Class 1 Mill Galvanized, Add</i>	6.65	
	<i>For Class 2 Mill Galvanized, Add</i>	9.98	
	<i>For Hot-Dipped Galvanized, Add</i>	16.63	
	<i>For Stainless Steel, Add</i>	66.50	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0141	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	92.19	
	<i>For Class 1 Mill Galvanized, Add</i>	6.87	
	<i>For Class 2 Mill Galvanized, Add</i>	10.31	
	<i>For Hot-Dipped Galvanized, Add</i>	17.19	
	<i>For Stainless Steel, Add</i>	68.74	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0142	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	96.97	
	<i>For Class 1 Mill Galvanized, Add</i>	7.14	
	<i>For Class 2 Mill Galvanized, Add</i>	10.71	
	<i>For Hot-Dipped Galvanized, Add</i>	17.85	
	<i>For Stainless Steel, Add</i>	71.38	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0143	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	100.67	
	<i>For Class 1 Mill Galvanized, Add</i>	7.40	
	<i>For Class 2 Mill Galvanized, Add</i>	11.10	
	<i>For Hot-Dipped Galvanized, Add</i>	18.50	
	<i>For Stainless Steel, Add</i>	74.00	
	<i>For Seismic Hook And Eye, Add</i>	27.50	

04 05 19 13-0144 Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0001)

04 05 19 13-0145 Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0144)

04 05 19 13-0146 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0145)

04 05 19 13-0147	CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	39.64	
	<i>For Class 1 Mill Galvanized, Add</i>	1.94	
	<i>For Class 2 Mill Galvanized, Add</i>	2.92	
	<i>For Hot-Dipped Galvanized, Add</i>	4.86	
	<i>For Stainless Steel, Add</i>	19.44	
	<i>For Cavity Drip, Add</i>	0.50	
	<i>For 3-Wire, Add</i>	8.75	
	<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0148	CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	41.79	
	<i>For Class 1 Mill Galvanized, Add</i>	1.97	
	<i>For Class 2 Mill Galvanized, Add</i>	2.95	
	<i>For Hot-Dipped Galvanized, Add</i>	4.92	
	<i>For Stainless Steel, Add</i>	19.66	
	<i>For Cavity Drip, Add</i>	0.50	
	<i>For 3-Wire, Add</i>	8.75	
	<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0149	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	45.09	
	<i>For Class 1 Mill Galvanized, Add</i>	2.04	
	<i>For Class 2 Mill Galvanized, Add</i>	3.07	
	<i>For Hot-Dipped Galvanized, Add</i>	5.11	
	<i>For Stainless Steel, Add</i>	20.44	
	<i>For Cavity Drip, Add</i>	0.50	
	<i>For 3-Wire, Add</i>	8.75	
	<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0150	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	49.07	
	<i>For Class 1 Mill Galvanized, Add</i>	2.14	
	<i>For Class 2 Mill Galvanized, Add</i>	3.22	
	<i>For Hot-Dipped Galvanized, Add</i>	5.36	
	<i>For Stainless Steel, Add</i>	21.44	
	<i>For Cavity Drip, Add</i>	0.50	
	<i>For 3-Wire, Add</i>	8.75	
	<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0151	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	53.91	
	<i>For Class 1 Mill Galvanized, Add</i>	2.26	
	<i>For Class 2 Mill Galvanized, Add</i>	3.39	
	<i>For Hot-Dipped Galvanized, Add</i>	5.65	
	<i>For Stainless Steel, Add</i>	22.58	
	<i>For Cavity Drip, Add</i>	0.50	
	<i>For 3-Wire, Add</i>	8.75	
	<i>For Double Side Rods, Add</i>	17.50	

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

04 05 19 13-0152	CLF	#13	(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	57.61	
			<i>For Class 1 Mill Galvanized, Add</i>	2.32	
			<i>For Class 2 Mill Galvanized, Add</i>	3.48	
			<i>For Hot-Dipped Galvanized, Add</i>	5.80	
			<i>For Stainless Steel, Add</i>	23.18	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0153	CLF	#14	(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	59.97	
			<i>For Class 1 Mill Galvanized, Add</i>	2.41	
			<i>For Class 2 Mill Galvanized, Add</i>	3.61	
			<i>For Hot-Dipped Galvanized, Add</i>	6.02	
			<i>For Stainless Steel, Add</i>	24.06	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0154	CLF	#16	(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	68.29	
			<i>For Class 1 Mill Galvanized, Add</i>	3.38	
			<i>For Class 2 Mill Galvanized, Add</i>	5.07	
			<i>For Hot-Dipped Galvanized, Add</i>	8.45	
			<i>For Stainless Steel, Add</i>	33.80	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0155	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	72.32	
			<i>For Class 1 Mill Galvanized, Add</i>	3.57	
			<i>For Class 2 Mill Galvanized, Add</i>	5.36	
			<i>For Hot-Dipped Galvanized, Add</i>	8.94	
			<i>For Stainless Steel, Add</i>	35.74	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0156	CLF	#20	(For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	89.22	
			<i>For Class 1 Mill Galvanized, Add</i>	6.18	
			<i>For Class 2 Mill Galvanized, Add</i>	9.27	
			<i>For Hot-Dipped Galvanized, Add</i>	15.46	
			<i>For Stainless Steel, Add</i>	61.82	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	

04 05 19 13-0157 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement (04 05 19 13-0145)

04 05 19 13-0158	CLF	#4	(For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	43.40	
			<i>For Class 1 Mill Galvanized, Add</i>	2.70	
			<i>For Class 2 Mill Galvanized, Add</i>	4.04	
			<i>For Hot-Dipped Galvanized, Add</i>	6.74	
			<i>For Stainless Steel, Add</i>	26.96	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0159	CLF	#6	(For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	45.63	
			<i>For Class 1 Mill Galvanized, Add</i>	2.73	
			<i>For Class 2 Mill Galvanized, Add</i>	4.10	
			<i>For Hot-Dipped Galvanized, Add</i>	6.84	
			<i>For Stainless Steel, Add</i>	27.34	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0160	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	48.93	
			<i>For Class 1 Mill Galvanized, Add</i>	2.81	
			<i>For Class 2 Mill Galvanized, Add</i>	4.22	
			<i>For Hot-Dipped Galvanized, Add</i>	7.03	
			<i>For Stainless Steel, Add</i>	28.12	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	
04 05 19 13-0161	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	52.90	
			<i>For Class 1 Mill Galvanized, Add</i>	2.91	
			<i>For Class 2 Mill Galvanized, Add</i>	4.37	
			<i>For Hot-Dipped Galvanized, Add</i>	7.28	
			<i>For Stainless Steel, Add</i>	29.10	
			<i>For Cavity Drip, Add</i>	0.50	
			<i>For 3-Wire, Add</i>	8.75	
			<i>For Double Side Rods, Add</i>	17.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0162	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	57.69
	For Class 1 Mill Galvanized, Add	3.01
	For Class 2 Mill Galvanized, Add	4.52
	For Hot-Dipped Galvanized, Add	7.54
	For Stainless Steel, Add	30.14
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0163	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	61.43
	For Class 1 Mill Galvanized, Add	3.08
	For Class 2 Mill Galvanized, Add	4.63
	For Hot-Dipped Galvanized, Add	7.71
	For Stainless Steel, Add	30.84
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0164	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	63.74
	For Class 1 Mill Galvanized, Add	3.16
	For Class 2 Mill Galvanized, Add	4.74
	For Hot-Dipped Galvanized, Add	7.90
	For Stainless Steel, Add	31.60
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0165	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	73.36
	For Class 1 Mill Galvanized, Add	4.39
	For Class 2 Mill Galvanized, Add	6.59
	For Hot-Dipped Galvanized, Add	10.99
	For Stainless Steel, Add	43.94
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0166	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	77.38
	For Class 1 Mill Galvanized, Add	4.59
	For Class 2 Mill Galvanized, Add	6.88
	For Hot-Dipped Galvanized, Add	11.47
	For Stainless Steel, Add	45.86
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0167	CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.77
	For Class 1 Mill Galvanized, Add	8.66
	For Class 2 Mill Galvanized, Add	13.00
	For Hot-Dipped Galvanized, Add	21.66
	For Stainless Steel, Add	86.64
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0168	3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0145)</small>	
04 05 19 13-0169	CLF #4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	49.16
	For Class 1 Mill Galvanized, Add	3.85
	For Class 2 Mill Galvanized, Add	5.77
	For Hot-Dipped Galvanized, Add	9.62
	For Stainless Steel, Add	38.48
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0170	CLF #6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	51.70
	For Class 1 Mill Galvanized, Add	3.90
	For Class 2 Mill Galvanized, Add	5.84
	For Hot-Dipped Galvanized, Add	9.74
	For Stainless Steel, Add	38.96
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0171	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	54.72
	For Class 1 Mill Galvanized, Add	4.04
	For Class 2 Mill Galvanized, Add	6.06
	For Hot-Dipped Galvanized, Add	10.10
	For Stainless Steel, Add	40.38
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50
04 05 19 13-0172	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	59.52
	For Class 1 Mill Galvanized, Add	4.23
	For Class 2 Mill Galvanized, Add	6.35
	For Hot-Dipped Galvanized, Add	10.59
	For Stainless Steel, Add	42.34
	For Cavity Drip, Add	0.50
	For 3-Wire, Add	8.75
	For Double Side Rods, Add	17.50

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

04 05 19 13-0173	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		64.58	
	For Class 1 Mill Galvanized, Add		4.48	
	For Class 2 Mill Galvanized, Add		6.72	
	For Hot-Dipped Galvanized, Add		11.20	
	For Stainless Steel, Add		44.78	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0174	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		68.96	
	For Class 1 Mill Galvanized, Add		4.59	
	For Class 2 Mill Galvanized, Add		6.88	
	For Hot-Dipped Galvanized, Add		11.47	
	For Stainless Steel, Add		45.88	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0175	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		71.71	
	For Class 1 Mill Galvanized, Add		4.75	
	For Class 2 Mill Galvanized, Add		7.13	
	For Hot-Dipped Galvanized, Add		11.89	
	For Stainless Steel, Add		47.54	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0176	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		84.77	
	For Class 1 Mill Galvanized, Add		6.67	
	For Class 2 Mill Galvanized, Add		10.01	
	For Hot-Dipped Galvanized, Add		16.69	
	For Stainless Steel, Add		66.74	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0177	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		89.73	
	For Class 1 Mill Galvanized, Add		7.05	
	For Class 2 Mill Galvanized, Add		10.58	
	For Hot-Dipped Galvanized, Add		17.63	
	For Stainless Steel, Add		70.52	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0178	CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		119.27	
	For Class 1 Mill Galvanized, Add		12.19	
	For Class 2 Mill Galvanized, Add		18.29	
	For Hot-Dipped Galvanized, Add		30.48	
	For Stainless Steel, Add		121.92	
	For Cavity Drip, Add		0.50	
	For 3-Wire, Add		8.75	
	For Double Side Rods, Add		17.50	
04 05 19 13-0179	Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>			
04 05 19 13-0180	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0179)</small>			
04 05 19 13-0181	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		54.07	
	For Class 1 Mill Galvanized, Add		3.05	
	For Class 2 Mill Galvanized, Add		4.57	
	For Hot-Dipped Galvanized, Add		7.62	
	For Stainless Steel, Add		30.48	
	For Cavity Drip, Add		0.50	
04 05 19 13-0182	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		59.12	
	For Class 1 Mill Galvanized, Add		3.19	
	For Class 2 Mill Galvanized, Add		4.79	
	For Hot-Dipped Galvanized, Add		7.99	
	For Stainless Steel, Add		31.94	
	For Cavity Drip, Add		0.50	
04 05 19 13-0183	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		64.37	
	For Class 1 Mill Galvanized, Add		3.38	
	For Class 2 Mill Galvanized, Add		5.07	
	For Hot-Dipped Galvanized, Add		8.45	
	For Stainless Steel, Add		33.80	
	For Cavity Drip, Add		0.50	
04 05 19 13-0184	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		69.33	
	For Class 1 Mill Galvanized, Add		3.51	
	For Class 2 Mill Galvanized, Add		5.27	
	For Hot-Dipped Galvanized, Add		8.78	
	For Stainless Steel, Add		35.10	
	For Cavity Drip, Add		0.50	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0185	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	72.02	
	For Class 1 Mill Galvanized, Add	3.62	
	For Class 2 Mill Galvanized, Add	5.42	
	For Hot-Dipped Galvanized, Add	9.04	
	For Stainless Steel, Add	36.16	
	For Cavity Drip, Add	0.50	
04 05 19 13-0186	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	77.19	
	For Class 1 Mill Galvanized, Add	3.87	
	For Class 2 Mill Galvanized, Add	5.81	
	For Hot-Dipped Galvanized, Add	9.69	
	For Stainless Steel, Add	38.74	
	For Cavity Drip, Add	0.50	
04 05 19 13-0187	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	81.94	
	For Class 1 Mill Galvanized, Add	4.13	
	For Class 2 Mill Galvanized, Add	6.20	
	For Hot-Dipped Galvanized, Add	10.33	
	For Stainless Steel, Add	41.32	
	For Cavity Drip, Add	0.50	
04 05 19 13-0188	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0179)</small>		
04 05 19 13-0189	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	58.81	
	For Class 1 Mill Galvanized, Add	4.00	
	For Class 2 Mill Galvanized, Add	5.99	
	For Hot-Dipped Galvanized, Add	9.99	
	For Stainless Steel, Add	39.96	
	For Cavity Drip, Add	0.50	
04 05 19 13-0190	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	63.88	
	For Class 1 Mill Galvanized, Add	4.15	
	For Class 2 Mill Galvanized, Add	6.22	
	For Hot-Dipped Galvanized, Add	10.37	
	For Stainless Steel, Add	41.46	
	For Cavity Drip, Add	0.50	
04 05 19 13-0191	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	69.11	
	For Class 1 Mill Galvanized, Add	4.33	
	For Class 2 Mill Galvanized, Add	6.49	
	For Hot-Dipped Galvanized, Add	10.82	
	For Stainless Steel, Add	43.28	
	For Cavity Drip, Add	0.50	
04 05 19 13-0192	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	74.07	
	For Class 1 Mill Galvanized, Add	4.46	
	For Class 2 Mill Galvanized, Add	6.69	
	For Hot-Dipped Galvanized, Add	11.15	
	For Stainless Steel, Add	44.58	
	For Cavity Drip, Add	0.50	
04 05 19 13-0193	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	76.74	
	For Class 1 Mill Galvanized, Add	4.56	
	For Class 2 Mill Galvanized, Add	6.84	
	For Hot-Dipped Galvanized, Add	11.40	
	For Stainless Steel, Add	45.60	
	For Cavity Drip, Add	0.50	
04 05 19 13-0194	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	81.92	
	For Class 1 Mill Galvanized, Add	4.82	
	For Class 2 Mill Galvanized, Add	7.23	
	For Hot-Dipped Galvanized, Add	12.05	
	For Stainless Steel, Add	48.20	
	For Cavity Drip, Add	0.50	
04 05 19 13-0195	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	86.69	
	For Class 1 Mill Galvanized, Add	5.08	
	For Class 2 Mill Galvanized, Add	7.62	
	For Hot-Dipped Galvanized, Add	12.71	
	For Stainless Steel, Add	50.82	
	For Cavity Drip, Add	0.50	
04 05 19 13-0196	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0179)</small>		
04 05 19 13-0197	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	63.21	
	For Class 1 Mill Galvanized, Add	4.88	
	For Class 2 Mill Galvanized, Add	7.31	
	For Hot-Dipped Galvanized, Add	12.19	
	For Stainless Steel, Add	48.76	
	For Cavity Drip, Add	0.50	

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

04 05 19 13-0198	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		68.69	
			<i>For Class 1 Mill Galvanized, Add</i>		5.11	
			<i>For Class 2 Mill Galvanized, Add</i>		7.66	
			<i>For Hot-Dipped Galvanized, Add</i>		12.77	
			<i>For Stainless Steel, Add</i>		51.08	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0199	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		74.59	
			<i>For Class 1 Mill Galvanized, Add</i>		5.42	
			<i>For Class 2 Mill Galvanized, Add</i>		8.14	
			<i>For Hot-Dipped Galvanized, Add</i>		13.56	
			<i>For Stainless Steel, Add</i>		54.24	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0200	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		79.76	
			<i>For Class 1 Mill Galvanized, Add</i>		5.60	
			<i>For Class 2 Mill Galvanized, Add</i>		8.39	
			<i>For Hot-Dipped Galvanized, Add</i>		13.99	
			<i>For Stainless Steel, Add</i>		55.96	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0201	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		82.78	
			<i>For Class 1 Mill Galvanized, Add</i>		5.77	
			<i>For Class 2 Mill Galvanized, Add</i>		8.65	
			<i>For Hot-Dipped Galvanized, Add</i>		14.42	
			<i>For Stainless Steel, Add</i>		57.68	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0202	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		88.61	
			<i>For Class 1 Mill Galvanized, Add</i>		6.16	
			<i>For Class 2 Mill Galvanized, Add</i>		9.24	
			<i>For Hot-Dipped Galvanized, Add</i>		15.40	
			<i>For Stainless Steel, Add</i>		61.58	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0203	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		93.67	
			<i>For Class 1 Mill Galvanized, Add</i>		6.48	
			<i>For Class 2 Mill Galvanized, Add</i>		9.72	
			<i>For Hot-Dipped Galvanized, Add</i>		16.20	
			<i>For Stainless Steel, Add</i>		64.78	
			<i>For Cavity Drip, Add</i>		0.50	
04 05 19 13-0204			Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>			
04 05 19 13-0205			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>			
04 05 19 13-0206	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		68.86	
			<i>For Class 1 Mill Galvanized, Add</i>		6.01	
			<i>For Class 2 Mill Galvanized, Add</i>		9.01	
			<i>For Hot-Dipped Galvanized, Add</i>		15.02	
			<i>For Stainless Steel, Add</i>		60.06	
04 05 19 13-0207	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		73.39	
			<i>For Class 1 Mill Galvanized, Add</i>		6.05	
			<i>For Class 2 Mill Galvanized, Add</i>		9.07	
			<i>For Hot-Dipped Galvanized, Add</i>		15.12	
			<i>For Stainless Steel, Add</i>		60.48	
04 05 19 13-0208	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		78.45	
			<i>For Class 1 Mill Galvanized, Add</i>		6.20	
			<i>For Class 2 Mill Galvanized, Add</i>		9.29	
			<i>For Hot-Dipped Galvanized, Add</i>		15.49	
			<i>For Stainless Steel, Add</i>		61.96	
04 05 19 13-0209	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		85.89	
			<i>For Class 1 Mill Galvanized, Add</i>		6.39	
			<i>For Class 2 Mill Galvanized, Add</i>		9.59	
			<i>For Hot-Dipped Galvanized, Add</i>		15.98	
			<i>For Stainless Steel, Add</i>		63.90	
04 05 19 13-0210	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		90.93	
			<i>For Class 1 Mill Galvanized, Add</i>		6.62	
			<i>For Class 2 Mill Galvanized, Add</i>		9.93	
			<i>For Hot-Dipped Galvanized, Add</i>		16.56	
			<i>For Stainless Steel, Add</i>		66.22	
04 05 19 13-0211	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement		95.79	
			<i>For Class 1 Mill Galvanized, Add</i>		6.90	
			<i>For Class 2 Mill Galvanized, Add</i>		10.35	
			<i>For Hot-Dipped Galvanized, Add</i>		17.26	
			<i>For Stainless Steel, Add</i>		69.02	
04 05 19 13-0212			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>			

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0213	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	76.20
	<i>For Class 1 Mill Galvanized, Add</i>	7.47
	<i>For Class 2 Mill Galvanized, Add</i>	11.21
	<i>For Hot-Dipped Galvanized, Add</i>	18.69
	<i>For Stainless Steel, Add</i>	74.74
04 05 19 13-0214	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	80.83
	<i>For Class 1 Mill Galvanized, Add</i>	7.54
	<i>For Class 2 Mill Galvanized, Add</i>	11.30
	<i>For Hot-Dipped Galvanized, Add</i>	18.84
	<i>For Stainless Steel, Add</i>	75.36
04 05 19 13-0215	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	85.89
	<i>For Class 1 Mill Galvanized, Add</i>	7.68
	<i>For Class 2 Mill Galvanized, Add</i>	11.53
	<i>For Hot-Dipped Galvanized, Add</i>	19.21
	<i>For Stainless Steel, Add</i>	76.84
04 05 19 13-0216	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	93.32
	<i>For Class 1 Mill Galvanized, Add</i>	7.88
	<i>For Class 2 Mill Galvanized, Add</i>	11.81
	<i>For Hot-Dipped Galvanized, Add</i>	19.69
	<i>For Stainless Steel, Add</i>	78.76
04 05 19 13-0217	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	98.26
	<i>For Class 1 Mill Galvanized, Add</i>	8.09
	<i>For Class 2 Mill Galvanized, Add</i>	12.13
	<i>For Hot-Dipped Galvanized, Add</i>	20.22
	<i>For Stainless Steel, Add</i>	80.88
04 05 19 13-0218	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	102.79
	<i>For Class 1 Mill Galvanized, Add</i>	8.30
	<i>For Class 2 Mill Galvanized, Add</i>	12.45
	<i>For Hot-Dipped Galvanized, Add</i>	20.76
	<i>For Stainless Steel, Add</i>	83.02
04 05 19 13-0219	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>	
04 05 19 13-0220	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	80.22
	<i>For Class 1 Mill Galvanized, Add</i>	8.28
	<i>For Class 2 Mill Galvanized, Add</i>	12.42
	<i>For Hot-Dipped Galvanized, Add</i>	20.70
	<i>For Stainless Steel, Add</i>	82.78
04 05 19 13-0221	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	84.86
	<i>For Class 1 Mill Galvanized, Add</i>	8.34
	<i>For Class 2 Mill Galvanized, Add</i>	12.51
	<i>For Hot-Dipped Galvanized, Add</i>	20.86
	<i>For Stainless Steel, Add</i>	83.42
04 05 19 13-0222	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	90.33
	<i>For Class 1 Mill Galvanized, Add</i>	8.57
	<i>For Class 2 Mill Galvanized, Add</i>	12.86
	<i>For Hot-Dipped Galvanized, Add</i>	21.43
	<i>For Stainless Steel, Add</i>	85.72
04 05 19 13-0223	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	98.31
	<i>For Class 1 Mill Galvanized, Add</i>	8.87
	<i>For Class 2 Mill Galvanized, Add</i>	13.31
	<i>For Hot-Dipped Galvanized, Add</i>	22.19
	<i>For Stainless Steel, Add</i>	88.74
04 05 19 13-0224	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	104.10
	<i>For Class 1 Mill Galvanized, Add</i>	9.26
	<i>For Class 2 Mill Galvanized, Add</i>	13.88
	<i>For Hot-Dipped Galvanized, Add</i>	23.14
	<i>For Stainless Steel, Add</i>	92.56
04 05 19 13-0225	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	109.68
	<i>For Class 1 Mill Galvanized, Add</i>	9.68
	<i>For Class 2 Mill Galvanized, Add</i>	14.52
	<i>For Hot-Dipped Galvanized, Add</i>	24.20
	<i>For Stainless Steel, Add</i>	96.80
04 05 19 13-0226	Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>	
04 05 19 13-0227	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0226)</small>	
04 05 19 13-0228	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	74.58
	<i>For Class 1 Mill Galvanized, Add</i>	6.29
	<i>For Class 2 Mill Galvanized, Add</i>	9.43
	<i>For Hot-Dipped Galvanized, Add</i>	15.72
	<i>For Stainless Steel, Add</i>	62.86

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

04 05 19 13-0229	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	79.12	
			<i>For Class 1 Mill Galvanized, Add</i>	6.33	
			<i>For Class 2 Mill Galvanized, Add</i>	9.50	
			<i>For Hot-Dipped Galvanized, Add</i>	15.83	
			<i>For Stainless Steel, Add</i>	63.30	
04 05 19 13-0230	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	86.30	
			<i>For Class 1 Mill Galvanized, Add</i>	6.47	
			<i>For Class 2 Mill Galvanized, Add</i>	9.71	
			<i>For Hot-Dipped Galvanized, Add</i>	16.18	
			<i>For Stainless Steel, Add</i>	64.72	
04 05 19 13-0231	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	91.15	
			<i>For Class 1 Mill Galvanized, Add</i>	6.67	
			<i>For Class 2 Mill Galvanized, Add</i>	10.00	
			<i>For Hot-Dipped Galvanized, Add</i>	16.67	
			<i>For Stainless Steel, Add</i>	66.66	
04 05 19 13-0232	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	95.78	
			<i>For Class 1 Mill Galvanized, Add</i>	6.90	
			<i>For Class 2 Mill Galvanized, Add</i>	10.35	
			<i>For Hot-Dipped Galvanized, Add</i>	17.25	
			<i>For Stainless Steel, Add</i>	69.00	
04 05 19 13-0233	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	99.37	
			<i>For Class 1 Mill Galvanized, Add</i>	7.14	
			<i>For Class 2 Mill Galvanized, Add</i>	10.71	
			<i>For Hot-Dipped Galvanized, Add</i>	17.85	
			<i>For Stainless Steel, Add</i>	71.40	
04 05 19 13-0234	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0226)</small>				
04 05 19 13-0235	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	81.89	
			<i>For Class 1 Mill Galvanized, Add</i>	7.75	
			<i>For Class 2 Mill Galvanized, Add</i>	11.62	
			<i>For Hot-Dipped Galvanized, Add</i>	19.37	
			<i>For Stainless Steel, Add</i>	77.48	
04 05 19 13-0236	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	86.53	
			<i>For Class 1 Mill Galvanized, Add</i>	7.81	
			<i>For Class 2 Mill Galvanized, Add</i>	11.72	
			<i>For Hot-Dipped Galvanized, Add</i>	19.53	
			<i>For Stainless Steel, Add</i>	78.12	
04 05 19 13-0237	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	93.74	
			<i>For Class 1 Mill Galvanized, Add</i>	7.96	
			<i>For Class 2 Mill Galvanized, Add</i>	11.94	
			<i>For Hot-Dipped Galvanized, Add</i>	19.90	
			<i>For Stainless Steel, Add</i>	79.60	
04 05 19 13-0238	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	98.58	
			<i>For Class 1 Mill Galvanized, Add</i>	8.15	
			<i>For Class 2 Mill Galvanized, Add</i>	12.23	
			<i>For Hot-Dipped Galvanized, Add</i>	20.38	
			<i>For Stainless Steel, Add</i>	81.52	
04 05 19 13-0239	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	103.10	
			<i>For Class 1 Mill Galvanized, Add</i>	8.36	
			<i>For Class 2 Mill Galvanized, Add</i>	12.55	
			<i>For Hot-Dipped Galvanized, Add</i>	20.91	
			<i>For Stainless Steel, Add</i>	83.64	
04 05 19 13-0240	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	106.75	
			<i>For Class 1 Mill Galvanized, Add</i>	8.62	
			<i>For Class 2 Mill Galvanized, Add</i>	12.92	
			<i>For Hot-Dipped Galvanized, Add</i>	21.54	
			<i>For Stainless Steel, Add</i>	86.16	
04 05 19 13-0241	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0226)</small>				
04 05 19 13-0242	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	85.93	
			<i>For Class 1 Mill Galvanized, Add</i>	8.56	
			<i>For Class 2 Mill Galvanized, Add</i>	12.83	
			<i>For Hot-Dipped Galvanized, Add</i>	21.39	
			<i>For Stainless Steel, Add</i>	85.56	
04 05 19 13-0243	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	90.55	
			<i>For Class 1 Mill Galvanized, Add</i>	8.62	
			<i>For Class 2 Mill Galvanized, Add</i>	12.92	
			<i>For Hot-Dipped Galvanized, Add</i>	21.54	
			<i>For Stainless Steel, Add</i>	86.16	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0244	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	98.20	
	<i>For Class 1 Mill Galvanized, Add</i>	8.85	
	<i>For Class 2 Mill Galvanized, Add</i>	13.28	
	<i>For Hot-Dipped Galvanized, Add</i>	22.13	
	<i>For Stainless Steel, Add</i>	88.52	
04 05 19 13-0245	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	103.58	
	<i>For Class 1 Mill Galvanized, Add</i>	9.15	
	<i>For Class 2 Mill Galvanized, Add</i>	13.73	
	<i>For Hot-Dipped Galvanized, Add</i>	22.88	
	<i>For Stainless Steel, Add</i>	91.52	
04 05 19 13-0246	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	108.94	
	<i>For Class 1 Mill Galvanized, Add</i>	9.53	
	<i>For Class 2 Mill Galvanized, Add</i>	14.30	
	<i>For Hot-Dipped Galvanized, Add</i>	23.83	
	<i>For Stainless Steel, Add</i>	95.32	
04 05 19 13-0247	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	112.78	
	<i>For Class 1 Mill Galvanized, Add</i>	9.82	
	<i>For Class 2 Mill Galvanized, Add</i>	14.73	
	<i>For Hot-Dipped Galvanized, Add</i>	24.56	
	<i>For Stainless Steel, Add</i>	98.22	
04 05 19 13-0248	Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0144)</small>		
04 05 19 13-0249	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0248)</small>		
04 05 19 13-0250	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	71.75	
	<i>For Class 1 Mill Galvanized, Add</i>	5.72	
	<i>For Class 2 Mill Galvanized, Add</i>	8.58	
	<i>For Hot-Dipped Galvanized, Add</i>	14.30	
	<i>For Stainless Steel, Add</i>	57.20	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0251	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	76.27	
	<i>For Class 1 Mill Galvanized, Add</i>	5.76	
	<i>For Class 2 Mill Galvanized, Add</i>	8.64	
	<i>For Hot-Dipped Galvanized, Add</i>	14.40	
	<i>For Stainless Steel, Add</i>	57.60	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0252	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	83.36	
	<i>For Class 1 Mill Galvanized, Add</i>	5.88	
	<i>For Class 2 Mill Galvanized, Add</i>	8.83	
	<i>For Hot-Dipped Galvanized, Add</i>	14.71	
	<i>For Stainless Steel, Add</i>	58.84	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0253	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	88.13	
	<i>For Class 1 Mill Galvanized, Add</i>	6.06	
	<i>For Class 2 Mill Galvanized, Add</i>	9.09	
	<i>For Hot-Dipped Galvanized, Add</i>	15.16	
	<i>For Stainless Steel, Add</i>	60.62	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0254	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	92.52	
	<i>For Class 1 Mill Galvanized, Add</i>	6.25	
	<i>For Class 2 Mill Galvanized, Add</i>	9.37	
	<i>For Hot-Dipped Galvanized, Add</i>	15.62	
	<i>For Stainless Steel, Add</i>	62.48	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0255	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	96.04	
	<i>For Class 1 Mill Galvanized, Add</i>	6.47	
	<i>For Class 2 Mill Galvanized, Add</i>	9.71	
	<i>For Hot-Dipped Galvanized, Add</i>	16.19	
	<i>For Stainless Steel, Add</i>	64.74	
	<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0256	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0248)</small>		
04 05 19 13-0257	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	78.49	
	<i>For Class 1 Mill Galvanized, Add</i>	7.07	
	<i>For Class 2 Mill Galvanized, Add</i>	10.60	
	<i>For Hot-Dipped Galvanized, Add</i>	17.67	
	<i>For Stainless Steel, Add</i>	70.68	
	<i>For Seismic Hook And Eye, Add</i>	27.50	

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

04 05 19 13-0258	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye		83.09	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		7.12	
	For Class 1 Mill Galvanized, Add		10.69	
	For Class 2 Mill Galvanized, Add		17.81	
	For Hot-Dipped Galvanized, Add		71.24	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0259	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye		90.12	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		7.24	
	For Class 1 Mill Galvanized, Add		10.85	
	For Class 2 Mill Galvanized, Add		18.09	
	For Hot-Dipped Galvanized, Add		72.36	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0260	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye		94.85	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		7.41	
	For Class 1 Mill Galvanized, Add		11.11	
	For Class 2 Mill Galvanized, Add		18.52	
	For Hot-Dipped Galvanized, Add		74.06	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0261	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye		99.23	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		7.59	
	For Class 1 Mill Galvanized, Add		11.39	
	For Class 2 Mill Galvanized, Add		18.98	
	For Hot-Dipped Galvanized, Add		75.90	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0262	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye		102.63	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		7.79	
	For Class 1 Mill Galvanized, Add		11.69	
	For Class 2 Mill Galvanized, Add		19.48	
	For Hot-Dipped Galvanized, Add		77.92	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0263 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties				
For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0248)				
04 05 19 13-0264	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties		82.57	
	For Composite Walls, Masonry Wall Reinforcement		7.88	
	For Class 1 Mill Galvanized, Add		11.83	
	For Class 2 Mill Galvanized, Add		19.71	
	For Hot-Dipped Galvanized, Add		78.84	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0265	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties		87.19	
	For Composite Walls, Masonry Wall Reinforcement		7.94	
	For Class 1 Mill Galvanized, Add		11.92	
	For Class 2 Mill Galvanized, Add		19.86	
	For Hot-Dipped Galvanized, Add		79.44	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0266	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties		94.76	
	For Composite Walls, Masonry Wall Reinforcement		8.16	
	For Class 1 Mill Galvanized, Add		12.25	
	For Class 2 Mill Galvanized, Add		20.41	
	For Hot-Dipped Galvanized, Add		81.64	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0267	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye		100.08	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		8.45	
	For Class 1 Mill Galvanized, Add		12.68	
	For Class 2 Mill Galvanized, Add		21.13	
	For Hot-Dipped Galvanized, Add		84.52	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0268	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye		105.36	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		8.82	
	For Class 1 Mill Galvanized, Add		13.22	
	For Class 2 Mill Galvanized, Add		22.04	
	For Hot-Dipped Galvanized, Add		88.16	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0269	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye		109.77	
	Ties For Composite Walls, Masonry Wall Reinforcement.....		9.22	
	For Class 1 Mill Galvanized, Add		13.83	
	For Class 2 Mill Galvanized, Add		23.05	
	For Hot-Dipped Galvanized, Add		92.20	
	For Stainless Steel, Add		27.50	
	For Seismic Hook And Eye, Add		27.50	
04 05 19 13-0270	Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0144)			
04 05 19 13-0271	9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall (04 05 19 13-0270)			

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0272	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	77.42
	For Class 1 Mill Galvanized, Add	5.99
	For Class 2 Mill Galvanized, Add	8.99
	For Hot-Dipped Galvanized, Add	14.98
	For Stainless Steel, Add	59.90
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0273	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	84.10
	For Class 1 Mill Galvanized, Add	6.03
	For Class 2 Mill Galvanized, Add	9.05
	For Hot-Dipped Galvanized, Add	15.08
	For Stainless Steel, Add	60.32
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0274	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	88.64
	For Class 1 Mill Galvanized, Add	6.16
	For Class 2 Mill Galvanized, Add	9.25
	For Hot-Dipped Galvanized, Add	15.41
	For Stainless Steel, Add	61.64
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0275	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	93.04
	For Class 1 Mill Galvanized, Add	6.35
	For Class 2 Mill Galvanized, Add	9.53
	For Hot-Dipped Galvanized, Add	15.88
	For Stainless Steel, Add	63.52
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0276	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	96.52
	For Class 1 Mill Galvanized, Add	6.57
	For Class 2 Mill Galvanized, Add	9.86
	For Hot-Dipped Galvanized, Add	16.43
	For Stainless Steel, Add	65.70
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0277	3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0270)</small>	
04 05 19 13-0278	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	84.68
	For Class 1 Mill Galvanized, Add	7.44
	For Class 2 Mill Galvanized, Add	11.16
	For Hot-Dipped Galvanized, Add	18.61
	For Stainless Steel, Add	74.42
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0279	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	91.38
	For Class 1 Mill Galvanized, Add	7.49
	For Class 2 Mill Galvanized, Add	11.23
	For Hot-Dipped Galvanized, Add	18.72
	For Stainless Steel, Add	74.88
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0280	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	95.90
	For Class 1 Mill Galvanized, Add	7.62
	For Class 2 Mill Galvanized, Add	11.42
	For Hot-Dipped Galvanized, Add	19.04
	For Stainless Steel, Add	76.16
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0281	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	100.22
	For Class 1 Mill Galvanized, Add	7.79
	For Class 2 Mill Galvanized, Add	11.68
	For Hot-Dipped Galvanized, Add	19.47
	For Stainless Steel, Add	77.88
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0282	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	103.50
	For Class 1 Mill Galvanized, Add	7.97
	For Class 2 Mill Galvanized, Add	11.95
	For Hot-Dipped Galvanized, Add	19.92
	For Stainless Steel, Add	79.66
	For Seismic Hook And Eye, Add	27.50
04 05 19 13-0283	3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0270)</small>	
04 05 19 13-0284	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	88.21
	For Class 1 Mill Galvanized, Add	8.15
	For Class 2 Mill Galvanized, Add	12.22
	For Hot-Dipped Galvanized, Add	20.37
	For Stainless Steel, Add	81.48
	For Seismic Hook And Eye, Add	27.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

04 05 19 13-0285	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	94.97	
			<i>For Class 1 Mill Galvanized, Add</i>	8.21	
			<i>For Class 2 Mill Galvanized, Add</i>	12.31	
			<i>For Hot-Dipped Galvanized, Add</i>	20.52	
			<i>For Stainless Steel, Add</i>	82.06	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0286	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	99.97	
			<i>For Class 1 Mill Galvanized, Add</i>	8.43	
			<i>For Class 2 Mill Galvanized, Add</i>	12.65	
			<i>For Hot-Dipped Galvanized, Add</i>	21.08	
			<i>For Stainless Steel, Add</i>	84.30	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0287	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	104.86	
			<i>For Class 1 Mill Galvanized, Add</i>	8.72	
			<i>For Class 2 Mill Galvanized, Add</i>	13.07	
			<i>For Hot-Dipped Galvanized, Add</i>	21.79	
			<i>For Stainless Steel, Add</i>	87.16	
			<i>For Seismic Hook And Eye, Add</i>	27.50	
04 05 19 13-0288	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	109.06	
			<i>For Class 1 Mill Galvanized, Add</i>	9.08	
			<i>For Class 2 Mill Galvanized, Add</i>	13.62	
			<i>For Hot-Dipped Galvanized, Add</i>	22.70	
			<i>For Stainless Steel, Add</i>	90.78	
			<i>For Seismic Hook And Eye, Add</i>	27.50	

04 05 19 16 Masonry Anchors (04 05 19)

04 05 19 16-0001			Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0002			Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>		
04 05 19 16-0003	EA	2"	Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.92	
04 05 19 16-0004	EA	2"	Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.96	
04 05 19 16-0005	EA	2"	Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.00	
04 05 19 16-0006	EA	2"	Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05	
04 05 19 16-0007	EA	2"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.10	
04 05 19 16-0008	EA	4"	Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.00	
04 05 19 16-0009	EA	4"	Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.05	
04 05 19 16-0010	EA	4"	Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.10	
04 05 19 16-0011	EA	4"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.15	
04 05 19 16-0012			Mill Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>		
04 05 19 16-0013	EA	2"	Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.84	
04 05 19 16-0014	EA	2"	Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.86	
04 05 19 16-0015	EA	2"	Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.88	
04 05 19 16-0016	EA	2"	Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.91	
04 05 19 16-0017	EA	2"	Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.93	
04 05 19 16-0018	EA	4"	Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.88	
04 05 19 16-0019	EA	4"	Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.91	
04 05 19 16-0020	EA	4"	Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.93	
04 05 19 16-0021	EA	4"	Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	0.96	
04 05 19 16-0022			Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0023			Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>		
04 05 19 16-0024	EA	6"	Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.85	
04 05 19 16-0025	EA	8"	Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.87	
04 05 19 16-0026	EA	10"	Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.94	
04 05 19 16-0027	EA	12"	Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.98	
04 05 19 16-0028	EA	6"	Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.99	
04 05 19 16-0029	EA	8"	Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.03	
04 05 19 16-0030	EA	10"	Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.09	
04 05 19 16-0031	EA	12"	Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.13	
04 05 19 16-0032			Mill Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>		
04 05 19 16-0033	EA	6"	Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.79	
04 05 19 16-0034	EA	8"	Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.80	
04 05 19 16-0035	EA	10"	Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.86	
04 05 19 16-0036	EA	12"	Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.87	
04 05 19 16-0037	EA	6"	Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.88	
04 05 19 16-0038	EA	8"	Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.91	
04 05 19 16-0039	EA	10"	Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.93	
04 05 19 16-0040	EA	12"	Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	0.97	
04 05 19 16-0041			Wire Beam Ties <small>(04 05 19 16)</small>		
04 05 19 16-0042			Hot-Dipped Galvanized, Wire Beam Ties <small>(04 05 19 16-0041)</small>		
04 05 19 16-0043	EA	2"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.05	
04 05 19 16-0044	EA	4"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie.....	1.07	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.08
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.10
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.13
04 05 19 16-0048		Mill Galvanized, Wire Beam Ties (04 05 19 16-0041)	
04 05 19 16-0049	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.20
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.24
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.28
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.31
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	1.34
04 05 19 16-0054		Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16)	
04 05 19 16-0055		Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)	
04 05 19 16-0056	EA	6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.13
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.17
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.19
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.22
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.23
04 05 19 16-0061		Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties (04 05 19 16-0054)	
04 05 19 16-0062	EA	6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.00
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.03
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.03
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.06
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.06
04 05 19 16-0067		Corrugated Buck (Brick) Anchors (04 05 19 16)	
04 05 19 16-0068		Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)	
04 05 19 16-0069	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.32
04 05 19 16-0070	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.36
04 05 19 16-0071	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.41
04 05 19 16-0072	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.45
04 05 19 16-0073	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49
04 05 19 16-0074	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.36
04 05 19 16-0075	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.40
04 05 19 16-0076	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.45
04 05 19 16-0077	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.49
04 05 19 16-0078	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	1.54
04 05 19 16-0079		Mill Galvanized, Corrugated Buck (Brick) Anchors (04 05 19 16-0067)	
04 05 19 16-0080	EA	3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.18
04 05 19 16-0081	EA	4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.21
04 05 19 16-0082	EA	5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.24
04 05 19 16-0083	EA	6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.27
04 05 19 16-0084	EA	7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.30
04 05 19 16-0085	EA	3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.20
04 05 19 16-0086	EA	4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.24
04 05 19 16-0087	EA	5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.27
04 05 19 16-0088	EA	6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.30
04 05 19 16-0089	EA	7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	1.33
04 05 19 16-0090		Corrugated Wall Ties (04 05 19 16)	
04 05 19 16-0091		Hot-Dipped Galvanized, Corrugated Wall Ties (04 05 19 16-0090)	
04 05 19 16-0092	EA	7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.79
04 05 19 16-0093	EA	7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.82
04 05 19 16-0094	EA	7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.84
04 05 19 16-0095	EA	7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.85
04 05 19 16-0096	EA	7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	0.96
04 05 19 16-0097		Mill Galvanized, Corrugated Wall Ties (04 05 19 16-0090)	
04 05 19 16-0098	EA	7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	0.80
04 05 19 16-0099	EA	7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	0.81
04 05 19 16-0100	EA	7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	0.82
04 05 19 16-0101	EA	7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	0.91
04 05 19 16-0102		Stainless Steel, Corrugated Wall Ties (04 05 19 16-0090)	
04 05 19 16-0103	EA	7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.13
04 05 19 16-0104	EA	7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.18
04 05 19 16-0105	EA	7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.24
04 05 19 16-0106	EA	7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.29
04 05 19 16-0107	EA	7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	1.58

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

04 05 19 16-0108 Wire Mesh Wall Ties (04 05 19 16)
Note: 1/2" square mesh.

04 05 19 16-0109	EA 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.45	
04 05 19 16-0110	EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	1.72	
04 05 19 16-0111	EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.01	
04 05 19 16-0112	EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.49	
04 05 19 16-0113	EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.41	
04 05 19 16-0114	EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.85	

04 05 19 16-0115 Triangle Brick Ties (04 05 19 16)

04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties (04 05 19 16-0115)

04 05 19 16-0117	EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.31	
04 05 19 16-0118	EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.33	
04 05 19 16-0119	EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.34	
04 05 19 16-0120	EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.39	
04 05 19 16-0121	EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.41	
04 05 19 16-0122	EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.49	
04 05 19 16-0123	EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.52	
04 05 19 16-0124	EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.61	
04 05 19 16-0125	EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.49	
04 05 19 16-0126	EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.51	
04 05 19 16-0127	EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.52	
04 05 19 16-0128	EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.56	
04 05 19 16-0129	EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.58	
04 05 19 16-0130	EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.65	
04 05 19 16-0131	EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.68	
04 05 19 16-0132	EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	1.77	

04 05 19 16-0133 Mill Galvanized, Triangle Brick Ties (04 05 19 16-0115)

04 05 19 16-0134	EA 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.22	
04 05 19 16-0135	EA 3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.22	
04 05 19 16-0136	EA 4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.23	
04 05 19 16-0137	EA 4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.27	
04 05 19 16-0138	EA 5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.27	
04 05 19 16-0139	EA 6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.33	
04 05 19 16-0140	EA 7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.34	
04 05 19 16-0141	EA 9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.37	
04 05 19 16-0142	EA 3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.33	
04 05 19 16-0143	EA 3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.34	
04 05 19 16-0144	EA 4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.35	
04 05 19 16-0145	EA 4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.39	
04 05 19 16-0146	EA 5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.40	
04 05 19 16-0147	EA 6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.46	
04 05 19 16-0148	EA 7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.48	
04 05 19 16-0149	EA 9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.53	

04 05 19 16-0150 Seismic Veneer Anchors (04 05 19 16)

04 05 19 16-0151	EA 3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor.....	5.24	
------------------	---	------	--

Note: For horizontal wire attachment. Excludes wire.

04 05 19 16-0152 Slip-Set, Joint Stabilization Anchors (04 05 19 16)

Note: For restraining lateral movement at control joints. Field bendable.

04 05 19 16-0153	EA 9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor.....	3.43	
04 05 19 16-0154	EA 9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor.....	3.70	
04 05 19 16-0155	EA 9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....	5.24	

04 05 19 16-0156 Strap Partition Top Anchors (04 05 19 16)

04 05 19 16-0157	EA 12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor.....	2.08	
04 05 19 16-0158	EA 12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor.....	5.53	

04 05 19 16-0159 Rigid Partition Anchors (04 05 19 16)

04 05 19 16-0160 Hot-Dipped Galvanized, Rigid Partition Anchors (04 05 19 16-0159)

04 05 19 16-0161	EA 1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.74	
04 05 19 16-0162	EA 1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	1.86	
04 05 19 16-0163	EA 1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.00	
04 05 19 16-0164	EA 1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.13	
04 05 19 16-0165	EA 2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.26	
04 05 19 16-0166	EA 2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.39	
04 05 19 16-0167	EA 1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.26	
04 05 19 16-0168	EA 1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.67	
04 05 19 16-0169	EA 1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.08	
04 05 19 16-0170	EA 1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.50	
04 05 19 16-0171	EA 2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.91	
04 05 19 16-0172	EA 2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.32	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>	
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.63
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.73
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.83
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	1.93
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.03
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.13
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates <small>(04 05 19 16)</small>	
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.14
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate	1.18
04 05 19 16-0183		Wire Column Ties <small>(04 05 19 16)</small>	
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>	
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.31
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.38
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.43
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.50
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.37
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.43
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.48
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.52
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.68
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.80
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.87
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.98
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.80
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.87
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	1.94
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.02
04 05 19 16-0201		Mill Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>	
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.19
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.24
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.26
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.31
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.21
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.25
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.28
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	1.31
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.46
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.54
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.57
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.65
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.43
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.55
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.61
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	1.65
04 05 19 16-0218		Dovetail Anchors, Slots And Ties <small>(04 05 19 16)</small>	
04 05 19 16-0219		Dovetail Anchor Slots <small>(04 05 19 16-0218)</small>	
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>	
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	2.65
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	2.85
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	2.96
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.02
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	3.16
04 05 19 16-0226		Mill Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>	
04 05 19 16-0227	LF	24 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.24
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.50
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.56
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.65
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	2.70
04 05 19 16-0232		304 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>	
04 05 19 16-0233	LF	24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.07
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.45
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	3.58
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.01
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.43
04 05 19 16-0238		316 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>	
04 05 19 16-0239	LF	24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	3.37

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

04 05 19 16-0240	LF			22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.66	
04 05 19 16-0241	LF			20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	3.95	
04 05 19 16-0242	LF			18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.32	
04 05 19 16-0243	LF			16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.54	
04 05 19 16-0244				Dovetail Corrugated Brick Ties <small>(04 05 19 16-0218)</small>		
04 05 19 16-0245				Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie <small>(04 05 19 16-0244)</small>		
04 05 19 16-0246	EA			3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	0.99	
04 05 19 16-0247	EA			5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.05	
04 05 19 16-0248	EA			7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.12	
04 05 19 16-0249	EA			3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.00	
04 05 19 16-0250	EA			5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.13	
04 05 19 16-0251	EA			7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.22	
04 05 19 16-0252	EA			3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.04	
04 05 19 16-0253	EA			5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.12	
04 05 19 16-0254	EA			7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.20	
04 05 19 16-0255				Mill Galvanized, Dovetail Corrugated Brick Tie <small>(04 05 19 16-0244)</small>		
04 05 19 16-0256	EA			3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.93	
04 05 19 16-0257	EA			5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.97	
04 05 19 16-0258	EA			7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.01	
04 05 19 16-0259	EA			3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.96	
04 05 19 16-0260	EA			5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.04	
04 05 19 16-0261	EA			7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.11	
04 05 19 16-0262	EA			3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	0.97	
04 05 19 16-0263	EA			5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.07	
04 05 19 16-0264	EA			7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.14	
04 05 19 16-0265				Dovetail Stone Anchors <small>(04 05 19 16-0218)</small>		
04 05 19 16-0266				Hot-Dipped Galvanized, Dovetail Stone Anchors <small>(04 05 19 16-0265)</small>		
04 05 19 16-0267	EA			3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.13	
04 05 19 16-0268	EA			5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.19	
04 05 19 16-0269	EA			7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.26	
04 05 19 16-0270				Dovetail Partition Top Anchors <small>(04 05 19 16-0218)</small>		
04 05 19 16-0271	EA			3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	2.20	
04 05 19 16-0272	EA			3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	5.93	
04 05 19 16-0273				Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0218)</small>		
04 05 19 16-0274				Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0273)</small>		
04 05 19 16-0275	EA			3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.61	
04 05 19 16-0276	EA			5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.70	
04 05 19 16-0277	EA			7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.76	
04 05 19 16-0278	EA			9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.82	
04 05 19 16-0279				Mill Galvanized, Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0273)</small>		
04 05 19 16-0280	EA			3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.49	
04 05 19 16-0281	EA			5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.50	
04 05 19 16-0282	EA			7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.53	
04 05 19 16-0283	EA			9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	1.63	
04 05 19 26				Masonry Reinforcing Bars <small>(04 05 19)</small>		
				<small>Note: Includes cutting and bending.</small>		
04 05 19 26-0001				Plain Steel Masonry Reinforcement Bar <small>(04 05 19 26)</small>		
04 05 19 26-0002	LF			#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.72	
04 05 19 26-0003	LF			#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.16	
04 05 19 26-0004	LF			#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.63	
04 05 19 26-0005	LF			#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.11	
04 05 19 26-0006	LF			#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	0.73	
04 05 19 26-0007	LF			#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.17	
04 05 19 26-0008	LF			#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.65	
04 05 19 26-0009	LF			#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.15	
04 05 19 26-0010	LF			#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	0.86	
04 05 19 26-0011	LF			#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.37	
04 05 19 26-0012	LF			#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.93	
04 05 19 26-0013	LF			#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.47	
04 05 19 26-0014	LF			#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	0.87	
04 05 19 26-0015	LF			#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.38	
04 05 19 26-0016	LF			#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.95	
04 05 19 26-0017	LF			#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.51	
04 05 19 26-0018				Galvanized Steel Masonry Reinforcement Bar <small>(04 05 19 26)</small>		
04 05 19 26-0019	LF			#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.80	

04 Masonry**04 05 Common Work Results For Masonry****04 05 19 Masonry Anchorage And Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 26-0020	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.31	
04 05 19 26-0021	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.87	
04 05 19 26-0022	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.46	
04 05 19 26-0023	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.81	
04 05 19 26-0024	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.33	
04 05 19 26-0025	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.89	
04 05 19 26-0026	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.49	
04 05 19 26-0027	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.94	
04 05 19 26-0028	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.52	
04 05 19 26-0029	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.17	
04 05 19 26-0030	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.82	
04 05 19 26-0031	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	0.95	
04 05 19 26-0032	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.54	
04 05 19 26-0033	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.19	
04 05 19 26-0034	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.85	

04 05 19 26-0035 Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0036	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.80	
04 05 19 26-0037	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.30	
04 05 19 26-0038	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.84	
04 05 19 26-0039	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.42	
04 05 19 26-0040	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.80	
04 05 19 26-0041	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.31	
04 05 19 26-0042	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.86	
04 05 19 26-0043	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.45	
04 05 19 26-0044	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.94	
04 05 19 26-0045	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.51	
04 05 19 26-0046	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.14	
04 05 19 26-0047	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.78	
04 05 19 26-0048	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	0.94	
04 05 19 26-0049	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.52	
04 05 19 26-0050	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.16	
04 05 19 26-0051	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.81	

04 05 23 Masonry Accessories (04 05)**04 05 23 13 Masonry Control And Expansion Joints (04 05 23)****04 05 23 13-0001 Masonry Control Joints (04 05 23 13)****04 05 23 13-0002 Rubber, Masonry Control Joints (04 05 23 13-0001)**

04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint.....	3.72	0.76
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint.....	3.64	0.76
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint.....	7.20	0.76

04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints (04 05 23 13-0001)

04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.55	0.76
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	2.62	0.76
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.30	0.76
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.69	0.76
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	3.54	0.76

04 05 23 16 Masonry Embedded Flashing (04 05 23)**04 05 23 16-0001 Lead Coated Copper Through Wall Flashing (04 05 23 16)****04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)**

04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.04	1.35
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.45	1.35
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	6.59	1.35
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.60	1.35

04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.44	1.35
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.81	1.35
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.12	1.35
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	8.34	1.35

04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing (04 05 23 16-0001)

04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.13	1.35
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	5.64	1.35
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	6.38	1.35
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	7.93	1.35

04 05 23 16-0017 Copper Through Wall Flashing (04 05 23 16)**04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)**

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.42	1.26
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	4.72	1.26
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	5.56	1.26
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.30	1.26
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	6.61	1.26
04 05 23 16-0024 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)				
04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	4.72	1.26
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	4.98	1.26
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.95	1.26
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.84	1.26
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	7.36	1.26
04 05 23 16-0030 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)				
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.45	1.26
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.76	1.26
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.59	1.26
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.33	1.26
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.64	1.26
04 05 23 16-0036 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)				
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.49	1.26
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	4.86	1.26
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	5.41	1.26
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.54	1.26
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	6.39	1.26
04 05 23 16-0042 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing (04 05 23 16-0017)				
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	5.73	1.26
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	6.85	1.26
04 05 23 16-0045 2 Sides Glass Fabric, Thru-Wall Copper Flashing (04 05 23 16-0017)				
Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.				
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	5.08	1.26
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	6.08	1.26
04 05 23 16-0048 Stainless Steel Through Wall Flashing (04 05 23 16)				
04 05 23 16-0049 Paper Backed 2 Sides, Stainless Steel Through Wall Flashing (04 05 23 16-0048)				
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing	5.58	1.26
04 05 23 16-0051 Polyvinyl Chloride (PVC) Through Wall Flashing (04 05 23 16)				
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	2.72	1.18
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	2.82	1.18
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	2.93	1.18
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	3.30	1.18
04 05 23 19 Masonry Cavity Drainage, Weepholes, And Vents (04 05 23)				
04 05 23 19-0001 Brick Vents, 4" Deep, With Insect Screen (04 05 23 19)				
Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.				
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent	46.80	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	57.87	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	72.65	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	56.56	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	69.64	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	87.68	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	66.40	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	89.32	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	108.45	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent	88.85	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent	115.46	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent	141.21	

04 05 26 Masonry Scaffolding (04 05)

Note: Costs based on one use per month. For use with unit masonry construction only. Height shown in tasks is for height of work. Includes assembly and disassembly of scaffolding.

04 05 26 00-0001 Scaffolding Rental (04 05 26)

Note: Total square foot of area is determined by the square foot of wall area at which scaffolding is required, above the established 4' working height limit. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc.

04 Masonry**04 05 Common Work Results For Masonry****04 05 26 Masonry Scaffolding**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 26 00-0002	CSF Exterior Building Scaffolding, 1 To 5 Story, Tubular Steel, Based On 1 Use/Month	343.57
	<i>For Each Additional Month Of Rental, Add</i>	96.81
	<i>For Additional Erection And Dismantling Of Scaffolding, Add</i>	246.76
04 05 26 00-0003	CSF Exterior Building Scaffolding, 6 To 12 Story, Tubular Steel, Based On 1 Use/Month	420.65
	<i>For Each Additional Month Of Rental, Add</i>	88.45
	<i>For Additional Erection And Dismantling Of Scaffolding, Add</i>	332.20
04 05 26 00-0004	CSF Interior Scaffolding Wall, Up To 16' Tubular Steel, Based On 1 Use/Month	275.91
	<i>For Each Additional Month Of Rental, Add</i>	93.13
	<i>For Additional Erection And Dismantling Of Scaffolding, Add</i>	182.78
04 05 26 00-0005	CSF Interior Scaffolding Wall, 16' - 30' Tubular Steel, Based On 1 Use/Month	315.84
	<i>For Each Additional Month Of Rental, Add</i>	94.97
	<i>For Additional Erection And Dismantling Of Scaffolding, Add</i>	220.87

04 20 Unit Masonry ⁽⁰⁴⁾

Note: Includes pointing and cleaning of new brick and mortar. Includes cutting of new bricks/blocks to size.

04 21 Clay Unit Masonry ^(04 20)**04 21 13 Brick Masonry** ^(04 21)

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors, 04 05 26 00-0000 for scaffolding.

04 21 13 00-0001 Standard Size Brick With Running Bond ^(04 21 13)

Note: Standard size brick, 2-2/3" x 4" x 8".

04 21 13 00-0002 Red Face Brick ^(04 21 13 00-0001)

04 21 13 00-0003	SF Standard Size Red Face Brick - Veneer (6.4/SF With Running Bond).....	18.33
	<i>For Full Header Every 6th Course, Add</i>	0.60
	<i>For English, Full Header Every Second Course, Add</i>	1.20
	<i>For Flemish, Alternate Header Every Course, Add</i>	2.42
	<i>For Curved Wall Application, Add</i>	3.01
	<i>For Interior Veneer Construction, Add</i>	2.25
	<i>For Stacked Bond, Add</i>	1.67
	<i>For Battered Walls (Variable Depth Surface Placement), Add</i>	3.76
	<i>For Corbels, Add</i>	11.27
	<i>For Colored Mortar, Add</i>	0.33
	<i>For Basket Weave Or Soldier Bond Pattern, Add</i>	1.67
	<i>For Herringbone Pattern, Add</i>	2.58
	<i>For Severe Weather (SW) Brick, Add</i>	0.50
	<i>For Close Tolerance (FBX), Add</i>	1.75
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	22.71
	<i>For Columns Where The Shortest Distance From Corner to Corner Is <3', Add</i>	15.20
04 21 13 00-0004	SF Standard Size Red Face Brick - Cavity Wall (6.4/SF With Running Bond).....	21.25
	<i>For Full Header Every 6th Course, Add</i>	0.72
	<i>For English, Full Header Every Second Course, Add</i>	1.44
	<i>For Flemish, Alternate Header Every Course, Add</i>	2.86
	<i>For Curved Wall Application, Add</i>	3.59
	<i>For Interior Veneer Construction, Add</i>	2.69
	<i>For Stacked Bond, Add</i>	1.96
	<i>For Battered Walls (Variable Depth Surface Placement), Add</i>	4.49
	<i>For Corbels, Add</i>	13.46
	<i>For Colored Mortar, Add</i>	0.33
	<i>For Basket Weave Or Soldier Bond Pattern, Add</i>	1.96
	<i>For Herringbone Pattern, Add</i>	3.02
	<i>For Severe Weather (SW) Brick, Add</i>	0.50
	<i>For Close Tolerance (FBX), Add</i>	2.04
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	27.09
	<i>For Columns Where The Shortest Distance From Corner to Corner Is <3', Add</i>	18.12
04 21 13 00-0005	SF Standard Size Red Face Brick - 9" Solid Wall (12.7/SF With Running Bond).....	30.45
	<i>For Full Header Every 6th Course, Add</i>	0.96
	<i>For English, Full Header Every Second Course, Add</i>	1.91
	<i>For Flemish, Alternate Header Every Course, Add</i>	3.92
	<i>For Curved Wall Application, Add</i>	4.79
	<i>For Interior Veneer Construction, Add</i>	3.59
	<i>For Stacked Bond, Add</i>	2.72
	<i>For Battered Walls (Variable Depth Surface Placement), Add</i>	5.98
	<i>For Corbels, Add</i>	17.95
	<i>For Colored Mortar, Add</i>	0.65
	<i>For Basket Weave Or Soldier Bond Pattern, Add</i>	2.72
	<i>For Herringbone Pattern, Add</i>	4.24
	<i>For Severe Weather (SW) Brick, Add</i>	0.98
	<i>For Close Tolerance (FBX), Add</i>	2.88
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	36.22
	<i>For Columns Where The Shortest Distance From Corner to Corner Is <3', Add</i>	24.26

04 21 13 00-0006 Common Brick ^(04 21 13 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0007	SF		Select Common Brick For Veneer (6.4/SF).....	17.53	
			For Full Header Every 6th Course, Add	0.57	
			For English, Full Header Every Second Course, Add	1.14	
			For Flemish, Alternate Header Every Course, Add	2.30	
			For Curved Wall Application, Add	2.85	
			For Interior Veneer Construction, Add	2.13	
			For Stacked Bond, Add	1.59	
			For Battered Walls (Variable Depth Surface Placement), Add	3.56	
			For Corbels, Add	10.67	
			For Colored Mortar, Add	0.33	
			For Basket Weave Or Soldier Bond Pattern, Add	1.59	
			For Herringbone Pattern, Add	2.46	
			For Severe Weather (SW) Brick, Add	0.50	
			For Close Tolerance (FBX), Add	1.67	
			For Small Area Replacements (Individual Areas) <10 SF, Add	21.51	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	14.40	
04 21 13 00-0008	SF		Common Brick - 4" Back-up (6.4/SF).....	15.63	
			For Full Header Every 6th Course, Add	0.51	
			For English, Full Header Every Second Course, Add	1.01	
			For Flemish, Alternate Header Every Course, Add	2.05	
			For Curved Wall Application, Add	2.54	
			For Interior Veneer Construction, Add	1.90	
			For Stacked Bond, Add	1.42	
			For Battered Walls (Variable Depth Surface Placement), Add	3.17	
			For Corbels, Add	9.51	
			For Colored Mortar, Add	0.30	
			For Basket Weave Or Soldier Bond Pattern, Add	1.42	
			For Herringbone Pattern, Add	2.20	
			For Severe Weather (SW) Brick, Add	0.44	
			For Close Tolerance (FBX), Add	1.49	
			For Small Area Replacements (Individual Areas) <10 SF, Add	19.17	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	12.83	
04 21 13 00-0009	SF		Common Brick - 8" Back-up (12.7/SF).....	27.80	
			For Full Header Every 6th Course, Add	0.88	
			For English, Full Header Every Second Course, Add	1.76	
			For Flemish, Alternate Header Every Course, Add	3.59	
			For Curved Wall Application, Add	4.39	
			For Interior Veneer Construction, Add	3.29	
			For Stacked Bond, Add	2.49	
			For Battered Walls (Variable Depth Surface Placement), Add	5.49	
			For Corbels, Add	16.46	
			For Colored Mortar, Add	0.59	
			For Basket Weave Or Soldier Bond Pattern, Add	2.49	
			For Herringbone Pattern, Add	3.88	
			For Severe Weather (SW) Brick, Add	0.88	
			For Close Tolerance (FBX), Add	2.63	
			For Small Area Replacements (Individual Areas) <10 SF, Add	33.22	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	22.24	
04 21 13 00-0010	SF		Common Brick - 12" Solid (19/SF).....	39.47	
			For Full Header Every 6th Course, Add	1.23	
			For English, Full Header Every Second Course, Add	2.46	
			For Flemish, Alternate Header Every Course, Add	5.05	
			For Curved Wall Application, Add	6.15	
			For Interior Veneer Construction, Add	4.61	
			For Stacked Bond, Add	3.51	
			For Battered Walls (Variable Depth Surface Placement), Add	7.68	
			For Corbels, Add	23.05	
			For Colored Mortar, Add	0.87	
			For Basket Weave Or Soldier Bond Pattern, Add	3.51	
			For Herringbone Pattern, Add	5.48	
			For Severe Weather (SW) Brick, Add	1.31	
			For Close Tolerance (FBX), Add	3.73	
			For Small Area Replacements (Individual Areas) <10 SF, Add	46.53	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	31.17	
04 21 13 00-0011	SF		Common Brick - 16" Solid (25.4/SF).....	50.06	
			For Full Header Every 6th Course, Add	1.54	
			For English, Full Header Every Second Course, Add	3.07	
			For Flemish, Alternate Header Every Course, Add	6.35	
			For Curved Wall Application, Add	7.68	
			For Interior Veneer Construction, Add	5.76	
			For Stacked Bond, Add	4.42	
			For Battered Walls (Variable Depth Surface Placement), Add	9.61	
			For Corbels, Add	28.82	
			For Colored Mortar, Add	1.16	
			For Basket Weave Or Soldier Bond Pattern, Add	4.42	
			For Herringbone Pattern, Add	6.93	
			For Severe Weather (SW) Brick, Add	1.75	
			For Close Tolerance (FBX), Add	4.72	
			For Small Area Replacements (Individual Areas) <10 SF, Add	58.21	
			For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	39.00	

04 Masonry**04 20 Unit Masonry****04 21 Clay Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 21 13 00-0012	SF	Common Brick As 4" Wall Face Brick (6.4/SF)	17.53
		For Full Header Every 6th Course, Add	0.57
		For English, Full Header Every Second Course, Add	1.14
		For Flemish, Alternate Header Every Course, Add	2.30
		For Curved Wall Application, Add	2.85
		For Interior Veneer Construction, Add	2.13
		For Stacked Bond, Add	1.59
		For Battered Walls (Variable Depth Surface Placement), Add	3.56
		For Corbels, Add	10.67
		For Colored Mortar, Add	0.33
		For Basket Weave Or Soldier Bond Pattern, Add	1.59
		For Herringbone Pattern, Add	2.46
		For Severe Weather (SW) Brick, Add	0.50
		For Close Tolerance (FBX), Add	1.67
		For Small Area Replacements (Individual Areas) <10 SF, Add	21.51
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	14.40
04 21 13 00-0013		Glazed Brick (04 21 13 00-0001)	
04 21 13 00-0014	SF	Glazed Brick Veneer (7.4/SF)	31.21
		For Full Header Every 6th Course, Add	0.68
		For English, Full Header Every Second Course, Add	1.36
		For Flemish, Alternate Header Every Course, Add	3.26
		For Curved Wall Application, Add	3.40
		For Interior Veneer Construction, Add	2.55
		For Stacked Bond, Add	2.41
		For Battered Walls (Variable Depth Surface Placement), Add	4.25
		For Corbels, Add	12.75
		For Colored Mortar, Add	1.42
		For Basket Weave Or Soldier Bond Pattern, Add	2.41
		For Herringbone Pattern, Add	3.97
		For Severe Weather (SW) Brick, Add	2.13
		For Close Tolerance (FBX), Add	2.77
		For Small Area Replacements (Individual Areas) <10 SF, Add	26.21
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	17.71
04 21 13 00-0015		Buff Or Gray Face Brick (04 21 13 00-0001)	
04 21 13 00-0016	SF	Buff (Gray) Face Brick - Veneer (6.4/SF)	19.01
		For Full Header Every 6th Course, Add	0.60
		For English, Full Header Every Second Course, Add	1.20
		For Flemish, Alternate Header Every Course, Add	2.45
		For Curved Wall Application, Add	3.01
		For Interior Veneer Construction, Add	2.25
		For Stacked Bond, Add	1.70
		For Battered Walls (Variable Depth Surface Placement), Add	3.76
		For Corbels, Add	11.27
		For Colored Mortar, Add	0.40
		For Basket Weave Or Soldier Bond Pattern, Add	1.70
		For Herringbone Pattern, Add	2.65
		For Severe Weather (SW) Brick, Add	0.60
		For Close Tolerance (FBX), Add	1.80
		For Small Area Replacements (Individual Areas) <10 SF, Add	22.74
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	15.23
04 21 13 00-0017	SF	Buff (Gray) Face Brick - Cavity Wall (6.4/SF)	19.01
		For Full Header Every 6th Course, Add	0.60
		For English, Full Header Every Second Course, Add	1.20
		For Flemish, Alternate Header Every Course, Add	2.45
		For Curved Wall Application, Add	3.01
		For Interior Veneer Construction, Add	2.25
		For Stacked Bond, Add	1.70
		For Battered Walls (Variable Depth Surface Placement), Add	3.76
		For Corbels, Add	11.27
		For Colored Mortar, Add	0.40
		For Basket Weave Or Soldier Bond Pattern, Add	1.70
		For Herringbone Pattern, Add	2.65
		For Severe Weather (SW) Brick, Add	0.60
		For Close Tolerance (FBX), Add	1.80
		For Small Area Replacements (Individual Areas) <10 SF, Add	22.74
		For Columns Where The Shortest Distance From Corner to Corner Is <3', Add	15.23
04 21 13 00-0018		Other Brick Shapes (04 21 13)	
04 21 13 00-0019		SCR Face Brick (04 21 13 00-0018)	
		Note: 2-2/3" x 6" x 12".	
04 21 13 00-0020		SCR Face Brick, Red Face Running Bond (04 21 13 00-0019)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0021	SF		SCR Face Brick - Veneer (4.03/SF With Running Bond).....	20.63	
			For Full Header Every 6th Course, Add	0.59	
			For English, Full Header Every Second Course, Add	1.17	
			For Flemish, Alternate Header Every Course, Add	2.50	
			For Curved Wall Application, Add	2.94	
			For Interior Veneer Construction, Add	2.20	
			For Stacked Bond, Add	1.77	
			For Battered Walls (Variable Depth Surface Placement), Add	3.67	
			For Corbels, Add	11.01	
			For Colored Mortar, Add	0.60	
			For Basket Weave Or Soldier Bond Pattern, Add	1.77	
			For Herringbone Pattern, Add	2.80	
			For Severe Weather (SW) Brick, Add	0.89	
			For Close Tolerance (FBX), Add	1.91	
			For Small Area Replacements (Individual Areas) <10 SF, Add	22.32	
			For Columns Where The Shortest Distance From Corner Is <3', Add	14.98	
04 21 13 00-0022	SF		SCR Face Brick - Cavity Wall (4.03/SF With Running Bond).....	23.04	
			For Full Header Every 6th Course, Add	0.68	
			For English, Full Header Every Second Course, Add	1.37	
			For Flemish, Alternate Header Every Course, Add	2.86	
			For Curved Wall Application, Add	3.42	
			For Interior Veneer Construction, Add	2.56	
			For Stacked Bond, Add	2.01	
			For Battered Walls (Variable Depth Surface Placement), Add	4.27	
			For Corbels, Add	12.82	
			For Colored Mortar, Add	0.60	
			For Basket Weave Or Soldier Bond Pattern, Add	2.01	
			For Herringbone Pattern, Add	3.16	
			For Severe Weather (SW) Brick, Add	0.89	
			For Close Tolerance (FBX), Add	2.16	
			For Small Area Replacements (Individual Areas) <10 SF, Add	25.93	
			For Columns Where The Shortest Distance From Corner Is <3', Add	17.39	
04 21 13 00-0023			Fire Brick (04 21 13 00-0018)		
			Note: 3-1/5" x 4" x 12" or 6" Norwegian 3-1/5" x 6" x 12".		
04 21 13 00-0024			Fire Brick, Red Face Running Bond (04 21 13 00-0023)		
04 21 13 00-0025	SF		Fire Brick - Veneer (With Running Bond).....	20.79	
			For Full Header Every 6th Course, Add	0.59	
			For English, Full Header Every Second Course, Add	1.17	
			For Flemish, Alternate Header Every Course, Add	2.51	
			For Curved Wall Application, Add	2.94	
			For Interior Veneer Construction, Add	2.20	
			For Stacked Bond, Add	1.77	
			For Battered Walls (Variable Depth Surface Placement), Add	3.67	
			For Corbels, Add	11.01	
			For Colored Mortar, Add	0.61	
			For Basket Weave Or Soldier Bond Pattern, Add	1.77	
			For Herringbone Pattern, Add	2.81	
			For Severe Weather (SW) Brick, Add	0.92	
			For Close Tolerance (FBX), Add	1.93	
			For Small Area Replacements (Individual Areas) <10 SF, Add	22.33	
			For Columns Where The Shortest Distance From Corner Is <3', Add	14.99	
04 21 13 00-0026	SF		Fire Brick - Cavity Wall (With Running Bond).....	23.20	
			For Full Header Every 6th Course, Add	0.68	
			For English, Full Header Every Second Course, Add	1.37	
			For Flemish, Alternate Header Every Course, Add	2.87	
			For Curved Wall Application, Add	3.42	
			For Interior Veneer Construction, Add	2.56	
			For Stacked Bond, Add	2.01	
			For Battered Walls (Variable Depth Surface Placement), Add	4.27	
			For Corbels, Add	12.82	
			For Colored Mortar, Add	0.61	
			For Basket Weave Or Soldier Bond Pattern, Add	2.01	
			For Herringbone Pattern, Add	3.17	
			For Severe Weather (SW) Brick, Add	0.92	
			For Close Tolerance (FBX), Add	2.17	
			For Small Area Replacements (Individual Areas) <10 SF, Add	25.94	
			For Columns Where The Shortest Distance From Corner Is <3', Add	17.40	
04 21 13 00-0027			Window Sill (04 21 13)		
04 21 13 00-0028	LF		Window Sill, Face Brick On Edge	20.51	
04 21 19			Clay Tile Masonry (04 21)		
04 21 19 00-0001			Scored Face, Hollow, Clay Backing Tile (04 21 19)		
04 21 19 00-0002			Load Bearing, Scored Face, Hollow, Clay Backing Tile (04 21 19 00-0001)		
04 21 19 00-0003	SF		4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile.....	17.35	
			For Smooth Face, One Side, Add	1.06	
			For Smooth Face, Two Sides, Add	1.78	
04 21 19 00-0004	SF		6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	18.84	
			For Smooth Face, One Side, Add	1.18	
			For Smooth Face, Two Sides, Add	1.98	
04 21 19 00-0005	SF		8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	21.09	
			For Smooth Face, One Side, Add	1.36	
			For Smooth Face, Two Sides, Add	2.30	

04 Masonry
04 20 Unit Masonry
04 21 Clay Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0006	SF		10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	28.75 2.08 3.59	
04 21 19 00-0007	SF		12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	37.62 2.89 5.04	
04 21 19 00-0008			Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <small>(04 21 19 00-0001)</small>		
04 21 19 00-0009	SF		3" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	14.57 0.86 1.43	
04 21 19 00-0010	SF		4" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	17.35 1.11 1.87	
04 21 19 00-0011	SF		6" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	17.82 1.13 1.90	
04 21 19 00-0012	SF		8" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	26.93 1.99 3.43	
04 21 19 00-0013	SF		12" Thick Non Load Bearing, Scored Face, Hollow, Clay Backing Tile..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	36.54 2.86 5.00	
04 21 26			Glazed Structural Clay Tile Masonry <small>(04 21)</small> Note: Includes tile and mortar in all colors.		
04 21 26 00-0001			6T Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0002			Glazed On One Side 6T Series Structural Glazed Clay Tile <small>(04 21 26 00-0001)</small>		
04 21 26 00-0003	SF		2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i>	26.20 1.61	
04 21 26 00-0004	SF		4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i> <i>For 1 Hour Fire Rating, Add</i>	30.13 1.61 2.20	
04 21 26 00-0005	SF		6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i> <i>For 2 Hour Fire Rating, Add</i>	36.77 1.68 2.83	
04 21 26 00-0006			Special Shapes 6T Series Structural Glazed Clay Tile <small>(04 21 26 00-0001)</small>		
04 21 26 00-0007	LF		Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	26.90 1.90	
04 21 26 00-0008	LF		2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	32.15 1.90	
04 21 26 00-0009			8W Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0010			Glazed On One Side 8W Series Structural Glazed Clay Tile <small>(04 21 26 00-0009)</small>		
04 21 26 00-0011	SF		2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"..... <i>For Stacked Bond, Add</i>	21.44 1.02	
04 21 26 00-0012	SF		4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"..... <i>For Stacked Bond, Add</i> <i>For 1 Hour Fire Rating, Add</i>	26.74 1.10 2.12	
04 21 26 00-0013	SF		6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16"..... <i>For Stacked Bond, Add</i> <i>For 2 Hour Fire Rating, Add</i>	36.21 1.17 3.03	
04 21 26 00-0014			Special Shapes 8W Series Structural Glazed Clay Tile <small>(04 21 26 00-0009)</small>		
04 21 26 00-0015	LF		Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	29.04 1.32	
04 21 26 00-0016	LF		2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	29.09 1.32	
04 21 26 00-0017			4W Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0018			Glazed On One Side 4W Series Structural Glazed Clay Tile <small>(04 21 26 00-0017)</small>		
04 21 26 00-0019	SF		2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	27.67 1.61	
04 21 26 00-0020	SF		4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i> <i>For 1 Hour Fire Rating, Add</i>	29.89 1.61 2.18	
04 21 26 00-0021	SF		6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i> <i>For 2 Hour Fire Rating, Add</i>	37.51 1.68 2.91	
04 21 26 00-0022			Special Shapes 4W Series Structural Glazed Clay Tile <small>(04 21 26 00-0017)</small>		
04 21 26 00-0023	LF		Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	27.23 1.90	
04 21 26 00-0024	LF		2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	31.99 1.90	

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

04 21 29 Terra Cotta Masonry (04 21)
04 21 29 00-0001 Coping (04 21 29)

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.

04 21 29 00-0002 SF Terra Cotta Coping	78.34	31.14
--	-------	-------

04 21 29 00-0003 Partition Or Back Up (Scored) (04 21 29)
04 21 29 00-0004 Non-load Bearing, 12" x 12" (04 21 29 00-0003)

04 21 29 00-0005 SF 3" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	14.71	
For Smooth Tile Instead Of Scored, Add	1.64	
For Reinforcing With Steel Rods, Add	1.65	
04 21 29 00-0006 SF 4" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	15.70	
For Smooth Tile Instead Of Scored, Add	1.72	
For Reinforcing With Steel Rods, Add	1.74	
04 21 29 00-0007 SF 6" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	19.87	
For Smooth Tile Instead Of Scored, Add	2.35	
For Reinforcing With Steel Rods, Add	2.30	
04 21 29 00-0008 SF 8" Thick Terra Cotta, Non Load Bearing 12" x 12" Scored Face, Back-Up Partitions	24.08	
For Smooth Tile Instead Of Scored, Add	2.95	
For Reinforcing With Steel Rods, Add	2.84	

04 21 29 00-0009 Load Bearing, 12" x 12" (04 21 29 00-0003)
04 21 29 00-0010 In Walls (04 21 29 00-0009)

04 21 29 00-0011 SF 4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	16.54	
For Smooth Tile Instead Of Scored, Add	1.87	
For Reinforcing With Steel Rods, Add	1.87	
04 21 29 00-0012 SF 6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	21.78	
For Smooth Tile Instead Of Scored, Add	2.69	
For Reinforcing With Steel Rods, Add	2.58	
04 21 29 00-0013 SF 8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	25.94	
For Smooth Tile Instead Of Scored, Add	3.29	
For Reinforcing With Steel Rods, Add	3.12	
04 21 29 00-0014 SF 10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	27.46	
For Smooth Tile Instead Of Scored, Add	3.36	
For Reinforcing With Steel Rods, Add	3.24	
04 21 29 00-0015 SF 12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	32.88	
For Smooth Tile Instead Of Scored, Add	4.08	
For Reinforcing With Steel Rods, Add	3.91	

04 21 29 00-0016 In Floors (04 21 29 00-0009)

04 21 29 00-0017 SF 4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	14.49	
For Smooth Tile Instead Of Scored, Add	1.87	
For Reinforcing With Steel Rods, Add	1.76	
04 21 29 00-0018 SF 6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	19.50	
For Smooth Tile Instead Of Scored, Add	2.69	
For Reinforcing With Steel Rods, Add	2.47	
04 21 29 00-0019 SF 8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	23.60	
For Smooth Tile Instead Of Scored, Add	3.29	
For Reinforcing With Steel Rods, Add	3.01	
04 21 29 00-0020 SF 10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	24.83	
For Smooth Tile Instead Of Scored, Add	3.36	
For Reinforcing With Steel Rods, Add	3.11	
04 21 29 00-0021 SF 12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	29.47	
For Smooth Tile Instead Of Scored, Add	4.08	
For Reinforcing With Steel Rods, Add	3.74	

04 22 Concrete Unit Masonry (04 20)

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

04 22 23 Architectural Concrete Unit Masonry (04 22)
04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)
04 22 23 13-0001 Back-Up Concrete Blocks (04 22 23 13)
04 22 23 13-0002 Back-Up Concrete Blocks (04 22 23 13-0001)

04 22 23 13-0003 SF 8" x 16" x 2", Solid, Back-Up Concrete Block	8.95	
For Special Color, Add	1.29	
For Stacked Bond, Add	1.92	
For Scored Block, Add	0.31	
For Curved Wall Application, Add	1.48	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.22	
04 22 23 13-0004 SF 8" x 16" x 4", Regular, Back-Up Concrete Block	9.12	
For Special Color, Add	1.11	
For Stacked Bond, Add	2.02	
For Scored Block, Add	0.27	
For Curved Wall Application, Add	1.56	
For Small Area Replacements (Individual Areas) <10 SF, Add	11.77	

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 22 23 13-0005	SF 8" x 16" x 6", Regular, Back-Up Concrete Block	10.35	
	<i>For Special Color, Add</i>	1.40	
	<i>For Stacked Bond, Add</i>	2.25	
	<i>For Scored Block, Add</i>	0.34	
	<i>For Curved Wall Application, Add</i>	1.73	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	13.12	
04 22 23 13-0006	SF 8" x 16" x 8", Regular, Back-Up Concrete Block	11.13	
	<i>For Special Color, Add</i>	1.63	
	<i>For Stacked Bond, Add</i>	2.38	
	<i>For Scored Block, Add</i>	0.39	
	<i>For Curved Wall Application, Add</i>	1.83	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	13.90	
04 22 23 13-0007	SF 8" x 16" x 10", Regular, Back-Up Concrete Block	12.08	
	<i>For Special Color, Add</i>	2.17	
	<i>For Stacked Bond, Add</i>	2.46	
	<i>For Scored Block, Add</i>	0.52	
	<i>For Curved Wall Application, Add</i>	1.89	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	14.39	
04 22 23 13-0008	SF 8" x 16" x 12", Regular, Back-Up Concrete Block	14.37	
	<i>For Special Color, Add</i>	2.27	
	<i>For Stacked Bond, Add</i>	3.03	
	<i>For Scored Block, Add</i>	0.55	
	<i>For Curved Wall Application, Add</i>	2.33	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	17.66	
04 22 23 13-0009	Foundation Wall Concrete Blocks (04 22 23 13)		
04 22 23 13-0010	Foundation Wall Concrete Blocks (04 22 23 13-0009)		
04 22 23 13-0011	SF 8" x 16" x 6", Regular, Foundation Wall Concrete Block	9.37	
	<i>For Special Color, Add</i>	1.40	
	<i>For Stacked Bond, Add</i>	2.00	
	<i>For Scored Block, Add</i>	0.34	
	<i>For Curved Wall Application, Add</i>	1.54	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	11.65	
04 22 23 13-0012	SF 8" x 16" x 8", Regular, Foundation Wall Concrete Block	10.16	
	<i>For Special Color, Add</i>	1.63	
	<i>For Stacked Bond, Add</i>	2.13	
	<i>For Scored Block, Add</i>	0.39	
	<i>For Curved Wall Application, Add</i>	1.64	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	12.45	
04 22 23 13-0013	SF 8" x 16" x 10", Regular, Foundation Wall Concrete Block	11.66	
	<i>For Special Color, Add</i>	2.17	
	<i>For Stacked Bond, Add</i>	2.35	
	<i>For Scored Block, Add</i>	0.52	
	<i>For Curved Wall Application, Add</i>	1.81	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	13.76	
04 22 23 13-0014	SF 8" x 16" x 12", Regular, Foundation Wall Concrete Block	14.37	
	<i>For Special Color, Add</i>	2.27	
	<i>For Stacked Bond, Add</i>	3.03	
	<i>For Scored Block, Add</i>	0.55	
	<i>For Curved Wall Application, Add</i>	2.33	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	17.66	
04 22 23 13-0015	SF 8" x 16" x 6", Solid, Foundation Wall Concrete Block	10.13	
	<i>For Special Color, Add</i>	1.87	
	<i>For Stacked Bond, Add</i>	2.05	
	<i>For Scored Block, Add</i>	0.45	
	<i>For Curved Wall Application, Add</i>	1.58	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	11.99	
04 22 23 13-0016	SF 8" x 16" x 8", Solid, Foundation Wall Concrete Block	11.20	
	<i>For Special Color, Add</i>	2.21	
	<i>For Stacked Bond, Add</i>	2.22	
	<i>For Scored Block, Add</i>	0.53	
	<i>For Curved Wall Application, Add</i>	1.71	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	13.01	
04 22 23 13-0017	SF 8" x 16" x 10", Solid, Foundation Wall Concrete Block	12.74	
	<i>For Special Color, Add</i>	2.72	
	<i>For Stacked Bond, Add</i>	2.46	
	<i>For Scored Block, Add</i>	0.66	
	<i>For Curved Wall Application, Add</i>	1.89	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	14.44	
04 22 23 13-0018	SF 8" x 16" x 12", Solid, Foundation Wall Concrete Block	15.76	
	<i>For Special Color, Add</i>	2.93	
	<i>For Stacked Bond, Add</i>	3.18	
	<i>For Scored Block, Add</i>	0.71	
	<i>For Curved Wall Application, Add</i>	2.45	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	18.61	
04 22 23 13-0019	Partition Concrete Blocks (04 22 23 13)		
04 22 23 13-0020	Lightweight, Regular, Partition Concrete Blocks (04 22 23 13-0019)		
04 22 23 13-0021	SF 8" x 16" x 4", Lightweight, Regular, Partition Concrete Block	9.21	
	<i>For Special Color, Add</i>	1.19	
	<i>For Stacked Bond, Add</i>	2.02	
	<i>For Scored Block, Add</i>	0.29	
	<i>For Curved Wall Application, Add</i>	1.56	
	<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	11.78	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
04 22 23 13-0022	SF			8" x 16" x 6", Lightweight, Regular, Partition Concrete Block 10.24		
				For Special Color, Add	1.51	
				For Stacked Bond, Add	2.19	
				For Scored Block, Add	0.36	
				For Curved Wall Application, Add	1.68	
				For Small Area Replacements (Individual Areas) <10 SF, Add	12.77	
04 22 23 13-0023	SF			8" x 16" x 8", Lightweight, Regular, Partition Concrete Block 11.09		
				For Special Color, Add	1.70	
				For Stacked Bond, Add	2.35	
				For Scored Block, Add	0.41	
				For Curved Wall Application, Add	1.81	
				For Small Area Replacements (Individual Areas) <10 SF, Add	13.71	
04 22 23 13-0024	SF			8" x 16" x 10", Lightweight, Regular, Partition Concrete Block 12.19		
				For Special Color, Add	2.27	
				For Stacked Bond, Add	2.46	
				For Scored Block, Add	0.55	
				For Curved Wall Application, Add	1.89	
				For Small Area Replacements (Individual Areas) <10 SF, Add	14.39	
04 22 23 13-0025	SF			8" x 16" x 12", Lightweight, Regular, Partition Concrete Block 14.58		
				For Special Color, Add	2.44	
				For Stacked Bond, Add	3.03	
				For Scored Block, Add	0.59	
				For Curved Wall Application, Add	2.33	
				For Small Area Replacements (Individual Areas) <10 SF, Add	17.68	
04 22 23 13-0026 Lightweight, Solid, Partition Concrete Blocks (04 22 23 13-0019)						
04 22 23 13-0027	SF			8" x 16" x 4", Lightweight, Solid, Partition Concrete Block 9.89		
				For Special Color, Add	1.59	
				For Stacked Bond, Add	2.07	
				For Scored Block, Add	0.38	
				For Curved Wall Application, Add	1.60	
				For Small Area Replacements (Individual Areas) <10 SF, Add	12.11	
04 22 23 13-0028	SF			8" x 16" x 6", Lightweight, Solid, Partition Concrete Block 10.85		
				For Special Color, Add	1.72	
				For Stacked Bond, Add	2.28	
				For Scored Block, Add	0.41	
				For Curved Wall Application, Add	1.76	
				For Small Area Replacements (Individual Areas) <10 SF, Add	13.33	
04 22 23 13-0029	SF			8" x 16" x 8", Lightweight, Solid, Partition Concrete Block 11.45		
				For Special Color, Add	1.78	
				For Stacked Bond, Add	2.42	
				For Scored Block, Add	0.43	
				For Curved Wall Application, Add	1.86	
				For Small Area Replacements (Individual Areas) <10 SF, Add	14.13	
04 22 23 13-0030	SF			8" x 16" x 10", Lightweight, Solid, Partition Concrete Block 12.71		
				For Special Color, Add	2.46	
				For Stacked Bond, Add	2.54	
				For Scored Block, Add	0.59	
				For Curved Wall Application, Add	1.95	
				For Small Area Replacements (Individual Areas) <10 SF, Add	14.85	
04 22 23 13-0031	SF			8" x 16" x 12", Lightweight, Solid, Partition Concrete Block 15.20		
				For Special Color, Add	2.63	
				For Stacked Bond, Add	3.13	
				For Scored Block, Add	0.63	
				For Curved Wall Application, Add	2.41	
				For Small Area Replacements (Individual Areas) <10 SF, Add	18.28	
04 22 23 13-0032 Normal Weight, Regular, Partition Concrete Blocks (04 22 23 13-0019)						
04 22 23 13-0033	SF			8" x 16" x 4", Normal Weight, Regular, Partition Concrete Block 9.41		
				For Special Color, Add	1.19	
				For Stacked Bond, Add	2.07	
				For Scored Block, Add	0.29	
				For 4" High (Half Height) Block, Add	1.38	
				For Curved Wall Application, Add	1.60	
				For Small Area Replacements (Individual Areas) <10 SF, Add	12.08	
04 22 23 13-0034	SF			8" x 16" x 6", Normal Weight, Regular, Partition Concrete Block 10.42		
				For Special Color, Add	1.36	
				For Stacked Bond, Add	2.28	
				For Scored Block, Add	0.33	
				For 4" High (Half Height) Block, Add	1.55	
				For Curved Wall Application, Add	1.76	
				For Small Area Replacements (Individual Areas) <10 SF, Add	13.29	
04 22 23 13-0035	SF			8" x 16" x 8", Normal Weight, Regular, Partition Concrete Block 11.20		
				For Special Color, Add	1.57	
				For Stacked Bond, Add	2.42	
				For Scored Block, Add	0.38	
				For 4" High (Half Height) Block, Add	1.71	
				For Curved Wall Application, Add	1.86	
				For Small Area Replacements (Individual Areas) <10 SF, Add	14.11	
04 22 23 13-0036	SF			8" x 16" x 10", Normal Weight, Regular, Partition Concrete Block 13.39		
				For Special Color, Add	3.02	
				For Stacked Bond, Add	2.54	
				For Scored Block, Add	0.73	
				For 4" High (Half Height) Block, Add	2.47	
				For Curved Wall Application, Add	1.95	
				For Small Area Replacements (Individual Areas) <10 SF, Add	14.90	

04 Masonry
04 20 Unit Masonry
04 22 Concrete Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0037	SF		8" x 16" x 12", Normal Weight, Regular, Partition Concrete Block.....	15.79	
			<i>For Special Color, Add</i>	3.12	
			<i>For Stacked Bond, Add</i>	3.13	
			<i>For Scored Block, Add</i>	0.75	
			<i>For 4" High (Half Height) Block, Add</i>	2.74	
			<i>For Curved Wall Application, Add</i>	2.41	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	18.33	
04 22 23 13-0038			Normal Weight, Solid, Partition Concrete Blocks (04 22 23 13-0019)		
04 22 23 13-0039	SF		8" x 16" x 4", Normal Weight, Solid, Partition Concrete Block.....	10.02	
			<i>For Special Color, Add</i>	1.51	
			<i>For Stacked Bond, Add</i>	2.13	
			<i>For Scored Block, Add</i>	0.36	
			<i>For 4" High (Half Height) Block, Add</i>	1.57	
			<i>For Curved Wall Application, Add</i>	1.64	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	12.44	
04 22 23 13-0040	SF		8" x 16" x 6", Normal Weight, Solid, Partition Concrete Block.....	10.73	
			<i>For Special Color, Add</i>	1.40	
			<i>For Stacked Bond, Add</i>	2.35	
			<i>For Scored Block, Add</i>	0.34	
			<i>For 4" High (Half Height) Block, Add</i>	1.60	
			<i>For Curved Wall Application, Add</i>	1.81	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	13.69	
04 22 23 13-0041	SF		8" x 16" x 8", Normal Weight, Solid, Partition Concrete Block.....	11.56	
			<i>For Special Color, Add</i>	1.63	
			<i>For Stacked Bond, Add</i>	2.50	
			<i>For Scored Block, Add</i>	0.39	
			<i>For 4" High (Half Height) Block, Add</i>	1.76	
			<i>For Curved Wall Application, Add</i>	1.92	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	14.55	
04 22 23 13-0042	SF		8" x 16" x 10", Normal Weight, Solid, Partition Concrete Block.....	12.69	
			<i>For Special Color, Add</i>	2.17	
			<i>For Stacked Bond, Add</i>	2.62	
			<i>For Scored Block, Add</i>	0.52	
			<i>For 4" High (Half Height) Block, Add</i>	2.08	
			<i>For Curved Wall Application, Add</i>	2.01	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	15.30	
04 22 23 13-0043	SF		8" x 16" x 12", Normal Weight, Solid, Partition Concrete Block.....	15.17	
			<i>For Special Color, Add</i>	2.27	
			<i>For Stacked Bond, Add</i>	3.23	
			<i>For Scored Block, Add</i>	0.55	
			<i>For 4" High (Half Height) Block, Add</i>	2.36	
			<i>For Curved Wall Application, Add</i>	2.49	
			<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	18.86	
04 22 23 13-0044			High Strength Concrete Blocks (04 22 23 13)		
04 22 23 13-0045			3,500 PSI, High Strength Concrete Blocks (04 22 23 13-0044)		
04 22 23 13-0046	SF		8" x 16" x 2", 3,500 PSI, High Strength Concrete Block.....	9.05	
			<i>For Special Color, Add</i>	1.21	
			<i>For Stacked Bond, Add</i>	1.97	
			<i>For Scored Block, Add</i>	0.29	
			<i>For Curved Wall Application, Add</i>	1.52	
04 22 23 13-0047	SF		8" x 16" x 4", 3,500 PSI, High Strength Concrete Block.....	9.34	
			<i>For Special Color, Add</i>	1.13	
			<i>For Stacked Bond, Add</i>	2.07	
			<i>For Scored Block, Add</i>	0.27	
			<i>For Curved Wall Application, Add</i>	1.60	
04 22 23 13-0048	SF		8" x 16" x 6", 3,500 PSI, High Strength Concrete Block.....	10.54	
			<i>For Special Color, Add</i>	1.46	
			<i>For Stacked Bond, Add</i>	2.28	
			<i>For Scored Block, Add</i>	0.35	
			<i>For Curved Wall Application, Add</i>	1.76	
04 22 23 13-0049	SF		8" x 16" x 8", 3,500 PSI, High Strength Concrete Block.....	11.40	
			<i>For Special Color, Add</i>	1.73	
			<i>For Stacked Bond, Add</i>	2.42	
			<i>For Scored Block, Add</i>	0.42	
			<i>For Curved Wall Application, Add</i>	1.86	
04 22 23 13-0050	SF		8" x 16" x 10", 3,500 PSI, High Strength Concrete Block.....	12.81	
			<i>For Special Color, Add</i>	2.41	
			<i>For Stacked Bond, Add</i>	2.58	
			<i>For Scored Block, Add</i>	0.58	
			<i>For Curved Wall Application, Add</i>	1.98	
04 22 23 13-0051	SF		8" x 16" x 12", 3,500 PSI, High Strength Concrete Block.....	15.08	
			<i>For Special Color, Add</i>	2.53	
			<i>For Stacked Bond, Add</i>	3.13	
			<i>For Scored Block, Add</i>	0.61	
			<i>For Curved Wall Application, Add</i>	2.41	
04 22 23 13-0052			Solar Screen Concrete Blocks (04 22 23 13)		
04 22 23 13-0053			Solar Screen Concrete Blocks (04 22 23 13-0052)		
04 22 23 13-0054	SF		6" x 6" x 4" Solar Screen Concrete Block.....	12.73	
			<i>For Special Color, Add</i>	2.84	
			<i>For Stacked Bond, Add</i>	2.42	
			<i>For Scored Block, Add</i>	0.68	
			<i>For Curved Wall Application, Add</i>	1.86	

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

04 22 23 13-0055	SF 8" x 8" x 4" Solar Screen Concrete Block	13.67
	For Special Color, Add	2.87
	For Stacked Bond, Add	2.65
	For Scored Block, Add	0.69
	For Curved Wall Application, Add	2.04
04 22 23 13-0056	SF 12" x 12" x 4" Solar Screen Concrete Block	15.77
	For Special Color, Add	3.61
	For Stacked Bond, Add	2.97
	For Scored Block, Add	0.87
	For Curved Wall Application, Add	2.28
04 22 23 13-0057	SF 8" x 16" x 8" Solar Screen Concrete Block	22.21
	For Special Color, Add	4.44
	For Stacked Bond, Add	4.38
	For Scored Block, Add	1.07
	For Curved Wall Application, Add	3.37

04 22 23 13-0058 Bond Beam Or Lintel Concrete Blocks (04 22 23 13)

04 22 23 13-0059 Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0058)

Note: Excludes concrete fill and reinforcing. See CSI section 04 05 16 26-0000 for concrete fill.

04 22 23 13-0060	LF 8" x 16" x 6" Regular Weight, Bond Beam Or Lintel Concrete Block	10.70
	For Special Color, Add	1.59
	For Stacked Bond, Add	2.28
	For Grout And Fill With 2 #5 Rebar, Add	6.31
	For Scored Block, Add	0.38
	For Curved Wall Application, Add	1.76
04 22 23 13-0061	LF 8" x 16" x 8" Regular Weight, Bond Beam Or Lintel Concrete Block	11.70
	For Special Color, Add	1.98
	For Stacked Bond, Add	2.42
	For Grout And Fill With 2 #5 Rebar, Add	7.05
	For Scored Block, Add	0.48
	For Curved Wall Application, Add	1.86
04 22 23 13-0062	LF 8" x 16" x 12" Regular Weight, Bond Beam Or Lintel Concrete Block	14.60
	For Special Color, Add	2.13
	For Stacked Bond, Add	3.13
	For Grout And Fill With 2 #5 Rebar, Add	8.59
	For Scored Block, Add	0.51
	For Curved Wall Application, Add	2.41
04 22 23 13-0063	LF 8" x 16" x 6" Lightweight, Bond Beam Or Lintel Concrete Block	10.67
	For Special Color, Add	1.87
	For Stacked Bond, Add	2.19
	For Grout And Fill With 2 #5 Rebar, Add	6.46
	For Scored Block, Add	0.45
	For Curved Wall Application, Add	1.68
04 22 23 13-0064	LF 8" x 16" x 8" Lightweight, Bond Beam Or Lintel Concrete Block	11.75
	For Special Color, Add	2.25
	For Stacked Bond, Add	2.35
	For Grout And Fill With 2 #5 Rebar, Add	7.23
	For Scored Block, Add	0.54
	For Curved Wall Application, Add	1.81
04 22 23 13-0065	LF 8" x 16" x 12" Lightweight, Bond Beam Or Lintel Concrete Block	14.53
	For Special Color, Add	2.40
	For Stacked Bond, Add	3.03
	For Grout And Fill With 2 #5 Rebar, Add	8.71
	For Scored Block, Add	0.58
	For Curved Wall Application, Add	2.33

04 22 23 23 Prefaced Concrete Unit Masonry (04 22 23)

04 22 23 23-0001 Ground Face Concrete Blocks (04 22 23 23)

04 22 23 23-0002	SF 8" x 16" x 4" Ground Face Concrete Block	12.05
	For Special Color, Add	1.91
	For Stacked Bond, Add	2.54
	For Scored Block, Add	0.46
	For Curved Wall Application, Add	1.95
	For Small Area Replacements (Individual Areas) <10 SF, Add	14.80
04 22 23 23-0003	SF 8" x 16" x 6" Ground Face Concrete Block	13.60
	For Special Color, Add	2.17
	For Stacked Bond, Add	2.85
	For Scored Block, Add	0.52
	For Curved Wall Application, Add	2.20
	For Small Area Replacements (Individual Areas) <10 SF, Add	16.67
04 22 23 23-0004	SF 8" x 16" x 8" Ground Face Concrete Block	14.70
	For Special Color, Add	2.57
	For Stacked Bond, Add	3.02
	For Scored Block, Add	0.62
	For Curved Wall Application, Add	2.32
	For Small Area Replacements (Individual Areas) <10 SF, Add	17.63
04 22 23 23-0005	SF 8" x 16" x 10" Ground Face Concrete Block	15.71
	For Special Color, Add	2.84
	For Stacked Bond, Add	3.20
	For Scored Block, Add	0.68
	For Curved Wall Application, Add	2.46
	For Small Area Replacements (Individual Areas) <10 SF, Add	18.69

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 22 23 23-0006	SF	8" x 16" x 12" Ground Face Concrete Block	18.78
		<i>For Special Color, Add</i>	3.10
		<i>For Stacked Bond, Add</i>	3.91
		<i>For Scored Block, Add</i>	0.75
		<i>For Curved Wall Application, Add</i>	3.01
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	22.84

04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)**04 22 23 26-0001 Acoustical Slotted Concrete Block (04 22 23 26)**

04 22 23 26-0002	SF	4" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	16.10
		<i>For Special Color, Add</i>	0.57
		<i>For Stacked Bond, Add</i>	0.98
04 22 23 26-0003	SF	6" Thick, .45 - .55 NRC, Slotted, Acoustical Concrete Block	18.05
		<i>For Special Color, Add</i>	0.67
		<i>For Stacked Bond, Add</i>	1.06
04 22 23 26-0004	SF	8" Thick, .50 - .60 NRC, Slotted, Acoustical Concrete Block	20.78
		<i>For Special Color, Add</i>	0.83
		<i>For Stacked Bond, Add</i>	1.16
04 22 23 26-0005	SF	4" Thick, .65 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	21.88
		<i>For Special Color, Add</i>	1.09
		<i>For Stacked Bond, Add</i>	0.98
04 22 23 26-0006	SF	8" Thick, .50 - .60 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	21.87
		<i>For Special Color, Add</i>	0.92
		<i>For Stacked Bond, Add</i>	1.16
04 22 23 26-0007	SF	8" Thick, .60 - .75 NRC, Slotted With Filled Cavities, Acoustical Concrete Block	23.32
		<i>For Special Color, Add</i>	1.06
		<i>For Stacked Bond, Add</i>	1.16

04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)**04 22 23 29-0001 Modified Face Concrete Blocks (04 22 23 29)****04 22 23 29-0002 Plain Or Scored Split Faced Concrete Blocks (04 22 23 29-0001)**

04 22 23 29-0003	SF	8" x 16" x 4" Plain Or Scored Split Face Concrete Block	12.32
		<i>For Special Color, Add</i>	2.13
		<i>For Stacked Bond, Add</i>	2.54
		<i>For Curved Wall Application, Add</i>	1.95
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	14.82
04 22 23 29-0004	SF	8" x 16" x 6" Plain Or Scored Split Face Concrete Block	13.92
		<i>For Special Color, Add</i>	2.44
		<i>For Stacked Bond, Add</i>	2.85
		<i>For Curved Wall Application, Add</i>	2.20
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	16.69
04 22 23 29-0005	SF	8" x 16" x 8" Plain Or Scored Split Face Concrete Block	15.06
		<i>For Special Color, Add</i>	2.87
		<i>For Stacked Bond, Add</i>	3.02
		<i>For Curved Wall Application, Add</i>	2.32
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	17.66
04 22 23 29-0006	SF	8" x 16" x 10" Plain Or Scored Split Face Concrete Block	16.14
		<i>For Special Color, Add</i>	3.20
		<i>For Stacked Bond, Add</i>	3.20
		<i>For Curved Wall Application, Add</i>	2.46
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	18.72
04 22 23 29-0007	SF	8" x 16" x 12" Plain Or Scored Split Face Concrete Block	18.75
		<i>For Special Color, Add</i>	3.08
		<i>For Stacked Bond, Add</i>	3.91
		<i>For Curved Wall Application, Add</i>	3.01
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	22.84

04 22 23 29-0008 Plain Or Scored Split Faced Bond Beam Or Lintel Concrete Blocks (04 22 23 29-0001)

04 22 23 29-0009	SF	8" x 16" x 4" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	12.97
		<i>For Special Color, Add</i>	2.67
		<i>For Stacked Bond, Add</i>	2.54
		<i>For Grout And Fill With 2 #5 Rebar, Add</i>	8.10
		<i>For Curved Wall Application, Add</i>	1.95
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	14.87
04 22 23 29-0010	SF	8" x 16" x 6" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	14.65
		<i>For Special Color, Add</i>	3.05
		<i>For Stacked Bond, Add</i>	2.85
		<i>For Grout And Fill With 2 #5 Rebar, Add</i>	9.16
		<i>For Curved Wall Application, Add</i>	2.20
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	16.75
04 22 23 29-0011	SF	8" x 16" x 8" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	15.93
		<i>For Special Color, Add</i>	3.59
		<i>For Stacked Bond, Add</i>	3.02
		<i>For Grout And Fill With 2 #5 Rebar, Add</i>	10.13
		<i>For Curved Wall Application, Add</i>	2.32
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	17.72
04 22 23 29-0012	SF	8" x 16" x 10" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	17.10
		<i>For Special Color, Add</i>	3.99
		<i>For Stacked Bond, Add</i>	3.20
		<i>For Grout And Fill With 2 #5 Rebar, Add</i>	10.96
		<i>For Curved Wall Application, Add</i>	2.46
		<i>For Small Area Replacements (Individual Areas) <10 SF, Add</i>	18.80

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

04 22 23 29-0013	SF 8" x 16" x 12" Plain Or Scored Split Face Bond Beam Or Lintel Concrete Blocks	19.68	
	For Special Color, Add	3.85	
	For Stacked Bond, Add	3.91	
	For Grout And Fill With 2 #5 Rebar, Add	12.16	
	For Curved Wall Application, Add	3.01	
	For Small Area Replacements (Individual Areas) <10 SF, Add	22.91	
04 22 23 29-0014	Profile Units, Split Rib Concrete Block <small>(04 22 23 29)</small>		
04 22 23 29-0015	1" Deep Ribs, Profile Units, Split Rib Concrete Block <small>(04 22 23 29-0014)</small>		
04 22 23 29-0016	SF 8" x 16" x 4", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	12.12	
	For Special Color, Add	1.97	
	For Stacked Bond, Add	2.54	
	For Scored Block, Add	0.47	
	For Curved Wall Application, Add	1.95	
	For Small Area Replacements (Individual Areas) <10 SF, Add	14.80	
04 22 23 29-0017	SF 8" x 16" x 6", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	14.40	
	For Special Color, Add	2.84	
	For Stacked Bond, Add	2.85	
	For Scored Block, Add	0.68	
	For Curved Wall Application, Add	2.20	
	For Small Area Replacements (Individual Areas) <10 SF, Add	16.73	
04 22 23 29-0018	SF 8" x 16" x 8", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	15.31	
	For Special Color, Add	3.08	
	For Stacked Bond, Add	3.02	
	For Scored Block, Add	0.74	
	For Curved Wall Application, Add	2.32	
	For Small Area Replacements (Individual Areas) <10 SF, Add	17.68	
04 22 23 29-0019	SF 8" x 16" x 10", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	16.34	
	For Special Color, Add	3.36	
	For Stacked Bond, Add	3.20	
	For Scored Block, Add	0.81	
	For Curved Wall Application, Add	2.46	
	For Small Area Replacements (Individual Areas) <10 SF, Add	18.74	
04 22 23 29-0020	SF 8" x 16" x 12", 1" Deep Ribs, Profile Units, Split Rib Concrete Block.....	19.48	
	For Special Color, Add	3.69	
	For Stacked Bond, Add	3.91	
	For Scored Block, Add	0.89	
	For Curved Wall Application, Add	3.01	
	For Small Area Replacements (Individual Areas) <10 SF, Add	22.89	

04 22 23 31 Glazed Concrete Masonry Unit (04 22 23)

Note: Includes concrete block and mortar.

04 22 23 31-0001	One Glazed Face Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0002	One Glazed Face Concrete Blocks <small>(04 22 23 31-0001)</small>		
04 22 23 31-0003	SF 4" Thick, One Glazed Face Concrete Block.....	20.84	
	For Special Shapes, Add	11.38	
04 22 23 31-0004	SF 6" Thick, One Glazed Face Concrete Block.....	22.33	
	For Special Shapes, Add	11.92	
04 22 23 31-0005	SF 8" Thick, One Glazed Face Concrete Block.....	23.65	
	For Special Shapes, Add	12.67	
04 22 23 31-0006	SF 10" Thick, One Glazed Face Concrete Block.....	25.05	
	For Special Shapes, Add	13.45	
04 22 23 31-0007	SF 12" Thick, One Glazed Face Concrete Block.....	28.26	
	For Special Shapes, Add	14.11	
04 22 23 31-0008	Two Glazed Faces Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0009	Two Glazed Faces Concrete Blocks <small>(04 22 23 31-0008)</small>		
04 22 23 31-0010	SF 4" Thick, Two Glazed Faces Concrete Block.....	27.70	
	For Special Shapes, Add	16.91	
04 22 23 31-0011	SF 6" Thick, Two Glazed Faces Concrete Block.....	29.07	
	For Special Shapes, Add	17.47	
04 22 23 31-0012	SF 8" Thick, Two Glazed Faces Concrete Block.....	31.03	
	For Special Shapes, Add	18.22	
04 22 23 31-0013	Glazed Cove Base Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0014	LF 2" Thick, Glazed Cove Base Concrete Block.....	22.48	
	For Special Shapes, Add	10.19	
04 22 23 31-0015	LF 4" Thick, Glazed Cove Base Concrete Block.....	23.77	
	For Special Shapes, Add	10.41	
04 22 23 31-0016	LF 6" Thick, Glazed Cove Base Concrete Block.....	25.48	
	For Special Shapes, Add	10.85	
04 22 23 31-0017	LF 8" Thick, Glazed Cove Base Concrete Block.....	27.14	
	For Special Shapes, Add	11.38	
04 22 23 31-0018	Glazed Corner, Bullnose Or Square Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0019	EA 2" Thick, Glazed Corner, Bullnose Or Square Concrete Block	29.28	
	For Special Shapes, Add	19.53	
04 22 23 31-0020	EA 4" Thick, Glazed Corner, Bullnose Or Square Concrete Block	34.14	
	For Special Shapes, Add	23.35	

04 Masonry**04 20 Unit Masonry****04 22 Concrete Unit Masonry**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 22 23 31-0021	EA	6" Thick, Glazed Corner, Bullnose Or Square Concrete Block	36.46	
		<i>For Special Shapes, Add</i>	24.64	
04 22 23 31-0022	EA	8" Thick, Glazed Corner, Bullnose Or Square Concrete Block	38.24	
		<i>For Special Shapes, Add</i>	25.95	
04 22 23 31-0023	EA	10" Thick, Glazed Corner, Bullnose Or Square Concrete Block	58.39	
		<i>For Special Shapes, Add</i>	45.58	
04 22 23 31-0024	EA	12" Thick, Glazed Corner, Bullnose Or Square Concrete Block	66.66	
		<i>For Special Shapes, Add</i>	50.96	

04 23 Glass Unit Masonry (04 20)**04 23 13 Vertical Glass Unit Masonry** (04 23)

Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.

04 23 13 00-0001 Glass Block Unit Masonry (04 23 13)

04 23 13 00-0002	SF	6" x 6" x 4" Plain Glass Block	41.13	
		<i>For Solar Reflective (Suntrol) Blocks, Add</i>	5.69	
		<i>For Essex (Horizontal Striated) Blocks, Add</i>	3.25	
		<i>For Sculptured Or Patterned Blocks, Add</i>	5.69	
		<i>For Colored Glass, Add</i>	16.25	
		<i>For Thinline Block, Deduct</i>	-4.06	
		<i>For >1,000 To 5,000, Deduct</i>	-3.29	
		<i>For >5,000, Deduct</i>	-5.34	
04 23 13 00-0003	SF	8" x 8" x 4" Plain Glass Block	29.80	
		<i>For Solar Reflective (Suntrol) Blocks, Add</i>	4.03	
		<i>For Essex (Horizontal Striated) Blocks, Add</i>	2.30	
		<i>For Sculptured Or Patterned Blocks, Add</i>	4.03	
		<i>For Colored Glass, Add</i>	11.51	
		<i>For Thinline Block, Deduct</i>	-2.88	
		<i>For >1,000 To 5,000, Deduct</i>	-2.40	
		<i>For >5,000, Deduct</i>	-3.88	
04 23 13 00-0004	SF	12" x 12" x 4" Plain Glass Block	31.53	
		<i>For Solar Reflective (Suntrol) Blocks, Add</i>	5.15	
		<i>For Essex (Horizontal Striated) Blocks, Add</i>	2.94	
		<i>For Sculptured Or Patterned Blocks, Add</i>	5.15	
		<i>For Colored Glass, Add</i>	14.70	
		<i>For Thinline Block, Deduct</i>	-3.68	
		<i>For >1,000 To 5,000, Deduct</i>	-2.41	
		<i>For >5,000, Deduct</i>	-3.98	

04 23 13 00-0005 Solid Glass Block (Vistabrik®) (04 23 13)

04 23 13 00-0006	SF	3" x 8" x 3" Solid Glass Block (Vistabrik®)	297.98	
04 23 13 00-0007	SF	4" x 8" x 3" Solid Glass Block (Vistabrik®)	228.71	
04 23 13 00-0008	SF	6" x 8" x 3" Solid Glass Block (Vistabrik®)	160.27	
04 23 13 00-0009	SF	8" x 8" x 3" Solid Glass Block (Vistabrik®)	112.74	

04 40 Stone Assemblies (04)

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone (04 40)**04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone** (04 41)

04 41 00 00-0002	SF	4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	32.82	5.90
04 41 00 00-0003	SF	6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	33.74	5.90

04 42 Exterior Stone Cladding (04 40)**04 42 43 Stone Panels For Curtain Walls** (04 42)**04 42 43 00-0001 Marble Facing Panels** (04 42 43)

Note: 3' x 1.5'

04 42 43 00-0002	SF	3/4" Thick Marble Facing Panels	56.45	12.56
04 42 43 00-0003	SF	7/8" Thick Marble Facing Panels	59.79	12.73
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	69.54	12.97
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	76.67	13.38
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	81.72	14.19
04 42 43 00-0007	CF	Marble Face Panel	348.52	46.21

04 42 43 00-0008 Smooth Limestone Panels (04 42 43)

Note: Up to 12' x 5' panels.

04 42 43 00-0009	SF	1-1/2" Thick Smooth Limestone Panels	46.95	25.22
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	49.93	26.43
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	53.09	27.64
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	62.18	30.40

04 42 43 00-0013 Sandstone Panels (04 42 43)

04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	54.86	26.43
04 42 43 00-0015	SF	4" Thick Sandstone Panels	59.66	30.40
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	53.79	30.40

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

04 43 Stone Masonry (04 40)		
04 43 00 00-0001 Marble (04 43)		
04 43 00 00-0002 Marble Base (04 43 00 00-0001)		
Note: 1" thick.		
04 43 00 00-0003 LF 4" High Marble Base.....	85.16	53.44
04 43 00 00-0004 LF 6" High Marble Base.....	96.83	58.22
04 43 00 00-0005 Marble Columns (04 43 00 00-0001)		
04 43 00 00-0006 CF Plain Faced Solid Marble Columns.....	236.18	46.21
04 43 00 00-0007 CF Fluted, Carved Solid Marble Columns.....	401.25	46.21
04 43 00 00-0008 Marble Flooring (04 43 00 00-0001)		
04 43 00 00-0009 SF 3/8" Uniform Color Marble Flooring.....	24.13	12.24
04 43 00 00-0010 SF 1/2" Uniform Color Marble Flooring.....	25.96	12.24
04 43 00 00-0011 SF 1/2" Travertine Marble Flooring.....	31.20	13.98
04 43 00 00-0012 Marble Items (04 43 00 00-0001)		
04 43 00 00-0013 LF 12" Marble Stair Treads.....	65.11	19.17
04 43 00 00-0014 LF 6" Wide Marble Stair Risers.....	49.51	15.37
04 43 00 00-0015 LF 6" Wide x 2" Thick Marble Window Sills.....	29.53	11.44
04 43 00 00-0016 LF 5" Wide x 7/8" Thick Marble Window Stool, Polished.....	58.15	14.05
04 43 00 00-0017 SF 7/8" Thick, Non Skid, Marble Patio Blocks.....	32.10	17.74
04 43 00 00-0018 Limestone (04 43)		
04 43 00 00-0019 Ashlar Veneer Limestone (04 43 00 00-0018)		
04 43 00 00-0020 SF 4" Ashlar Veneer Limestone, Random Sizes.....	51.91	19.17
04 43 00 00-0021 SF 6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes.....	79.78	26.34
For High Lime Historic Mortar, Add	0.04	
04 43 00 00-0022 Limestone Items (04 43 00 00-0018)		
04 43 00 00-0023 CF Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	156.90	65.17
04 43 00 00-0024 Limestone Coping (04 43 00 00-0018)		
Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 00 00-0025 SF 2-1/2" Thick Limestone Coping.....	24.28	6.49
04 43 00 00-0026 SF 3" Thick Limestone Coping.....	27.36	6.89
04 43 00 00-0027 SF 3-1/2" Thick Limestone Coping.....	30.43	7.29
04 43 00 00-0028 SF 4" Thick Limestone Coping.....	32.69	7.54
04 43 00 00-0029 SF 5" Thick Limestone Coping.....	38.03	7.70
04 43 00 00-0030 SF 6" Thick Limestone Coping.....	56.69	8.11
04 43 00 00-0031 CF >6" Thick Limestone Coping.....	94.48	17.38
04 43 00 00-0032 Limestone Stair Treads (04 43 00 00-0018)		
04 43 00 00-0033 SF 2" Thick Limestone Treads.....	28.31	6.08
04 43 00 00-0034 SF 2-1/2" Thick Limestone Treads.....	30.21	6.49
04 43 00 00-0035 SF 3" Thick Limestone Treads.....	33.98	6.89
04 43 00 00-0036 SF 3-1/2" Thick Limestone Treads.....	36.94	7.29
04 43 00 00-0037 SF 4" Thick Limestone Treads.....	39.90	7.29
04 43 00 00-0038 SF 5" Thick Limestone Treads.....	44.20	7.70
04 43 00 00-0039 SF 6" Thick Limestone Tread, Smooth Finish.....	62.76	8.11
04 43 00 00-0040 Granite (04 43)		
04 43 00 00-0041 Polished Granite Veneer Facing Panels (04 43 00 00-0040)		
Note: Excludes structural support steel.		
04 43 00 00-0042 SF 7/8" Thick Black Polished Granite Veneer Facing Panels.....	71.95	25.37
04 43 00 00-0043 SF 7/8" Thick Gray Polished Granite Veneer Facing Panels.....	65.91	25.37
04 43 00 00-0044 Granite Stair Treads (04 43 00 00-0040)		
04 43 00 00-0045 SF 2" Thick Granite Stair Tread.....	41.93	6.08
04 43 00 00-0046 Slate (04 43)		
04 43 00 00-0047 Slate Panels Or Sills (04 43 00 00-0046)		
04 43 00 00-0048 SF 1" Thick Slate Panels.....	48.71	25.37
04 43 00 00-0049 SF 2" Thick Slate Panels.....	58.35	25.37
04 43 00 00-0050 Slate Sills Or Stools (04 43 00 00-0046)		
04 43 00 00-0051 LF 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	23.24	11.52
04 43 00 00-0052 LF 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	29.37	11.52

04	Masonry
04 40	Stone Assemblies
04 43	Stone Masonry

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

04 43 00 00-0053	LF		6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	28.50	11.52
04 43 00 00-0054	LF		10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	41.66	11.52

04 43 00 00-0055 **Slate Stair Treads** (04 43 00 00-0046)

04 43 00 00-0056	SF		2" Thick Slate Stair Tread	34.28	6.08
------------------	----	--	----------------------------------	-------	------

04 70 **Manufactured Masonry** (04)

04 72 **Cast Stone Masonry** (04 70)

04 72 00 00-0001 **Precast Concrete Lintels** (04 72)

04 72 00 00-0002 **Solid Precast Concrete Lintels** (04 72 00 00-0001)

04 72 00 00-0003	LF		4" x 8", Solid Precast Concrete Lintel	11.39	
04 72 00 00-0004	LF		6" x 8", Solid Precast Concrete Lintel	14.01	
04 72 00 00-0005	LF		8" x 8", Solid Precast Concrete Lintel	16.97	

04 72 00 00-0006 **U Shaped Precast Concrete Lintels** (04 72 00 00-0001)

Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.

04 72 00 00-0007	LF		6" x 8", U Shaped Precast Concrete Lintel	12.18	
04 72 00 00-0008	LF		8" x 8", U Shaped Precast Concrete Lintel	14.49	
04 72 00 00-0009	LF		12" x 8", U Shaped Precast Concrete Lintel	22.40	

04 72 00 00-0010 **Precast Concrete Coping** (04 72)

Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 21 29 00-0001 for terra cotta coping, 04 43 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.

04 72 00 00-0011 **Precast Concrete Coping** (04 72 00 00-0010)

Note: Measured at highest point.

04 72 00 00-0012	SF		2" Thick Precast Concrete Coping	38.67	9.41
04 72 00 00-0013	SF		2-1/2" Thick Precast Concrete Coping.....	43.25	10.14
04 72 00 00-0014	SF		3" Thick Precast Concrete Coping	49.77	10.86
04 72 00 00-0015	SF		3-1/2" Thick Precast Concrete Coping.....	53.32	11.59
04 72 00 00-0016	SF		4" Thick Precast Concrete Coping	56.91	12.31
04 72 00 00-0017	SF		5" Thick Precast Concrete Coping	67.30	13.03
04 72 00 00-0018	SF		6" Thick Precast Concrete Coping	76.43	13.76

04 72 00 00-0019 **Precast Concrete Window Sills** (04 72)

Note: Includes caulk and ties.

04 72 00 00-0020 **Precast Concrete Window Sills** (04 72 00 00-0019)

04 72 00 00-0021	LF		6" Wide Precast Concrete Window Sill	28.15	7.24
04 72 00 00-0022	LF		10" Wide Precast Concrete Window Sill	41.40	7.24
04 72 00 00-0023	LF		14" Wide Precast Concrete Window Sill	48.54	7.24

04 72 00 00-0024 **Cast Stone Veneer** (04 72)

04 72 00 00-0025	SF		1" Thick Cast Stone Veneer.....	46.96	15.36
------------------	----	--	---------------------------------	-------	-------

END OF SECTION 04

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

05 Metals

05 05 Common Work Results For Metals ⁽⁰⁵⁾

05 05 19 Post-Installed Concrete Anchors ^(05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001	Concrete And Masonry Anchors ^(05 05 19)		
05 05 19 00-0002	Expansion Anchors ^(05 05 19 00-0001)		
	Note: Includes drilling.		
05 05 19 00-0003	Wedge Expansion Bolt Anchors ^(05 05 19 00-0002)		
05 05 19 00-0004	Zinc Plated Steel, Wedge Anchor Expansion Bolt ^(05 05 19 00-0003)		
	Note: Includes nut and washer.		
05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.24	
	For >10 To 50, Deduct	-0.39	
	For >50 To 100, Deduct	-0.79	
	For >100, Deduct	-1.58	
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.31	
	For >10 To 50, Deduct	-0.39	
	For >50 To 100, Deduct	-0.79	
	For >100, Deduct	-1.59	
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	8.57	
	For >10 To 50, Deduct	-0.40	
	For >50 To 100, Deduct	-0.82	
	For >100, Deduct	-1.63	
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.10	
	For >10 To 50, Deduct	-0.47	
	For >50 To 100, Deduct	-0.96	
	For >100, Deduct	-1.93	
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	10.15	
	For >10 To 50, Deduct	-0.47	
	For >50 To 100, Deduct	-0.97	
	For >100, Deduct	-1.93	
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	10.17	
	For >10 To 50, Deduct	-0.47	
	For >50 To 100, Deduct	-0.97	
	For >100, Deduct	-1.93	
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	10.37	
	For >10 To 50, Deduct	-0.47	
	For >50 To 100, Deduct	-0.97	
	For >100, Deduct	-1.94	
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.61	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.76	
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.65	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.76	
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.73	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.76	
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.95	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.39	
	For >100, Deduct	-2.77	
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	15.25	
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.39	
	For >100, Deduct	-2.79	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.91	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.72	
	For >100, Deduct	-3.45	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	18.97	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.72	
	For >100, Deduct	-3.45	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	19.11	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.73	
	For >100, Deduct	-3.46	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	19.38	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.73	
	For >100, Deduct	-3.47	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	19.65	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.74	
	For >100, Deduct	-3.48	
05 05 19 00-0022	EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.78	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.79	
	For >100, Deduct	-3.59	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0023	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.61	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.84	
		<i>For >100, Deduct</i>	-3.68	
05 05 19 00-0024	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	22.77	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.06	
		<i>For >100, Deduct</i>	-4.11	
05 05 19 00-0025	EA	3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	22.83	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.06	
		<i>For >100, Deduct</i>	-4.11	
05 05 19 00-0026	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.16	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.07	
		<i>For >100, Deduct</i>	-4.13	
05 05 19 00-0027	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	23.55	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.08	
		<i>For >100, Deduct</i>	-4.15	
05 05 19 00-0028	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	24.00	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.09	
		<i>For >100, Deduct</i>	-4.17	
05 05 19 00-0029	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	25.70	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.13	
		<i>For >100, Deduct</i>	-4.26	
05 05 19 00-0030	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	27.97	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.19	
		<i>For >100, Deduct</i>	-4.37	
05 05 19 00-0031	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	30.53	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.25	
		<i>For >100, Deduct</i>	-4.50	
05 05 19 00-0032	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	29.96	
		<i>For >10 To 50, Deduct</i>	-1.08	
		<i>For >50 To 100, Deduct</i>	-2.36	
		<i>For >100, Deduct</i>	-4.72	
05 05 19 00-0033	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.30	
		<i>For >10 To 50, Deduct</i>	-1.08	
		<i>For >50 To 100, Deduct</i>	-2.40	
		<i>For >100, Deduct</i>	-4.79	
05 05 19 00-0034	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	33.09	
		<i>For >10 To 50, Deduct</i>	-1.08	
		<i>For >50 To 100, Deduct</i>	-2.44	
		<i>For >100, Deduct</i>	-4.88	
05 05 19 00-0035	EA	1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	37.23	
		<i>For >10 To 50, Deduct</i>	-1.39	
		<i>For >50 To 100, Deduct</i>	-3.02	
		<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0036	EA	1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	39.77	
		<i>For >10 To 50, Deduct</i>	-1.39	
		<i>For >50 To 100, Deduct</i>	-3.08	
		<i>For >100, Deduct</i>	-6.16	
05 05 19 00-0037	EA	1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	42.28	
		<i>For >10 To 50, Deduct</i>	-1.39	
		<i>For >50 To 100, Deduct</i>	-3.15	
		<i>For >100, Deduct</i>	-6.29	
05 05 19 00-0038	EA	1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	48.44	
		<i>For >10 To 50, Deduct</i>	-1.78	
		<i>For >50 To 100, Deduct</i>	-3.88	
		<i>For >100, Deduct</i>	-7.77	
05 05 19 00-0039	EA	1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	50.25	
		<i>For >10 To 50, Deduct</i>	-1.78	
		<i>For >50 To 100, Deduct</i>	-3.93	
		<i>For >100, Deduct</i>	-7.86	
05 05 19 00-0040		304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0041	EA	1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.75	
		<i>For >10 To 50, Deduct</i>	-0.39	
		<i>For >50 To 100, Deduct</i>	-0.80	
		<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0042	EA	1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.97	
		<i>For >10 To 50, Deduct</i>	-0.39	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0043	EA	1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	9.31	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100, Deduct</i>	-1.67	
05 05 19 00-0044	EA	3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.07	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.99	
		<i>For >100, Deduct</i>	-1.98	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0045	EA			3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.25	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-0.99	
				<i>For >100, Deduct</i>	-1.99	
05 05 19 00-0046	EA			3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.39	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-1.00	
				<i>For >100, Deduct</i>	-1.99	
05 05 19 00-0047	EA			3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.41	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-1.02	
				<i>For >100, Deduct</i>	-2.04	
05 05 19 00-0048	EA			1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	16.80	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.43	
				<i>For >100, Deduct</i>	-2.87	
05 05 19 00-0049	EA			1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.15	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.44	
				<i>For >100, Deduct</i>	-2.88	
05 05 19 00-0050	EA			1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.36	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.45	
				<i>For >100, Deduct</i>	-2.89	
05 05 19 00-0051	EA			1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.28	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.47	
				<i>For >100, Deduct</i>	-2.94	
05 05 19 00-0052	EA			1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.68	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.50	
				<i>For >100, Deduct</i>	-3.01	
05 05 19 00-0053	EA			5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.36	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.83	
				<i>For >100, Deduct</i>	-3.67	
05 05 19 00-0054	EA			5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.27	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.86	
				<i>For >100, Deduct</i>	-3.71	
05 05 19 00-0055	EA			5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	25.25	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.88	
				<i>For >100, Deduct</i>	-3.76	
05 05 19 00-0056	EA			5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	26.55	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.91	
				<i>For >100, Deduct</i>	-3.83	
05 05 19 00-0057	EA			5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.29	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-2.06	
				<i>For >100, Deduct</i>	-4.12	
05 05 19 00-0058	EA			3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	27.85	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.18	
				<i>For >100, Deduct</i>	-4.37	
05 05 19 00-0059	EA			3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.70	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.23	
				<i>For >100, Deduct</i>	-4.46	
05 05 19 00-0060	EA			3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.27	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.27	
				<i>For >100, Deduct</i>	-4.54	
05 05 19 00-0061	EA			3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.47	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.27	
				<i>For >100, Deduct</i>	-4.55	
05 05 19 00-0062	EA			3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.94	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.31	
				<i>For >100, Deduct</i>	-4.62	
05 05 19 00-0063	EA			3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	36.78	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.41	
				<i>For >100, Deduct</i>	-4.81	
05 05 19 00-0064	EA			3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.20	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.54	
				<i>For >100, Deduct</i>	-5.08	
05 05 19 00-0065	EA			7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.89	
				<i>For >10 To 50, Deduct</i>	-1.08	
				<i>For >50 To 100, Deduct</i>	-2.69	
				<i>For >100, Deduct</i>	-5.37	
05 05 19 00-0066	EA			1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	61.36	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-3.62	
				<i>For >100, Deduct</i>	-7.24	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0067	EA	1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	69.38	
		<i>For >10 To 50, Deduct</i>	-1.39	
		<i>For >50 To 100, Deduct</i>	-3.82	
		<i>For >100, Deduct</i>	-7.65	
05 05 19 00-0068		316 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0069	EA	1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	8.93	
		<i>For >10 To 50, Deduct</i>	-0.39	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0070	EA	1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	9.39	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.84	
		<i>For >100, Deduct</i>	-1.67	
05 05 19 00-0071	EA	3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.67	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100, Deduct</i>	-2.01	
05 05 19 00-0072	EA	3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	11.99	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.01	
		<i>For >100, Deduct</i>	-2.02	
05 05 19 00-0073	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	12.08	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.01	
		<i>For >100, Deduct</i>	-2.03	
05 05 19 00-0074	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.61	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100, Deduct</i>	-2.10	
05 05 19 00-0075	EA	1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.27	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.47	
		<i>For >100, Deduct</i>	-2.94	
05 05 19 00-0076	EA	1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.16	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.49	
		<i>For >100, Deduct</i>	-2.98	
05 05 19 00-0077	EA	1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.78	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.53	
		<i>For >100, Deduct</i>	-3.06	
05 05 19 00-0078	EA	1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.19	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.54	
		<i>For >100, Deduct</i>	-3.08	
05 05 19 00-0079	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.33	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.96	
		<i>For >100, Deduct</i>	-3.92	
05 05 19 00-0080	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.81	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.97	
		<i>For >100, Deduct</i>	-3.94	
05 05 19 00-0081	EA	3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.80	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.36	
		<i>For >100, Deduct</i>	-4.71	
05 05 19 00-0082	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	36.82	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.41	
		<i>For >100, Deduct</i>	-4.81	
05 05 19 00-0083		Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0084	EA	1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	16.34	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.42	
		<i>For >100, Deduct</i>	-2.84	
05 05 19 00-0085	EA	1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	17.09	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.44	
		<i>For >100, Deduct</i>	-2.88	
05 05 19 00-0086	EA	1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	17.84	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100, Deduct</i>	-2.92	
05 05 19 00-0087	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	18.22	
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.47	
		<i>For >100, Deduct</i>	-2.94	
05 05 19 00-0088	EA	5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	22.06	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.80	
		<i>For >100, Deduct</i>	-3.60	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0089	EA			5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	21.16	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.78	
				<i>For >100, Deduct</i>	-3.56	
05 05 19 00-0090	EA			3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	28.21	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.19	
				<i>For >100, Deduct</i>	-4.38	
05 05 19 00-0091	EA			3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	29.04	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.21	
				<i>For >100, Deduct</i>	-4.43	
05 05 19 00-0092	EA			3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	33.09	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.31	
				<i>For >100, Deduct</i>	-4.63	
05 05 19 00-0093	EA			1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	36.47	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-3.00	
				<i>For >100, Deduct</i>	-6.00	
05 05 19 00-0094	EA			1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	38.80	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-3.06	
				<i>For >100, Deduct</i>	-6.12	
05 05 19 00-0095	EA			1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	41.12	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-3.12	
				<i>For >100, Deduct</i>	-6.23	
05 05 19 00-0096				Concrete Sleeve Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0097				Zinc Plated Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
				Note: Includes nut and washer.		
05 05 19 00-0098	EA			1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.30	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.81	
				<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0099	EA			1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.39	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.81	
				<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0100	EA			1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.51	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.81	
				<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0101	EA			5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.73	
				<i>For >10 To 50, Deduct</i>	-0.42	
				<i>For >50 To 100, Deduct</i>	-0.85	
				<i>For >100, Deduct</i>	-1.69	
05 05 19 00-0102	EA			5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	8.82	
				<i>For >10 To 50, Deduct</i>	-0.42	
				<i>For >50 To 100, Deduct</i>	-0.85	
				<i>For >100, Deduct</i>	-1.70	
05 05 19 00-0103	EA			3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	9.90	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-0.96	
				<i>For >100, Deduct</i>	-1.92	
05 05 19 00-0104	EA			3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.06	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-0.96	
				<i>For >100, Deduct</i>	-1.93	
05 05 19 00-0105	EA			3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	10.21	
				<i>For >10 To 50, Deduct</i>	-0.47	
				<i>For >50 To 100, Deduct</i>	-0.97	
				<i>For >100, Deduct</i>	-1.93	
05 05 19 00-0106	EA			1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.24	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.37	
				<i>For >100, Deduct</i>	-2.73	
05 05 19 00-0107	EA			1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.44	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.37	
				<i>For >100, Deduct</i>	-2.74	
05 05 19 00-0108	EA			1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.62	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.38	
				<i>For >100, Deduct</i>	-2.75	
05 05 19 00-0109	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.83	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.38	
				<i>For >100, Deduct</i>	-2.76	
05 05 19 00-0110	EA			5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	17.84	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.70	
				<i>For >100, Deduct</i>	-3.39	
05 05 19 00-0111	EA			5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.15	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.70	
				<i>For >100, Deduct</i>	-3.41	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 19 00-0112	EA	5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	18.38	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.71	
		<i>For >100, Deduct</i>	-3.42	
05 05 19 00-0113	EA	5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	19.05	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.73	
		<i>For >100, Deduct</i>	-3.45	
05 05 19 00-0114	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.78	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.03	
		<i>For >100, Deduct</i>	-4.06	
05 05 19 00-0115	EA	3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.36	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.05	
		<i>For >100, Deduct</i>	-4.09	
05 05 19 00-0116	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.88	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.06	
		<i>For >100, Deduct</i>	-4.12	
05 05 19 00-0117	EA	3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	23.71	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.08	
		<i>For >100, Deduct</i>	-4.16	
05 05 19 00-0118		304/18-8 Stainless Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0119	EA	1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	9.14	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100, Deduct</i>	-1.65	
05 05 19 00-0120	EA	3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	11.66	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100, Deduct</i>	-2.01	
05 05 19 00-0121	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	12.52	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.02	
		<i>For >100, Deduct</i>	-2.05	
05 05 19 00-0122	EA	1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	17.17	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.44	
		<i>For >100, Deduct</i>	-2.88	
05 05 19 00-0123	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	18.72	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.48	
		<i>For >100, Deduct</i>	-2.96	
05 05 19 00-0124	EA	5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	25.10	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.88	
		<i>For >100, Deduct</i>	-3.75	
05 05 19 00-0125		Concrete Strike Anchors <small>(05 05 19 00-0002)</small>		
		Note: Includes nut and washer.		
05 05 19 00-0126	EA	1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	8.77	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100, Deduct</i>	-1.64	
05 05 19 00-0127	EA	1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	8.93	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100, Deduct</i>	-1.64	
05 05 19 00-0128	EA	5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	9.32	
		<i>For >10 To 50, Deduct</i>	-0.42	
		<i>For >50 To 100, Deduct</i>	-0.86	
		<i>For >100, Deduct</i>	-1.72	
05 05 19 00-0129	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor	9.99	
		<i>For >10 To 50, Deduct</i>	-0.42	
		<i>For >50 To 100, Deduct</i>	-0.88	
		<i>For >100, Deduct</i>	-1.76	
05 05 19 00-0130	EA	3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	10.63	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.98	
		<i>For >100, Deduct</i>	-1.95	
05 05 19 00-0131	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor	11.14	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.99	
		<i>For >100, Deduct</i>	-1.98	
05 05 19 00-0132	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor	11.53	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100, Deduct</i>	-2.00	
05 05 19 00-0133	EA	1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	15.50	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.40	
		<i>For >100, Deduct</i>	-2.80	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0134	EA			1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	15.80	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.41	
				<i>For >100, Deduct</i>	-2.81	
05 05 19 00-0135	EA			1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.69	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.43	
				<i>For >100, Deduct</i>	-2.86	
05 05 19 00-0136	EA			1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	17.84	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.46	
				<i>For >100, Deduct</i>	-2.91	
05 05 19 00-0137	EA			5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	20.50	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.76	
				<i>For >100, Deduct</i>	-3.52	
05 05 19 00-0138	EA			5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	21.56	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.79	
				<i>For >100, Deduct</i>	-3.58	
05 05 19 00-0139	EA			5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	22.50	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.81	
				<i>For >100, Deduct</i>	-3.62	
05 05 19 00-0140	EA			3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	26.21	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.14	
				<i>For >100, Deduct</i>	-4.28	
05 05 19 00-0141	EA			3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	27.20	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.17	
				<i>For >100, Deduct</i>	-4.33	
05 05 19 00-0142				Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143				Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0144	EA			1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	11.52	
				<i>For >10 To 50, Deduct</i>	-0.56	
				<i>For >50 To 100, Deduct</i>	-1.12	
				<i>For >100, Deduct</i>	-2.24	
05 05 19 00-0145	EA			3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	14.09	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.37	
				<i>For >100, Deduct</i>	-2.74	
05 05 19 00-0146	EA			1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	17.14	
				<i>For >10 To 50, Deduct</i>	-0.80	
				<i>For >50 To 100, Deduct</i>	-1.63	
				<i>For >100, Deduct</i>	-3.25	
05 05 19 00-0147	EA			5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	19.40	
				<i>For >10 To 50, Deduct</i>	-0.88	
				<i>For >50 To 100, Deduct</i>	-1.80	
				<i>For >100, Deduct</i>	-3.60	
05 05 19 00-0148	EA			3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	23.15	
				<i>For >10 To 50, Deduct</i>	-1.00	
				<i>For >50 To 100, Deduct</i>	-2.07	
				<i>For >100, Deduct</i>	-4.15	
05 05 19 00-0149				304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0150	EA			1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	13.28	
				<i>For >10 To 50, Deduct</i>	-0.56	
				<i>For >50 To 100, Deduct</i>	-1.16	
				<i>For >100, Deduct</i>	-2.33	
05 05 19 00-0151	EA			3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	17.45	
				<i>For >10 To 50, Deduct</i>	-0.68	
				<i>For >50 To 100, Deduct</i>	-1.45	
				<i>For >100, Deduct</i>	-2.90	
05 05 19 00-0152	EA			1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	21.51	
				<i>For >10 To 50, Deduct</i>	-0.80	
				<i>For >50 To 100, Deduct</i>	-1.73	
				<i>For >100, Deduct</i>	-3.47	
05 05 19 00-0153	EA			5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	26.43	
				<i>For >10 To 50, Deduct</i>	-0.88	
				<i>For >50 To 100, Deduct</i>	-1.98	
				<i>For >100, Deduct</i>	-3.95	
05 05 19 00-0154	EA			3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	35.24	
				<i>For >10 To 50, Deduct</i>	-1.00	
				<i>For >50 To 100, Deduct</i>	-2.38	
				<i>For >100, Deduct</i>	-4.75	
05 05 19 00-0155				Single Bolt Expansion Anchors (05 05 19 00-0002)		
				Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA			1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	8.44	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.81	
				<i>For >100, Deduct</i>	-1.62	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	9.00	
		<i>For >10 To 50, Deduct</i>	-0.42	
		<i>For >50 To 100, Deduct</i>	-0.85	
		<i>For >100, Deduct</i>	-1.71	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	10.18	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.97	
		<i>For >100, Deduct</i>	-1.93	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	14.83	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.38	
		<i>For >100, Deduct</i>	-2.76	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	20.37	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.76	
		<i>For >100, Deduct</i>	-3.52	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	24.54	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.10	
		<i>For >100, Deduct</i>	-4.20	
05 05 19 00-0162		Concrete Lag Shield Anchors (05 05 19 00-0002)		
		Note: Excludes lag bolt and washer.		
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	8.48	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.09	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.96	
		<i>For >100, Deduct</i>	-1.93	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	10.49	
		<i>For >10 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-0.97	
		<i>For >100, Deduct</i>	-1.95	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	14.81	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.38	
		<i>For >100, Deduct</i>	-2.76	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	19.74	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.74	
		<i>For >100, Deduct</i>	-3.49	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	22.25	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.04	
		<i>For >100, Deduct</i>	-4.09	
05 05 19 00-0169		Chemical And Adhesive Anchors (05 05 19 00-0001)		
05 05 19 00-0170		Chemically Adhered Anchor Rods (05 05 19 00-0169)		
		Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.		
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod	10.65	
		<i>For >10 To 50, Deduct</i>	-0.44	
		<i>For >50 To 100, Deduct</i>	-0.92	
		<i>For >100, Deduct</i>	-1.85	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	12.31	
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.03	
		<i>For >100, Deduct</i>	-2.05	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	15.30	
		<i>For >10 To 50, Deduct</i>	-0.60	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100, Deduct</i>	-2.56	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	17.87	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.46	
		<i>For >100, Deduct</i>	-2.92	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	18.87	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.48	
		<i>For >100, Deduct</i>	-2.97	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	23.35	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-1.83	
		<i>For >100, Deduct</i>	-3.67	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	30.19	
		<i>For >10 To 50, Deduct</i>	-0.99	
		<i>For >50 To 100, Deduct</i>	-2.24	
		<i>For >100, Deduct</i>	-4.48	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	35.63	
		<i>For >10 To 50, Deduct</i>	-1.07	
		<i>For >50 To 100, Deduct</i>	-2.50	
		<i>For >100, Deduct</i>	-5.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 05 19 00-0179	EA			1" x 11-3/4" Long Chemically Adhered Anchor Rod	48.57	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-3.30	
				<i>For >100, Deduct</i>	-6.60	
05 05 19 00-0180	EA			1-1/4" x 14" Long Chemically Adhered Anchor Rod	69.35	
				<i>For >10 To 50, Deduct</i>	-1.76	
				<i>For >50 To 100, Deduct</i>	-4.37	
				<i>For >100, Deduct</i>	-8.73	
05 05 19 00-0181				Chemical Adhesives For Bolts, Dowels Or Threaded Rod <small>(05 05 19 00-0169)</small>		
				Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA			1/4" Chemical Adhesive For Bolt Or Threaded Rod	9.00	
				<i>For >10 To 50, Deduct</i>	-0.44	
				<i>For >50 To 100, Deduct</i>	-0.88	
				<i>For >100, Deduct</i>	-1.77	
05 05 19 00-0183	EA			5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	9.86	
				<i>For >10 To 50, Deduct</i>	-0.48	
				<i>For >50 To 100, Deduct</i>	-0.96	
				<i>For >100, Deduct</i>	-1.93	
05 05 19 00-0184	EA			3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	12.36	
				<i>For >10 To 50, Deduct</i>	-0.60	
				<i>For >50 To 100, Deduct</i>	-1.21	
				<i>For >100, Deduct</i>	-2.41	
05 05 19 00-0185	EA			1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.03	
				<i>For >10 To 50, Deduct</i>	-0.67	
				<i>For >50 To 100, Deduct</i>	-1.36	
				<i>For >100, Deduct</i>	-2.72	
05 05 19 00-0186	EA			5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	17.99	
				<i>For >10 To 50, Deduct</i>	-0.83	
				<i>For >50 To 100, Deduct</i>	-1.70	
				<i>For >100, Deduct</i>	-3.40	
05 05 19 00-0187	EA			3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	22.15	
				<i>For >10 To 50, Deduct</i>	-0.99	
				<i>For >50 To 100, Deduct</i>	-2.04	
				<i>For >100, Deduct</i>	-4.08	
05 05 19 00-0188	EA			7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	24.56	
				<i>For >10 To 50, Deduct</i>	-1.07	
				<i>For >50 To 100, Deduct</i>	-2.22	
				<i>For >100, Deduct</i>	-4.45	
05 05 19 00-0189	EA			1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	32.49	
				<i>For >10 To 50, Deduct</i>	-1.39	
				<i>For >50 To 100, Deduct</i>	-2.90	
				<i>For >100, Deduct</i>	-5.80	
05 05 19 00-0190	EA			1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	37.20	
				<i>For >10 To 50, Deduct</i>	-1.57	
				<i>For >50 To 100, Deduct</i>	-3.29	
				<i>For >100, Deduct</i>	-6.58	
05 05 19 00-0191	EA			1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	42.55	
				<i>For >10 To 50, Deduct</i>	-1.76	
				<i>For >50 To 100, Deduct</i>	-3.70	
				<i>For >100, Deduct</i>	-7.39	
05 05 19 00-0192	EA			1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	46.00	
				<i>For >10 To 50, Deduct</i>	-1.83	
				<i>For >50 To 100, Deduct</i>	-3.90	
				<i>For >100, Deduct</i>	-7.80	
05 05 19 00-0193	EA			1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	50.70	
				<i>For >10 To 50, Deduct</i>	-1.91	
				<i>For >50 To 100, Deduct</i>	-4.14	
				<i>For >100, Deduct</i>	-8.28	
05 05 19 00-0194	EA			1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	60.10	
				<i>For >10 To 50, Deduct</i>	-2.07	
				<i>For >50 To 100, Deduct</i>	-4.61	
				<i>For >100, Deduct</i>	-9.23	
05 05 19 00-0195	EA			2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	80.31	
				<i>For >10 To 50, Deduct</i>	-2.15	
				<i>For >50 To 100, Deduct</i>	-5.24	
				<i>For >100, Deduct</i>	-10.48	
05 05 19 00-0196				Grout Concrete Anchor Bolt Or Threaded Rod <small>(05 05 19 00-0169)</small>		
05 05 19 00-0197	EA			Grout Concrete Anchor Bolt or Threaded Rod.....	3.46	
				<i>For >10 To 50, Deduct</i>	-0.17	
				<i>For >50 To 100, Deduct</i>	-0.34	
				<i>For >100, Deduct</i>	-0.67	
05 05 19 00-0198				Other Concrete And Masonry Anchors <small>(05 05 19 00-0001)</small>		
05 05 19 00-0199				Tapcon Masonry Screws <small>(05 05 19 00-0198)</small>		
				Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0200	EA			3/16" x 1-1/4" Tapcon Masonry Screw.....	8.17	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.80	
				<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0201	EA			3/16" x 2-1/4" Tapcon Masonry Screw.....	8.22	
				<i>For >10 To 50, Deduct</i>	-0.40	
				<i>For >50 To 100, Deduct</i>	-0.80	
				<i>For >100, Deduct</i>	-1.61	

05 Metals**05 05 Common Work Results For Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw.....	8.32	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw.....	8.22	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.80	
		<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw.....	8.28	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.61	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw.....	8.41	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.62	
05 05 19 00-0206		Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0198)		
		Note: Includes drilling. Zinc plated.		
05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	8.65	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.81	
		<i>For >100, Deduct</i>	-1.63	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	8.89	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100, Deduct</i>	-1.64	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	8.96	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100, Deduct</i>	-1.65	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	9.07	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100, Deduct</i>	-1.65	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	9.17	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100, Deduct</i>	-1.66	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	9.38	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100, Deduct</i>	-1.67	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	9.64	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.84	
		<i>For >100, Deduct</i>	-1.68	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	9.88	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.85	
		<i>For >100, Deduct</i>	-1.69	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	10.54	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.86	
		<i>For >100, Deduct</i>	-1.72	
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	10.62	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.86	
		<i>For >100, Deduct</i>	-1.73	
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	11.03	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.87	
		<i>For >100, Deduct</i>	-1.75	
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	11.45	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.88	
		<i>For >100, Deduct</i>	-1.77	
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	11.72	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.89	
		<i>For >100, Deduct</i>	-1.78	
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	11.60	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.89	
		<i>For >100, Deduct</i>	-1.78	
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	11.98	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.90	
		<i>For >100, Deduct</i>	-1.80	
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	12.89	
		<i>For >10 To 50, Deduct</i>	-0.40	
		<i>For >50 To 100, Deduct</i>	-0.92	
		<i>For >100, Deduct</i>	-1.84	

05 05 19 00-0223 Pin Bolt Drives (05 05 19 00-0198)
 Note: Includes drilling. Zinc plated.

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0224	EA 1/4" x 1" Pin Bolt Drive.....		5.07	
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.49	
	For >100, Deduct		-0.97	
05 05 19 00-0225	EA 1/4" x 1-1/4" Pin Bolt Drive.....		5.07	
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.49	
	For >100, Deduct		-0.97	
05 05 19 00-0226	EA 1/4" x 1-1/2" Pin Bolt Drive.....		5.11	
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.49	
	For >100, Deduct		-0.97	
05 05 19 00-0227	EA 1/4" x 2" Pin Bolt Drive.....		5.12	
	For >10 To 50, Deduct		-0.24	
	For >50 To 100, Deduct		-0.49	
	For >100, Deduct		-0.97	
05 05 19 00-0228	Powder Actuated, Shot-In Place Anchors With Exposed Thread (05 05 19 00-0198)			
05 05 19 00-0229	EA 1/4" Diameter Threaded Stud Powder Actuated Anchor.....		11.50	
	For >10 To 50, Deduct		-0.56	
	For >50 To 100, Deduct		-1.12	
	For >100, Deduct		-2.25	
05 05 19 00-0230	EA 3/8" Diameter Threaded Stud Powder Actuated Anchor.....		14.16	
	For >10 To 50, Deduct		-0.68	
	For >50 To 100, Deduct		-1.37	
	For >100, Deduct		-2.74	
05 05 23	Metal Fastenings (05 05)			
05 05 23 00-0001	Hex Bolts (05 05 23) Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0231 for drilling into brick or block, 02 41 19 13-0241 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.			
05 05 23 00-0002	A307B Heavy Hex Bolts (05 05 23 00-0001) Note: Includes A307B heavy hex nut and two structural washers.			
05 05 23 00-0003	Plain Finish A307B Heavy Hex Bolts (05 05 23 00-0002)			
05 05 23 00-0004	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt.....		10.53	1.10
	For >10 To 50, Deduct		-0.46	
	For >50 To 100, Deduct		-0.95	
	For >100, Deduct		-1.89	
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt.....		11.35	1.10
	For >10 To 50, Deduct		-0.46	
	For >50 To 100, Deduct		-0.97	
	For >100, Deduct		-1.94	
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....		11.37	1.10
	For >10 To 50, Deduct		-0.46	
	For >50 To 100, Deduct		-0.97	
	For >100, Deduct		-1.94	
05 05 23 00-0007	EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....		13.42	1.25
	For >10 To 50, Deduct		-0.52	
	For >50 To 100, Deduct		-1.12	
	For >100, Deduct		-2.23	
05 05 23 00-0008	EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....		12.74	1.10
	For >10 To 50, Deduct		-0.46	
	For >50 To 100, Deduct		-1.00	
	For >100, Deduct		-2.01	
05 05 23 00-0009	EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....		15.12	1.25
	For >10 To 50, Deduct		-0.52	
	For >50 To 100, Deduct		-1.16	
	For >100, Deduct		-2.32	
05 05 23 00-0010	EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....		18.47	1.31
	For >10 To 50, Deduct		-0.54	
	For >50 To 100, Deduct		-1.28	
	For >100, Deduct		-2.56	
05 05 23 00-0011	EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt.....		19.77	1.38
	For >10 To 50, Deduct		-0.57	
	For >50 To 100, Deduct		-1.35	
	For >100, Deduct		-2.71	
05 05 23 00-0012	EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....		14.97	1.19
	For >10 To 50, Deduct		-0.49	
	For >50 To 100, Deduct		-1.12	
	For >100, Deduct		-2.23	
05 05 23 00-0013	EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....		17.75	1.31
	For >10 To 50, Deduct		-0.54	
	For >50 To 100, Deduct		-1.26	
	For >100, Deduct		-2.52	
05 05 23 00-0014	EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....		20.50	1.38
	For >10 To 50, Deduct		-0.57	
	For >50 To 100, Deduct		-1.37	
	For >100, Deduct		-2.74	
05 05 23 00-0015	EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....		28.03	1.44
	For >10 To 50, Deduct		-0.60	
	For >50 To 100, Deduct		-1.60	
	For >100, Deduct		-3.21	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0016	EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	32.67 -0.68 -1.84 -3.67	1.63
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	36.55 -0.73 -2.01 -4.01	1.74
05 05 23 00-0018	Galvanized A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0019	EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	10.94 -0.46 -0.96 -1.92	1.10
05 05 23 00-0020	EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	11.62 -0.46 -0.97 -1.95	1.10
05 05 23 00-0021	EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	12.36 -0.46 -0.99 -1.99	1.10
05 05 23 00-0022	EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.41 -0.52 -1.14 -2.28	1.25
05 05 23 00-0023	EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	13.86 -0.46 -1.03 -2.06	1.10
05 05 23 00-0024	EA 3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.19 -0.52 -1.21 -2.42	1.25
05 05 23 00-0025	EA 3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.05 -0.54 -1.37 -2.74	1.31
05 05 23 00-0026	EA 3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	25.55 -0.57 -1.50 -3.00	1.38
05 05 23 00-0027	EA 7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.91 -0.49 -1.19 -2.38	1.19
05 05 23 00-0028	EA 7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	21.06 -0.54 -1.34 -2.68	1.31
05 05 23 00-0029	EA 1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	24.77 -0.57 -1.48 -2.96	1.38
05 05 23 00-0030	EA 1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	35.78 -0.60 -1.80 -3.60	1.44
05 05 23 00-0031	EA 1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	36.14 -0.68 -1.92 -3.85	1.63
05 05 23 00-0032	EA 1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	44.57 -0.73 -2.21 -4.41	1.74
05 05 23 00-0033	A325 High Strength Structural Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0034	Plain Finish A325 High Strength Structural Bolts <small>(05 05 23 00-0033)</small> Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	10.34 -0.46 -0.94 -1.89	1.10
05 05 23 00-0036	EA 1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	10.52 -0.46 -0.95 -1.89	1.10
05 05 23 00-0037	EA 5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	11.10 -0.46 -0.96 -1.92	1.10
05 05 23 00-0038	EA 5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	13.44 -0.52 -1.12 -2.24	1.25

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0039	EA	5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	15.28	1.31
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.20	
		For >100, Deduct	-2.40	
05 05 23 00-0040	EA	3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	11.90	1.10
		For >10 To 50, Deduct	-0.46	
		For >50 To 100, Deduct	-0.98	
		For >100, Deduct	-1.96	
05 05 23 00-0041	EA	3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	14.29	1.25
		For >10 To 50, Deduct	-0.52	
		For >50 To 100, Deduct	-1.14	
		For >100, Deduct	-2.28	
05 05 23 00-0042	EA	3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	16.04	1.31
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.22	
		For >100, Deduct	-2.44	
05 05 23 00-0043	EA	3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	19.26	1.38
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.34	
		For >100, Deduct	-2.68	
05 05 23 00-0044	EA	7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	13.66	1.19
		For >10 To 50, Deduct	-0.50	
		For >50 To 100, Deduct	-1.08	
		For >100, Deduct	-2.17	
05 05 23 00-0045	EA	7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	16.35	1.31
		For >10 To 50, Deduct	-0.54	
		For >50 To 100, Deduct	-1.22	
		For >100, Deduct	-2.45	
05 05 23 00-0046	EA	7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	18.43	1.38
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.32	
		For >100, Deduct	-2.64	
05 05 23 00-0047	EA	7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	19.89	1.44
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.40	
		For >100, Deduct	-2.80	
05 05 23 00-0048	EA	1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	14.94	1.24
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.15	
		For >100, Deduct	-2.29	
05 05 23 00-0049	EA	1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	17.75	1.38
		For >10 To 50, Deduct	-0.57	
		For >50 To 100, Deduct	-1.30	
		For >100, Deduct	-2.61	
05 05 23 00-0050	EA	1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	20.27	1.44
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.41	
		For >100, Deduct	-2.82	
05 05 23 00-0051	EA	1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	25.33	1.54
		For >10 To 50, Deduct	-0.64	
		For >50 To 100, Deduct	-1.59	
		For >100, Deduct	-3.19	
05 05 23 00-0052	EA	1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	24.32	1.54
		For >10 To 50, Deduct	-0.64	
		For >50 To 100, Deduct	-1.57	
		For >100, Deduct	-3.14	
05 05 23 00-0053	EA	1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	27.35	1.63
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.70	
		For >100, Deduct	-3.41	
05 05 23 00-0054	EA	1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	31.75	1.74
		For >10 To 50, Deduct	-0.73	
		For >50 To 100, Deduct	-1.89	
		For >100, Deduct	-3.77	
05 05 23 00-0055	EA	1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	36.92	1.86
		For >10 To 50, Deduct	-0.78	
		For >50 To 100, Deduct	-2.09	
		For >100, Deduct	-4.18	
05 05 23 00-0056		Galvanized A325 High Strength Structural Bolts (05 05 23 00-0033)		
		Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA	1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	10.71	1.10
		For >10 To 50, Deduct	-0.46	
		For >50 To 100, Deduct	-0.95	
		For >100, Deduct	-1.90	
05 05 23 00-0058	EA	1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	10.83	1.10
		For >10 To 50, Deduct	-0.46	
		For >50 To 100, Deduct	-0.95	
		For >100, Deduct	-1.91	
05 05 23 00-0059	EA	5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	11.86	1.10
		For >10 To 50, Deduct	-0.46	
		For >50 To 100, Deduct	-0.98	
		For >100, Deduct	-1.96	
05 05 23 00-0060	EA	5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	13.98	1.25
		For >10 To 50, Deduct	-0.52	
		For >50 To 100, Deduct	-1.13	
		For >100, Deduct	-2.26	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0061	EA	5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	14.76	1.31
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.19	
		<i>For >100, Deduct</i>	-2.37	
05 05 23 00-0062	EA	3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	12.25	1.10
		<i>For >10 To 50, Deduct</i>	-0.46	
		<i>For >50 To 100, Deduct</i>	-0.99	
		<i>For >100, Deduct</i>	-1.98	
05 05 23 00-0063	EA	3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	14.73	1.25
		<i>For >10 To 50, Deduct</i>	-0.52	
		<i>For >50 To 100, Deduct</i>	-1.15	
		<i>For >100, Deduct</i>	-2.30	
05 05 23 00-0064	EA	3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	16.72	1.31
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.23	
		<i>For >100, Deduct</i>	-2.47	
05 05 23 00-0065	EA	3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	20.88	1.38
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.38	
		<i>For >100, Deduct</i>	-2.76	
05 05 23 00-0066	EA	7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	15.76	1.19
		<i>For >10 To 50, Deduct</i>	-0.50	
		<i>For >50 To 100, Deduct</i>	-1.14	
		<i>For >100, Deduct</i>	-2.27	
05 05 23 00-0067	EA	7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	17.59	1.31
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100, Deduct</i>	-2.51	
05 05 23 00-0068	EA	7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	19.93	1.38
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.36	
		<i>For >100, Deduct</i>	-2.71	
05 05 23 00-0069	EA	7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	24.40	1.44
		<i>For >10 To 50, Deduct</i>	-0.60	
		<i>For >50 To 100, Deduct</i>	-1.51	
		<i>For >100, Deduct</i>	-3.03	
05 05 23 00-0070	EA	1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	16.57	1.24
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.19	
		<i>For >100, Deduct</i>	-2.37	
05 05 23 00-0071	EA	1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	21.49	1.38
		<i>For >10 To 50, Deduct</i>	-0.57	
		<i>For >50 To 100, Deduct</i>	-1.40	
		<i>For >100, Deduct</i>	-2.79	
05 05 23 00-0072	EA	1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	23.40	1.44
		<i>For >10 To 50, Deduct</i>	-0.60	
		<i>For >50 To 100, Deduct</i>	-1.49	
		<i>For >100, Deduct</i>	-2.98	
05 05 23 00-0073	EA	1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	29.19	1.54
		<i>For >10 To 50, Deduct</i>	-0.64	
		<i>For >50 To 100, Deduct</i>	-1.69	
		<i>For >100, Deduct</i>	-3.38	
05 05 23 00-0074	EA	1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	29.03	1.54
		<i>For >10 To 50, Deduct</i>	-0.64	
		<i>For >50 To 100, Deduct</i>	-1.69	
		<i>For >100, Deduct</i>	-3.37	
05 05 23 00-0075	EA	1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	30.95	1.63
		<i>For >10 To 50, Deduct</i>	-0.68	
		<i>For >50 To 100, Deduct</i>	-1.79	
		<i>For >100, Deduct</i>	-3.59	
05 05 23 00-0076	EA	1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	35.88	1.74
		<i>For >10 To 50, Deduct</i>	-0.73	
		<i>For >50 To 100, Deduct</i>	-1.99	
		<i>For >100, Deduct</i>	-3.98	
05 05 23 00-0077	EA	1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	41.23	1.86
		<i>For >10 To 50, Deduct</i>	-0.78	
		<i>For >50 To 100, Deduct</i>	-2.20	
		<i>For >100, Deduct</i>	-4.39	

05 05 23 00-0078 A490 High Strength Structural Bolts (05 05 23 00-0001)

Note: Includes A490 heavy hex nut and two structural washers.

05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)

05 05 23 00-0080	EA	5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	11.39	1.10
		<i>For >10 To 50, Deduct</i>	-0.46	
		<i>For >50 To 100, Deduct</i>	-0.97	
		<i>For >100, Deduct</i>	-1.94	
05 05 23 00-0081	EA	5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	15.40	1.25
		<i>For >10 To 50, Deduct</i>	-0.52	
		<i>For >50 To 100, Deduct</i>	-1.17	
		<i>For >100, Deduct</i>	-2.33	
05 05 23 00-0082	EA	5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	16.41	1.31
		<i>For >10 To 50, Deduct</i>	-0.54	
		<i>For >50 To 100, Deduct</i>	-1.23	
		<i>For >100, Deduct</i>	-2.45	
05 05 23 00-0083	EA	3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	12.50	1.10
		<i>For >10 To 50, Deduct</i>	-0.46	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100, Deduct</i>	-1.99	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0084	EA	3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.96 -0.52 -1.15 -2.31	1.25
05 05 23 00-0085	EA	3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.12 -0.54 -1.24 -2.49	1.31
05 05 23 00-0086	EA	3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	21.37 -0.57 -1.39 -2.79	1.38
05 05 23 00-0087	EA	7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	14.33 -0.49 -1.10 -2.20	1.19
05 05 23 00-0088	EA	7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.56 -0.54 -1.23 -2.46	1.31
05 05 23 00-0089	EA	7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.84 -0.57 -1.43 -2.86	1.38
05 05 23 00-0090	EA	1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	16.53 -0.51 -1.19 -2.37	1.24
05 05 23 00-0091	EA	1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	19.54 -0.57 -1.35 -2.69	1.38
05 05 23 00-0092	EA	1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.20 -0.60 -1.46 -2.92	1.44
05 05 23 00-0093	EA	1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	27.17 -0.64 -1.64 -3.28	1.54
05 05 23 00-0094	EA	1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	34.15 -0.68 -1.87 -3.75	1.63
05 05 23 00-0095	EA	1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	35.99 -0.73 -1.99 -3.98	1.74
05 05 23 00-0096	EA	1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt..... <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	37.65 -0.78 -2.11 -4.21	1.86
05 05 23 00-0097		Hex Head Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0098		Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0099		1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0100	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.04 -1.00 -1.25 -1.49	
05 05 23 00-0101	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.06 -1.00 -1.25 -1.49	
05 05 23 00-0102	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.10 -1.00 -1.25 -1.49	
05 05 23 00-0103	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.13 -1.00 -1.25 -1.49	
05 05 23 00-0104	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.30 -1.02 -1.28 -1.54	
05 05 23 00-0105	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.31 -1.02 -1.28 -1.54	
05 05 23 00-0106	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	5.38 -1.02 -1.28 -1.54	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0107	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.53
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0108	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.55
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0109	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.66
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0110	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.89
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.97
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0112	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.09
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0113	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.48
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0114	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.65
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0115	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.69
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67

05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0117	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.08
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0118	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.10
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0119	EA	5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.14
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0120	EA	5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.17
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0121	EA	5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.35
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0122	EA	5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.42
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0123	EA	5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.45
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0124	EA	5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.66
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0125	EA	5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.76
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0126	EA	5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.80
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0127	EA	5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.98
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0128	EA	5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.02
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62

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

05 05 23 00-0129	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.41	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0130	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.76	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0131	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.93	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0132	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.09	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0133			3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0134	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.13	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0135	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.15	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0136	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.20	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0137	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.25	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0138	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.44	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0139	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.53	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0140	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.62	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0141	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.85	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0142	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.97	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0143	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.03	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0144	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.30	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.37	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.41	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.60	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.67	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.78	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	

05 05 23 00-0150 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0151	EA 7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.07	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0152	EA 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.15	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0153	EA 7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.16	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0154	EA 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.40	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0155	EA 7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.51	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0156	EA 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.60	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0157	EA 7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.98	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0158	EA 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.04	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0159	EA 7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.18	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0160	EA 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.54	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0161	EA 7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.60	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0162	EA 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.77	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0163	EA 7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.98	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0164	EA 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.14	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0165	EA 7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.44	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	

05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05)

05 05 23 00-0167	EA 1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.01	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0168	EA 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.10	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0169	EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.19	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0170	EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.43	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0171	EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.52	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0172	EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.61	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	

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

05 05 23 00-0173	EA	1/2"	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.87	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0174	EA	1/2"	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.98	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0175	EA	1/2"	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.16	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0176	EA	1/2"	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.33	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0177	EA	1/2"	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.35	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0178	EA	1/2"	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0179	EA	1/2"	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.79	
			<i>For >100 To 250, Deduct</i>	-1.25	
			<i>For >250 To 500, Deduct</i>	-1.57	
			<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0180	EA	1/2"	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.89	
			<i>For >100 To 250, Deduct</i>	-1.25	
			<i>For >250 To 500, Deduct</i>	-1.57	
			<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0181	EA	1/2"	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.16	
			<i>For >100 To 250, Deduct</i>	-1.25	
			<i>For >250 To 500, Deduct</i>	-1.57	
			<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0182	EA	1/2"	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.44	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0183	EA	1/2"	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.54	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0184	EA	1/2"	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.92	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0185	EA	1/2"	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.03	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	

05 05 23 00-0186 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05

			<i>23 00-0098</i>		
05 05 23 00-0187	EA	9/16"	9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.10	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0188	EA	9/16"	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.22	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0189	EA	9/16"	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.25	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0190	EA	9/16"	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.79	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0191	EA	9/16"	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.95	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0192	EA	9/16"	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.00	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0193	EA	9/16"	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.16	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0194	EA	9/16"	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.20	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0195	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.34	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0196	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.51	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0197	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0198	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.66	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0199	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.93	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0200	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.08	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0201	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.22	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0202	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.49	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0203	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.66	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0204	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.77	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0205	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.95	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0206	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>	7.08	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0207	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.08	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0208	EA	5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.16	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0209	EA	5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.27	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0210	EA	5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.55	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0211	EA	5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.71	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0212	EA	5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	7.90	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0213	EA	5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.29	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0214	EA	5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.59	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0215	EA	5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.82	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0216	EA	5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.06	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

05 05 23 00-0217	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0218	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.49	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0219	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.85	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0220	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.17	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0221	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.53	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0222	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.07	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0223	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.43	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0224	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.80	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0225	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.08	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	

05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0227	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.35	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.66	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.99	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.22	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.79	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.07	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.30	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.91	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0237	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.09	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0238	EA		3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.45	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0239	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.61	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0240	EA	3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.43	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0241	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.81	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0242	EA	3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.46	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0243	EA	3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.84	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0244	EA	3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.35	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0245	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.85	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0246		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts		
		<small>23 00-0098</small>		<small>05 05</small>
05 05 23 00-0247	EA	7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.91	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0248	EA	7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.05	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0249	EA	7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.11	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0250	EA	7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.45	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0251	EA	7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.82	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0252	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.26	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0253	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.78	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0254	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.41	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0255	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.77	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0256	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.19	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0257	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.39	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.90	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.54	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.05	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0261 EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.55	
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-1.92	
For >500, Deduct	-2.31	
05 05 23 00-0262 EA 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.17	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-0263 EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.70	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-0264 EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.19	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-0265 EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.71	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-0266 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0267 EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.53	
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-1.78	
For >500, Deduct	-2.13	
05 05 23 00-0268 EA 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.45	
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-1.78	
For >500, Deduct	-2.13	
05 05 23 00-0269 EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.18	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.82	
For >500, Deduct	-2.18	
05 05 23 00-0270 EA 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.90	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.82	
For >500, Deduct	-2.18	
05 05 23 00-0271 EA 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.56	
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-1.82	
For >500, Deduct	-2.18	
05 05 23 00-0272 EA 1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.39	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0273 EA 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.03	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0274 EA 1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.69	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0275 EA 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.16	
For >100 To 250, Deduct	-1.51	
For >250 To 500, Deduct	-1.89	
For >500, Deduct	-2.27	
05 05 23 00-0276 EA 1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.48	
For >100 To 250, Deduct	-1.51	
For >250 To 500, Deduct	-1.89	
For >500, Deduct	-2.27	
05 05 23 00-0277 EA 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.03	
For >100 To 250, Deduct	-1.51	
For >250 To 500, Deduct	-1.89	
For >500, Deduct	-2.27	
05 05 23 00-0278 EA 1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.73	
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-1.92	
For >500, Deduct	-2.31	
05 05 23 00-0279 EA 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.27	
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-1.92	
For >500, Deduct	-2.31	
05 05 23 00-0280 EA 1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.85	
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-1.92	
For >500, Deduct	-2.31	
05 05 23 00-0281 EA 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.44	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-0282 EA 1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.09	
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0283	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.66	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0284	EA	1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.23	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0285		Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0286		1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0287	EA	1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.08	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0288	EA	1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.10	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0289	EA	1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.13	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0290	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.18	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0291	EA	1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.37	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0292	EA	1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.45	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0293	EA	1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.55	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0294	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.76	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0295	EA	1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.88	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0296	EA	1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.96	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0297	EA	1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.19	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0298	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.27	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0299	EA	1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.34	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0300	EA	1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.59	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0301	EA	1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.69	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0302	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.80	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0303		5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0304	EA	5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.13	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0305	EA	5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.15	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	

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

05 05 23 00-0306	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.19	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0307	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.25	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0308	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.44	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0309	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.53	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0310	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.67	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0311	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.89	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0312	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.00	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0313	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.11	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0314	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.47	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0315	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.51	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0316	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.65	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0317	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.98	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0318	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.18	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0319	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.37	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0320			3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0321	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.16	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0322	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.18	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0323	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.25	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0324	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.32	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0325	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.53	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0326	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.61	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0327	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	5.74	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.02	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.32	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.45	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.78	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.91	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.13	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.45	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.75	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.99	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.02	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.08	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.23	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.49	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.60	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0343	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.71	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0344	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.98	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0345	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.58	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0346	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.84	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0347	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.06	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0348	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.18	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0349	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.31	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	

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

05 05 23 00-0350	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.62	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0351	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.80	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0352	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.97	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0353		1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0354	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.10	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0355	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.18	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0356	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.27	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0357	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.55	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0358	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.69	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0359	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	6.83	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0360	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.10	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0361	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.56	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0362	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.59	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0363	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.05	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0364	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.23	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0365	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.69	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0366	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.25	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0367	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.52	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0368	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.61	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0369	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.24	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0370	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.70	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0371	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.35	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0372	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.59
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0373		9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	
05 05 23 00-0374	EA	9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.35
		<i>For >100 To 250, Deduct</i>	-1.14
		<i>For >250 To 500, Deduct</i>	-1.43
		<i>For >500, Deduct</i>	-1.71
05 05 23 00-0375	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.50
		<i>For >100 To 250, Deduct</i>	-1.14
		<i>For >250 To 500, Deduct</i>	-1.43
		<i>For >500, Deduct</i>	-1.71
05 05 23 00-0376	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.64
		<i>For >100 To 250, Deduct</i>	-1.14
		<i>For >250 To 500, Deduct</i>	-1.43
		<i>For >500, Deduct</i>	-1.71
05 05 23 00-0377	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	6.93
		<i>For >100 To 250, Deduct</i>	-1.17
		<i>For >250 To 500, Deduct</i>	-1.46
		<i>For >500, Deduct</i>	-1.75
05 05 23 00-0378	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.12
		<i>For >100 To 250, Deduct</i>	-1.17
		<i>For >250 To 500, Deduct</i>	-1.46
		<i>For >500, Deduct</i>	-1.75
05 05 23 00-0379	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.32
		<i>For >100 To 250, Deduct</i>	-1.17
		<i>For >250 To 500, Deduct</i>	-1.46
		<i>For >500, Deduct</i>	-1.75
05 05 23 00-0380	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.70
		<i>For >100 To 250, Deduct</i>	-1.20
		<i>For >250 To 500, Deduct</i>	-1.50
		<i>For >500, Deduct</i>	-1.79
05 05 23 00-0381	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.52
		<i>For >100 To 250, Deduct</i>	-1.20
		<i>For >250 To 500, Deduct</i>	-1.50
		<i>For >500, Deduct</i>	-1.79
05 05 23 00-0382	EA	9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.72
		<i>For >100 To 250, Deduct</i>	-1.20
		<i>For >250 To 500, Deduct</i>	-1.50
		<i>For >500, Deduct</i>	-1.79
05 05 23 00-0383	EA	9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.10
		<i>For >100 To 250, Deduct</i>	-1.22
		<i>For >250 To 500, Deduct</i>	-1.53
		<i>For >500, Deduct</i>	-1.84
05 05 23 00-0384	EA	9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.32
		<i>For >100 To 250, Deduct</i>	-1.22
		<i>For >250 To 500, Deduct</i>	-1.53
		<i>For >500, Deduct</i>	-1.84
05 05 23 00-0385	EA	9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.07
		<i>For >100 To 250, Deduct</i>	-1.22
		<i>For >250 To 500, Deduct</i>	-1.53
		<i>For >500, Deduct</i>	-1.84
05 05 23 00-0386	EA	9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.14
		<i>For >100 To 250, Deduct</i>	-1.25
		<i>For >250 To 500, Deduct</i>	-1.57
		<i>For >500, Deduct</i>	-1.88
05 05 23 00-0387	EA	9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.44
		<i>For >100 To 250, Deduct</i>	-1.25
		<i>For >250 To 500, Deduct</i>	-1.57
		<i>For >500, Deduct</i>	-1.88
05 05 23 00-0388	EA	9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.96
		<i>For >100 To 250, Deduct</i>	-1.25
		<i>For >250 To 500, Deduct</i>	-1.57
		<i>For >500, Deduct</i>	-1.88
05 05 23 00-0389	EA	9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.60
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0390	EA	9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.79
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0391	EA	9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.97
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0392	EA	9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.44
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0393		5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	
05 05 23 00-0394	EA	5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.22
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

05 05 23 00-0395	EA			5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.27	
				For >100 To 250, Deduct	-1.28	
				For >250 To 500, Deduct	-1.60	
				For >500, Deduct	-1.92	
05 05 23 00-0396	EA			5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.32	
				For >100 To 250, Deduct	-1.28	
				For >250 To 500, Deduct	-1.60	
				For >500, Deduct	-1.92	
05 05 23 00-0397	EA			5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.60	
				For >100 To 250, Deduct	-1.31	
				For >250 To 500, Deduct	-1.64	
				For >500, Deduct	-1.97	
05 05 23 00-0398	EA			5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.85	
				For >100 To 250, Deduct	-1.31	
				For >250 To 500, Deduct	-1.64	
				For >500, Deduct	-1.97	
05 05 23 00-0399	EA			5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.07	
				For >100 To 250, Deduct	-1.31	
				For >250 To 500, Deduct	-1.64	
				For >500, Deduct	-1.97	
05 05 23 00-0400	EA			5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.45	
				For >100 To 250, Deduct	-1.34	
				For >250 To 500, Deduct	-1.67	
				For >500, Deduct	-2.01	
05 05 23 00-0401	EA			5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.88	
				For >100 To 250, Deduct	-1.34	
				For >250 To 500, Deduct	-1.67	
				For >500, Deduct	-2.01	
05 05 23 00-0402	EA			5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.11	
				For >100 To 250, Deduct	-1.34	
				For >250 To 500, Deduct	-1.67	
				For >500, Deduct	-2.01	
05 05 23 00-0403	EA			5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.37	
				For >100 To 250, Deduct	-1.37	
				For >250 To 500, Deduct	-1.71	
				For >500, Deduct	-2.05	
05 05 23 00-0404	EA			5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.75	
				For >100 To 250, Deduct	-1.37	
				For >250 To 500, Deduct	-1.71	
				For >500, Deduct	-2.05	
05 05 23 00-0405	EA			5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.34	
				For >100 To 250, Deduct	-1.37	
				For >250 To 500, Deduct	-1.71	
				For >500, Deduct	-2.05	
05 05 23 00-0406	EA			5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.02	
				For >100 To 250, Deduct	-1.39	
				For >250 To 500, Deduct	-1.74	
				For >500, Deduct	-2.09	
05 05 23 00-0407	EA			5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.51	
				For >100 To 250, Deduct	-1.39	
				For >250 To 500, Deduct	-1.74	
				For >500, Deduct	-2.09	
05 05 23 00-0408	EA			5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.58	
				For >100 To 250, Deduct	-1.39	
				For >250 To 500, Deduct	-1.74	
				For >500, Deduct	-2.09	
05 05 23 00-0409	EA			5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.61	
				For >100 To 250, Deduct	-1.42	
				For >250 To 500, Deduct	-1.78	
				For >500, Deduct	-2.13	
05 05 23 00-0410	EA			5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.27	
				For >100 To 250, Deduct	-1.42	
				For >250 To 500, Deduct	-1.78	
				For >500, Deduct	-2.13	
05 05 23 00-0411	EA			5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.23	
				For >100 To 250, Deduct	-1.42	
				For >250 To 500, Deduct	-1.78	
				For >500, Deduct	-2.13	
05 05 23 00-0412	EA			5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.57	
				For >100 To 250, Deduct	-1.42	
				For >250 To 500, Deduct	-1.78	
				For >500, Deduct	-2.13	
05 05 23 00-0413				3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0414	EA			3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.77	
				For >100 To 250, Deduct	-1.28	
				For >250 To 500, Deduct	-1.60	
				For >500, Deduct	-1.92	
05 05 23 00-0415	EA			3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.87	
				For >100 To 250, Deduct	-1.28	
				For >250 To 500, Deduct	-1.60	
				For >500, Deduct	-1.92	
05 05 23 00-0416	EA			3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.93	
				For >100 To 250, Deduct	-1.28	
				For >250 To 500, Deduct	-1.60	
				For >500, Deduct	-1.92	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0417	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.27	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0418	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.52	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0419	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.90	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0420	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0421	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.53	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0422	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.04	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0423	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.41	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0424	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.83	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0425	EA		3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.35	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0426	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.21	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0427	EA		3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.75	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0428	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.05	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0429	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.98	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0430	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.25	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0431	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.13	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0432	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.35	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0433			7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0434	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.17	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0435	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.29	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0436	EA		7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.46	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0437	EA		7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.77	
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0438	EA		7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.27	
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	

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

05 05 23 00-0439	EA	7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.60	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0440	EA	7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.99	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0441	EA	7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.58	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0442	EA	7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.02	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0443	EA	7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.37	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0444	EA	7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.74	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0445	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.31	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0446	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.02	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0447	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.71	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0448	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.75	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0449	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.89	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0450	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.57	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0451	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.14	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0452	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.72	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0453		1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0454	EA	1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.27	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0455	EA	1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.31	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0456	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.83	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0457	EA	1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.31	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0458	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.66	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0459	EA	1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.26	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0460	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.83	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0461	EA	1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	13.64	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0462	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.37	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0463	EA	1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	14.54	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0464	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	15.68	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0465	EA	1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	16.55	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0466	EA	1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	17.77	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0467	EA	1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	18.11	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0468	EA	1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.15	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0469	EA	1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	22.45	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0470	EA	1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.29	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0471	EA	1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	23.86	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0472		Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0473		1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0474	EA	1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.09	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0475	EA	1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.15	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0476	EA	1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.18	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0477	EA	1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.24	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0478	EA	1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.42	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0479	EA	1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.49	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0480	EA	1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.55	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0481	EA	1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.70	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0482	EA	1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.89	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0483	EA	1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.06	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-0484	EA	1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.30	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0485	EA	1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.40	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0486	EA	1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.52	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0487	EA	1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.75	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0488	EA	1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.98	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0489	EA	1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.09	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0490		5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>	5.14	
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.14	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.17	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.29	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.31	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.51	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.68	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	5.73	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.96	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.07	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.31	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.60	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.69	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.83	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.08	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.19	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0506	EA		5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.39	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0507			3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0508	EA		3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.26	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0509	EA		3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.27	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0510	EA		3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.28	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0511	EA		3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.41	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0512	EA		3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.63	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0513	EA		3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.76	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0514	EA		3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	5.88	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0515	EA		3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.39	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0516	EA		3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.54	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0517	EA		3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.57	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0518	EA		3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.78	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0519	EA		3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.95	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0520	EA		3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.68	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0521	EA		3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.00	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0522	EA		3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.34	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0523	EA		3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.11	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0524			7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0525	EA		7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.11	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0526	EA		7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.13	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0527	EA		7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.33	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0528	EA		7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.49	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.72	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.85	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.02	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.53	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0533	EA	7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.94	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0534	EA	7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.35	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0535	EA	7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.49	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0536	EA	7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.70	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0537	EA	7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.16	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0538	EA	7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.84	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0539	EA	7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.89	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0540		1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0541	EA	1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.24	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0542	EA	1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.39	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0543	EA	1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.49	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0544	EA	1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	6.72	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0545	EA	1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.89	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0546	EA	1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.26	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0547	EA	1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.67	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0548	EA	1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.88	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0549	EA	1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.04	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0550	EA	1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.45	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0551	EA 1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.92	
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-1.84	
05 05 23 00-0552	EA 1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.36	
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-1.84	
05 05 23 00-0553	EA 1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.88	
	For >100 To 250, Deduct	-1.25	
	For >250 To 500, Deduct	-1.57	
	For >500, Deduct	-1.88	
05 05 23 00-0554	EA 1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.07	
	For >100 To 250, Deduct	-1.25	
	For >250 To 500, Deduct	-1.57	
	For >500, Deduct	-1.88	
05 05 23 00-0555	EA 1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.61	
	For >100 To 250, Deduct	-1.25	
	For >250 To 500, Deduct	-1.57	
	For >500, Deduct	-1.88	
05 05 23 00-0556	EA 1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.66	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.92	
05 05 23 00-0557	EA 1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.05	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.92	
05 05 23 00-0558	EA 1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.25	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.92	
05 05 23 00-0559	EA 1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.22	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-1.60	
	For >500, Deduct	-1.92	

05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0561	EA 9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.38	
	For >100 To 250, Deduct	-1.14	
	For >250 To 500, Deduct	-1.43	
	For >500, Deduct	-1.71	
05 05 23 00-0562	EA 9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.47	
	For >100 To 250, Deduct	-1.14	
	For >250 To 500, Deduct	-1.43	
	For >500, Deduct	-1.71	
05 05 23 00-0563	EA 9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	6.68	
	For >100 To 250, Deduct	-1.14	
	For >250 To 500, Deduct	-1.43	
	For >500, Deduct	-1.71	
05 05 23 00-0564	EA 9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.13	
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-1.46	
	For >500, Deduct	-1.75	
05 05 23 00-0565	EA 9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.20	
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-1.46	
	For >500, Deduct	-1.75	
05 05 23 00-0566	EA 9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.51	
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-1.46	
	For >500, Deduct	-1.75	
05 05 23 00-0567	EA 9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.86	
	For >100 To 250, Deduct	-1.20	
	For >250 To 500, Deduct	-1.50	
	For >500, Deduct	-1.79	
05 05 23 00-0568	EA 9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.86	
	For >100 To 250, Deduct	-1.20	
	For >250 To 500, Deduct	-1.50	
	For >500, Deduct	-1.79	
05 05 23 00-0569	EA 9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.06	
	For >100 To 250, Deduct	-1.20	
	For >250 To 500, Deduct	-1.50	
	For >500, Deduct	-1.79	
05 05 23 00-0570	EA 9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.35	
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-1.84	
05 05 23 00-0571	EA 9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.79	
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-1.84	
05 05 23 00-0572	EA 9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.43	
	For >100 To 250, Deduct	-1.22	
	For >250 To 500, Deduct	-1.53	
	For >500, Deduct	-1.84	

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

05 05 23 00-0573	EA	9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.50	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0574	EA	9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.88	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0575	EA	9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.46	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0576		5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0577	EA	5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.41	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0578	EA	5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.51	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0579	EA	5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.74	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0580	EA	5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.21	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0581	EA	5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.49	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0582	EA	5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.64	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0583	EA	5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.89	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0584	EA	5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.38	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0585	EA	5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.60	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0586	EA	5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.97	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0587	EA	5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.21	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0588	EA	5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.69	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0589	EA	5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.99	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0590	EA	5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.54	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0591	EA	5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.77	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0592	EA	5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.90	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0593	EA	5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.99	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0594	EA	5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.07	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0595	EA	5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.08
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0596		3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)	
05 05 23 00-0597	EA	3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.93
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.03
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.10
		<i>For >100 To 250, Deduct</i>	-1.28
		<i>For >250 To 500, Deduct</i>	-1.60
		<i>For >500, Deduct</i>	-1.92
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.38
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.58
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.17
		<i>For >100 To 250, Deduct</i>	-1.31
		<i>For >250 To 500, Deduct</i>	-1.64
		<i>For >500, Deduct</i>	-1.97
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.56
		<i>For >100 To 250, Deduct</i>	-1.34
		<i>For >250 To 500, Deduct</i>	-1.67
		<i>For >500, Deduct</i>	-2.01
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.61
		<i>For >100 To 250, Deduct</i>	-1.34
		<i>For >250 To 500, Deduct</i>	-1.67
		<i>For >500, Deduct</i>	-2.01
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.42
		<i>For >100 To 250, Deduct</i>	-1.34
		<i>For >250 To 500, Deduct</i>	-1.67
		<i>For >500, Deduct</i>	-2.01
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.85
		<i>For >100 To 250, Deduct</i>	-1.37
		<i>For >250 To 500, Deduct</i>	-1.71
		<i>For >500, Deduct</i>	-2.05
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.27
		<i>For >100 To 250, Deduct</i>	-1.37
		<i>For >250 To 500, Deduct</i>	-1.71
		<i>For >500, Deduct</i>	-2.05
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.06
		<i>For >100 To 250, Deduct</i>	-1.37
		<i>For >250 To 500, Deduct</i>	-1.71
		<i>For >500, Deduct</i>	-2.05
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.16
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.74
		<i>For >500, Deduct</i>	-2.09
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.58
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.74
		<i>For >500, Deduct</i>	-2.09
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.79
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.74
		<i>For >500, Deduct</i>	-2.09
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.97
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.73
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.28
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.49
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)	
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.06
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13

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

05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.32	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.85	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.63	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.72	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.04	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.92	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.40	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.66	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.36	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.19	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.93	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.81	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.57	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.31	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.53	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.72	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.17	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0635		1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>	10.80	
05 05 23 00-0636	EA	1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.80	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.45	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.89	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0639	EA	1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.38	
		<i>For >100 To 250, Deduct</i>	-1.45	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500, Deduct</i>	-2.18	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0640	EA	1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.29
		<i>For >100 To 250, Deduct</i>	-1.45
		<i>For >250 To 500, Deduct</i>	-1.82
		<i>For >500, Deduct</i>	-2.18
05 05 23 00-0641	EA	1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.68
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0642	EA	1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.47
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0643	EA	1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.52
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0644	EA	1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.15
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0645	EA	1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.59
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0646	EA	1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.79
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0647	EA	1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.27
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0648	EA	1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.75
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0649	EA	1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.18
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0650	EA	1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.64
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0651	EA	1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.36
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0652	EA	1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.25
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0653	EA	1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.41
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0654		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>	
05 05 23 00-0655		1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>	
05 05 23 00-0656	EA	1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.17
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0657	EA	1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.18
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0658	EA	1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.19
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0659	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.32
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0660	EA	1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.53
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0661	EA	1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.61
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0662	EA	1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.64
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

05 05 23 00-0663	EA			1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.79	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0664	EA			1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.88	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0665	EA			1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.91	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0666	EA			1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.12	
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.35	
				<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0667	EA			1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.21	
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.35	
				<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0668	EA			1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.23	
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.35	
				<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0669	EA			1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.46	
				<i>For >100 To 250, Deduct</i>	-1.11	
				<i>For >250 To 500, Deduct</i>	-1.39	
				<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0670	EA			1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.68	
				<i>For >100 To 250, Deduct</i>	-1.11	
				<i>For >250 To 500, Deduct</i>	-1.39	
				<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0671	EA			1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.97	
				<i>For >100 To 250, Deduct</i>	-1.11	
				<i>For >250 To 500, Deduct</i>	-1.39	
				<i>For >500, Deduct</i>	-1.67	

05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0673	EA			5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.11	
				<i>For >100 To 250, Deduct</i>	-1.00	
				<i>For >250 To 500, Deduct</i>	-1.25	
				<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0674	EA			5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.37	
				<i>For >100 To 250, Deduct</i>	-1.00	
				<i>For >250 To 500, Deduct</i>	-1.25	
				<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0675	EA			5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.39	
				<i>For >100 To 250, Deduct</i>	-1.00	
				<i>For >250 To 500, Deduct</i>	-1.25	
				<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0676	EA			5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.40	
				<i>For >100 To 250, Deduct</i>	-1.00	
				<i>For >250 To 500, Deduct</i>	-1.25	
				<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0677	EA			5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.66	
				<i>For >100 To 250, Deduct</i>	-1.02	
				<i>For >250 To 500, Deduct</i>	-1.28	
				<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0678	EA			5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.90	
				<i>For >100 To 250, Deduct</i>	-1.02	
				<i>For >250 To 500, Deduct</i>	-1.28	
				<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0679	EA			5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.94	
				<i>For >100 To 250, Deduct</i>	-1.02	
				<i>For >250 To 500, Deduct</i>	-1.28	
				<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0680	EA			5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.15	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0681	EA			5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.18	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0682	EA			5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.37	
				<i>For >100 To 250, Deduct</i>	-1.05	
				<i>For >250 To 500, Deduct</i>	-1.32	
				<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0683	EA			5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.57	
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.35	
				<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0684	EA			5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.65	
				<i>For >100 To 250, Deduct</i>	-1.08	
				<i>For >250 To 500, Deduct</i>	-1.35	
				<i>For >500, Deduct</i>	-1.62	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0685	EA	5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.83
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.36
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0687	EA	5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.66
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.94
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67

05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0690	EA	3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.19
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.25
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0692	EA	3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.31
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.47
		<i>For >100 To 250, Deduct</i>	-1.00
		<i>For >250 To 500, Deduct</i>	-1.25
		<i>For >500, Deduct</i>	-1.49
05 05 23 00-0694	EA	3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.68
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.81
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0696	EA	3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	5.90
		<i>For >100 To 250, Deduct</i>	-1.02
		<i>For >250 To 500, Deduct</i>	-1.28
		<i>For >500, Deduct</i>	-1.54
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.17
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0698	EA	3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.24
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.39
		<i>For >100 To 250, Deduct</i>	-1.05
		<i>For >250 To 500, Deduct</i>	-1.32
		<i>For >500, Deduct</i>	-1.58
05 05 23 00-0700	EA	3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.61
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.83
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0702	EA	3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.87
		<i>For >100 To 250, Deduct</i>	-1.08
		<i>For >250 To 500, Deduct</i>	-1.35
		<i>For >500, Deduct</i>	-1.62
05 05 23 00-0703	EA	3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.03
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0704	EA	3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.05
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67
05 05 23 00-0705	EA	3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.31
		<i>For >100 To 250, Deduct</i>	-1.11
		<i>For >250 To 500, Deduct</i>	-1.39
		<i>For >500, Deduct</i>	-1.67

05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

05 05 23 00-0707	EA		7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.30	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0708	EA		7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.58	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0709	EA		7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.80	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0710	EA		7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.30	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0711	EA		7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.32	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0712	EA		7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.34	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0713	EA		7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.66	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0714	EA		7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.86	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0715	EA		7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0716	EA		7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.38	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0717	EA		7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.60	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	

05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0719	EA		1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.17	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0720	EA		1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.26	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0721	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.45	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.43	
			<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0722	EA		1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.80	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0723	EA		1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.94	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0724	EA		1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.20	
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0725	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0726	EA		1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.49	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0727	EA		1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.70	
			<i>For >100 To 250, Deduct</i>	-1.20	
			<i>For >250 To 500, Deduct</i>	-1.50	
			<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0728	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.94	
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-1.53	
			<i>For >500, Deduct</i>	-1.84	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0729	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.17	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0730	EA 1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.19	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0731	EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.38	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0732	EA 1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.44	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0733	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0734	EA 1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.61	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0735	EA 1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.75	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0736	EA 1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.78	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0737	EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.86	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	

05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0739	EA 5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.21	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0740	EA 5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.35	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0741	EA 5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.45	
	<i>For >100 To 250, Deduct</i>	-1.28	
	<i>For >250 To 500, Deduct</i>	-1.60	
	<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0742	EA 5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.75	
	<i>For >100 To 250, Deduct</i>	-1.31	
	<i>For >250 To 500, Deduct</i>	-1.64	
	<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0743	EA 5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.96	
	<i>For >100 To 250, Deduct</i>	-1.31	
	<i>For >250 To 500, Deduct</i>	-1.64	
	<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0744	EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.43	
	<i>For >100 To 250, Deduct</i>	-1.31	
	<i>For >250 To 500, Deduct</i>	-1.64	
	<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0745	EA 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.64	
	<i>For >100 To 250, Deduct</i>	-1.34	
	<i>For >250 To 500, Deduct</i>	-1.67	
	<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0746	EA 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.72	
	<i>For >100 To 250, Deduct</i>	-1.34	
	<i>For >250 To 500, Deduct</i>	-1.67	
	<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0747	EA 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	8.87	
	<i>For >100 To 250, Deduct</i>	-1.34	
	<i>For >250 To 500, Deduct</i>	-1.67	
	<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0748	EA 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.19	
	<i>For >100 To 250, Deduct</i>	-1.37	
	<i>For >250 To 500, Deduct</i>	-1.71	
	<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0749	EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36	
	<i>For >100 To 250, Deduct</i>	-1.37	
	<i>For >250 To 500, Deduct</i>	-1.71	
	<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0750	EA 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.84	
	<i>For >100 To 250, Deduct</i>	-1.37	
	<i>For >250 To 500, Deduct</i>	-1.71	
	<i>For >500, Deduct</i>	-2.05	

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

05 05 23 00-0751	EA	5/8"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.01	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0752	EA	5/8"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.85	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0753	EA	5/8"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.09	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0754	EA	5/8"	Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.59	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0755	EA	5/8"	Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.99	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0756	EA	5/8"	Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.89	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0757	EA	5/8"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.96	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	

05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0654)

05 05 23 00-0759	EA	3/4"	Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.89	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0760	EA	3/4"	Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.93	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0761	EA	3/4"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.10	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0762	EA	3/4"	Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0763	EA	3/4"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.28	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0764	EA	3/4"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.70	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0765	EA	3/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.07	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0766	EA	3/4"	Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.10	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0767	EA	3/4"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0768	EA	3/4"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.39	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0769	EA	3/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.95	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0770	EA	3/4"	Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.18	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0771	EA	3/4"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.77	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0772	EA	3/4"	Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.85	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.07
		<i>For >100 To 250, Deduct</i>	-1.39
		<i>For >250 To 500, Deduct</i>	-1.74
		<i>For >500, Deduct</i>	-2.09
05 05 23 00-0774	EA	3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.55
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.79
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0776	EA	3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.92
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.99
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13

05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts

(05 05 23 00-0654)

05 05 23 00-0779	EA	7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	9.95
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.22
		<i>For >100 To 250, Deduct</i>	-1.42
		<i>For >250 To 500, Deduct</i>	-1.78
		<i>For >500, Deduct</i>	-2.13
05 05 23 00-0781	EA	7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.52
		<i>For >100 To 250, Deduct</i>	-1.45
		<i>For >250 To 500, Deduct</i>	-1.82
		<i>For >500, Deduct</i>	-2.18
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.92
		<i>For >100 To 250, Deduct</i>	-1.45
		<i>For >250 To 500, Deduct</i>	-1.82
		<i>For >500, Deduct</i>	-2.18
05 05 23 00-0783	EA	7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.14
		<i>For >100 To 250, Deduct</i>	-1.45
		<i>For >250 To 500, Deduct</i>	-1.82
		<i>For >500, Deduct</i>	-2.18
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.55
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0785	EA	7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.85
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0786	EA	7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.22
		<i>For >100 To 250, Deduct</i>	-1.48
		<i>For >250 To 500, Deduct</i>	-1.85
		<i>For >500, Deduct</i>	-2.22
05 05 23 00-0787	EA	7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.63
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0788	EA	7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.92
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0789	EA	7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.23
		<i>For >100 To 250, Deduct</i>	-1.51
		<i>For >250 To 500, Deduct</i>	-1.89
		<i>For >500, Deduct</i>	-2.27
05 05 23 00-0790	EA	7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.70
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0791	EA	7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.24
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0792	EA	7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.37
		<i>For >100 To 250, Deduct</i>	-1.54
		<i>For >250 To 500, Deduct</i>	-1.92
		<i>For >500, Deduct</i>	-2.31
05 05 23 00-0793	EA	7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.65
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35
05 05 23 00-0794	EA	7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.95
		<i>For >100 To 250, Deduct</i>	-1.57
		<i>For >250 To 500, Deduct</i>	-1.96
		<i>For >500, Deduct</i>	-2.35

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

05 05 23 00-0795	EA		7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.33	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0796	EA		7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.68	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0797			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0798	EA		1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.83	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0799	EA		1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.07	
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0800	EA		1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57	
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0801	EA		1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.97	
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0802	EA		1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.03	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0803	EA		1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.23	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0804	EA		1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.81	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0805	EA		1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.01	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0806	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.23	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0807	EA		1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.22	
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0808	EA		1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.73	
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0809	EA		1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.57	
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0810	EA		1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.39	
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0811	EA		1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.78	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0812	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.45	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0813	EA		1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.95	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0814	EA		1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.71	
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0815			304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816			1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817	EA		1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	5.12	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0818	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.17	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0819	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.24	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0820	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.31	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0821	EA	1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.53	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0822	EA	1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.64	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0823	EA	1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.77	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0824	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.00	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0825	EA	1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.16	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0826	EA	1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.30	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0827	EA	1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.57	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0828	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	6.81	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0829	EA	1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.69	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0830	EA	1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.24	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0831	EA	1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.37	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0832	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.70	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	

05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0834	EA	5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.22	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0835	EA	5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.27	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0836	EA	5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.37	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0837	EA	5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.45	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0838	EA	5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.74	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0839	EA	5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	5.80	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	

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

05 05 23 00-0840	EA		5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.06	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0841	EA		5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.39	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0842	EA		5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.69	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0843	EA		5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.84	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0844	EA		5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.45	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0845	EA		5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.20	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0846	EA		5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.91	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0847	EA		5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.83	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-1.67	
05 05 23 00-0848			3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0849	EA		3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	5.35	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0850	EA		3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	5.41	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0851	EA		3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	5.57	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0852	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	5.78	
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0853	EA		3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.02	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0854	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.18	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0855	EA		3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.40	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0856	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.74	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0857	EA		3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	6.99	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0858	EA		3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.56	
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-1.32	
			<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0859	EA		3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.77	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0860	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.24	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	
05 05 23 00-0861	EA		3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.23	
			<i>For >100 To 250, Deduct</i>	-1.08	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500, Deduct</i>	-1.62	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0862	EA 3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.61 -1.11 -1.39 -1.67	
05 05 23 00-0863	EA 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.75 -1.11 -1.39 -1.67	
05 05 23 00-0864	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.74 -1.11 -1.39 -1.67	
05 05 23 00-0865	7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0866	EA 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.59 -1.14 -1.43 -1.71	
05 05 23 00-0867	EA 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.66 -1.14 -1.43 -1.71	
05 05 23 00-0868	EA 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.92 -1.14 -1.43 -1.71	
05 05 23 00-0869	EA 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.22 -1.17 -1.46 -1.75	
05 05 23 00-0870	EA 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.54 -1.17 -1.46 -1.75	
05 05 23 00-0871	EA 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.06 -1.17 -1.46 -1.75	
05 05 23 00-0872	EA 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.44 -1.20 -1.50 -1.79	
05 05 23 00-0873	EA 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.06 -1.20 -1.50 -1.79	
05 05 23 00-0874	EA 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.32 -1.20 -1.50 -1.79	
05 05 23 00-0875	EA 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.30 -1.22 -1.53 -1.84	
05 05 23 00-0876	EA 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.24 -1.22 -1.53 -1.84	
05 05 23 00-0877	EA 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.37 -1.22 -1.53 -1.84	
05 05 23 00-0878	EA 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.62 -1.25 -1.57 -1.88	
05 05 23 00-0879	1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0880	EA 1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.58 -1.14 -1.43 -1.71	
05 05 23 00-0881	EA 1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	6.66 -1.14 -1.43 -1.71	
05 05 23 00-0882	EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.07 -1.14 -1.43 -1.71	
05 05 23 00-0883	EA 1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.38 -1.17 -1.46 -1.75	
05 05 23 00-0884	EA 1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.75 -1.17 -1.46 -1.75	

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

05 05 23 00-0885	EA	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.96	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0886	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.34	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0887	EA	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.52	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0888	EA	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.50	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0889	EA	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.92	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0890	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.36	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0891	EA	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.86	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0892	EA	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.74	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0893	EA	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.04	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0894	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.52	
		<i>For >100 To 250, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500, Deduct</i>	-1.88	
05 05 23 00-0895	EA	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.97	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0896	EA	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.16	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0897	EA	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.47	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0898	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.77	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	

05 05 23 00-0899 9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 05 23 00-0900	EA	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.74	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0901	EA	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.60	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0902	EA	9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.10	
		<i>For >100 To 250, Deduct</i>	-1.14	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-1.71	
05 05 23 00-0903	EA	9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.54	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0904	EA	9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.07	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0905	EA	9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.00	
		<i>For >100 To 250, Deduct</i>	-1.17	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500, Deduct</i>	-1.75	
05 05 23 00-0906	EA	9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.51	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0907	EA	9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.72	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0908	EA	9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.68	
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.50	
		<i>For >500, Deduct</i>	-1.79	
05 05 23 00-0909	EA	9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.74	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0910	EA	9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.80	
		<i>For >100 To 250, Deduct</i>	-1.22	
		<i>For >250 To 500, Deduct</i>	-1.53	
		<i>For >500, Deduct</i>	-1.84	
05 05 23 00-0911		5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0915)</small>		
05 05 23 00-0912	EA	5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.02	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.22	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.03	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.31	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.70	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.25	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.09	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.10	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.72	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.21	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.78	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.83	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.10	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.03	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.45	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.31	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.85	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	

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

05 05 23 00-0929	EA		5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.30	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0930	EA		5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.30	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0931			3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0932	EA		3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.91	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0933	EA		3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.30	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0934	EA		3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.80	
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500, Deduct</i>	-1.92	
05 05 23 00-0935	EA		3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.49	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0936	EA		3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.04	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0937	EA		3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.98	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-1.64	
			<i>For >500, Deduct</i>	-1.97	
05 05 23 00-0938	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.67	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0939	EA		3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.55	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0940	EA		3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.24	
			<i>For >100 To 250, Deduct</i>	-1.34	
			<i>For >250 To 500, Deduct</i>	-1.67	
			<i>For >500, Deduct</i>	-2.01	
05 05 23 00-0941	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.10	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0942	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	15.91	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0943	EA		3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.43	
			<i>For >100 To 250, Deduct</i>	-1.37	
			<i>For >250 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.05	
05 05 23 00-0944	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	21.62	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0945	EA		3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.91	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0946	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	25.67	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-1.74	
			<i>For >500, Deduct</i>	-2.09	
05 05 23 00-0947	EA		3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	25.93	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0948	EA		3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	26.37	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0949	EA		3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	27.55	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0950	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	28.45	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-1.78	
			<i>For >500, Deduct</i>	-2.13	

05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0952	EA 7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.01	
	<i>For >100 To 250, Deduct</i>	-1.42	
	<i>For >250 To 500, Deduct</i>	-1.78	
	<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0953	EA 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.97	
	<i>For >100 To 250, Deduct</i>	-1.42	
	<i>For >250 To 500, Deduct</i>	-1.78	
	<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0954	EA 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.84	
	<i>For >100 To 250, Deduct</i>	-1.45	
	<i>For >250 To 500, Deduct</i>	-1.82	
	<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0955	EA 7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.81	
	<i>For >100 To 250, Deduct</i>	-1.45	
	<i>For >250 To 500, Deduct</i>	-1.82	
	<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0956	EA 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.13	
	<i>For >100 To 250, Deduct</i>	-1.45	
	<i>For >250 To 500, Deduct</i>	-1.82	
	<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0957	EA 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.07	
	<i>For >100 To 250, Deduct</i>	-1.48	
	<i>For >250 To 500, Deduct</i>	-1.85	
	<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0958	EA 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.38	
	<i>For >100 To 250, Deduct</i>	-1.48	
	<i>For >250 To 500, Deduct</i>	-1.85	
	<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0959	EA 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.49	
	<i>For >100 To 250, Deduct</i>	-1.48	
	<i>For >250 To 500, Deduct</i>	-1.85	
	<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0960	EA 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.94	
	<i>For >100 To 250, Deduct</i>	-1.51	
	<i>For >250 To 500, Deduct</i>	-1.89	
	<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0961	EA 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.75	
	<i>For >100 To 250, Deduct</i>	-1.51	
	<i>For >250 To 500, Deduct</i>	-1.89	
	<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0962	EA 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.21	
	<i>For >100 To 250, Deduct</i>	-1.51	
	<i>For >250 To 500, Deduct</i>	-1.89	
	<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0963	EA 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.07	
	<i>For >100 To 250, Deduct</i>	-1.54	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0964	EA 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.07	
	<i>For >100 To 250, Deduct</i>	-1.54	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0965	EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.68	
	<i>For >100 To 250, Deduct</i>	-1.54	
	<i>For >250 To 500, Deduct</i>	-1.92	
	<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0966	EA 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.72	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0967	EA 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.64	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0968	EA 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.45	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0969	EA 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.26	
	<i>For >100 To 250, Deduct</i>	-1.57	
	<i>For >250 To 500, Deduct</i>	-1.96	
	<i>For >500, Deduct</i>	-2.35	

05 05 23 00-0970 1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-09615)

05 05 23 00-0971	EA 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.33	
	<i>For >100 To 250, Deduct</i>	-1.42	
	<i>For >250 To 500, Deduct</i>	-1.78	
	<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0972	EA 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.02	
	<i>For >100 To 250, Deduct</i>	-1.42	
	<i>For >250 To 500, Deduct</i>	-1.78	
	<i>For >500, Deduct</i>	-2.13	
05 05 23 00-0973	EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.21	
	<i>For >100 To 250, Deduct</i>	-1.45	
	<i>For >250 To 500, Deduct</i>	-1.82	
	<i>For >500, Deduct</i>	-2.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0974	EA		1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt 17.08		
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0975	EA		1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 18.52		
			<i>For >100 To 250, Deduct</i>	-1.45	
			<i>For >250 To 500, Deduct</i>	-1.82	
			<i>For >500, Deduct</i>	-2.18	
05 05 23 00-0976	EA		1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt 20.29		
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0977	EA		1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 21.30		
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0978	EA		1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt 22.79		
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0979	EA		1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 24.32		
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0980	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt 24.40		
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0981	EA		1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 28.39		
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.27	
05 05 23 00-0982	EA		1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt 33.57		
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0983	EA		1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 34.31		
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0984	EA		1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt 35.07		
			<i>For >100 To 250, Deduct</i>	-1.54	
			<i>For >250 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.31	
05 05 23 00-0985	EA		1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 36.71		
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0986	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt 39.01		
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0987	EA		1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt 49.45		
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0988	EA		1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt 61.63		
			<i>For >100 To 250, Deduct</i>	-1.57	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0989			316 Stainless Steel, Hex Head Bolts (05 05 23 00-0997)		
05 05 23 00-0990			1/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-0991	EA		1/4" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt 5.22		
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0992	EA		1/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 5.33		
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0993	EA		1/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 5.41		
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0994	EA		1/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt 5.47		
			<i>For >100 To 250, Deduct</i>	-1.00	
			<i>For >250 To 500, Deduct</i>	-1.25	
			<i>For >500, Deduct</i>	-1.49	
05 05 23 00-0995	EA		1/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt 5.76		
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0996	EA		1/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt 5.91		
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.28	
			<i>For >500, Deduct</i>	-1.54	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-0997	EA	1/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.05	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-0998	EA	1/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	6.30	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-0999	EA	1/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.42	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-1000	EA	1/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	6.48	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-1001	EA	1/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.99	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-1002	EA	1/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	7.09	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-1003	EA	1/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.75	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	
05 05 23 00-1004	EA	1/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	15.33	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-1005	EA	1/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.10	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	
05 05 23 00-1006	EA	1/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	27.32	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.39	
		<i>For >500, Deduct</i>	-1.67	

05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)

05 05 23 00-1008	EA	5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.37	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-1009	EA	5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	5.50	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-1010	EA	5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	5.71	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-1011	EA	5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	5.86	
		<i>For >100 To 250, Deduct</i>	-1.00	
		<i>For >250 To 500, Deduct</i>	-1.25	
		<i>For >500, Deduct</i>	-1.49	
05 05 23 00-1012	EA	5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.07	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-1013	EA	5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	6.40	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-1014	EA	5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	6.62	
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.28	
		<i>For >500, Deduct</i>	-1.54	
05 05 23 00-1015	EA	5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	6.86	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-1016	EA	5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.34	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-1017	EA	5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	7.44	
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.58	
05 05 23 00-1018	EA	5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.92	
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500, Deduct</i>	-1.62	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt 8.30 <i>For >100 To 250, Deduct</i> -1.08 <i>For >250 To 500, Deduct</i> -1.35 <i>For >500, Deduct</i> -1.62		
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt 11.41 <i>For >100 To 250, Deduct</i> -1.08 <i>For >250 To 500, Deduct</i> -1.35 <i>For >500, Deduct</i> -1.62		
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt 15.98 <i>For >100 To 250, Deduct</i> -1.11 <i>For >250 To 500, Deduct</i> -1.39 <i>For >500, Deduct</i> -1.67		
05 05 23 00-1022		3/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999) 5.70		
05 05 23 00-1023	EA	3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt 5.70 <i>For >100 To 250, Deduct</i> -1.00 <i>For >250 To 500, Deduct</i> -1.25 <i>For >500, Deduct</i> -1.49		
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 5.75 <i>For >100 To 250, Deduct</i> -1.00 <i>For >250 To 500, Deduct</i> -1.25 <i>For >500, Deduct</i> -1.49		
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 5.95 <i>For >100 To 250, Deduct</i> -1.00 <i>For >250 To 500, Deduct</i> -1.25 <i>For >500, Deduct</i> -1.49		
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt 6.41 <i>For >100 To 250, Deduct</i> -1.00 <i>For >250 To 500, Deduct</i> -1.25 <i>For >500, Deduct</i> -1.49		
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt 6.72 <i>For >100 To 250, Deduct</i> -1.02 <i>For >250 To 500, Deduct</i> -1.28 <i>For >500, Deduct</i> -1.54		
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt 6.80 <i>For >100 To 250, Deduct</i> -1.02 <i>For >250 To 500, Deduct</i> -1.28 <i>For >500, Deduct</i> -1.54		
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt 7.20 <i>For >100 To 250, Deduct</i> -1.02 <i>For >250 To 500, Deduct</i> -1.28 <i>For >500, Deduct</i> -1.54		
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt 7.40 <i>For >100 To 250, Deduct</i> -1.05 <i>For >250 To 500, Deduct</i> -1.32 <i>For >500, Deduct</i> -1.58		
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt 7.66 <i>For >100 To 250, Deduct</i> -1.05 <i>For >250 To 500, Deduct</i> -1.32 <i>For >500, Deduct</i> -1.58		
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt 7.83 <i>For >100 To 250, Deduct</i> -1.05 <i>For >250 To 500, Deduct</i> -1.32 <i>For >500, Deduct</i> -1.58		
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt 8.55 <i>For >100 To 250, Deduct</i> -1.08 <i>For >250 To 500, Deduct</i> -1.35 <i>For >500, Deduct</i> -1.62		
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt 9.23 <i>For >100 To 250, Deduct</i> -1.08 <i>For >250 To 500, Deduct</i> -1.35 <i>For >500, Deduct</i> -1.62		
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt 9.26 <i>For >100 To 250, Deduct</i> -1.08 <i>For >250 To 500, Deduct</i> -1.35 <i>For >500, Deduct</i> -1.62		
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt 11.14 <i>For >100 To 250, Deduct</i> -1.11 <i>For >250 To 500, Deduct</i> -1.39 <i>For >500, Deduct</i> -1.67		
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt 13.96 <i>For >100 To 250, Deduct</i> -1.11 <i>For >250 To 500, Deduct</i> -1.39 <i>For >500, Deduct</i> -1.67		
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt 17.00 <i>For >100 To 250, Deduct</i> -1.11 <i>For >250 To 500, Deduct</i> -1.39 <i>For >500, Deduct</i> -1.67		
05 05 23 00-1039		7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999) 7.20		
05 05 23 00-1040	EA	7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 7.20 <i>For >100 To 250, Deduct</i> -1.14 <i>For >250 To 500, Deduct</i> -1.43 <i>For >500, Deduct</i> -1.71		
05 05 23 00-1041	EA	7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 7.49 <i>For >100 To 250, Deduct</i> -1.14 <i>For >250 To 500, Deduct</i> -1.43 <i>For >500, Deduct</i> -1.71		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1042	EA 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	8.04	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-1043	EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.65	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1044	EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	9.18	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1045	EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.04	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1046	EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	11.00	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1047	EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.16	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1048	EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	11.47	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1049	EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.82	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-1050	EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	12.04	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-1051	EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.27	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	
05 05 23 00-1052	EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	12.59	
	<i>For >100 To 250, Deduct</i>	-1.25	
	<i>For >250 To 500, Deduct</i>	-1.57	
	<i>For >500, Deduct</i>	-1.88	
05 05 23 00-1053	1/2" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)	7.18	
05 05 23 00-1054	EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt.....	7.18	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-1055	EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	7.50	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-1056	EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	7.94	
	<i>For >100 To 250, Deduct</i>	-1.14	
	<i>For >250 To 500, Deduct</i>	-1.43	
	<i>For >500, Deduct</i>	-1.71	
05 05 23 00-1057	EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.61	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1058	EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	9.10	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1059	EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.22	
	<i>For >100 To 250, Deduct</i>	-1.17	
	<i>For >250 To 500, Deduct</i>	-1.46	
	<i>For >500, Deduct</i>	-1.75	
05 05 23 00-1060	EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	9.56	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1061	EA 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.50	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1062	EA 1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	12.40	
	<i>For >100 To 250, Deduct</i>	-1.20	
	<i>For >250 To 500, Deduct</i>	-1.50	
	<i>For >500, Deduct</i>	-1.79	
05 05 23 00-1063	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.68	
	<i>For >100 To 250, Deduct</i>	-1.22	
	<i>For >250 To 500, Deduct</i>	-1.53	
	<i>For >500, Deduct</i>	-1.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1064	EA		1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt 12.98 <i>For >100 To 250, Deduct</i> -1.22 <i>For >250 To 500, Deduct</i> -1.53 <i>For >500, Deduct</i> -1.84		
05 05 23 00-1065	EA		1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt 15.34 <i>For >100 To 250, Deduct</i> -1.22 <i>For >250 To 500, Deduct</i> -1.53 <i>For >500, Deduct</i> -1.84		
05 05 23 00-1066	EA		1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt 17.05 <i>For >100 To 250, Deduct</i> -1.25 <i>For >250 To 500, Deduct</i> -1.57 <i>For >500, Deduct</i> -1.88		
05 05 23 00-1067	EA		1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt 18.07 <i>For >100 To 250, Deduct</i> -1.25 <i>For >250 To 500, Deduct</i> -1.57 <i>For >500, Deduct</i> -1.88		
05 05 23 00-1068	EA		1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt 19.76 <i>For >100 To 250, Deduct</i> -1.25 <i>For >250 To 500, Deduct</i> -1.57 <i>For >500, Deduct</i> -1.88		
05 05 23 00-1069	EA		1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt 24.37 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.92		
05 05 23 00-1070	EA		1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt 27.25 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.92		
05 05 23 00-1071	EA		1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt 27.73 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.92		
05 05 23 00-1072	EA		1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt 28.46 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.92		
05 05 23 00-1073			9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074	EA		9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 15.08 <i>For >100 To 250, Deduct</i> -1.14 <i>For >250 To 500, Deduct</i> -1.43 <i>For >500, Deduct</i> -1.71		
05 05 23 00-1075	EA		9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 16.11 <i>For >100 To 250, Deduct</i> -1.14 <i>For >250 To 500, Deduct</i> -1.43 <i>For >500, Deduct</i> -1.71		
05 05 23 00-1076	EA		9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt 19.58 <i>For >100 To 250, Deduct</i> -1.14 <i>For >250 To 500, Deduct</i> -1.43 <i>For >500, Deduct</i> -1.71		
05 05 23 00-1077	EA		9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt 21.66 <i>For >100 To 250, Deduct</i> -1.17 <i>For >250 To 500, Deduct</i> -1.46 <i>For >500, Deduct</i> -1.75		
05 05 23 00-1078	EA		9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt 23.70 <i>For >100 To 250, Deduct</i> -1.17 <i>For >250 To 500, Deduct</i> -1.46 <i>For >500, Deduct</i> -1.75		
05 05 23 00-1079	EA		9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt 25.75 <i>For >100 To 250, Deduct</i> -1.17 <i>For >250 To 500, Deduct</i> -1.46 <i>For >500, Deduct</i> -1.75		
05 05 23 00-1080	EA		9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt 27.17 <i>For >100 To 250, Deduct</i> -1.20 <i>For >250 To 500, Deduct</i> -1.50 <i>For >500, Deduct</i> -1.79		
05 05 23 00-1081	EA		9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt 28.86 <i>For >100 To 250, Deduct</i> -1.20 <i>For >250 To 500, Deduct</i> -1.50 <i>For >500, Deduct</i> -1.79		
05 05 23 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt 30.36 <i>For >100 To 250, Deduct</i> -1.20 <i>For >250 To 500, Deduct</i> -1.50 <i>For >500, Deduct</i> -1.79		
05 05 23 00-1083	EA		9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt 30.94 <i>For >100 To 250, Deduct</i> -1.22 <i>For >250 To 500, Deduct</i> -1.53 <i>For >500, Deduct</i> -1.84		
05 05 23 00-1084	EA		9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt 32.26 <i>For >100 To 250, Deduct</i> -1.22 <i>For >250 To 500, Deduct</i> -1.53 <i>For >500, Deduct</i> -1.84		
05 05 23 00-1085			5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1086	EA		5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 9.50 <i>For >100 To 250, Deduct</i> -1.28 <i>For >250 To 500, Deduct</i> -1.60 <i>For >500, Deduct</i> -1.92		

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1087	EA	5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.59	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-1088	EA	5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.62	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-1089	EA	5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	10.35	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1090	EA	5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	10.96	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1091	EA	5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.89	
		<i>For >100 To 250, Deduct</i>	-1.31	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500, Deduct</i>	-1.97	
05 05 23 00-1092	EA	5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	13.43	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-1093	EA	5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.12	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-1094	EA	5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	15.71	
		<i>For >100 To 250, Deduct</i>	-1.34	
		<i>For >250 To 500, Deduct</i>	-1.67	
		<i>For >500, Deduct</i>	-2.01	
05 05 23 00-1095	EA	5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.95	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-1096	EA	5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.43	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-1097	EA	5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.39	
		<i>For >100 To 250, Deduct</i>	-1.37	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.05	
05 05 23 00-1098	EA	5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	21.59	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-1099	EA	5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.97	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-1100	EA	5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	23.35	
		<i>For >100 To 250, Deduct</i>	-1.39	
		<i>For >250 To 500, Deduct</i>	-1.74	
		<i>For >500, Deduct</i>	-2.09	
05 05 23 00-1101	EA	5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.73	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-1102	EA	5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	25.91	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-1103	EA	5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.49	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-1104	EA	5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	37.45	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500, Deduct</i>	-2.13	
05 05 23 00-1105		3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1106	EA	3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.85	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-1107	EA	3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.06	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	
05 05 23 00-1108	EA	3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	12.86	
		<i>For >100 To 250, Deduct</i>	-1.28	
		<i>For >250 To 500, Deduct</i>	-1.60	
		<i>For >500, Deduct</i>	-1.92	

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

05 05 23 00-1109	EA	3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.71	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-1110	EA	3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	15.21	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-1111	EA	3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.07	
		For >100 To 250, Deduct	-1.31	
		For >250 To 500, Deduct	-1.64	
		For >500, Deduct	-1.97	
05 05 23 00-1112	EA	3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.07	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.01	
05 05 23 00-1113	EA	3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.83	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.01	
05 05 23 00-1114	EA	3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	19.25	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-1.67	
		For >500, Deduct	-2.01	
05 05 23 00-1115	EA	3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.95	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1116	EA	3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	20.91	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1117	EA	3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.87	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1118	EA	3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	28.29	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.74	
		For >500, Deduct	-2.09	
05 05 23 00-1119	EA	3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.61	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.74	
		For >500, Deduct	-2.09	
05 05 23 00-1120	EA	3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	32.12	
		For >100 To 250, Deduct	-1.39	
		For >250 To 500, Deduct	-1.74	
		For >500, Deduct	-2.09	
05 05 23 00-1121	EA	3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.26	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	
05 05 23 00-1122	EA	3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	39.31	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	
05 05 23 00-1123	EA	3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.73	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	
05 05 23 00-1124	EA	3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	40.80	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	

05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1126	EA	7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.31	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	
05 05 23 00-1127	EA	7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.70	
		For >100 To 250, Deduct	-1.42	
		For >250 To 500, Deduct	-1.78	
		For >500, Deduct	-2.13	
05 05 23 00-1128	EA	7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.61	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.82	
		For >500, Deduct	-2.18	
05 05 23 00-1129	EA	7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.55	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.82	
		For >500, Deduct	-2.18	
05 05 23 00-1130	EA	7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.42	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.82	
		For >500, Deduct	-2.18	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1131	EA 7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	19.33	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1132	EA 7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.51	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1133	EA 7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	23.16	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1134	EA 7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.37	
	For >100 To 250, Deduct	-1.51	
	For >250 To 500, Deduct	-1.89	
	For >500, Deduct	-2.27	
05 05 23 00-1135	EA 7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt.....	24.25	
	For >100 To 250, Deduct	-1.51	
	For >250 To 500, Deduct	-1.89	
	For >500, Deduct	-2.27	
05 05 23 00-1136	EA 7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.65	
	For >100 To 250, Deduct	-1.51	
	For >250 To 500, Deduct	-1.89	
	For >500, Deduct	-2.27	
05 05 23 00-1137	EA 7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt.....	35.07	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.31	
05 05 23 00-1138	EA 7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	38.58	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.31	
05 05 23 00-1139	EA 7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt.....	40.31	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.92	
	For >500, Deduct	-2.31	
05 05 23 00-1140	EA 7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.71	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1141	EA 7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt.....	44.21	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1142	EA 7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.71	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	
05 05 23 00-1143	EA 7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt.....	47.39	
	For >100 To 250, Deduct	-1.57	
	For >250 To 500, Deduct	-1.96	
	For >500, Deduct	-2.35	

05 05 23 00-1144 1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)

05 05 23 00-1145	EA 1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt.....	16.37	
	For >100 To 250, Deduct	-1.42	
	For >250 To 500, Deduct	-1.78	
	For >500, Deduct	-2.13	
05 05 23 00-1146	EA 1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.65	
	For >100 To 250, Deduct	-1.45	
	For >250 To 500, Deduct	-1.82	
	For >500, Deduct	-2.18	
05 05 23 00-1147	EA 1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt.....	20.08	
	For >100 To 250, Deduct	-1.45	
	For >250 To 500, Deduct	-1.82	
	For >500, Deduct	-2.18	
05 05 23 00-1148	EA 1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.37	
	For >100 To 250, Deduct	-1.45	
	For >250 To 500, Deduct	-1.82	
	For >500, Deduct	-2.18	
05 05 23 00-1149	EA 1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt.....	23.34	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1150	EA 1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.89	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1151	EA 1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt.....	26.46	
	For >100 To 250, Deduct	-1.48	
	For >250 To 500, Deduct	-1.85	
	For >500, Deduct	-2.22	
05 05 23 00-1152	EA 1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	28.17	
	For >100 To 250, Deduct	-1.51	
	For >250 To 500, Deduct	-1.89	
	For >500, Deduct	-2.27	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	32.23	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.21	
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-1.89	
		<i>For >500, Deduct</i>	-2.27	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	41.81	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.41	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	47.07	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-1.92	
		<i>For >500, Deduct</i>	-2.31	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.71	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	49.33	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.95	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	64.31	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	

05 05 23 00-1162 Screws (05 05 23)
05 05 23 00-1163 Teks® 5 Self Drilling Screws (05 05 23 00-1162)

Note: Screws include Climaseal® finish, self-drill point and tapping threads.

05 05 23 00-1164	EA	12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	2.64	
		<i>For >10 To 50, Deduct</i>	-0.12	
		<i>For >50 To 100, Deduct</i>	-0.24	
		<i>For >100, Deduct</i>	-0.49	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	2.73	
		<i>For >10 To 50, Deduct</i>	-0.12	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100, Deduct</i>	-0.49	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.02	
		<i>For >10 To 50, Deduct</i>	-0.13	
		<i>For >50 To 100, Deduct</i>	-0.27	
		<i>For >100, Deduct</i>	-0.53	
05 05 23 00-1167	EA	1/4"-28 x 3", Hex Washer Head, Teks® 5 Self Drilling Screw	4.09	
		<i>For >10 To 50, Deduct</i>	-0.16	
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100, Deduct</i>	-0.68	
05 05 23 00-1168	EA	1/4"-28 x 4", Hex Washer Head, Teks® 5 Self Drilling Screw	4.35	
		<i>For >10 To 50, Deduct</i>	-0.17	
		<i>For >50 To 100, Deduct</i>	-0.36	
		<i>For >100, Deduct</i>	-0.72	
05 05 23 00-1169	EA	1/4"-28 x 6", Hex Washer Head, Teks® 5 Self Drilling Screw	5.26	
		<i>For >10 To 50, Deduct</i>	-0.17	
		<i>For >50 To 100, Deduct</i>	-0.39	
		<i>For >100, Deduct</i>	-0.79	
05 05 23 00-1170	EA	1/4"-28 x 8", Hex Washer Head, Teks® 5 Self Drilling Screw	5.84	
		<i>For >10 To 50, Deduct</i>	-0.18	
		<i>For >50 To 100, Deduct</i>	-0.42	
		<i>For >100, Deduct</i>	-0.84	

05 05 23 00-1171 Security Screws (05 05 23 00-1162)
05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)

Note: Includes "security" style drive in machine or sheet metal screw threads.

05 05 23 00-1173	EA	#4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	2.07	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.20	
		<i>For >100, Deduct</i>	-0.40	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.29	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.41	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.47	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.53	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	2.65	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.33	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.42	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.61	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	2.66	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.39	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.41	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.49	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.42	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	2.74	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100, Deduct</i>	-0.44	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.53	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	2.59	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100, Deduct</i>	-0.43	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	2.83	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100, Deduct</i>	-0.44	
05 05 23 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	3.21	
		<i>For >10 To 50, Deduct</i>	-0.10	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100, Deduct</i>	-0.46	
05 05 23 00-1190	Threaded Rod <small>(05 05 23)</small>			
	Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.			
05 05 23 00-1191	Plain Finish Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>			
05 05 23 00-1192	LF	1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	1.60	0.43
		<i>For Left Hand Threaded Rod, Add</i>	0.07	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.06	0.48
		<i>For Left Hand Threaded Rod, Add</i>	0.11	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.38	0.55
		<i>For Left Hand Threaded Rod, Add</i>	0.13	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.14	0.56
		<i>For Left Hand Threaded Rod, Add</i>	0.20	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.21	0.58
		<i>For Left Hand Threaded Rod, Add</i>	0.21	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.92	0.59
		<i>For Left Hand Threaded Rod, Add</i>	0.27	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.38	0.60
		<i>For Left Hand Threaded Rod, Add</i>	0.32	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.02	0.61
		<i>For Left Hand Threaded Rod, Add</i>	0.58	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.63	0.64
		<i>For Left Hand Threaded Rod, Add</i>	0.64	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.37	0.72
		<i>For Left Hand Threaded Rod, Add</i>	0.89	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.86	0.81
		<i>For Left Hand Threaded Rod, Add</i>	1.13	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	16.98	0.88
		<i>For Left Hand Threaded Rod, Add</i>	1.52	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	21.04	0.95
		<i>For Left Hand Threaded Rod, Add</i>	1.92	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1205	LF			1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	25.10 2.31	0.99
05 05 23 00-1206	LF			1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	30.70 2.86	1.04
05 05 23 00-1207	LF			2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	39.10 3.69	1.09
05 05 23 00-1208 Zinc Plated Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1209	LF			1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	1.62 0.07	0.43
05 05 23 00-1210	LF			5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	2.30 0.13	0.48
05 05 23 00-1211	LF			3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	2.56 0.15	0.55
05 05 23 00-1212	LF			7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	3.59 0.25	0.56
05 05 23 00-1213	LF			1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	3.85 0.27	0.58
05 05 23 00-1214	LF			9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	4.96 0.38	0.59
05 05 23 00-1215	LF			5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	5.25 0.41	0.60
05 05 23 00-1216	LF			3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	7.77 0.65	0.61
05 05 23 00-1217	LF			7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	9.97 0.87	0.64
05 05 23 00-1218	LF			1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	13.32 1.19	0.72
05 05 23 00-1219	LF			1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	17.13 1.55	0.81
05 05 23 00-1220	LF			1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	20.42 1.86	0.88
05 05 23 00-1221	LF			1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	23.17 2.13	0.95
05 05 23 00-1222	LF			1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	29.09 2.71	0.99
05 05 23 00-1223	LF			1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	35.95 3.39	1.04
05 05 23 00-1224	LF			2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	52.25 5.01	1.09
05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1226	LF			3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	4.05 0.30	0.55
05 05 23 00-1227	LF			1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	5.59 0.44	0.58
05 05 23 00-1228	LF			5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	7.45 0.63	0.60
05 05 23 00-1229	LF			3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	10.14 0.89	0.61
05 05 23 00-1230	LF			7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	13.93 1.27	0.64
05 05 23 00-1231	LF			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	17.92 1.65	0.72
05 05 23 00-1232	LF			1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	23.50 2.19	0.81
05 05 23 00-1233	LF			1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	30.83 2.90	0.88
05 05 23 00-1234	LF			1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	34.43 3.25	0.95
05 05 23 00-1235	LF			1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	40.92 3.89	0.99
05 05 23 00-1236	LF			1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	49.64 4.76	1.04
05 05 23 00-1237	LF			2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	86.30 8.41	1.09
05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod <small>(05 05 23 00-1190)</small>						
05 05 23 00-1239	LF			1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	2.01 0.11	0.43
05 05 23 00-1240	LF			5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	2.90 0.19	0.48
05 05 23 00-1241	LF			3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	3.67 0.26	0.55
05 05 23 00-1242	LF			7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	4.97 0.38	0.56
05 05 23 00-1243	LF			1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	5.90 0.47	0.58
05 05 23 00-1244	LF			9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	8.31 0.71	0.59
05 05 23 00-1245	LF			5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	8.66 0.75	0.60
05 05 23 00-1246	LF			3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	11.98 1.07	0.61

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1247	LF	7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	16.33	0.64
		<i>For Left Hand Threaded Rod, Add</i>	1.51	
05 05 23 00-1248	LF	1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.88	0.72
		<i>For Left Hand Threaded Rod, Add</i>	1.94	
05 05 23 00-1249	LF	1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	43.76	0.88
		<i>For Left Hand Threaded Rod, Add</i>	4.20	
05 05 23 00-1250	LF	1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	66.37	0.99
		<i>For Left Hand Threaded Rod, Add</i>	6.44	
05 05 23 00-1251	LF	1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	68.28	1.04
		<i>For Left Hand Threaded Rod, Add</i>	6.62	
05 05 23 00-1252	LF	2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	94.23	1.09
		<i>For Left Hand Threaded Rod, Add</i>	9.21	
05 05 23 00-1253 316 Stainless Steel Threaded Rod (05 05 23 00-1190)				
05 05 23 00-1254	LF	1/4" Diameter, 316 Stainless Steel Threaded Rod.....	2.78	0.43
		<i>For Left Hand Threaded Rod, Add</i>	0.19	
05 05 23 00-1255	LF	5/16" Diameter, 316 Stainless Steel Threaded Rod.....	4.31	0.48
		<i>For Left Hand Threaded Rod, Add</i>	0.34	
05 05 23 00-1256	LF	3/8" Diameter, 316 Stainless Steel Threaded Rod.....	5.65	0.55
		<i>For Left Hand Threaded Rod, Add</i>	0.46	
05 05 23 00-1257	LF	7/16" Diameter, 316 Stainless Steel Threaded Rod.....	8.63	0.56
		<i>For Left Hand Threaded Rod, Add</i>	0.75	
05 05 23 00-1258	LF	1/2" Diameter, 316 Stainless Steel Threaded Rod.....	9.14	0.58
		<i>For Left Hand Threaded Rod, Add</i>	0.80	
05 05 23 00-1259	LF	9/16" Diameter, 316 Stainless Steel Threaded Rod.....	11.87	0.59
		<i>For Left Hand Threaded Rod, Add</i>	1.07	
05 05 23 00-1260	LF	5/8" Diameter, 316 Stainless Steel Threaded Rod.....	12.75	0.60
		<i>For Left Hand Threaded Rod, Add</i>	1.16	
05 05 23 00-1261	LF	3/4" Diameter, 316 Stainless Steel Threaded Rod.....	18.41	0.61
		<i>For Left Hand Threaded Rod, Add</i>	1.72	
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod.....	25.06	0.64
		<i>For Left Hand Threaded Rod, Add</i>	2.38	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod.....	31.65	0.72
		<i>For Left Hand Threaded Rod, Add</i>	3.02	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod.....	66.39	0.88
		<i>For Left Hand Threaded Rod, Add</i>	6.46	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod.....	86.89	0.99
		<i>For Left Hand Threaded Rod, Add</i>	8.49	
05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)				
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	2.63	0.43
		<i>For Zinc Plating, Add</i>	0.88	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	3.95	0.48
		<i>For Zinc Plating, Add</i>	1.50	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	4.16	0.55
		<i>For Zinc Plating, Add</i>	1.54	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	4.53	0.56
		<i>For Zinc Plating, Add</i>	1.70	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	4.97	0.58
		<i>For Zinc Plating, Add</i>	1.91	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	6.14	0.59
		<i>For Zinc Plating, Add</i>	2.48	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	6.34	0.60
		<i>For Zinc Plating, Add</i>	2.57	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	8.34	0.61
		<i>For Zinc Plating, Add</i>	3.55	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	9.95	0.64
		<i>For Zinc Plating, Add</i>	4.34	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	12.86	0.72
		<i>For Zinc Plating, Add</i>	5.71	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	16.68	0.81
		<i>For Zinc Plating, Add</i>	7.54	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	18.57	0.88
		<i>For Zinc Plating, Add</i>	8.38	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	21.39	0.95
		<i>For Zinc Plating, Add</i>	9.75	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	25.94	0.99
		<i>For Zinc Plating, Add</i>	11.98	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	26.82	1.04
		<i>For Zinc Plating, Add</i>	12.38	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	35.87	1.09
		<i>For Zinc Plating, Add</i>	16.85	
05 05 23 00-1283 Nuts And Washers (05 05 23)				
05 05 23 00-1284 Hex Nuts (05 05 23 00-1283)				
05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)				
05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.43	0.20
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.48	0.20
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.51	0.20
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.59	0.20
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.63	0.20
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.81	0.20
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.85	0.20

			DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1293	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.99	0.39
05 05 23 00-1294	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.40	0.39
05 05 23 00-1295	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.77	0.39
05 05 23 00-1296	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.85	0.39
05 05 23 00-1297	EA		1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	3.48	0.39
05 05 23 00-1298	EA		1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.05	0.39
05 05 23 00-1299	EA		1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.84	0.59
05 05 23 00-1300	EA		1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	8.51	0.59
05 05 23 00-1301	EA		2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	12.23	0.59
05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1303	EA		1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.44	0.20
05 05 23 00-1304	EA		5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.49	0.20
05 05 23 00-1305	EA		3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.53	0.20
05 05 23 00-1306	EA		7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.61	0.20
05 05 23 00-1307	EA		1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.70	0.20
05 05 23 00-1308	EA		9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.83	0.20
05 05 23 00-1309	EA		5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.86	0.20
05 05 23 00-1310	EA		3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.11	0.39
05 05 23 00-1311	EA		7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.52	0.39
05 05 23 00-1312	EA		1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	2.12	0.39
05 05 23 00-1313	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	3.20	0.39
05 05 23 00-1314	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	4.50	0.39
05 05 23 00-1315	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	6.54	0.39
05 05 23 00-1316	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	7.22	0.59
05 05 23 00-1317	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	12.91	0.59
05 05 23 00-1318	EA		2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	18.44	0.59
05 05 23 00-1319 Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1320	EA		1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.45	0.20
05 05 23 00-1321	EA		5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.52	0.20
05 05 23 00-1322	EA		3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.56	0.20
05 05 23 00-1323	EA		7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.68	0.20
05 05 23 00-1324	EA		1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.80	0.20
05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.95	0.20
05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.08	0.20
05 05 23 00-1327	EA		3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.32	0.39
05 05 23 00-1328	EA		7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.94	0.39
05 05 23 00-1329	EA		1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	2.55	0.39
05 05 23 00-1330	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	3.96	0.39
05 05 23 00-1331	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	4.94	0.39
05 05 23 00-1332	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	8.04	0.39
05 05 23 00-1333	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	8.54	0.59
05 05 23 00-1334	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	12.95	0.59
05 05 23 00-1335	EA		2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	18.24	0.59
05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1337	EA		1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.45	0.20
05 05 23 00-1338	EA		5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.51	0.20
05 05 23 00-1339	EA		3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.55	0.20
05 05 23 00-1340	EA		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.67	0.20
05 05 23 00-1341	EA		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.76	0.20
05 05 23 00-1342	EA		9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.84	0.20
05 05 23 00-1343	EA		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.93	0.20
05 05 23 00-1344	EA		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.21	0.39
05 05 23 00-1345	EA		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.72	0.39
05 05 23 00-1346	EA		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	2.35	0.39
05 05 23 00-1347	EA		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	3.83	0.39
05 05 23 00-1348	EA		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	4.91	0.39
05 05 23 00-1349	EA		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	7.22	0.39
05 05 23 00-1350	EA		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	8.41	0.59
05 05 23 00-1351	EA		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	14.56	0.59
05 05 23 00-1352	EA		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	25.07	0.59
05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)					
05 05 23 00-1354	EA		1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.48	0.20
05 05 23 00-1355	EA		5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.57	0.20
05 05 23 00-1356	EA		3/8" Diameter, 304 Stainless Steel Hex Nut.....	0.63	0.20
05 05 23 00-1357	EA		7/16" Diameter, 304 Stainless Steel Hex Nut.....	0.88	0.20
05 05 23 00-1358	EA		1/2" Diameter, 304 Stainless Steel Hex Nut.....	0.95	0.20
05 05 23 00-1359	EA		9/16" Diameter, 304 Stainless Steel Hex Nut.....	1.38	0.20
05 05 23 00-1360	EA		5/8" Diameter, 304 Stainless Steel Hex Nut.....	1.53	0.20
05 05 23 00-1361	EA		3/4" Diameter, 304 Stainless Steel Hex Nut.....	1.75	0.39
05 05 23 00-1362	EA		7/8" Diameter, 304 Stainless Steel Hex Nut.....	2.77	0.39
05 05 23 00-1363	EA		1" Diameter, 304 Stainless Steel Hex Nut.....	4.20	0.39
05 05 23 00-1364	EA		1-1/4" Diameter, 304 Stainless Steel Hex Nut.....	9.92	0.39
05 05 23 00-1365	EA		1-1/2" Diameter, 304 Stainless Steel Hex Nut.....	18.88	0.59
05 05 23 00-1366	EA		1-3/4" Diameter, 304 Stainless Steel Hex Nut.....	33.04	0.59
05 05 23 00-1367	EA		2" Diameter, 304 Stainless Steel Hex Nut.....	46.99	0.59

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT DEMOLITION	
		UNIT COST	UNIT COST
05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)			
05 05 23 00-1369	EA 1/4" Diameter, 316 Stainless Steel Hex Nut.....	0.55	0.20
05 05 23 00-1370	EA 5/16" Diameter, 316 Stainless Steel Hex Nut.....	0.62	0.20
05 05 23 00-1371	EA 3/8" Diameter, 316 Stainless Steel Hex Nut.....	0.73	0.20
05 05 23 00-1372	EA 7/16" Diameter, 316 Stainless Steel Hex Nut.....	1.12	0.20
05 05 23 00-1373	EA 1/2" Diameter, 316 Stainless Steel Hex Nut.....	1.20	0.20
05 05 23 00-1374	EA 9/16" Diameter, 316 Stainless Steel Hex Nut.....	1.59	0.20
05 05 23 00-1375	EA 5/8" Diameter, 316 Stainless Steel Hex Nut.....	1.79	0.20
05 05 23 00-1376	EA 3/4" Diameter, 316 Stainless Steel Hex Nut.....	2.45	0.39
05 05 23 00-1377	EA 7/8" Diameter, 316 Stainless Steel Hex Nut.....	3.34	0.39
05 05 23 00-1378	EA 1" Diameter, 316 Stainless Steel Hex Nut.....	5.11	0.39
05 05 23 00-1379	EA 1-1/4" Diameter, 316 Stainless Steel Hex Nut	15.27	0.39
05 05 23 00-1380	EA 1-1/2" Diameter, 316 Stainless Steel Hex Nut	24.58	0.59
05 05 23 00-1381	EA 1-3/4" Diameter, 316 Stainless Steel Hex Nut	41.35	0.59
05 05 23 00-1382	EA 2" Diameter, 316 Stainless Steel Hex Nut.....	76.66	0.59
05 05 23 00-1383 Flat Washers (05 05 23 00-1283)			
05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)			
05 05 23 00-1385	EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.03	
05 05 23 00-1386	EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.04	
05 05 23 00-1387	EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.08	
05 05 23 00-1388	EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.12	
05 05 23 00-1389	EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.17	
05 05 23 00-1390	EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.19	
05 05 23 00-1391	EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.33	
05 05 23 00-1392	EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.47	
05 05 23 00-1393	EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.56	
05 05 23 00-1394	EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.68	
05 05 23 00-1395	EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.77	
05 05 23 00-1396	EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.92	
05 05 23 00-1397	EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.45	
05 05 23 00-1398	EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	1.48	
05 05 23 00-1399	EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.20	
05 05 23 00-1400	EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.73	
05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)			
05 05 23 00-1402	EA 1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.10	
05 05 23 00-1403	EA 5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.14	
05 05 23 00-1404	EA 3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.16	
05 05 23 00-1405	EA 7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.21	
05 05 23 00-1406	EA 1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.29	
05 05 23 00-1407	EA 9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.47	
05 05 23 00-1408	EA 5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.67	
05 05 23 00-1409	EA 3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.94	
05 05 23 00-1410	EA 7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.58	
05 05 23 00-1411	EA 1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.75	
05 05 23 00-1412	EA 1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	2.54	
05 05 23 00-1413	EA 1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	2.78	
05 05 23 00-1414	EA 1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.66	
05 05 23 00-1415	EA 1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	4.18	
05 05 23 00-1416	EA 1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.62	
05 05 23 00-1417	EA 2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	6.75	
05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)			
05 05 23 00-1419	EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.07	
05 05 23 00-1420	EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.09	
05 05 23 00-1421	EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.11	
05 05 23 00-1422	EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.20	
05 05 23 00-1423	EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.25	
05 05 23 00-1424	EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.41	
05 05 23 00-1425	EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.46	
05 05 23 00-1426	EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.70	
05 05 23 00-1427	EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.98	
05 05 23 00-1428	EA 1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.08	
05 05 23 00-1429	EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.65	
05 05 23 00-1430	EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.84	
05 05 23 00-1431	EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.62	
05 05 23 00-1432	EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.84	
05 05 23 00-1433	EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	4.12	
05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)			
05 05 23 00-1435	EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.07	
05 05 23 00-1436	EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.09	
05 05 23 00-1437	EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.13	
05 05 23 00-1438	EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.25	
05 05 23 00-1439	EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.45	
05 05 23 00-1440	EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.56	
05 05 23 00-1441	EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.82	
05 05 23 00-1442	EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.84	

		MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		1.77	
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		2.24	
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		2.61	
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		2.81	
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		2.97	
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		3.62	
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		4.50	
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer		8.84	
05 05 23 00-1451		316 Stainless Steel Flat Washers (05 05 23 00-1383)			
05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer		0.14	
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer		0.15	
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer		0.27	
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer		0.32	
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer		0.58	
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer		1.05	
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer		1.24	
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer		1.56	
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer		2.42	
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer		2.70	
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer		3.08	
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer		3.79	
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer		4.00	
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer		4.10	
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer		6.00	
05 05 23 00-1467		Lock Washers (05 05 23 00-1283)			
05 05 23 00-1468		Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)			
05 05 23 00-1469	EA	1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.01	
05 05 23 00-1470	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.02	
05 05 23 00-1471	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.03	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.05	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.07	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.11	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.12	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.19	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.31	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.56	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		0.82	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		1.25	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		1.98	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		2.33	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		4.16	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer		4.69	
05 05 23 00-1485		Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1467)			
05 05 23 00-1486	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.05	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.06	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.08	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.09	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.14	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.18	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.21	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.36	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.52	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		0.82	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		1.48	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		1.76	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		2.54	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		2.91	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		3.94	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer		5.36	
05 05 23 00-1502		304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)			
05 05 23 00-1503	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.06	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.08	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.12	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.22	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.24	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.58	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.68	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		0.80	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		1.44	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		2.03	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		3.55	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		4.72	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		6.00	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer		7.20	

05 Metals

05 05 Common Work Results For Metals

05 05 23 Metal Fastenings

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1517 316 Stainless Steel Lock Washers (05 05 23 00-1467)			
05 05 23 00-1518	EA 1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.07	
05 05 23 00-1519	EA 5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.16	
05 05 23 00-1520	EA 3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.18	
05 05 23 00-1521	EA 7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.31	
05 05 23 00-1522	EA 1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.34	
05 05 23 00-1523	EA 9/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.62	
05 05 23 00-1524	EA 5/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.68	
05 05 23 00-1525	EA 3/4" Inside Diameter, 316 Stainless Steel Lock Washer	1.17	
05 05 23 00-1526	EA 7/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.94	
05 05 23 00-1527	EA 1" Inside Diameter, 316 Stainless Steel Lock Washer	2.63	
05 05 23 00-1528	EA 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	3.68	
05 05 23 00-1529	EA 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	5.66	
05 05 23 00-1530	EA 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	10.12	
05 05 23 00-1531	EA 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	11.24	
05 05 23 00-1532 Load Indicating Washers (05 05 23 00-1283)			
05 05 23 00-1533 A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)			
05 05 23 00-1534 Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)			
05 05 23 00-1535	EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.36	
05 05 23 00-1536	EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.54	
05 05 23 00-1537	EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.66	
05 05 23 00-1538	EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.88	
05 05 23 00-1539	EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.27	
05 05 23 00-1540	EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.78	
05 05 23 00-1541	EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.88	
05 05 23 00-1542	EA 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.23	
05 05 23 00-1543	EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	6.86	
05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)			
05 05 23 00-1545	EA 1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.72	
05 05 23 00-1546	EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.91	
05 05 23 00-1547	EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	1.86	
05 05 23 00-1548	EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.27	
05 05 23 00-1549	EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.69	
05 05 23 00-1550	EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.06	
05 05 23 00-1551	EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.11	
05 05 23 00-1552	EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.27	
05 05 23 00-1553	EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.00	
05 05 23 00-1554 Beveled Washers (05 05 23 00-1283)			
05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)			
05 05 23 00-1556	EA 1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.24	
05 05 23 00-1557	EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.29	
05 05 23 00-1558	EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.34	
05 05 23 00-1559	EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.84	
05 05 23 00-1560	EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	2.99	
05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)			
05 05 23 00-1562	EA 1/2", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.22	
05 05 23 00-1563	EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.37	
05 05 23 00-1564	EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.37	
05 05 23 00-1565	EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.56	
05 05 23 00-1566	EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436)	3.79	
05 05 23 00-1567 Drilling In Steel Plates (05 05 23)			
05 05 23 00-1568	EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	14.51	
	For Aluminum, Deduct	-1.45	
	For Stainless Steel, Add	1.81	
05 05 23 00-1569	EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	17.08	
	For Aluminum, Deduct	-1.71	
	For Stainless Steel, Add	2.14	
05 05 23 00-1570	EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	20.49	
	For Aluminum, Deduct	-2.05	
	For Stainless Steel, Add	2.56	
05 05 23 00-1571	EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	23.91	
	For Aluminum, Deduct	-2.39	
	For Stainless Steel, Add	2.99	
05 05 23 00-1572	EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	32.02	
	For Aluminum, Deduct	-3.20	
	For Stainless Steel, Add	4.00	
05 05 23 00-1573	EA Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate	17.08	
	For Aluminum, Deduct	-1.71	
	For Stainless Steel, Add	2.14	

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

05 05 23 00-1574	EA		>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate <i>For Aluminum, Deduct</i> <i>For Stainless Steel, Add</i>	21.34 -2.13 2.67	
05 05 23 00-1575	EA		>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate <i>For Aluminum, Deduct</i> <i>For Stainless Steel, Add</i>	25.61 -2.56 3.20	
05 05 23 00-1576	EA		>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate <i>For Aluminum, Deduct</i> <i>For Stainless Steel, Add</i>	32.02 -3.20 4.00	
05 05 23 00-1577	EA		Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate <i>For Aluminum, Deduct</i> <i>For Stainless Steel, Add</i>	21.34 -2.13 2.67	
05 05 23 00-1578	EA		>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate <i>For Aluminum, Deduct</i> <i>For Stainless Steel, Add</i>	28.17 -2.82 3.52	
05 05 23 00-1579	EA		>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate	34.15	

05 05 23 00-1580 Welded Stud Anchors (05 05 23)

05 05 23 00-1581	EA		1/4" Diameter x 1-1/8" Long, Welded Stud Concrete Anchors	2.19	
05 05 23 00-1582	EA		1/4" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	2.22	
05 05 23 00-1583	EA		1/4" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.23	
05 05 23 00-1584	EA		1/4" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.24	
05 05 23 00-1585	EA		3/8" Diameter x 1-3/8" Long, Welded Stud Concrete Anchors	2.29	
05 05 23 00-1586	EA		3/8" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.36	
05 05 23 00-1587	EA		3/8" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.42	
05 05 23 00-1588	EA		3/8" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.46	
05 05 23 00-1589	EA		3/8" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	2.49	
05 05 23 00-1590	EA		3/8" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	2.63	
05 05 23 00-1591	EA		3/8" Diameter x 5-1/8" Long, Welded Stud Concrete Anchors	2.74	
05 05 23 00-1592	EA		3/8" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	2.83	
05 05 23 00-1593	EA		1/2" Diameter x 1-1/2" Long, Welded Stud Concrete Anchors	2.67	
05 05 23 00-1594	EA		1/2" Diameter x 1-5/8" Long, Welded Stud Concrete Anchors	2.68	
05 05 23 00-1595	EA		1/2" Diameter x 2-1/8" Long, Welded Stud Concrete Anchors	2.79	
05 05 23 00-1596	EA		1/2" Diameter x 2-5/8" Long, Welded Stud Concrete Anchors	2.88	
05 05 23 00-1597	EA		1/2" Diameter x 3-1/8" Long, Welded Stud Concrete Anchors	3.00	
05 05 23 00-1598	EA		1/2" Diameter x 4-1/8" Long, Welded Stud Concrete Anchors	3.19	
05 05 23 00-1599	EA		1/2" Diameter x 5-5/16" Long, Welded Stud Concrete Anchors	3.31	
05 05 23 00-1600	EA		1/2" Diameter x 6-1/8" Long, Welded Stud Concrete Anchors	3.64	
05 05 23 00-1601	EA		1/2" Diameter x 8-1/8" Long, Welded Stud Concrete Anchors	4.26	
05 05 23 00-1602	EA		5/8" Diameter x 2-11/16" Long, Welded Stud Concrete Anchors	3.49	
05 05 23 00-1603	EA		5/8" Diameter x 3-3/16" Long, Welded Stud Concrete Anchors	3.64	
05 05 23 00-1604	EA		5/8" Diameter x 3-11/16" Long, Welded Stud Concrete Anchors	3.77	
05 05 23 00-1605	EA		5/8" Diameter x 4-3/16" Long, Welded Stud Concrete Anchors	3.90	
05 05 23 00-1606	EA		5/8" Diameter x 4-11/16" Long, Welded Stud Concrete Anchors	4.00	
05 05 23 00-1607	EA		5/8" Diameter x 5-3/16" Long, Welded Stud Concrete Anchors	4.10	
05 05 23 00-1608	EA		5/8" Diameter x 6-3/16" Long, Welded Stud Concrete Anchors	4.23	
05 05 23 00-1609	EA		5/8" Diameter x 6-9/16" Long, Welded Stud Concrete Anchors	4.76	
05 05 23 00-1610	EA		5/8" Diameter x 8-3/16" Long, Welded Stud Concrete Anchors	5.50	

05 05 23 00-1611 Welded Shear Stud Connector (05 05 23)
05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1613	EA		3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.29	
05 05 23 00-1614	EA		3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	4.40	
05 05 23 00-1615	EA		3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	4.43	
05 05 23 00-1616	EA		3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	4.44	
05 05 23 00-1617	EA		3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	4.57	
05 05 23 00-1618	EA		3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	4.80	
05 05 23 00-1619	EA		3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	7.06	
05 05 23 00-1620	EA		3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.08	
05 05 23 00-1621	EA		3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	5.49	
05 05 23 00-1622	EA		3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	7.90	
05 05 23 00-1623	EA		3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.03	
05 05 23 00-1624	EA		3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	8.48	
05 05 23 00-1625	EA		3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.37	

05 05 23 00-1626 7/8" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1627	EA		7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector	4.85	
05 05 23 00-1628	EA		7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	5.03	
05 05 23 00-1629	EA		7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	5.21	
05 05 23 00-1630	EA		7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	5.73	
05 05 23 00-1631	EA		7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	8.18	
05 05 23 00-1632	EA		7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	8.72	
05 05 23 00-1633	EA		7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	9.26	
05 05 23 00-1634	EA		7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	10.78	

05 05 23 00-1635 1" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1636	EA		1" Diameter x 3-1/4" Long, Welded Shear Stud Connector	6.03	
05 05 23 00-1637	EA		1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	6.58	
05 05 23 00-1638	EA		1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	7.40	
05 05 23 00-1639	EA		1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	10.22	
05 05 23 00-1640	EA		1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	11.08	

05 Metals**05 05 Common Work Results For Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 05 23 00-1641 EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector 11.94

05 10 Structural Metal Framing (05)**05 12 Structural Steel Framing** (05 10)**05 12 23 Structural Steel For Buildings** (05 12)

Note: Prices are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection. Excludes moment connection welding. See CSI section 05 12 23 00-0117 for field fabrication of additional structural metal connections, 05 12 23 00-0132 for moment connection welding.

05 12 23 00-0001 Rolled Steel Members (05 12 23)**05 12 23 00-0002 Beams, Girders And Columns** (05 12 23 00-0001)

Note: For one and two story I beams and W shapes and HP shapes.

05 12 23 00-0003	TON Up To 30 LB/LF Beams, Girders And Columns	6,051.45	953.81
	For ASTM A242 Type 2 High Strength Steel, Add	326.26	
	For Hot Dip Galvanizing, Add	1,141.90	
05 12 23 00-0004	TON >30-65 LB/LF Beams, Girders And Columns	4,004.77	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	267.76	
	For Hot Dip Galvanizing, Add	937.17	
05 12 23 00-0005	TON >65-100 LB/LF Beams, Girders And Columns	3,341.42	346.86
	For ASTM A242 Type 2 High Strength Steel, Add	237.72	
	For Hot Dip Galvanizing, Add	832.00	
05 12 23 00-0006	TON >100-300 LB/LF Beams, Girders And Columns	2,228.66	184.62
	For ASTM A242 Type 2 High Strength Steel, Add	162.51	
	For Hot Dip Galvanizing, Add	568.77	

05 12 23 00-0007 Trusses, Built-Up (05 12 23 00-0001)

05 12 23 00-0008	TON Built-Up Trusses, Rolled Structural Steel Members	4,247.49	648.67
	For ASTM A242 Type 2 High Strength Steel, Add	284.48	
	For Hot Dip Galvanizing, Add	995.66	

05 12 23 00-0009 Shapes (05 12 23 00-0001)**05 12 23 00-0010 Rolled Shape Steel Angles** (05 12 23 00-0009)

05 12 23 00-0011	TON Up To 10 LB/LF Rolled Shape Steel Angles	8,844.76	1,773.13
	For ASTM A242 Type 2 High Strength Steel, Add	471.16	
	For Hot Dip Galvanizing, Add	1,649.07	
05 12 23 00-0012	TON >10-20 LB/LF Rolled Shape Steel Angles	7,607.17	1,040.57
	For ASTM A242 Type 2 High Strength Steel, Add	450.72	
	For Hot Dip Galvanizing, Add	1,577.50	
05 12 23 00-0013	TON >20-58 LB/LF Rolled Shape Steel Angles	5,613.73	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	396.49	
	For Hot Dip Galvanizing, Add	1,387.71	

05 12 23 00-0014 Rolled C, MC Steel Channels (05 12 23 00-0009)

05 12 23 00-0015	TON Up To 10 LB/LF Rolled C, MC Steel Channels	9,866.36	2,428.00
	For ASTM A242 Type 2 High Strength Steel, Add	464.05	
	For Hot Dip Galvanizing, Add	1,624.18	
05 12 23 00-0016	TON >10-20 LB/LF Rolled C, MC Steel Channels	7,529.39	1,849.91
	For ASTM A242 Type 2 High Strength Steel, Add	444.49	
	For Hot Dip Galvanizing, Add	1,555.72	
05 12 23 00-0017	TON >20-58 LB/LF Rolled C, MC Steel Channels	5,524.83	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	389.38	
	For Hot Dip Galvanizing, Add	1,362.81	

05 12 23 00-0018 Double L Shape Steel Angles (05 12 23 00-0009)

05 12 23 00-0019	TON Up To 20 LB/LF Double L Shape Steel Angles	8,129.97	1,406.85
	For ASTM A242 Type 2 High Strength Steel, Add	453.38	
	For Hot Dip Galvanizing, Add	1,586.84	
05 12 23 00-0020	TON >20-50 LB/LF Double L Shape Steel Angles	5,991.55	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	426.71	
	For Hot Dip Galvanizing, Add	1,493.49	
05 12 23 00-0021	TON >50-80 LB/LF Double L Shape Steel Angles	4,481.54	346.86
	For ASTM A242 Type 2 High Strength Steel, Add	328.92	
	For Hot Dip Galvanizing, Add	1,151.24	
05 12 23 00-0022	TON >80-115 LB/LF Double L Shape Steel Angles	2,863.97	184.90
	For ASTM A242 Type 2 High Strength Steel, Add	213.36	
	For Hot Dip Galvanizing, Add	746.75	

05 12 23 00-0023 Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)

05 12 23 00-0024	TON Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	7,307.14	1,040.57
	For ASTM A242 Type 2 High Strength Steel, Add	426.71	
	For Hot Dip Galvanizing, Add	1,493.49	
05 12 23 00-0025	TON >30-65 LB/LF Structural WT, MT, ST Tee Shapes	4,735.96	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	326.26	
	For Hot Dip Galvanizing, Add	1,141.90	
05 12 23 00-0026	TON >65-100 LB/LF Structural WT, MT, ST Tee Shapes	3,703.67	346.86
	For ASTM A242 Type 2 High Strength Steel, Add	266.70	
	For Hot Dip Galvanizing, Add	933.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		
05 12 23 00-0027		TON	>100-365 LB/LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,708.71		200.91	703.19	184.62	
05 12 23 00-0028			Combination Section Shapes (05 12 23 00-0001)						
05 12 23 00-0029			Combination Section, W Shapes And Angles (05 12 23 00-0028)						
05 12 23 00-0030		TON	Up To 30 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	6,962.66		399.15	1,397.04	1,040.57	
05 12 23 00-0031		TON	>30-65 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,769.30		328.92	1,151.24	616.57	
05 12 23 00-0032		TON	>65-100 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,425.86		244.47	855.65	346.86	
05 12 23 00-0033		TON	>100-300 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,930.64		218.69	765.42	184.62	
05 12 23 00-0034		TON	>300-500 LB/LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,510.04		192.91	675.19	92.68	
05 12 23 00-0035			Combination Section, S Shapes And Angles (05 12 23 00-0028)						
05 12 23 00-0036		TON	>30-65 LB/LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,591.50		314.70	1,101.45	616.57	
05 12 23 00-0037		TON	>65-100 LB/LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,436.98		245.36	858.76	346.86	
05 12 23 00-0038			Combination Section, Channels And Angles (05 12 23 00-0028)						
05 12 23 00-0039		TON	Up To 30 LB/LF Combination Section - Channels And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	7,307.14		426.71	1,493.49	1,040.57	
05 12 23 00-0040		TON	>30-65 LB/LF Combination Section - Channels And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,991.54		346.70	1,213.46	616.57	
05 12 23 00-0041		TON	>65-100 LB/LF Combination Section - Channels And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	3,514.76		251.58	880.54	346.86	
05 12 23 00-0042			Standard Weight Pipe (05 12 23 00-0001)						
05 12 23 00-0043		TON	1/2" To 5" Diameter Standard Weight Pipe <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,059.01		277.36	970.77	554.97	
05 12 23 00-0044		TON	>5" To 12" Diameter Standard Weight Pipe <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,362.57		289.81	1,014.33	693.72	
05 12 23 00-0045			Structural Steel Shapes (05 12 23)						
05 12 23 00-0046			Steel Rods (05 12 23 00-0045)						
05 12 23 00-0047		TON	1/2" To 5" Diameter Extra Strong Steel, Solid <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,329.55		309.37	1,082.78	433.61	
05 12 23 00-0048		TON	>5" To 12" Diameter Extra Strong Steel, Solid <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,991.54		346.70	1,213.46	616.57	
05 12 23 00-0049			Column Base Plates (05 12 23 00-0045)						
05 12 23 00-0050		LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2.31		0.13	0.47	0.61	
05 12 23 00-0051		LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2.16		0.13	0.44	0.52	
05 12 23 00-0052		TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,018.15		275.00	962.49	544.40	
05 12 23 00-0053		TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	2,834.69		198.90	696.16	326.64	
05 12 23 00-0054			Double Extra Strong Pipes (05 12 23 00-0045)						
05 12 23 00-0055		TON	2" To 5" Diameter Double Extra Strong Pipe <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	5,268.37		353.82	1,238.36	792.77	
05 12 23 00-0056		TON	>5" To 8" Diameter Double Extra Strong Pipe <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	4,655.81		336.04	1,176.13	426.87	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0057	Structural Pipes (05 12 23 00-0045)		
05 12 23 00-0058	TON 3" x 2" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	3,675.02	366.28
	For ASTM A242 Type 2 High Strength Steel, Add	248.92	
	For Hot Dip Galvanizing, Add	871.21	
05 12 23 00-0059	TON >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	4,043.39	422.42
	For ASTM A242 Type 2 High Strength Steel, Add	248.92	
	For Hot Dip Galvanizing, Add	871.21	
05 12 23 00-0060	Structural Tubing (05 12 23 00-0045)		
05 12 23 00-0061	Rectangle Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle.....	5,950.80	369.98
	For ASTM A242 Type 2 High Strength Steel, Add	444.49	
	For Hot Dip Galvanizing, Add	1,555.72	
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle.....	6,011.52	426.87
	For ASTM A242 Type 2 High Strength Steel, Add	444.49	
	For Hot Dip Galvanizing, Add	1,555.72	
05 12 23 00-0064	TON 5" x 4", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle.....	5,271.59	462.47
	For ASTM A242 Type 2 High Strength Steel, Add	382.26	
	For Hot Dip Galvanizing, Add	1,337.92	
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle.....	5,036.90	554.97
	For ASTM A242 Type 2 High Strength Steel, Add	355.59	
	For Hot Dip Galvanizing, Add	1,244.58	
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle.....	4,769.30	616.57
	For ASTM A242 Type 2 High Strength Steel, Add	328.92	
	For Hot Dip Galvanizing, Add	1,151.24	
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle.....	5,021.72	853.26
	For ASTM A242 Type 2 High Strength Steel, Add	328.92	
	For Hot Dip Galvanizing, Add	1,151.24	
05 12 23 00-0068	TON 10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle.....	5,403.64	1,127.98
	For ASTM A242 Type 2 High Strength Steel, Add	336.04	
	For Hot Dip Galvanizing, Add	1,176.13	
05 12 23 00-0069	TON 12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle.....	5,559.22	1,232.13
	For ASTM A242 Type 2 High Strength Steel, Add	339.59	
	For Hot Dip Galvanizing, Add	1,188.57	
05 12 23 00-0070	TON 14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle.....	5,724.82	1,387.42
	For ASTM A242 Type 2 High Strength Steel, Add	339.59	
	For Hot Dip Galvanizing, Add	1,188.57	
05 12 23 00-0071	TON 16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle.....	7,309.53	2,914.80
	For ASTM A242 Type 2 High Strength Steel, Add	336.04	
	For Hot Dip Galvanizing, Add	1,176.13	
05 12 23 00-0072	TON 18" x 6" Weight Range 48-76 LB/LF Structural Tubing - Rectangle.....	6,062.56	1,849.91
	For ASTM A242 Type 2 High Strength Steel, Add	327.15	
	For Hot Dip Galvanizing, Add	1,145.01	
05 12 23 00-0073	TON 20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle.....	8,851.22	4,255.98
	For ASTM A242 Type 2 High Strength Steel, Add	344.93	
	For Hot Dip Galvanizing, Add	1,207.24	
05 12 23 00-0074	Square Structural Tubing (05 12 23 00-0060)		
05 12 23 00-0075	TON 2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square.....	5,926.14	346.86
	For ASTM A242 Type 2 High Strength Steel, Add	444.49	
	For Hot Dip Galvanizing, Add	1,555.72	
05 12 23 00-0076	TON 2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square.....	5,950.80	369.98
	For ASTM A242 Type 2 High Strength Steel, Add	444.49	
	For Hot Dip Galvanizing, Add	1,555.72	
05 12 23 00-0077	TON 3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square.....	5,382.72	462.47
	For ASTM A242 Type 2 High Strength Steel, Add	391.15	
	For Hot Dip Galvanizing, Add	1,369.04	
05 12 23 00-0078	TON 3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square.....	5,370.26	554.97
	For ASTM A242 Type 2 High Strength Steel, Add	382.26	
	For Hot Dip Galvanizing, Add	1,337.92	
05 12 23 00-0079	TON 4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square.....	4,384.80	693.72
	For ASTM A242 Type 2 High Strength Steel, Add	291.59	
	For Hot Dip Galvanizing, Add	1,020.56	
05 12 23 00-0080	TON 5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square.....	4,490.51	792.77
	For ASTM A242 Type 2 High Strength Steel, Add	291.59	
	For Hot Dip Galvanizing, Add	1,020.56	
05 12 23 00-0081	TON 6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square.....	4,828.77	1,109.94
	For ASTM A242 Type 2 High Strength Steel, Add	291.59	
	For Hot Dip Galvanizing, Add	1,020.56	
05 12 23 00-0082	TON 7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square.....	5,191.43	1,387.42
	For ASTM A242 Type 2 High Strength Steel, Add	296.92	
	For Hot Dip Galvanizing, Add	1,039.22	
05 12 23 00-0083	TON 8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square.....	6,284.81	1,849.91
	For ASTM A242 Type 2 High Strength Steel, Add	344.93	
	For Hot Dip Galvanizing, Add	1,207.24	
05 12 23 00-0084	TON 10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square.....	7,271.43	2,774.86
	For ASTM A242 Type 2 High Strength Steel, Add	344.93	
	For Hot Dip Galvanizing, Add	1,207.24	
05 12 23 00-0085	TON 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square.....	7,185.51	3,256.85
	For ASTM A242 Type 2 High Strength Steel, Add	296.92	
	For Hot Dip Galvanizing, Add	1,039.22	
05 12 23 00-0086	TON 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square.....	8,762.32	4,255.98
	For ASTM A242 Type 2 High Strength Steel, Add	337.81	
	For Hot Dip Galvanizing, Add	1,182.35	

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

05 12 23 00-0087	TON			16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i>	10,231.27 344.93 1,207.24	5,549.71
05 12 23 00-0088 Structural Shapes <small>(05 12 23 00-0045)</small>						
05 12 23 00-0089	TON			Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF)..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >20 To 50 LB/LF, Deduct</i> <i>For >50 To 75 LB/LF, Deduct</i> <i>For >75 To 100 LB/LF, Deduct</i>	7,194.77 299.06 1,046.71 -892.30 -1,424.87 -1,957.43	2,177.60
05 12 23 00-0090	TON			Structural Shapes, Steel Plate A36 Structural Steel Note: Up to 21.5 LB per SF <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >21.5 To 50 LB/LF, Deduct</i>	4,714.32 284.48 995.69 -529.35	871.04
05 12 23 00-0091	LB			Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF).....	2.71	0.19
05 12 23 00-0092	LB			Structural Shapes, Galvanized Pipe Supports.....	3.27	0.19
05 12 23 00-0093 Built-Up Trusses <small>(05 12 23 00-0045)</small>						
05 12 23 00-0094	TON			Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up.....	4,818.70	277.49
05 12 23 00-0095	TON			>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up.....	4,731.60	154.10
05 12 23 00-0096	TON			>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up.....	4,198.62	81.58
05 12 23 00-0097	TON			>200 LF Span Average Weight 180 LB/LF Trusses, Built-up.....	4,082.64	77.14
05 12 23 00-0098 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps <small>(05 12 23 00-0045)</small>						
Note: Includes shop fabrication, welds, drilling and shop primer.						
05 12 23 00-0099	SF			1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	17.91	6.27
05 12 23 00-0100	SF			3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	26.87	9.38
05 12 23 00-0101	SF			1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	35.83	12.50
05 12 23 00-0102	SF			5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	44.79	15.63
05 12 23 00-0103	SF			3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	53.75	18.67
05 12 23 00-0104	SF			7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	62.71	21.88
05 12 23 00-0105	SF			1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	71.66	25.01
05 12 23 00-0106	SF			1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	80.61	28.13
05 12 23 00-0107	SF			1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	89.57	31.26
05 12 23 00-0108	SF			1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	98.52	34.39
05 12 23 00-0109	SF			1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	107.48	37.51
05 12 23 00-0110	SF			1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	116.44	40.64
05 12 23 00-0111	SF			1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	125.40	43.76
05 12 23 00-0112	SF			1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	134.36	46.89
05 12 23 00-0113	SF			2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	143.32	50.02
05 12 23 00-0114 Accessories For Steel <small>(05 12 23)</small>						
05 12 23 00-0115 Field Painting For Touch-Up Of Shop Prime Coat <small>(05 12 23 00-0114)</small>						
05 12 23 00-0116	SF			Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	0.83	
05 12 23 00-0117 Connection And Stiffener Plates <small>(05 12 23 00-0114)</small>						
Note: For field fabrication of additional structural metal connections.						
05 12 23 00-0118	TON			1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	10,265.87	
05 12 23 00-0119	TON			3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	8,758.79	
05 12 23 00-0120	TON			1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0121	TON			5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0122	TON			3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0123	TON			1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0124	TON			9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0125	TON			5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	6,773.35	
05 12 23 00-0126	TON			3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	6,350.02	
05 12 23 00-0127	TON			7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	6,350.02	
05 12 23 00-0128	TON			1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	6,350.02	
05 12 23 00-0129 Spot Welding <small>(05 12 23 00-0114)</small>						
See CSI section 05 12 23 00-0132 for a series of welds.						
05 12 23 00-0130	EA			Up To 15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	9.62 1.46 2.43	
05 12 23 00-0131	EA			>15 Spot Weldings, Welds Up To 1" Length Each..... <i>For Aluminum Welding, Add</i> <i>For Stainless Steel Welding, Add</i>	7.76 1.34 2.17	
05 12 23 00-0132 Field Welding (Seam And Stitch Welding) <small>(05 12 23 00-0114)</small>						
05 12 23 00-0133 Vertical Fillet Welds <small>(05 12 23 00-0132)</small>						
Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.						

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0134	LF	3/16" Vertical Fillet Weld.....	10.12	
		For Aluminum Welding, Add	1.67	
		For Stainless Steel Welding, Add	2.72	
		For Up To 25, Add	3.48	
		For >25 To 50, Add	2.48	
05 12 23 00-0135	LF	1/4" Vertical Fillet Weld.....	15.18	
		For Aluminum Welding, Add	2.51	
		For Stainless Steel Welding, Add	4.08	
		For Up To 25, Add	5.22	
		For >25 To 50, Add	3.72	
05 12 23 00-0136	LF	5/16" Vertical Fillet Weld.....	20.24	
		For Aluminum Welding, Add	3.35	
		For Stainless Steel Welding, Add	5.45	
		For Up To 25, Add	6.95	
		For >25 To 50, Add	4.96	
05 12 23 00-0137	LF	3/8" Vertical Fillet Weld.....	25.31	
		For Aluminum Welding, Add	4.18	
		For Stainless Steel Welding, Add	6.81	
		For Up To 25, Add	8.70	
		For >25 To 50, Add	6.20	
05 12 23 00-0138	LF	7/16" Vertical Fillet Weld.....	30.11	
		For Aluminum Welding, Add	4.82	
		For Stainless Steel Welding, Add	7.90	
		For Up To 25, Add	10.41	
		For >25 To 50, Add	7.43	
05 12 23 00-0139	LF	1/2" Vertical Fillet Weld.....	35.05	
		For Aluminum Welding, Add	5.79	
		For Stainless Steel Welding, Add	9.43	
		For Up To 25, Add	12.05	
		For >25 To 50, Add	8.58	
05 12 23 00-0140	LF	9/16" Vertical Fillet Weld.....	41.17	
		For Aluminum Welding, Add	6.66	
		For Stainless Steel Welding, Add	10.89	
		For Up To 25, Add	14.21	
		For >25 To 50, Add	10.13	
05 12 23 00-0141	LF	5/8" Vertical Fillet Weld.....	45.34	
		For Aluminum Welding, Add	7.37	
		For Stainless Steel Welding, Add	12.04	
		For Up To 25, Add	15.63	
		For >25 To 50, Add	11.15	
05 12 23 00-0142	LF	3/4" Vertical Fillet Weld.....	62.29	
		For Aluminum Welding, Add	10.32	
		For Stainless Steel Welding, Add	16.79	
		For Up To 25, Add	21.40	
		For >25 To 50, Add	15.25	
05 12 23 00-0143	LF	7/8" Vertical Fillet Weld.....	82.24	
		For Aluminum Welding, Add	13.42	
		For Stainless Steel Welding, Add	21.91	
		For Up To 25, Add	28.33	
		For >25 To 50, Add	20.20	
05 12 23 00-0144	LF	1" Vertical Fillet Weld.....	114.05	
		For Aluminum Welding, Add	18.93	
		For Stainless Steel Welding, Add	30.79	
		For Up To 25, Add	39.16	
		For >25 To 50, Add	27.91	

05 12 23 00-0145 Horizontal Or Flat Fillet Welds (05 12 23 00-0132)

Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.

05 12 23 00-0146	LF	1/8" Horizontal Or Flat Fillet Weld.....	5.75	
		For Aluminum Welding, Add	0.98	
		For Stainless Steel Welding, Add	1.59	
		For Up To 25, Add	1.96	
		For >25 To 50, Add	1.40	
05 12 23 00-0147	LF	3/16" Horizontal Or Flat Fillet Weld.....	7.67	
		For Aluminum Welding, Add	1.31	
		For Stainless Steel Welding, Add	2.12	
		For Up To 25, Add	2.62	
		For >25 To 50, Add	1.86	
05 12 23 00-0148	LF	1/4" Horizontal Or Flat Fillet Weld.....	11.50	
		For Aluminum Welding, Add	1.97	
		For Stainless Steel Welding, Add	3.18	
		For Up To 25, Add	3.93	
		For >25 To 50, Add	2.80	
05 12 23 00-0149	LF	5/16" Horizontal Or Flat Fillet Weld.....	15.34	
		For Aluminum Welding, Add	2.63	
		For Stainless Steel Welding, Add	4.24	
		For Up To 25, Add	5.23	
		For >25 To 50, Add	3.73	
05 12 23 00-0150	LF	3/8" Horizontal Or Flat Fillet Weld.....	19.16	
		For Aluminum Welding, Add	3.27	
		For Stainless Steel Welding, Add	5.29	
		For Up To 25, Add	6.54	
		For >25 To 50, Add	4.66	
05 12 23 00-0151	LF	7/16" Horizontal Or Flat Fillet Weld.....	22.17	
		For Aluminum Welding, Add	3.64	
		For Stainless Steel Welding, Add	5.94	
		For Up To 25, Add	7.63	
		For >25 To 50, Add	5.44	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0152	LF			1/2" Horizontal Or Flat Fillet Weld.....	27.06	
				For Aluminum Welding, Add	4.62	
				For Stainless Steel Welding, Add	7.46	
				For Up To 25, Add	9.24	
				For >25 To 50, Add	6.58	
05 12 23 00-0153	LF			9/16" Horizontal Or Flat Fillet Weld.....	30.46	
				For Aluminum Welding, Add	5.08	
				For Stainless Steel Welding, Add	8.25	
				For Up To 25, Add	10.45	
				For >25 To 50, Add	7.45	
05 12 23 00-0154	LF			5/8" Horizontal Or Flat Fillet Weld.....	36.57	
				For Aluminum Welding, Add	6.15	
				For Stainless Steel Welding, Add	9.97	
				For Up To 25, Add	12.52	
				For >25 To 50, Add	8.92	
05 12 23 00-0155	LF			3/4" Horizontal Or Flat Fillet Weld.....	46.10	
				For Aluminum Welding, Add	7.94	
				For Stainless Steel Welding, Add	12.80	
				For Up To 25, Add	15.71	
				For >25 To 50, Add	11.19	
05 12 23 00-0156	LF			7/8" Horizontal Or Flat Fillet Weld.....	69.79	
				For Aluminum Welding, Add	11.48	
				For Stainless Steel Welding, Add	18.71	
				For Up To 25, Add	24.01	
				For >25 To 50, Add	17.11	
05 12 23 00-0157	LF			1" Horizontal Or Flat Fillet Weld.....	91.99	
				For Aluminum Welding, Add	15.70	
				For Stainless Steel Welding, Add	25.38	
				For Up To 25, Add	31.40	
				For >25 To 50, Add	22.36	
05 12 23 00-0158				Cold Galvanizing <small>(05 12 23 00-0114)</small>		
05 12 23 00-0159	SF			Brush Applied Cold Galvanizing	1.59	
05 12 23 00-0160				Metal Grinding <small>(05 12 23 00-0114)</small>		
				Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0161	SI			Metal Grinding Up To 1/32" Thickness To Be Removed.....	0.76	
				Note: Includes rust or scale removal on metal and smoothing surface.		
05 12 23 00-0162				Structural Steel For Buildings And Structures <small>(05 12 23)</small>		
05 12 23 00-0163				First Tier A992/A36 Structural Steel Columns, W Shapes <small>(05 12 23 00-0162)</small>		
				Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0164	LF			W14 x 730 A992/A36 Structural Column	981.13	60.40
				For High Strength Low Alloy A572-50 Steel, Add	88.30	
				For High Strength Low Alloy A588 Grade B Steel, Add	196.23	
05 12 23 00-0165	LF			W14 x 665 A992/A36 Structural Column	895.13	56.30
				For High Strength Low Alloy A572-50 Steel, Add	80.56	
				For High Strength Low Alloy A588 Grade B Steel, Add	179.03	
05 12 23 00-0166	LF			W14 x 605 A992/A36 Structural Column	815.64	52.40
				For High Strength Low Alloy A572-50 Steel, Add	73.41	
				For High Strength Low Alloy A588 Grade B Steel, Add	163.13	
05 12 23 00-0167	LF			W14 x 550 A992/A36 Structural Column	742.66	48.74
				For High Strength Low Alloy A572-50 Steel, Add	66.84	
				For High Strength Low Alloy A588 Grade B Steel, Add	148.53	
05 12 23 00-0168	LF			W14 x 500 A992/A36 Structural Column	679.24	48.10
				For High Strength Low Alloy A572-50 Steel, Add	61.13	
				For High Strength Low Alloy A588 Grade B Steel, Add	135.85	
05 12 23 00-0169	LF			W14 x 426 A992/A36 Structural Column	579.73	42.00
				For High Strength Low Alloy A572-50 Steel, Add	52.18	
				For High Strength Low Alloy A588 Grade B Steel, Add	115.95	
05 12 23 00-0170	LF			W14 x 342 A992/A36 Structural Column	469.28	36.35
				For High Strength Low Alloy A572-50 Steel, Add	42.24	
				For High Strength Low Alloy A588 Grade B Steel, Add	93.86	
05 12 23 00-0171	LF			W14 x 311 A992/A36 Structural Column	422.94	33.95
				For High Strength Low Alloy A572-50 Steel, Add	38.06	
				For High Strength Low Alloy A588 Grade B Steel, Add	84.59	
05 12 23 00-0172	LF			W14 x 283 A992/A36 Structural Column	384.13	32.00
				For High Strength Low Alloy A572-50 Steel, Add	34.57	
				For High Strength Low Alloy A588 Grade B Steel, Add	76.83	
05 12 23 00-0173	LF			W14 x 257 A992/A36 Structural Column	338.11	30.34
				For High Strength Low Alloy A572-50 Steel, Add	30.43	
				For High Strength Low Alloy A588 Grade B Steel, Add	67.62	
05 12 23 00-0174	LF			W14 x 233 A992/A36 Structural Column	311.21	28.21
				For High Strength Low Alloy A572-50 Steel, Add	28.01	
				For High Strength Low Alloy A588 Grade B Steel, Add	62.24	
05 12 23 00-0175	LF			W14 x 211 A992/A36 Structural Column	277.07	26.26
				For High Strength Low Alloy A572-50 Steel, Add	24.94	
				For High Strength Low Alloy A588 Grade B Steel, Add	55.41	
05 12 23 00-0176	LF			W14 x 193 A992/A36 Structural Column	250.87	24.97
				For High Strength Low Alloy A572-50 Steel, Add	22.58	
				For High Strength Low Alloy A588 Grade B Steel, Add	50.17	
05 12 23 00-0177	LF			W14 x 176 A992/A36 Structural Column	226.38	23.86
				For High Strength Low Alloy A572-50 Steel, Add	20.37	
				For High Strength Low Alloy A588 Grade B Steel, Add	45.28	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0178	LF	W14 x 159 A992/A36 Structural Column	204.99	23.04
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.45	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	41.00	
05 12 23 00-0179	LF	W14 x 145 A992/A36 Structural Column	198.11	22.29
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.83	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	39.62	
05 12 23 00-0180	LF	W14 x 132 A992/A36 Structural Column	169.89	21.28
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.29	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	33.98	
05 12 23 00-0181	LF	W14 x 120 A992/A36 Structural Column	159.47	20.72
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.35	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.89	
05 12 23 00-0182	LF	W14 x 109 A992/A36 Structural Column	143.05	19.88
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.87	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	28.61	
05 12 23 00-0183	LF	W14 x 99 A992/A36 Structural Column	130.77	19.33
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.77	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.15	
05 12 23 00-0184	LF	W14 x 90 A992/A36 Structural Column	121.68	18.87
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.95	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	24.34	
05 12 23 00-0185	LF	W14 x 82 A992/A36 Structural Column	112.30	18.31
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.11	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.46	
05 12 23 00-0186	LF	W14 x 74 A992/A36 Structural Column	101.66	17.85
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.15	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	20.33	
05 12 23 00-0187	LF	W14 x 68 A992/A36 Structural Column	95.15	17.57
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.56	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.03	
05 12 23 00-0188	LF	W14 x 61 A992/A36 Structural Column	87.01	17.11
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.83	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	17.40	
05 12 23 00-0189	LF	W14 x 53 A992/A36 Structural Column	79.48	16.65
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.15	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.90	
05 12 23 00-0190	LF	W14 x 48 A992/A36 Structural Column	74.62	16.37
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.72	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.92	
05 12 23 00-0191	LF	W14 x 43 A992/A36 Structural Column	67.61	16.10
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.08	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.52	
05 12 23 00-0192	LF	W12 x 336 A992/A36 Structural Column	447.23	26.90
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	40.25	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	89.45	
05 12 23 00-0193	LF	W12 x 305 A992/A36 Structural Column	408.05	26.37
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	36.72	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	81.61	
05 12 23 00-0194	LF	W12 x 279 A992/A36 Structural Column	375.31	26.05
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.78	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	75.06	
05 12 23 00-0195	LF	W12 x 252 A992/A36 Structural Column	340.99	25.40
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.69	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	68.20	
05 12 23 00-0196	LF	W12 x 230 A992/A36 Structural Column	313.19	25.03
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	28.19	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	62.64	
05 12 23 00-0197	LF	W12 x 210 A992/A36 Structural Column	287.91	24.68
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	25.91	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	57.58	
05 12 23 00-0198	LF	W12 x 190 A992/A36 Structural Column	263.97	25.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	23.76	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	52.79	
05 12 23 00-0199	LF	W12 x 170 A992/A36 Structural Column	238.88	24.78
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.50	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.78	
05 12 23 00-0200	LF	W12 x 152 A992/A36 Structural Column	215.49	23.04
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.39	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.10	
05 12 23 00-0201	LF	W12 x 136 A992/A36 Structural Column	204.96	22.38
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.45	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	40.99	
05 12 23 00-0202	LF	W12 x 120 A992/A36 Structural Column	155.94	20.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.03	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	31.19	
05 12 23 00-0203	LF	W12 x 106 A992/A36 Structural Column	143.89	19.88
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.95	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	28.78	
05 12 23 00-0204	LF	W12 x 96 A992/A36 Structural Column	129.02	19.24
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.61	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.80	
05 12 23 00-0205	LF	W12 x 87 A992/A36 Structural Column	119.22	18.59
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.73	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.84	
05 12 23 00-0206	LF	W12 x 79 A992/A36 Structural Column	104.96	18.04
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.45	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	20.99	
05 12 23 00-0207	LF	W12 x 72 A992/A36 Structural Column	96.28	17.57
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.67	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0208	LF		W12 x 65 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	88.24 7.94 17.65	17.20
05 12 23 00-0209	LF		W12 x 58 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	85.46 7.69 17.09	17.02
05 12 23 00-0210	LF		W12 x 53 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	79.48 7.15 15.90	16.65
05 12 23 00-0211	LF		W12 x 50 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	77.10 6.94 15.42	16.56
05 12 23 00-0212	LF		W12 x 45 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	70.29 6.33 14.06	16.19
05 12 23 00-0213	LF		W12 x 40 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	63.26 5.69 12.65	15.82
05 12 23 00-0214	LF		W10 x 112 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	150.40 13.54 30.08	20.25
05 12 23 00-0215	LF		W10 x 110 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	136.26 12.26 27.25	19.43
05 12 23 00-0216	LF		W10 x 88 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	122.74 11.05 24.55	18.77
05 12 23 00-0217	LF		W10 x 77 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	109.43 9.85 21.89	18.04
05 12 23 00-0218	LF		W10 x 68 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	98.79 8.89 19.76	17.57
05 12 23 00-0219	LF		W10 x 60 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	87.01 7.83 17.40	17.11
05 12 23 00-0220	LF		W10 x 54 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	86.41 7.78 17.28	16.83
05 12 23 00-0221	LF		W10 x 49 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	76.17 6.86 15.23	16.56
05 12 23 00-0222	LF		W10 x 45 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	73.60 6.62 14.72	16.28
05 12 23 00-0223	LF		W10 x 39 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	64.40 5.80 12.88	16.00
05 12 23 00-0224	LF		W10 x 33 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	56.46 5.08 11.29	15.54
05 12 23 00-0225	LF		W8 x 67 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	95.25 8.57 19.05	17.57
05 12 23 00-0226	LF		W8 x 58 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	85.77 7.72 17.15	17.02
05 12 23 00-0227	LF		W8 x 48 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	77.00 6.93 15.40	16.56
05 12 23 00-0228	LF		W8 x 40 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	66.46 5.98 13.29	16.10
05 12 23 00-0229	LF		W8 x 35 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	60.28 5.43 12.06	15.72
05 12 23 00-0230	LF		W8 x 31 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	55.31 4.98 11.06	15.54
05 12 23 00-0231	LF		W8 x 28 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	52.22 4.70 10.44	15.35
05 12 23 00-0232	LF		W8 x 24 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	48.50 4.37 9.70	15.16
05 12 23 00-0233	LF		W8 x 21 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	46.03 4.14 9.21	15.08
05 12 23 00-0234	LF		W8 x 18 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	41.38 3.72 8.28	14.80
05 12 23 00-0235	LF		W6 x 25 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	50.79 4.57 10.16	15.16
05 12 23 00-0236	LF		W6 x 20 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.34 3.90 8.67	14.90
05 12 23 00-0237	LF		W6 x 15 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	37.47 3.37 7.49	14.43

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0238	LF	W6 x 12 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	35.28 3.18 7.06	14.43
05 12 23 00-0239	LF	W6 x 9 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	32.49 2.92 6.50	14.34
05 12 23 00-0240	LF	W5 x 19 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	42.72 3.84 8.54	14.90
05 12 23 00-0241	LF	W5 x 16 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	39.51 3.56 7.90	14.80
05 12 23 00-0242	LF	W4 x 13 A992/A36 Structural Column <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	37.15 3.34 7.43	14.62
05 12 23 00-0243		A992/A36 Structural Steel Beams And Girders, W Shapes (05 12 23 00-0162) Note: Includes material delivery and erection.		
05 12 23 00-0244	LF	W36 x 300 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	337.39 30.37 67.48 2.67 -107.50 40.49	66.14
05 12 23 00-0245	LF	W36 x 280 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	323.04 29.07 64.61 2.49 -101.97 38.76	69.37
05 12 23 00-0246	LF	W36 x 260 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	306.64 27.60 61.33 2.34 -96.36 36.80	68.54
05 12 23 00-0247	LF	W36 x 240 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	289.81 26.08 57.96 2.22 -91.23 34.78	63.75
05 12 23 00-0248	LF	W36 x 230 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	281.53 25.34 56.31 2.13 -88.19 33.78	64.65
05 12 23 00-0249	LF	W36 x 210 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	264.84 23.84 52.97 1.94 -82.08 31.78	66.32
05 12 23 00-0250	LF	W36 x 194 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	253.41 22.81 50.68 1.87 -78.80 30.41	61.84
05 12 23 00-0251	LF	W36 x 182 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	241.34 21.72 48.27 1.76 -74.65 28.96	61.38
05 12 23 00-0252	LF	W36 x 170 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	228.98 20.61 45.80 1.64 -70.44 27.48	60.68
05 12 23 00-0253	LF	W36 x 160 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	223.05 20.07 44.61 1.55 -67.80 26.77	64.20
05 12 23 00-0254	LF	W36 x 150 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	214.48 19.30 42.90 1.47 -64.87 25.74	63.73
05 12 23 00-0255	LF	W36 x 135 A992/A36 Structural Beam Or Girder..... <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	202.51 18.23 40.50 1.35 -60.78 24.30	63.17

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0256	LF			W33 x 241 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	293.88 26.45 58.78 2.24 -92.34 35.27	65.75
05 12 23 00-0257	LF			W33 x 221 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	273.59 24.62 54.72 2.05 -85.49 32.83	64.14
05 12 23 00-0258	LF			W33 x 201 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	256.90 23.12 51.38 1.87 -79.37 30.83	65.86
05 12 23 00-0259	LF			W33 x 170 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	232.24 20.90 46.45 1.63 -70.95 27.87	64.65
05 12 23 00-0260	LF			W33 x 152 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	215.50 19.40 43.10 1.51 -65.75 25.86	60.49
05 12 23 00-0261	LF			W33 x 141 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	207.67 18.69 41.53 1.40 -62.54 24.92	63.36
05 12 23 00-0262	LF			W33 x 130 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	197.97 17.82 39.59 1.31 -59.23 23.76	62.89
05 12 23 00-0263	LF			W33 x 118 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	186.71 16.80 37.34 1.20 -55.37 22.41	62.34
05 12 23 00-0264	LF			W30 x 211 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	263.19 23.69 52.64 1.95 -81.87 31.58	64.02
05 12 23 00-0265	LF			W30 x 191 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	246.25 22.16 49.25 1.76 -75.71 29.55	65.40
05 12 23 00-0266	LF			W30 x 173 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	229.86 20.69 45.97 1.65 -70.68 27.58	61.10
05 12 23 00-0267	LF			W30 x 154 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	214.67 19.32 42.93 1.47 -64.92 25.76	63.82
05 12 23 00-0268	LF			W30 x 132 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	195.77 17.62 39.15 1.33 -59.09 23.49	58.96
05 12 23 00-0269	LF			W30 x 124 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	187.68 16.89 37.54 1.25 -56.26 22.52	58.92
05 12 23 00-0270	LF			W30 x 116 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	183.19 16.49 36.64 1.17 -54.16 21.98	62.25

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0271	LF	W30 x 108 A992/A36 Structural Beam Or Girder.....	169.05	56.05
		For High Strength Low Alloy A572-50 Steel, Add	15.21	
		For High Strength Low Alloy A588 Steel, Add	33.81	
		For Each Additional Top Copes >2, Add	1.09	
		For Structural Tees, WT, MT Or ST, Deduct	-50.21	
		For Skewed Or Sloped Connections, Add	20.29	
05 12 23 00-0272	LF	W30 x 99 A992/A36 Structural Beam Or Girder	162.15	55.78
		For High Strength Low Alloy A572-50 Steel, Add	14.59	
		For High Strength Low Alloy A588 Steel, Add	32.43	
		For Each Additional Top Copes >2, Add	1.03	
		For Structural Tees, WT, MT Or ST, Deduct	-47.84	
		For Skewed Or Sloped Connections, Add	19.46	
05 12 23 00-0273	LF	W27 x 178 A992/A36 Structural Beam Or Girder.....	256.72	71.54
		For High Strength Low Alloy A572-50 Steel, Add	23.10	
		For High Strength Low Alloy A588 Steel, Add	51.34	
		For Each Additional Top Copes >2, Add	1.80	
		For Structural Tees, WT, MT Or ST, Deduct	-78.41	
		For Skewed Or Sloped Connections, Add	30.81	
05 12 23 00-0274	LF	W27 x 161 A992/A36 Structural Beam Or Girder.....	236.61	68.84
		For High Strength Low Alloy A572-50 Steel, Add	21.29	
		For High Strength Low Alloy A588 Steel, Add	47.32	
		For Each Additional Top Copes >2, Add	1.63	
		For Structural Tees, WT, MT Or ST, Deduct	-71.80	
		For Skewed Or Sloped Connections, Add	28.39	
05 12 23 00-0275	LF	W27 x 146 A992/A36 Structural Beam Or Girder.....	218.81	66.40
		For High Strength Low Alloy A572-50 Steel, Add	19.69	
		For High Strength Low Alloy A588 Steel, Add	43.76	
		For Each Additional Top Copes >2, Add	1.48	
		For Structural Tees, WT, MT Or ST, Deduct	-65.96	
		For Skewed Or Sloped Connections, Add	26.26	
05 12 23 00-0276	LF	W27 x 114 A992/A36 Structural Beam Or Girder.....	174.38	55.16
		For High Strength Low Alloy A572-50 Steel, Add	15.69	
		For High Strength Low Alloy A588 Steel, Add	34.88	
		For Each Additional Top Copes >2, Add	1.16	
		For Structural Tees, WT, MT Or ST, Deduct	-52.21	
		For Skewed Or Sloped Connections, Add	20.93	
05 12 23 00-0277	LF	W27 x 102 A992/A36 Structural Beam Or Girder.....	162.85	55.78
		For High Strength Low Alloy A572-50 Steel, Add	14.66	
		For High Strength Low Alloy A588 Steel, Add	32.57	
		For Each Additional Top Copes >2, Add	1.03	
		For Structural Tees, WT, MT Or ST, Deduct	-48.08	
		For Skewed Or Sloped Connections, Add	19.54	
05 12 23 00-0278	LF	W27 x 94 A992/A36 Structural Beam Or Girder	156.36	55.40
		For High Strength Low Alloy A572-50 Steel, Add	14.07	
		For High Strength Low Alloy A588 Steel, Add	31.27	
		For Each Additional Top Copes >2, Add	0.97	
		For Structural Tees, WT, MT Or ST, Deduct	-45.86	
		For Skewed Or Sloped Connections, Add	18.76	
05 12 23 00-0279	LF	W27 x 84 A992/A36 Structural Beam Or Girder	148.41	55.03
		For High Strength Low Alloy A572-50 Steel, Add	13.36	
		For High Strength Low Alloy A588 Steel, Add	29.68	
		For Each Additional Top Copes >2, Add	0.90	
		For Structural Tees, WT, MT Or ST, Deduct	-43.15	
		For Skewed Or Sloped Connections, Add	17.81	
05 12 23 00-0280	LF	W24 x 162 A992/A36 Structural Beam Or Girder.....	227.80	66.00
		For High Strength Low Alloy A572-50 Steel, Add	20.50	
		For High Strength Low Alloy A588 Steel, Add	45.56	
		For Each Additional Top Copes >2, Add	1.57	
		For Structural Tees, WT, MT Or ST, Deduct	-69.17	
		For Skewed Or Sloped Connections, Add	27.34	
05 12 23 00-0281	LF	W24 x 146 A992/A36 Structural Beam Or Girder.....	209.35	63.27
		For High Strength Low Alloy A572-50 Steel, Add	18.84	
		For High Strength Low Alloy A588 Steel, Add	41.87	
		For Each Additional Top Copes >2, Add	1.42	
		For Structural Tees, WT, MT Or ST, Deduct	-63.15	
		For Skewed Or Sloped Connections, Add	25.12	
05 12 23 00-0282	LF	W24 x 131 A992/A36 Structural Beam Or Girder.....	191.70	60.40
		For High Strength Low Alloy A572-50 Steel, Add	17.25	
		For High Strength Low Alloy A588 Steel, Add	38.34	
		For Each Additional Top Copes >2, Add	1.27	
		For Structural Tees, WT, MT Or ST, Deduct	-57.43	
		For Skewed Or Sloped Connections, Add	23.00	
05 12 23 00-0283	LF	W24 x 117 A992/A36 Structural Beam Or Girder.....	174.88	57.39
		For High Strength Low Alloy A572-50 Steel, Add	15.74	
		For High Strength Low Alloy A588 Steel, Add	34.98	
		For Each Additional Top Copes >2, Add	1.14	
		For Structural Tees, WT, MT Or ST, Deduct	-52.03	
		For Skewed Or Sloped Connections, Add	20.99	
05 12 23 00-0284	LF	W24 x 104 A992/A36 Structural Beam Or Girder.....	158.92	54.27
		For High Strength Low Alloy A572-50 Steel, Add	14.30	
		For High Strength Low Alloy A588 Steel, Add	31.78	
		For Each Additional Top Copes >2, Add	1.01	
		For Structural Tees, WT, MT Or ST, Deduct	-46.94	
		For Skewed Or Sloped Connections, Add	19.07	
05 12 23 00-0285	LF	W24 x 94 A992/A36 Structural Beam Or Girder	150.44	55.40
		For High Strength Low Alloy A572-50 Steel, Add	13.54	
		For High Strength Low Alloy A588 Steel, Add	30.09	
		For Each Additional Top Copes >2, Add	0.91	
		For Structural Tees, WT, MT Or ST, Deduct	-43.79	
		For Skewed Or Sloped Connections, Add	18.05	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0286	LF			W24 x 84 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	136.81 12.31 27.36 0.84 -40.02 16.42	49.11
05 12 23 00-0287	LF			W24 x 76 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	130.72 11.76 26.14 0.79 -37.94 15.69	48.74
05 12 23 00-0288	LF			W24 x 68 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	123.09 11.08 24.62 0.71 -35.33 14.77	48.47
05 12 23 00-0289	LF			W24 x 62 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	119.07 10.72 23.81 0.68 -33.96 14.29	48.19
05 12 23 00-0290	LF			W24 x 55 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	113.59 10.22 22.72 0.62 -32.08 13.63	48.01
05 12 23 00-0291	LF			W21 x 147 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	198.15 17.83 39.63 1.40 -60.67 23.78	54.28
05 12 23 00-0292	LF			W21 x 132 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	181.25 16.31 36.25 1.26 -55.14 21.75	51.85
05 12 23 00-0293	LF			W21 x 122 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	170.78 15.37 34.16 1.16 -51.62 20.49	50.99
05 12 23 00-0294	LF			W21 x 111 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	158.54 14.27 31.71 1.06 -47.59 19.02	49.35
05 12 23 00-0295	LF			W21 x 101 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	147.31 13.26 29.46 0.96 -43.92 17.68	47.77
05 12 23 00-0296	LF			W21 x 93 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	141.73 12.76 28.35 0.89 -41.66 17.01	49.67
05 12 23 00-0297	LF			W21 x 83 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	134.52 12.11 26.90 0.82 -39.22 16.14	49.11
05 12 23 00-0298	LF			W21 x 73 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	125.75 11.32 25.15 0.74 -36.22 15.09	48.74
05 12 23 00-0299	LF			W21 x 68 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	121.32 10.92 24.26 0.70 -34.71 14.56	48.47
05 12 23 00-0300	LF			W21 x 62 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	117.30 10.56 23.46 0.66 -33.34 14.08	48.19

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0301	LF	W21 x 57 A992/A36 Structural Beam Or Girder	113.68	48.10
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.23	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	22.74	
		<i>For Each Additional Top Copes >2, Add</i>	0.62	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.10	
		<i>For Skewed Or Sloped Connections, Add</i>	13.64	
05 12 23 00-0302	LF	W21 x 50 A992/A36 Structural Beam Or Girder	100.58	41.72
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.05	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	20.12	
		<i>For Each Additional Top Copes >2, Add</i>	0.56	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-28.52	
		<i>For Skewed Or Sloped Connections, Add</i>	12.07	
05 12 23 00-0303	LF	W21 x 44 A992/A36 Structural Beam Or Girder	96.35	41.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.67	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	19.27	
		<i>For Each Additional Top Copes >2, Add</i>	0.52	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-27.08	
		<i>For Skewed Or Sloped Connections, Add</i>	11.56	
05 12 23 00-0304	LF	W18 x 119 A992/A36 Structural Beam Or Girder.....	166.50	50.80
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.99	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	33.30	
		<i>For Each Additional Top Copes >2, Add</i>	1.12	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-50.15	
		<i>For Skewed Or Sloped Connections, Add</i>	19.98	
05 12 23 00-0305	LF	W18 x 106 A992/A36 Structural Beam Or Girder.....	151.39	48.15
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.63	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	30.28	
		<i>For Each Additional Top Copes >2, Add</i>	1.00	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-45.28	
		<i>For Skewed Or Sloped Connections, Add</i>	18.17	
05 12 23 00-0306	LF	W18 x 97 A992/A36 Structural Beam Or Girder	144.64	49.67
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.02	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	28.93	
		<i>For Each Additional Top Copes >2, Add</i>	0.92	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-42.66	
		<i>For Skewed Or Sloped Connections, Add</i>	17.36	
05 12 23 00-0307	LF	W18 x 86 A992/A36 Structural Beam Or Girder	136.39	49.21
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.28	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	27.28	
		<i>For Each Additional Top Copes >2, Add</i>	0.84	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.86	
		<i>For Skewed Or Sloped Connections, Add</i>	16.37	
05 12 23 00-0308	LF	W18 x 76 A992/A36 Structural Beam Or Girder	128.96	48.74
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.61	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	25.79	
		<i>For Each Additional Top Copes >2, Add</i>	0.77	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-37.33	
		<i>For Skewed Or Sloped Connections, Add</i>	15.48	
05 12 23 00-0309	LF	W18 x 71 A992/A36 Structural Beam Or Girder	123.58	48.65
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.12	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	24.72	
		<i>For Each Additional Top Copes >2, Add</i>	0.72	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-35.47	
		<i>For Skewed Or Sloped Connections, Add</i>	14.83	
05 12 23 00-0310	LF	W18 x 65 A992/A36 Structural Beam Or Girder	118.32	48.47
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.65	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	23.66	
		<i>For Each Additional Top Copes >2, Add</i>	0.67	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-33.67	
		<i>For Skewed Or Sloped Connections, Add</i>	14.20	
05 12 23 00-0311	LF	W18 x 60 A992/A36 Structural Beam Or Girder	113.58	48.10
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.22	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	22.72	
		<i>For Each Additional Top Copes >2, Add</i>	0.62	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.05	
		<i>For Skewed Or Sloped Connections, Add</i>	13.63	
05 12 23 00-0312	LF	W18 x 55 A992/A36 Structural Beam Or Girder	108.81	48.01
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.79	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	21.76	
		<i>For Each Additional Top Copes >2, Add</i>	0.58	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-30.41	
		<i>For Skewed Or Sloped Connections, Add</i>	13.06	
05 12 23 00-0313	LF	W18 x 50 A992/A36 Structural Beam Or Girder	97.67	41.72
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.79	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	19.53	
		<i>For Each Additional Top Copes >2, Add</i>	0.53	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-27.50	
		<i>For Skewed Or Sloped Connections, Add</i>	11.72	
05 12 23 00-0314	LF	W18 x 46 A992/A36 Structural Beam Or Girder	93.96	41.62
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.46	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	18.79	
		<i>For Each Additional Top Copes >2, Add</i>	0.50	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.23	
		<i>For Skewed Or Sloped Connections, Add</i>	11.28	
05 12 23 00-0315	LF	W18 x 40 A992/A36 Structural Beam Or Girder	81.97	35.52
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.38	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	16.39	
		<i>For Each Additional Top Copes >2, Add</i>	0.44	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.00	
		<i>For Skewed Or Sloped Connections, Add</i>	9.84	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0316	LF			W18 x 35 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	77.33 6.96 15.47 0.40 -21.40 9.28	35.43
05 12 23 00-0317	LF			W16 x 100 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	132.79 11.95 26.56 0.98 -41.32 15.93	32.28
05 12 23 00-0318	LF			W16 x 89 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	122.28 11.01 24.46 0.88 -37.72 14.67	31.73
05 12 23 00-0319	LF			W16 x 77 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	111.00 9.99 22.20 0.78 -33.84 13.32	31.35
05 12 23 00-0320	LF			W16 x 67 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	101.40 9.13 20.28 0.68 -30.55 12.17	30.90
05 12 23 00-0321	LF			W16 x 57 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	91.90 8.27 18.38 0.59 -27.29 11.03	30.43
05 12 23 00-0322	LF			W16 x 50 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	85.28 7.68 17.06 0.53 -25.02 10.23	30.15
05 12 23 00-0323	LF			W16 x 45 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	80.63 7.26 16.13 0.49 -23.42 9.68	29.97
05 12 23 00-0324	LF			W16 x 40 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	75.78 6.82 15.16 0.44 -21.76 9.09	29.69
05 12 23 00-0325	LF			W16 x 36 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	71.97 6.48 14.39 0.41 -20.47 8.64	29.50
05 12 23 00-0326	LF			W16 x 31 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	61.01 5.49 12.20 0.36 -17.59 7.32	23.49
05 12 23 00-0327	LF			W16 x 26 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	54.92 4.94 10.98 0.30 -15.51 6.59	23.21
05 12 23 00-0328	LF			W14 x 99 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	125.67 11.31 25.13 0.97 -39.75 15.08	26.45
05 12 23 00-0329	LF			W14 x 90 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	117.09 10.54 23.42 0.89 -36.82 14.05	25.99
05 12 23 00-0330	LF			W14 x 82 A992/A36 Structural Beam Or Girder <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes >2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	109.46 9.85 21.89 0.82 -34.20 13.14	25.72

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0331	LF	W14 x 74 A992/A36 Structural Beam Or Girder	101.83	25.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.16	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	20.37	
		<i>For Each Additional Top Copes >2, Add</i>	0.75	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-31.59	
		<i>For Skewed Or Sloped Connections, Add</i>	12.22	
05 12 23 00-0332	LF	W14 x 68 A992/A36 Structural Beam Or Girder	96.14	25.06
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.65	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	19.23	
		<i>For Each Additional Top Copes >2, Add</i>	0.69	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.64	
		<i>For Skewed Or Sloped Connections, Add</i>	11.54	
05 12 23 00-0333	LF	W14 x 61 A992/A36 Structural Beam Or Girder	89.52	24.78
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.06	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	17.90	
		<i>For Each Additional Top Copes >2, Add</i>	0.63	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-27.36	
		<i>For Skewed Or Sloped Connections, Add</i>	10.74	
05 12 23 00-0334	LF	W14 x 53 A992/A36 Structural Beam Or Girder	81.99	24.42
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.38	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	16.40	
		<i>For Each Additional Top Copes >2, Add</i>	0.56	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-24.78	
		<i>For Skewed Or Sloped Connections, Add</i>	9.84	
05 12 23 00-0335	LF	W14 x 48 A992/A36 Structural Beam Or Girder	77.14	24.14
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.94	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	15.43	
		<i>For Each Additional Top Copes >2, Add</i>	0.51	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.13	
		<i>For Skewed Or Sloped Connections, Add</i>	9.26	
05 12 23 00-0336	LF	W14 x 43 A992/A36 Structural Beam Or Girder	72.37	24.05
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.51	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	14.47	
		<i>For Each Additional Top Copes >2, Add</i>	0.47	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.49	
		<i>For Skewed Or Sloped Connections, Add</i>	8.68	
05 12 23 00-0337	LF	W14 x 38 A992/A36 Structural Beam Or Girder	67.63	23.86
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.09	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	13.53	
		<i>For Each Additional Top Copes >2, Add</i>	0.42	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-19.87	
		<i>For Skewed Or Sloped Connections, Add</i>	8.12	
05 12 23 00-0338	LF	W14 x 34 A992/A36 Structural Beam Or Girder	63.81	23.58
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.74	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	12.76	
		<i>For Each Additional Top Copes >2, Add</i>	0.39	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-18.56	
		<i>For Skewed Or Sloped Connections, Add</i>	7.66	
05 12 23 00-0339	LF	W14 x 30 A992/A36 Structural Beam Or Girder	59.98	23.49
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.40	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	12.00	
		<i>For Each Additional Top Copes >2, Add</i>	0.35	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-17.25	
		<i>For Skewed Or Sloped Connections, Add</i>	7.20	
05 12 23 00-0340	LF	W14 x 26 A992/A36 Structural Beam Or Girder	56.16	23.21
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.05	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	11.23	
		<i>For Each Additional Top Copes >2, Add</i>	0.31	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-15.94	
		<i>For Skewed Or Sloped Connections, Add</i>	6.74	
05 12 23 00-0341	LF	W14 x 22 A992/A36 Structural Beam Or Girder	52.45	23.12
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.72	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	10.49	
		<i>For Each Additional Top Copes >2, Add</i>	0.28	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-14.67	
		<i>For Skewed Or Sloped Connections, Add</i>	6.29	
05 12 23 00-0342	LF	W12 x 87 A992/A36 Structural Beam Or Girder	114.31	25.90
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.29	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	22.86	
		<i>For Each Additional Top Copes >2, Add</i>	0.87	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-35.86	
		<i>For Skewed Or Sloped Connections, Add</i>	13.72	
05 12 23 00-0343	LF	W12 x 79 A992/A36 Structural Beam Or Girder	106.67	25.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.60	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	21.33	
		<i>For Each Additional Top Copes >2, Add</i>	0.79	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-33.24	
		<i>For Skewed Or Sloped Connections, Add</i>	12.80	
05 12 23 00-0344	LF	W12 x 72 A992/A36 Structural Beam Or Girder	99.96	25.25
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.00	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	19.99	
		<i>For Each Additional Top Copes >2, Add</i>	0.73	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-30.95	
		<i>For Skewed Or Sloped Connections, Add</i>	12.00	
05 12 23 00-0345	LF	W12 x 65 A992/A36 Structural Beam Or Girder	93.34	24.97
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.40	
		<i>For High Strength Low Alloy A588 Steel, Add</i>	18.67	
		<i>For Each Additional Top Copes >2, Add</i>	0.67	
		<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-28.67	
		<i>For Skewed Or Sloped Connections, Add</i>	11.20	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346	LF			W12 x 58 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	86.63 7.80 17.33 0.60 -26.38 10.40	24.61
05 12 23 00-0347	LF			W12 x 53 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	81.99 7.38 16.40 0.56 -24.78 9.84	24.42
05 12 23 00-0348	LF			W12 x 50 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	78.99 7.11 15.80 0.53 -23.76 9.48	24.33
05 12 23 00-0349	LF			W12 x 45 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	74.35 6.69 14.87 0.49 -22.16 8.92	24.14
05 12 23 00-0350	LF			W12 x 40 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	63.20 5.69 12.64 0.44 -19.25 7.58	17.95
05 12 23 00-0351	LF			W12 x 35 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	58.55 5.27 11.71 0.40 -17.65 7.03	17.85
05 12 23 00-0352	LF			W12 x 30 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	53.69 4.83 10.74 0.35 -15.99 6.44	17.57
05 12 23 00-0353	LF			W12 x 26 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	49.88 4.49 9.98 0.31 -14.68 5.99	17.39
05 12 23 00-0354	LF			W12 x 22 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	46.16 4.15 9.23 0.28 -13.41 5.54	17.20
05 12 23 00-0355	LF			W12 x 19 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	43.27 3.89 8.65 0.25 -12.41 5.19	17.11
05 12 23 00-0356	LF			W12 x 16 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	40.38 3.63 8.08 0.22 -11.43 4.85	16.83
05 12 23 00-0357	LF			W12 x 14 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	38.52 3.47 7.70 0.21 -10.79 4.62	16.83
05 12 23 00-0358	LF			W10 x 68 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	90.14 8.11 18.03 0.70 -28.47 10.82	19.33
05 12 23 00-0359	LF			W10 x 60 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	82.60 7.43 16.52 0.62 -25.89 9.91	18.96
05 12 23 00-0360	LF			W10 x 54 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	76.83 6.91 15.37 0.57 -23.91 9.22	18.59

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0361	LF	W10 x 49 A992/A36 Structural Beam Or Girder	72.08	18.40
		For High Strength Low Alloy A572-50 Steel, Add	6.49	
		For High Strength Low Alloy A588 Steel, Add	14.42	
		For Each Additional Top Copes >2, Add	0.52	
		For Structural Tees, WT, MT Or ST, Deduct	-22.29	
		For Skewed Or Sloped Connections, Add	8.65	
05 12 23 00-0362	LF	W10 x 45 A992/A36 Structural Beam Or Girder	68.26	18.31
		For High Strength Low Alloy A572-50 Steel, Add	6.14	
		For High Strength Low Alloy A588 Steel, Add	13.65	
		For Each Additional Top Copes >2, Add	0.49	
		For Structural Tees, WT, MT Or ST, Deduct	-20.98	
		For Skewed Or Sloped Connections, Add	8.19	
05 12 23 00-0363	LF	W10 x 39 A992/A36 Structural Beam Or Girder	62.58	17.95
		For High Strength Low Alloy A572-50 Steel, Add	5.63	
		For High Strength Low Alloy A588 Steel, Add	12.52	
		For Each Additional Top Copes >2, Add	0.43	
		For Structural Tees, WT, MT Or ST, Deduct	-19.03	
		For Skewed Or Sloped Connections, Add	7.51	
05 12 23 00-0364	LF	W10 x 33 A992/A36 Structural Beam Or Girder	56.90	17.67
		For High Strength Low Alloy A572-50 Steel, Add	5.12	
		For High Strength Low Alloy A588 Steel, Add	11.38	
		For Each Additional Top Copes >2, Add	0.38	
		For Structural Tees, WT, MT Or ST, Deduct	-17.08	
		For Skewed Or Sloped Connections, Add	6.83	
05 12 23 00-0365	LF	W10 x 30 A992/A36 Structural Beam Or Girder	53.99	17.57
		For High Strength Low Alloy A572-50 Steel, Add	4.86	
		For High Strength Low Alloy A588 Steel, Add	10.80	
		For Each Additional Top Copes >2, Add	0.35	
		For Structural Tees, WT, MT Or ST, Deduct	-16.08	
		For Skewed Or Sloped Connections, Add	6.48	
05 12 23 00-0366	LF	W10 x 26 A992/A36 Structural Beam Or Girder	50.28	17.48
		For High Strength Low Alloy A572-50 Steel, Add	4.53	
		For High Strength Low Alloy A588 Steel, Add	10.06	
		For Each Additional Top Copes >2, Add	0.32	
		For Structural Tees, WT, MT Or ST, Deduct	-14.81	
		For Skewed Or Sloped Connections, Add	6.03	
05 12 23 00-0367	LF	W10 x 22 A992/A36 Structural Beam Or Girder	46.36	17.20
		For High Strength Low Alloy A572-50 Steel, Add	4.17	
		For High Strength Low Alloy A588 Steel, Add	9.27	
		For Each Additional Top Copes >2, Add	0.28	
		For Structural Tees, WT, MT Or ST, Deduct	-13.48	
		For Skewed Or Sloped Connections, Add	5.56	
05 12 23 00-0368	LF	W10 x 19 A992/A36 Structural Beam Or Girder	43.58	17.11
		For High Strength Low Alloy A572-50 Steel, Add	3.92	
		For High Strength Low Alloy A588 Steel, Add	8.72	
		For Each Additional Top Copes >2, Add	0.25	
		For Structural Tees, WT, MT Or ST, Deduct	-12.52	
		For Skewed Or Sloped Connections, Add	5.23	
05 12 23 00-0369	LF	W10 x 17 A992/A36 Structural Beam Or Girder	41.61	17.02
		For High Strength Low Alloy A572-50 Steel, Add	3.74	
		For High Strength Low Alloy A588 Steel, Add	8.32	
		For Each Additional Top Copes >2, Add	0.23	
		For Structural Tees, WT, MT Or ST, Deduct	-11.84	
		For Skewed Or Sloped Connections, Add	4.99	
05 12 23 00-0370	LF	W10 x 15 A992/A36 Structural Beam Or Girder	39.76	16.83
		For High Strength Low Alloy A572-50 Steel, Add	3.58	
		For High Strength Low Alloy A588 Steel, Add	7.95	
		For Each Additional Top Copes >2, Add	0.22	
		For Structural Tees, WT, MT Or ST, Deduct	-11.21	
		For Skewed Or Sloped Connections, Add	4.77	
05 12 23 00-0371	LF	W10 x 12 A992/A36 Structural Beam Or Girder	36.96	16.83
		For High Strength Low Alloy A572-50 Steel, Add	3.33	
		For High Strength Low Alloy A588 Steel, Add	7.39	
		For Each Additional Top Copes >2, Add	0.19	
		For Structural Tees, WT, MT Or ST, Deduct	-10.24	
		For Skewed Or Sloped Connections, Add	4.44	
05 12 23 00-0372	LF	W8 x 35 A992/A36 Structural Beam Or Girder	58.75	17.85
		For High Strength Low Alloy A572-50 Steel, Add	5.29	
		For High Strength Low Alloy A588 Steel, Add	11.75	
		For Each Additional Top Copes >2, Add	0.40	
		For Structural Tees, WT, MT Or ST, Deduct	-17.72	
		For Skewed Or Sloped Connections, Add	7.05	
05 12 23 00-0373	LF	W8 x 31 A992/A36 Structural Beam Or Girder	54.93	17.57
		For High Strength Low Alloy A572-50 Steel, Add	4.94	
		For High Strength Low Alloy A588 Steel, Add	10.99	
		For Each Additional Top Copes >2, Add	0.36	
		For Structural Tees, WT, MT Or ST, Deduct	-16.41	
		For Skewed Or Sloped Connections, Add	6.59	
05 12 23 00-0374	LF	W8 x 28 A992/A36 Structural Beam Or Girder	51.12	16.56
		For High Strength Low Alloy A572-50 Steel, Add	4.60	
		For High Strength Low Alloy A588 Steel, Add	10.22	
		For Each Additional Top Copes >2, Add	0.33	
		For Structural Tees, WT, MT Or ST, Deduct	-15.24	
		For Skewed Or Sloped Connections, Add	6.13	
05 12 23 00-0375	LF	W8 x 24 A992/A36 Structural Beam Or Girder	46.70	15.54
		For High Strength Low Alloy A572-50 Steel, Add	4.20	
		For High Strength Low Alloy A588 Steel, Add	9.34	
		For Each Additional Top Copes >2, Add	0.30	
		For Structural Tees, WT, MT Or ST, Deduct	-13.86	
		For Skewed Or Sloped Connections, Add	5.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0376	LF		W8 x 21 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	43.46 3.91 8.69 0.28 -12.90 5.22	14.43
05 12 23 00-0377	LF		W8 x 18 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	38.19 3.44 7.64 0.24 -11.22 4.58	13.42
05 12 23 00-0378	LF		W8 x 10 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	22.92 2.06 4.58 0.13 -6.50 2.75	9.62
05 12 23 00-0379	LF		W6 x 9 A992/A36 Structural Beam Or Girder For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add	20.90 1.88 4.18 0.13 -6.07 2.51	7.86
05 12 23 00-0380 A992/A36 Structural Steel, M Shapes (05 12 23 00-0162)					
Note: Includes material delivery and erection.					
05 12 23 00-0381	LF		M14 x 18 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	43.20 3.89 8.64	13.39
05 12 23 00-0382	LF		M12 x 11.8 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	31.58 2.84 6.32	11.84
05 12 23 00-0383	LF		M10 x 9 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	24.59 2.21 4.92	9.50
05 12 23 00-0384	LF		M8 x 6.5 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	17.77 1.60 3.55	6.86
05 12 23 00-0385	LF		M6 x 20 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	47.86 4.31 9.57	14.90
05 12 23 00-0386	LF		M6 x 4.4 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	12.01 1.08 2.40	4.64
05 12 23 00-0387	LF		M5 x 18.9 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	46.23 4.16 9.25	14.90
05 12 23 00-0388	LF		M4 x 13 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	38.40 3.46 7.68	14.62
05 12 23 00-0389 A992/A36 Structural Steel, S Shapes (05 12 23 00-0162)					
Note: Includes material delivery and erection.					
05 12 23 00-0390	LF		S24 x 121 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	256.48 23.08 51.30	67.80
05 12 23 00-0391	LF		S24 x 106 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	228.02 20.52 45.60	62.52
05 12 23 00-0392	LF		S24 x 100 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	218.42 19.66 43.68	62.09
05 12 23 00-0393	LF		S24 x 90 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	199.71 17.97 39.94	58.83
05 12 23 00-0394	LF		S24 x 80 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	180.45 16.24 36.09	55.04
05 12 23 00-0395	LF		S20 x 96 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	209.69 18.87 41.94	59.60
05 12 23 00-0396	LF		S20 x 86 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	190.83 17.17 38.17	56.21
05 12 23 00-0397	LF		S20 x 75 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	169.17 15.23 33.83	51.60
05 12 23 00-0398	LF		S20 x 66 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	151.43 13.63 30.29	47.80
05 12 23 00-0399	LF		S18 x 70 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	160.61 14.45 32.12	50.69
05 12 23 00-0400	LF		S18 x 54.7 A992/A36 Structural Steel For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	127.72 11.49 25.54	41.70

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0401	LF	S15 x 50 A992/A36 Structural Steel.....	118.88	40.12
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.70	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.78	
05 12 23 00-0402	LF	S15 x 42.9 A992/A36 Structural Steel.....	103.93	36.23
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.35	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	20.79	
05 12 23 00-0403	LF	S12 x 50 A992/A36 Structural Steel.....	116.74	38.11
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.51	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.35	
05 12 23 00-0404	LF	S12 x 40.8 A992/A36 Structural Steel.....	97.01	32.74
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.73	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.40	
05 12 23 00-0405	LF	S12 x 35 A992/A36 Structural Steel.....	84.79	29.56
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.63	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.96	
05 12 23 00-0406	LF	S12 x 31.8 A992/A36 Structural Steel.....	78.55	28.27
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.07	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.71	
05 12 23 00-0407	LF	S10 x 35 A992/A36 Structural Steel.....	86.46	31.12
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.78	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	17.29	
05 12 23 00-0408	LF	S10 x 25.4 A992/A36 Structural Steel.....	64.01	23.77
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.76	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.80	
05 12 23 00-0409	LF	S8 x 23 A992/A36 Structural Steel.....	57.97	21.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.22	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.59	
05 12 23 00-0410	LF	S8 x 18.4 A992/A36 Structural Steel.....	47.33	18.13
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.26	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.47	
05 12 23 00-0411	LF	S7 x 20 A992/A36 Structural Steel.....	51.45	19.71
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.63	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	10.29	
05 12 23 00-0412	LF	S7 x 15.3 A992/A36 Structural Steel.....	40.21	15.87
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.62	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.04	
05 12 23 00-0413	LF	S6 x 17.25 A992/A36 Structural Steel.....	42.91	15.62
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.86	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	8.58	
05 12 23 00-0414	LF	S6 x 12.5 A992/A36 Structural Steel.....	36.98	14.43
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.33	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.40	
05 12 23 00-0415	LF	S5 x 14.75 A992/A36 Structural Steel.....	39.24	14.71
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.53	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.85	
05 12 23 00-0416	LF	S5 x 10 A992/A36 Structural Steel.....	33.67	14.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.03	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.73	
05 12 23 00-0417	LF	S4 x 9.5 A992/A36 Structural Steel.....	32.82	14.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.95	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.56	
05 12 23 00-0418	LF	S4 x 7.7 A992/A36 Structural Steel.....	30.84	14.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.78	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.17	
05 12 23 00-0419	LF	S3 x 7.5 A992/A36 Structural Steel.....	30.66	14.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.76	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	6.13	
05 12 23 00-0420	LF	S3 x 5.7 A992/A36 Structural Steel.....	28.30	14.24
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.55	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	5.66	
05 12 23 00-0421		A992/A36 Structural Steel, HP Shapes (05 12 23 00-0162)		
		Note: Includes material delivery and erection.		
05 12 23 00-0422	LF	HP14 x 117 A992/A36 Structural Steel.....	152.23	20.09
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.70	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	30.45	
05 12 23 00-0423	LF	HP14 x 102 A992/A36 Structural Steel.....	133.50	18.69
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.70	
05 12 23 00-0424	LF	HP14 x 89 A992/A36 Structural Steel.....	119.18	17.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.73	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.84	
05 12 23 00-0425	LF	HP14 x 73 A992/A36 Structural Steel.....	99.20	16.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.93	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.84	
05 12 23 00-0426	LF	HP13 x 100 A992/A36 Structural Steel.....	130.88	18.33
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.78	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.18	
05 12 23 00-0427	LF	HP13 x 87 A992/A36 Structural Steel.....	116.51	17.14
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.49	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.30	
05 12 23 00-0428	LF	HP13 x 73 A992/A36 Structural Steel.....	99.20	16.53
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.93	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.84	
05 12 23 00-0429	LF	HP13 x 60 A992/A36 Structural Steel.....	84.53	15.83
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.61	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.91	

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

05 12 23 00-0430	LF	HP12 x 84 A992/A36 Structural Steel.....	110.40	18.08
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.94	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.08	
05 12 23 00-0431	LF	HP12 x 74 A992/A36 Structural Steel.....	97.83	17.05
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.80	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	19.57	
05 12 23 00-0432	LF	HP12 x 63 A992/A36 Structural Steel.....	84.49	15.68
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.60	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.90	
05 12 23 00-0433	LF	HP12 x 53 A992/A36 Structural Steel.....	77.61	14.91
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.98	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.52	
05 12 23 00-0434	LF	HP10 x 57 A992/A36 Structural Steel.....	81.64	15.30
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.35	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	16.33	
05 12 23 00-0435	LF	HP10 x 42 A992/A36 Structural Steel.....	67.75	14.34
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.10	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.55	
05 12 23 00-0436	LF	HP8 x 36 A992/A36 Structural Steel.....	59.19	13.52
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.33	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.84	

05 12 23 00-0437 Lightweight Framing Steel Shapes (05 12 23)
05 12 23 00-0438 Angle Iron - L (05 12 23 00-0437)
05 12 23 00-0439 1/8" Thick (05 12 23 00-0438)

05 12 23 00-0440	LF	1/2" x 1/2" x 1/8" Angle Iron.....	2.10	1.37
		<i>For >100 To 250, Deduct</i>	-0.14	
		<i>For >250 To 500, Deduct</i>	-0.19	
		<i>For >500 To 1,000, Deduct</i>	-0.29	
		<i>For >1,000, Deduct</i>	-0.39	
		<i>For 316 Stainless Steel, Add</i>	0.86	
		<i>For Aluminum, Add</i>	0.05	
		<i>For Galvanized Steel, Add</i>	0.17	
		<i>For 304 Stainless Steel, Add</i>	0.77	
		<i>For High Strength Steel (HSS), Add</i>	0.42	
05 12 23 00-0441	LF	3/4" x 1/2" x 1/8" Angle Iron.....	2.41	1.55
		<i>For >100 To 250, Deduct</i>	-0.16	
		<i>For >250 To 500, Deduct</i>	-0.22	
		<i>For >500 To 1,000, Deduct</i>	-0.33	
		<i>For >1,000, Deduct</i>	-0.44	
		<i>For 316 Stainless Steel, Add</i>	1.09	
		<i>For Aluminum, Add</i>	0.06	
		<i>For Galvanized Steel, Add</i>	0.21	
		<i>For 304 Stainless Steel, Add</i>	0.97	
		<i>For High Strength Steel (HSS), Add</i>	0.48	
05 12 23 00-0442	LF	3/4" x 3/4" x 1/8" Angle Iron.....	2.70	1.71
		<i>For >100 To 250, Deduct</i>	-0.17	
		<i>For >250 To 500, Deduct</i>	-0.24	
		<i>For >500 To 1,000, Deduct</i>	-0.36	
		<i>For >1,000, Deduct</i>	-0.49	
		<i>For 316 Stainless Steel, Add</i>	1.34	
		<i>For Aluminum, Add</i>	0.08	
		<i>For Galvanized Steel, Add</i>	0.26	
		<i>For 304 Stainless Steel, Add</i>	1.20	
		<i>For High Strength Steel (HSS), Add</i>	0.54	
05 12 23 00-0443	LF	1" x 3/4" x 1/8" Angle Iron.....	3.04	1.90
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.27	
		<i>For >500 To 1,000, Deduct</i>	-0.41	
		<i>For >1,000, Deduct</i>	-0.55	
		<i>For 316 Stainless Steel, Add</i>	1.57	
		<i>For Aluminum, Add</i>	0.09	
		<i>For Galvanized Steel, Add</i>	0.30	
		<i>For 304 Stainless Steel, Add</i>	1.40	
		<i>For High Strength Steel (HSS), Add</i>	0.61	
05 12 23 00-0444	LF	1" x 1" x 1/8" Angle Iron.....	3.32	2.05
		<i>For >100 To 250, Deduct</i>	-0.21	
		<i>For >250 To 500, Deduct</i>	-0.29	
		<i>For >500 To 1,000, Deduct</i>	-0.44	
		<i>For >1,000, Deduct</i>	-0.59	
		<i>For 316 Stainless Steel, Add</i>	1.82	
		<i>For Aluminum, Add</i>	0.10	
		<i>For Galvanized Steel, Add</i>	0.35	
		<i>For 304 Stainless Steel, Add</i>	1.62	
		<i>For High Strength Steel (HSS), Add</i>	0.66	
05 12 23 00-0445	LF	1-1/4" x 1-1/4" x 1/8" Angle Iron.....	3.95	2.43
		<i>For >100 To 250, Deduct</i>	-0.24	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500 To 1,000, Deduct</i>	-0.52	
		<i>For >1,000, Deduct</i>	-0.70	
		<i>For 316 Stainless Steel, Add</i>	2.30	
		<i>For Aluminum, Add</i>	0.13	
		<i>For Galvanized Steel, Add</i>	0.45	
		<i>For 304 Stainless Steel, Add</i>	2.05	
		<i>For High Strength Steel (HSS), Add</i>	0.79	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0446	LF 1-1/2" x 1" x 1/8" Angle Iron.....	3.95	2.43
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.34	
	For >500 To 1,000, Deduct	-0.52	
	For >1,000, Deduct	-0.70	
	For 316 Stainless Steel, Add	2.30	
	For Aluminum, Add	0.13	
	For Galvanized Steel, Add	0.45	
	For 304 Stainless Steel, Add	2.05	
	For High Strength Steel (HSS), Add	0.79	
05 12 23 00-0447	LF 1-1/2" x 1-1/2" x 1/8" Angle Iron.....	4.73	2.90
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.41	
	For >500 To 1,000, Deduct	-0.62	
	For >1,000, Deduct	-0.84	
	For 316 Stainless Steel, Add	2.78	
	For Aluminum, Add	0.16	
	For Galvanized Steel, Add	0.54	
	For 304 Stainless Steel, Add	2.48	
	For High Strength Steel (HSS), Add	0.95	
05 12 23 00-0448	LF 2" x 2" x 1/8" Angle Iron.....	6.43	3.95
	For >100 To 250, Deduct	-0.39	
	For >250 To 500, Deduct	-0.55	
	For >500 To 1,000, Deduct	-0.85	
	For >1,000, Deduct	-1.14	
	For 316 Stainless Steel, Add	3.78	
	For Aluminum, Add	0.21	
	For Galvanized Steel, Add	0.73	
	For 304 Stainless Steel, Add	3.36	
	For High Strength Steel (HSS), Add	1.29	
05 12 23 00-0449	3/16" Thick (05 12 23 00-0438)		
05 12 23 00-0450	LF 1-1/4" x 1-1/4" x 3/16" Angle Iron.....	4.46	2.56
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.37	
	For >500 To 1,000, Deduct	-0.56	
	For >1,000, Deduct	-0.76	
	For 316 Stainless Steel, Add	3.36	
	For Aluminum, Add	0.19	
	For Galvanized Steel, Add	0.65	
	For 304 Stainless Steel, Add	2.99	
	For High Strength Steel (HSS), Add	0.89	
05 12 23 00-0451	LF 1-1/2" x 1" x 3/16" Angle Iron.....	4.46	2.56
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.37	
	For >500 To 1,000, Deduct	-0.56	
	For >1,000, Deduct	-0.76	
	For 316 Stainless Steel, Add	3.36	
	For Aluminum, Add	0.19	
	For Galvanized Steel, Add	0.65	
	For 304 Stainless Steel, Add	2.99	
	For High Strength Steel (HSS), Add	0.89	
05 12 23 00-0452	LF 1-1/2" x 1-1/2" x 3/16" Angle Iron.....	4.94	2.75
	For >100 To 250, Deduct	-0.27	
	For >250 To 500, Deduct	-0.40	
	For >500 To 1,000, Deduct	-0.61	
	For >1,000, Deduct	-0.83	
	For 316 Stainless Steel, Add	4.10	
	For Aluminum, Add	0.23	
	For Galvanized Steel, Add	0.79	
	For 304 Stainless Steel, Add	3.65	
	For High Strength Steel (HSS), Add	0.99	
05 12 23 00-0453	LF 2" x 2" x 3/16" Angle Iron.....	5.66	2.94
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.44	
	For >500 To 1,000, Deduct	-0.68	
	For >1,000, Deduct	-0.91	
	For 316 Stainless Steel, Add	5.57	
	For Aluminum, Add	0.31	
	For Galvanized Steel, Add	1.08	
	For 304 Stainless Steel, Add	4.96	
	For High Strength Steel (HSS), Add	1.13	
05 12 23 00-0454	LF 2-1/2" x 2" x 3/16" Angle Iron.....	6.16	3.15
	For >100 To 250, Deduct	-0.32	
	For >250 To 500, Deduct	-0.47	
	For >500 To 1,000, Deduct	-0.73	
	For >1,000, Deduct	-0.99	
	For 316 Stainless Steel, Add	6.27	
	For Aluminum, Add	0.35	
	For Galvanized Steel, Add	1.22	
	For 304 Stainless Steel, Add	5.59	
	For High Strength Steel (HSS), Add	1.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0455	LF		2-1/2" x 2-1/2" x 3/16" Angle Iron.....	6.70	3.37
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500 To 1,000, Deduct</i>	-0.79	
			<i>For >1,000, Deduct</i>	-1.07	
			<i>For 316 Stainless Steel, Add</i>	7.04	
			<i>For Aluminum, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.36	
			<i>For 304 Stainless Steel, Add</i>	6.27	
			<i>For High Strength Steel (HSS), Add</i>	1.34	
05 12 23 00-0456	LF		3" x 2" x 3/16" Angle Iron.....	6.69	3.37
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.50	
			<i>For >500 To 1,000, Deduct</i>	-0.78	
			<i>For >1,000, Deduct</i>	-1.06	
			<i>For 316 Stainless Steel, Add</i>	7.01	
			<i>For Aluminum, Add</i>	0.39	
			<i>For Galvanized Steel, Add</i>	1.36	
			<i>For 304 Stainless Steel, Add</i>	6.24	
			<i>For High Strength Steel (HSS), Add</i>	1.34	
05 12 23 00-0457	LF		3" x 2-1/2" x 3/16" Angle Iron.....	7.39	3.72
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.56	
			<i>For >500 To 1,000, Deduct</i>	-0.87	
			<i>For >1,000, Deduct</i>	-1.18	
			<i>For 316 Stainless Steel, Add</i>	7.74	
			<i>For Aluminum, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.50	
			<i>For 304 Stainless Steel, Add</i>	6.90	
			<i>For High Strength Steel (HSS), Add</i>	1.48	
05 12 23 00-0458	LF		3" x 3" x 3/16" Angle Iron.....	8.08	4.08
			<i>For >100 To 250, Deduct</i>	-0.41	
			<i>For >250 To 500, Deduct</i>	-0.61	
			<i>For >500 To 1,000, Deduct</i>	-0.95	
			<i>For >1,000, Deduct</i>	-1.28	
			<i>For 316 Stainless Steel, Add</i>	8.48	
			<i>For Aluminum, Add</i>	0.48	
			<i>For Galvanized Steel, Add</i>	1.64	
			<i>For 304 Stainless Steel, Add</i>	7.55	
			<i>For High Strength Steel (HSS), Add</i>	1.62	
05 12 23 00-0459			1/4" Thick <small>(05 12 23 00-0438)</small>		
05 12 23 00-0460	LF		1-1/2" x 1" x 1/4" Angle Iron.....	4.96	2.71
			<i>For >100 To 250, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-0.39	
			<i>For >500 To 1,000, Deduct</i>	-0.61	
			<i>For >1,000, Deduct</i>	-0.82	
			<i>For 316 Stainless Steel, Add</i>	4.32	
			<i>For Aluminum, Add</i>	0.24	
			<i>For Galvanized Steel, Add</i>	0.84	
			<i>For 304 Stainless Steel, Add</i>	3.85	
			<i>For High Strength Steel (HSS), Add</i>	0.99	
05 12 23 00-0461	LF		1-1/2" x 1-1/2" x 1/4" Angle Iron.....	5.50	2.90
			<i>For >100 To 250, Deduct</i>	-0.29	
			<i>For >250 To 500, Deduct</i>	-0.43	
			<i>For >500 To 1,000, Deduct</i>	-0.66	
			<i>For >1,000, Deduct</i>	-0.89	
			<i>For 316 Stainless Steel, Add</i>	5.28	
			<i>For Aluminum, Add</i>	0.30	
			<i>For Galvanized Steel, Add</i>	1.02	
			<i>For 304 Stainless Steel, Add</i>	4.70	
			<i>For High Strength Steel (HSS), Add</i>	1.10	
05 12 23 00-0462	LF		2" x 2" x 1/4" Angle Iron.....	6.39	3.09
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500 To 1,000, Deduct</i>	-0.73	
			<i>For >1,000, Deduct</i>	-0.99	
			<i>For 316 Stainless Steel, Add</i>	7.26	
			<i>For Aluminum, Add</i>	0.41	
			<i>For Galvanized Steel, Add</i>	1.41	
			<i>For 304 Stainless Steel, Add</i>	6.47	
			<i>For High Strength Steel (HSS), Add</i>	1.28	
05 12 23 00-0463	LF		2-1/2" x 2" x 1/4" Angle Iron.....	7.14	3.42
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.52	
			<i>For >500 To 1,000, Deduct</i>	-0.81	
			<i>For >1,000, Deduct</i>	-1.11	
			<i>For 316 Stainless Steel, Add</i>	8.26	
			<i>For Aluminum, Add</i>	0.46	
			<i>For Galvanized Steel, Add</i>	1.60	
			<i>For 304 Stainless Steel, Add</i>	7.35	
			<i>For High Strength Steel (HSS), Add</i>	1.43	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0464	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron	7.92	3.75
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500 To 1,000, Deduct</i>	-0.90	
		<i>For >1,000, Deduct</i>	-1.22	
		<i>For 316 Stainless Steel, Add</i>	9.34	
		<i>For Aluminum, Add</i>	0.53	
		<i>For Galvanized Steel, Add</i>	1.81	
		<i>For 304 Stainless Steel, Add</i>	8.32	
		<i>For High Strength Steel (HSS), Add</i>	1.58	
05 12 23 00-0465	LF	3" x 2" x 1/4" Angle Iron	7.92	3.75
		<i>For >100 To 250, Deduct</i>	-0.38	
		<i>For >250 To 500, Deduct</i>	-0.57	
		<i>For >500 To 1,000, Deduct</i>	-0.90	
		<i>For >1,000, Deduct</i>	-1.22	
		<i>For 316 Stainless Steel, Add</i>	9.34	
		<i>For Aluminum, Add</i>	0.53	
		<i>For Galvanized Steel, Add</i>	1.81	
		<i>For 304 Stainless Steel, Add</i>	8.32	
		<i>For High Strength Steel (HSS), Add</i>	1.58	
05 12 23 00-0466	LF	3" x 2-1/2" x 1/4" Angle Iron	8.76	4.16
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.64	
		<i>For >500 To 1,000, Deduct</i>	-0.99	
		<i>For >1,000, Deduct</i>	-1.35	
		<i>For 316 Stainless Steel, Add</i>	10.27	
		<i>For Aluminum, Add</i>	0.58	
		<i>For Galvanized Steel, Add</i>	1.99	
		<i>For 304 Stainless Steel, Add</i>	9.15	
		<i>For High Strength Steel (HSS), Add</i>	1.75	
05 12 23 00-0467	LF	3" x 3" x 1/4" Angle Iron	9.59	4.57
		<i>For >100 To 250, Deduct</i>	-0.46	
		<i>For >250 To 500, Deduct</i>	-0.70	
		<i>For >500 To 1,000, Deduct</i>	-1.09	
		<i>For >1,000, Deduct</i>	-1.48	
		<i>For 316 Stainless Steel, Add</i>	11.17	
		<i>For Aluminum, Add</i>	0.63	
		<i>For Galvanized Steel, Add</i>	2.16	
		<i>For 304 Stainless Steel, Add</i>	9.95	
		<i>For High Strength Steel (HSS), Add</i>	1.92	
05 12 23 00-0468	LF	3-1/2" x 3" x 1/4" Angle Iron	10.39	4.91
		<i>For >100 To 250, Deduct</i>	-0.49	
		<i>For >250 To 500, Deduct</i>	-0.75	
		<i>For >500 To 1,000, Deduct</i>	-1.17	
		<i>For >1,000, Deduct</i>	-1.60	
		<i>For 316 Stainless Steel, Add</i>	12.29	
		<i>For Aluminum, Add</i>	0.69	
		<i>For Galvanized Steel, Add</i>	2.38	
		<i>For 304 Stainless Steel, Add</i>	10.94	
		<i>For High Strength Steel (HSS), Add</i>	2.08	
05 12 23 00-0469	LF	3-1/2" x 3-1/2" x 1/4" Angle Iron	10.98	0.51
		<i>For >100 To 250, Deduct</i>	-0.51	
		<i>For >250 To 500, Deduct</i>	-0.79	
		<i>For >500 To 1,000, Deduct</i>	-1.23	
		<i>For >1,000, Deduct</i>	-1.68	
		<i>For 316 Stainless Steel, Add</i>	13.25	
		<i>For Aluminum, Add</i>	0.75	
		<i>For Galvanized Steel, Add</i>	2.57	
		<i>For 304 Stainless Steel, Add</i>	11.80	
		<i>For High Strength Steel (HSS), Add</i>	2.20	
05 12 23 00-0470	LF	4" x 3" x 1/4" Angle Iron	10.98	5.13
		<i>For >100 To 250, Deduct</i>	-0.51	
		<i>For >250 To 500, Deduct</i>	-0.79	
		<i>For >500 To 1,000, Deduct</i>	-1.23	
		<i>For >1,000, Deduct</i>	-1.68	
		<i>For 316 Stainless Steel, Add</i>	13.25	
		<i>For Aluminum, Add</i>	0.75	
		<i>For Galvanized Steel, Add</i>	2.57	
		<i>For 304 Stainless Steel, Add</i>	11.80	
		<i>For High Strength Steel (HSS), Add</i>	2.20	
05 12 23 00-0471	LF	4" x 3-1/2" x 1/4" Angle Iron	11.55	5.35
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-0.82	
		<i>For >500 To 1,000, Deduct</i>	-1.29	
		<i>For >1,000, Deduct</i>	-1.76	
		<i>For 316 Stainless Steel, Add</i>	14.11	
		<i>For Aluminum, Add</i>	0.79	
		<i>For Galvanized Steel, Add</i>	2.73	
		<i>For 304 Stainless Steel, Add</i>	12.57	
		<i>For High Strength Steel (HSS), Add</i>	2.31	
05 12 23 00-0472	LF	4" x 4" x 1/4" Angle Iron	12.15	5.58
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-0.86	
		<i>For >500 To 1,000, Deduct</i>	-1.35	
		<i>For >1,000, Deduct</i>	-1.84	
		<i>For 316 Stainless Steel, Add</i>	15.07	
		<i>For Aluminum, Add</i>	0.85	
		<i>For Galvanized Steel, Add</i>	2.92	
		<i>For 304 Stainless Steel, Add</i>	13.42	
		<i>For High Strength Steel (HSS), Add</i>	2.43	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0473	LF		5" x 3" x 1/4" Angle Iron.....	12.15	5.58
				For >100 To 250, Deduct	-0.56	
				For >250 To 500, Deduct	-0.86	
				For >500 To 1,000, Deduct	-1.35	
				For >1,000, Deduct	-1.84	
				For 316 Stainless Steel, Add	15.07	
				For Aluminum, Add	0.85	
				For Galvanized Steel, Add	2.92	
				For 304 Stainless Steel, Add	13.42	
				For High Strength Steel (HSS), Add	2.43	
	05 12 23 00-0474	LF		5" x 3-1/2" x 1/4" Angle Iron.....	12.82	5.88
				For >100 To 250, Deduct	-0.59	
				For >250 To 500, Deduct	-0.91	
				For >500 To 1,000, Deduct	-1.43	
				For >1,000, Deduct	-1.94	
				For 316 Stainless Steel, Add	15.94	
				For Aluminum, Add	0.90	
				For Galvanized Steel, Add	3.09	
				For 304 Stainless Steel, Add	14.19	
				For High Strength Steel (HSS), Add	2.56	
	05 12 23 00-0475			5/16" Thick <small>(05 12 23 00-0438)</small>		
	05 12 23 00-0476	LF		2-1/2" x 2" x 5/16" Angle Iron.....	8.50	3.98
				For >100 To 250, Deduct	-0.40	
				For >250 To 500, Deduct	-0.61	
				For >500 To 1,000, Deduct	-0.95	
				For >1,000, Deduct	-1.30	
				For 316 Stainless Steel, Add	10.27	
				For Aluminum, Add	0.58	
				For Galvanized Steel, Add	1.99	
				For 304 Stainless Steel, Add	9.15	
				For High Strength Steel (HSS), Add	1.70	
	05 12 23 00-0477	LF		2-1/2" x 2-1/2" x 5/16" Angle Iron.....	9.19	4.22
				For >100 To 250, Deduct	-0.42	
				For >250 To 500, Deduct	-0.65	
				For >500 To 1,000, Deduct	-1.02	
				For >1,000, Deduct	-1.39	
				For 316 Stainless Steel, Add	11.42	
				For Aluminum, Add	0.64	
				For Galvanized Steel, Add	2.21	
				For 304 Stainless Steel, Add	10.17	
				For High Strength Steel (HSS), Add	1.84	
	05 12 23 00-0478	LF		3" x 2" x 5/16" Angle Iron.....	9.19	4.22
				For >100 To 250, Deduct	-0.42	
				For >250 To 500, Deduct	-0.65	
				For >500 To 1,000, Deduct	-1.02	
				For >1,000, Deduct	-1.39	
				For 316 Stainless Steel, Add	11.42	
				For Aluminum, Add	0.64	
				For Galvanized Steel, Add	2.21	
				For 304 Stainless Steel, Add	10.17	
				For High Strength Steel (HSS), Add	1.84	
	05 12 23 00-0479	LF		3" x 2-1/2" x 5/16" Angle Iron.....	10.16	4.62
				For >100 To 250, Deduct	-0.46	
				For >250 To 500, Deduct	-0.72	
				For >500 To 1,000, Deduct	-1.12	
				For >1,000, Deduct	-1.53	
				For 316 Stainless Steel, Add	12.80	
				For Aluminum, Add	0.72	
				For Galvanized Steel, Add	2.48	
				For 304 Stainless Steel, Add	11.40	
				For High Strength Steel (HSS), Add	2.03	
	05 12 23 00-0480	LF		3" x 3" x 5/16" Angle Iron.....	11.04	5.02
				For >100 To 250, Deduct	-0.50	
				For >250 To 500, Deduct	-0.78	
				For >500 To 1,000, Deduct	-1.22	
				For >1,000, Deduct	-1.66	
				For 316 Stainless Steel, Add	13.92	
				For Aluminum, Add	0.78	
				For Galvanized Steel, Add	2.70	
				For 304 Stainless Steel, Add	12.40	
				For High Strength Steel (HSS), Add	2.21	
	05 12 23 00-0481	LF		3-1/2" x 3" x 5/16" Angle Iron.....	11.74	5.27
				For >100 To 250, Deduct	-0.53	
				For >250 To 500, Deduct	-0.82	
				For >500 To 1,000, Deduct	-1.29	
				For >1,000, Deduct	-1.76	
				For 316 Stainless Steel, Add	15.07	
				For Aluminum, Add	0.85	
				For Galvanized Steel, Add	2.92	
				For 304 Stainless Steel, Add	13.42	
				For High Strength Steel (HSS), Add	2.35	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0482	LF	3-1/2" x 3-1/2" x 5/16" Angle Iron	12.50	5.54
		<i>For >100 To 250, Deduct</i>	-0.55	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500 To 1,000, Deduct</i>	-1.36	
		<i>For >1,000, Deduct</i>	-1.86	
		<i>For 316 Stainless Steel, Add</i>	16.38	
		<i>For Aluminum, Add</i>	0.92	
		<i>For Galvanized Steel, Add</i>	3.17	
		<i>For 304 Stainless Steel, Add</i>	14.59	
		<i>For High Strength Steel (HSS), Add</i>	2.50	
05 12 23 00-0483	LF	4" x 3" x 5/16" Angle Iron	12.50	5.54
		<i>For >100 To 250, Deduct</i>	-0.55	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500 To 1,000, Deduct</i>	-1.36	
		<i>For >1,000, Deduct</i>	-1.86	
		<i>For 316 Stainless Steel, Add</i>	16.38	
		<i>For Aluminum, Add</i>	0.92	
		<i>For Galvanized Steel, Add</i>	3.17	
		<i>For 304 Stainless Steel, Add</i>	14.59	
		<i>For High Strength Steel (HSS), Add</i>	2.50	
05 12 23 00-0484	LF	4" x 3-1/2" x 5/16" Angle Iron	13.29	5.86
		<i>For >100 To 250, Deduct</i>	-0.59	
		<i>For >250 To 500, Deduct</i>	-0.92	
		<i>For >500 To 1,000, Deduct</i>	-1.45	
		<i>For >1,000, Deduct</i>	-1.97	
		<i>For 316 Stainless Steel, Add</i>	17.54	
		<i>For Aluminum, Add</i>	0.99	
		<i>For Galvanized Steel, Add</i>	3.40	
		<i>For 304 Stainless Steel, Add</i>	15.62	
		<i>For High Strength Steel (HSS), Add</i>	2.66	
05 12 23 00-0485	LF	4" x 4" x 5/16" Angle Iron	14.00	6.12
		<i>For >100 To 250, Deduct</i>	-0.61	
		<i>For >250 To 500, Deduct</i>	-0.96	
		<i>For >500 To 1,000, Deduct</i>	-1.52	
		<i>For >1,000, Deduct</i>	-2.07	
		<i>For 316 Stainless Steel, Add</i>	18.72	
		<i>For Aluminum, Add</i>	1.05	
		<i>For Galvanized Steel, Add</i>	3.63	
		<i>For 304 Stainless Steel, Add</i>	16.67	
		<i>For High Strength Steel (HSS), Add</i>	2.80	
05 12 23 00-0486	LF	5" x 3" x 5/16" Angle Iron	14.00	6.12
		<i>For >100 To 250, Deduct</i>	-0.61	
		<i>For >250 To 500, Deduct</i>	-0.96	
		<i>For >500 To 1,000, Deduct</i>	-1.52	
		<i>For >1,000, Deduct</i>	-2.07	
		<i>For 316 Stainless Steel, Add</i>	18.72	
		<i>For Aluminum, Add</i>	1.05	
		<i>For Galvanized Steel, Add</i>	3.63	
		<i>For 304 Stainless Steel, Add</i>	16.67	
		<i>For High Strength Steel (HSS), Add</i>	2.80	
05 12 23 00-0487	LF	5" x 3-1/2" x 5/16" Angle Iron	14.68	6.37
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.00	
		<i>For >500 To 1,000, Deduct</i>	-1.58	
		<i>For >1,000, Deduct</i>	-2.16	
		<i>For 316 Stainless Steel, Add</i>	19.81	
		<i>For Aluminum, Add</i>	1.11	
		<i>For Galvanized Steel, Add</i>	3.84	
		<i>For 304 Stainless Steel, Add</i>	17.64	
		<i>For High Strength Steel (HSS), Add</i>	2.94	
05 12 23 00-0488	LF	5" x 5" x 5/16" Angle Iron	16.21	6.64
		<i>For >100 To 250, Deduct</i>	-0.66	
		<i>For >250 To 500, Deduct</i>	-1.07	
		<i>For >500 To 1,000, Deduct</i>	-1.70	
		<i>For >1,000, Deduct</i>	-2.32	
		<i>For 316 Stainless Steel, Add</i>	23.52	
		<i>For Aluminum, Add</i>	1.32	
		<i>For Galvanized Steel, Add</i>	4.56	
		<i>For 304 Stainless Steel, Add</i>	20.95	
		<i>For High Strength Steel (HSS), Add</i>	3.24	
05 12 23 00-0489	LF	6" x 3-1/2" x 5/16" Angle Iron	16.19	6.91
		<i>For >100 To 250, Deduct</i>	-0.69	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500 To 1,000, Deduct</i>	-1.73	
		<i>For >1,000, Deduct</i>	-2.37	
		<i>For 316 Stainless Steel, Add</i>	22.30	
		<i>For Aluminum, Add</i>	1.25	
		<i>For Galvanized Steel, Add</i>	4.32	
		<i>For 304 Stainless Steel, Add</i>	19.86	
		<i>For High Strength Steel (HSS), Add</i>	3.24	

05 12 23 00-0490 3/8" Thick (05 12 23 00-0438)

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0491	LF	3" x 2" x 3/8" Angle Iron	10.08	4.41
		For >100 To 250, Deduct	-0.44	
		For >250 To 500, Deduct	-0.69	
		For >500 To 1,000, Deduct	-1.09	
		For >1,000, Deduct	-1.49	
		For 316 Stainless Steel, Add	13.44	
		For Aluminum, Add	0.76	
		For Galvanized Steel, Add	2.60	
		For 304 Stainless Steel, Add	11.97	
		For High Strength Steel (HSS), Add	2.02	
05 12 23 00-0492	LF	3" x 2-1/2" x 3/8" Angle Iron	11.08	4.78
		For >100 To 250, Deduct	-0.48	
		For >250 To 500, Deduct	-0.75	
		For >500 To 1,000, Deduct	-1.19	
		For >1,000, Deduct	-1.63	
		For 316 Stainless Steel, Add	15.07	
		For Aluminum, Add	0.85	
		For Galvanized Steel, Add	2.92	
		For 304 Stainless Steel, Add	13.42	
		For High Strength Steel (HSS), Add	2.22	
05 12 23 00-0493	LF	3" x 3" x 3/8" Angle Iron	11.98	5.14
		For >100 To 250, Deduct	-0.51	
		For >250 To 500, Deduct	-0.81	
		For >500 To 1,000, Deduct	-1.29	
		For >1,000, Deduct	-1.76	
		For 316 Stainless Steel, Add	16.38	
		For Aluminum, Add	0.92	
		For Galvanized Steel, Add	3.17	
		For 304 Stainless Steel, Add	14.59	
		For High Strength Steel (HSS), Add	2.40	
05 12 23 00-0494	LF	3-1/2" x 3" x 3/8" Angle Iron	12.68	5.28
		For >100 To 250, Deduct	-0.53	
		For >250 To 500, Deduct	-0.85	
		For >500 To 1,000, Deduct	-1.34	
		For >1,000, Deduct	-1.83	
		For 316 Stainless Steel, Add	18.05	
		For Aluminum, Add	1.02	
		For Galvanized Steel, Add	3.50	
		For 304 Stainless Steel, Add	16.07	
		For High Strength Steel (HSS), Add	2.54	
05 12 23 00-0495	LF	3-1/2" x 3-1/2" x 3/8" Angle Iron	13.49	5.58
		For >100 To 250, Deduct	-0.56	
		For >250 To 500, Deduct	-0.90	
		For >500 To 1,000, Deduct	-1.42	
		For >1,000, Deduct	-1.94	
		For 316 Stainless Steel, Add	19.36	
		For Aluminum, Add	1.09	
		For Galvanized Steel, Add	3.75	
		For 304 Stainless Steel, Add	17.24	
		For High Strength Steel (HSS), Add	2.70	
05 12 23 00-0496	LF	4" x 3" x 3/8" Angle Iron	13.49	5.58
		For >100 To 250, Deduct	-0.56	
		For >250 To 500, Deduct	-0.90	
		For >500 To 1,000, Deduct	-1.42	
		For >1,000, Deduct	-1.94	
		For 316 Stainless Steel, Add	19.36	
		For Aluminum, Add	1.09	
		For Galvanized Steel, Add	3.75	
		For 304 Stainless Steel, Add	17.24	
		For High Strength Steel (HSS), Add	2.70	
05 12 23 00-0497	LF	4" x 3-1/2" x 3/8" Angle Iron	14.58	6.08
		For >100 To 250, Deduct	-0.61	
		For >250 To 500, Deduct	-0.97	
		For >500 To 1,000, Deduct	-1.54	
		For >1,000, Deduct	-2.11	
		For 316 Stainless Steel, Add	20.74	
		For Aluminum, Add	1.17	
		For Galvanized Steel, Add	4.02	
		For 304 Stainless Steel, Add	18.47	
		For High Strength Steel (HSS), Add	2.92	
05 12 23 00-0498	LF	4" x 4" x 3/8" Angle Iron	15.30	6.25
		For >100 To 250, Deduct	-0.62	
		For >250 To 500, Deduct	-1.01	
		For >500 To 1,000, Deduct	-1.60	
		For >1,000, Deduct	-2.19	
		For 316 Stainless Steel, Add	22.30	
		For Aluminum, Add	1.25	
		For Galvanized Steel, Add	4.32	
		For 304 Stainless Steel, Add	19.86	
		For High Strength Steel (HSS), Add	3.06	
05 12 23 00-0499	LF	5" x 3" x 3/8" Angle Iron	15.64	6.50
		For >100 To 250, Deduct	-0.65	
		For >250 To 500, Deduct	-1.04	
		For >500 To 1,000, Deduct	-1.65	
		For >1,000, Deduct	-2.26	
		For 316 Stainless Steel, Add	22.30	
		For Aluminum, Add	1.25	
		For Galvanized Steel, Add	4.32	
		For 304 Stainless Steel, Add	19.86	
		For High Strength Steel (HSS), Add	3.13	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0500	LF	5" x 3-1/2" x 3/8" Angle Iron	16.74	7.00
		<i>For >100 To 250, Deduct</i>	-0.70	
		<i>For >250 To 500, Deduct</i>	-1.12	
		<i>For >500 To 1,000, Deduct</i>	-1.77	
		<i>For >1,000, Deduct</i>	-2.42	
		<i>For 316 Stainless Steel, Add</i>	23.68	
		<i>For Aluminum, Add</i>	1.33	
		<i>For Galvanized Steel, Add</i>	4.59	
		<i>For 304 Stainless Steel, Add</i>	21.09	
		<i>For High Strength Steel (HSS), Add</i>	3.35	
05 12 23 00-0501	LF	5" x 5" x 3/8" Angle Iron	19.66	8.16
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.31	
		<i>For >500 To 1,000, Deduct</i>	-2.07	
		<i>For >1,000, Deduct</i>	-2.83	
		<i>For 316 Stainless Steel, Add</i>	28.10	
		<i>For Aluminum, Add</i>	1.58	
		<i>For Galvanized Steel, Add</i>	5.44	
		<i>For 304 Stainless Steel, Add</i>	25.02	
		<i>For High Strength Steel (HSS), Add</i>	3.93	
05 12 23 00-0502	LF	6" x 3-1/2" x 3/8" Angle Iron	18.44	7.59
		<i>For >100 To 250, Deduct</i>	-0.76	
		<i>For >250 To 500, Deduct</i>	-1.22	
		<i>For >500 To 1,000, Deduct</i>	-1.93	
		<i>For >1,000, Deduct</i>	-2.65	
		<i>For 316 Stainless Steel, Add</i>	26.66	
		<i>For Aluminum, Add</i>	1.50	
		<i>For Galvanized Steel, Add</i>	5.16	
		<i>For 304 Stainless Steel, Add</i>	23.74	
		<i>For High Strength Steel (HSS), Add</i>	3.69	
05 12 23 00-0503	LF	6" x 4" x 3/8" Angle Iron	19.66	8.16
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.31	
		<i>For >500 To 1,000, Deduct</i>	-2.07	
		<i>For >1,000, Deduct</i>	-2.83	
		<i>For 316 Stainless Steel, Add</i>	28.10	
		<i>For Aluminum, Add</i>	1.58	
		<i>For Galvanized Steel, Add</i>	5.44	
		<i>For 304 Stainless Steel, Add</i>	25.02	
		<i>For High Strength Steel (HSS), Add</i>	3.93	
05 12 23 00-0504	LF	6" x 6" x 3/8" Angle Iron	23.68	9.80
		<i>For >100 To 250, Deduct</i>	-0.98	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500 To 1,000, Deduct</i>	-2.49	
		<i>For >1,000, Deduct</i>	-3.41	
		<i>For 316 Stainless Steel, Add</i>	34.02	
		<i>For Aluminum, Add</i>	1.91	
		<i>For Galvanized Steel, Add</i>	6.59	
		<i>For 304 Stainless Steel, Add</i>	30.30	
		<i>For High Strength Steel (HSS), Add</i>	4.74	
05 12 23 00-0505	LF	7" x 4" x 3/8" Angle Iron	21.68	8.98
		<i>For >100 To 250, Deduct</i>	-0.90	
		<i>For >250 To 500, Deduct</i>	-1.44	
		<i>For >500 To 1,000, Deduct</i>	-2.28	
		<i>For >1,000, Deduct</i>	-3.12	
		<i>For 316 Stainless Steel, Add</i>	31.04	
		<i>For Aluminum, Add</i>	1.75	
		<i>For Galvanized Steel, Add</i>	6.01	
		<i>For 304 Stainless Steel, Add</i>	27.65	
		<i>For High Strength Steel (HSS), Add</i>	4.34	
05 12 23 00-0506		1/2" Thick (05 12 23 00-0438)		
05 12 23 00-0507	LF	3" x 3" x 1/2" Angle Iron	13.71	5.25
		<i>For >100 To 250, Deduct</i>	-0.53	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500 To 1,000, Deduct</i>	-1.39	
		<i>For >1,000, Deduct</i>	-1.90	
		<i>For 316 Stainless Steel, Add</i>	21.47	
		<i>For Aluminum, Add</i>	1.21	
		<i>For Galvanized Steel, Add</i>	4.16	
		<i>For 304 Stainless Steel, Add</i>	19.12	
		<i>For High Strength Steel (HSS), Add</i>	2.74	
05 12 23 00-0508	LF	4" x 3" x 1/2" Angle Iron	16.19	6.21
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.03	
		<i>For >500 To 1,000, Deduct</i>	-1.64	
		<i>For >1,000, Deduct</i>	-2.25	
		<i>For 316 Stainless Steel, Add</i>	25.34	
		<i>For Aluminum, Add</i>	1.43	
		<i>For Galvanized Steel, Add</i>	4.91	
		<i>For 304 Stainless Steel, Add</i>	22.57	
		<i>For High Strength Steel (HSS), Add</i>	3.24	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0509	LF			4" x 3-1/2" x 1/2" Angle Iron.....	17.36	6.65
				For >100 To 250, Deduct	-0.67	
				For >250 To 500, Deduct	-1.10	
				For >500 To 1,000, Deduct	-1.76	
				For >1,000, Deduct	-2.41	
				For 316 Stainless Steel, Add	27.17	
				For Aluminum, Add	1.53	
				For Galvanized Steel, Add	5.26	
				For 304 Stainless Steel, Add	24.20	
				For High Strength Steel (HSS), Add	3.47	
05 12 23 00-0510	LF			4" x 4" x 1/2" Angle Iron.....	18.67	7.16
				For >100 To 250, Deduct	-0.72	
				For >250 To 500, Deduct	-1.18	
				For >500 To 1,000, Deduct	-1.89	
				For >1,000, Deduct	-2.59	
				For 316 Stainless Steel, Add	29.22	
				For Aluminum, Add	1.64	
				For Galvanized Steel, Add	5.66	
				For 304 Stainless Steel, Add	26.02	
				For High Strength Steel (HSS), Add	3.73	
05 12 23 00-0511	LF			5" x 3" x 1/2" Angle Iron.....	18.67	7.16
				For >100 To 250, Deduct	-0.72	
				For >250 To 500, Deduct	-1.18	
				For >500 To 1,000, Deduct	-1.89	
				For >1,000, Deduct	-2.59	
				For 316 Stainless Steel, Add	29.22	
				For Aluminum, Add	1.64	
				For Galvanized Steel, Add	5.66	
				For 304 Stainless Steel, Add	26.02	
				For High Strength Steel (HSS), Add	3.73	
05 12 23 00-0512	LF			5" x 3-1/2" x 1/2" Angle Iron.....	19.83	7.61
				For >100 To 250, Deduct	-0.76	
				For >250 To 500, Deduct	-1.26	
				For >500 To 1,000, Deduct	-2.00	
				For >1,000, Deduct	-2.75	
				For 316 Stainless Steel, Add	31.04	
				For Aluminum, Add	1.75	
				For Galvanized Steel, Add	6.01	
				For 304 Stainless Steel, Add	27.65	
				For High Strength Steel (HSS), Add	3.97	
05 12 23 00-0513	LF			5" x 5" x 1/2" Angle Iron.....	23.64	9.06
				For >100 To 250, Deduct	-0.91	
				For >250 To 500, Deduct	-1.50	
				For >500 To 1,000, Deduct	-2.39	
				For >1,000, Deduct	-3.28	
				For 316 Stainless Steel, Add	36.99	
				For Aluminum, Add	2.08	
				For Galvanized Steel, Add	7.17	
				For 304 Stainless Steel, Add	32.95	
				For High Strength Steel (HSS), Add	4.73	
05 12 23 00-0514	LF			6" x 4" x 1/2" Angle Iron.....	23.64	9.06
				For >100 To 250, Deduct	-0.91	
				For >250 To 500, Deduct	-1.50	
				For >500 To 1,000, Deduct	-2.39	
				For >1,000, Deduct	-3.28	
				For 316 Stainless Steel, Add	36.99	
				For Aluminum, Add	2.08	
				For Galvanized Steel, Add	7.17	
				For 304 Stainless Steel, Add	32.95	
				For High Strength Steel (HSS), Add	4.73	
05 12 23 00-0515	LF			6" x 6" x 1/2" Angle Iron.....	28.59	10.96
				For >100 To 250, Deduct	-1.10	
				For >250 To 500, Deduct	-1.81	
				For >500 To 1,000, Deduct	-2.89	
				For >1,000, Deduct	-3.97	
				For 316 Stainless Steel, Add	44.74	
				For Aluminum, Add	2.52	
				For Galvanized Steel, Add	8.67	
				For 304 Stainless Steel, Add	39.84	
				For High Strength Steel (HSS), Add	5.72	
05 12 23 00-0516	LF			7" x 4" x 1/2" Angle Iron.....	26.12	10.00
				For >100 To 250, Deduct	-1.00	
				For >250 To 500, Deduct	-1.65	
				For >500 To 1,000, Deduct	-2.64	
				For >1,000, Deduct	-3.63	
				For 316 Stainless Steel, Add	40.86	
				For Aluminum, Add	2.30	
				For Galvanized Steel, Add	7.92	
				For 304 Stainless Steel, Add	36.39	
				For High Strength Steel (HSS), Add	5.22	
05 12 23 00-0517	LF			8" x 4" x 1/2" Angle Iron.....	28.59	10.96
				For >100 To 250, Deduct	-1.10	
				For >250 To 500, Deduct	-1.81	
				For >500 To 1,000, Deduct	-2.89	
				For >1,000, Deduct	-3.97	
				For 316 Stainless Steel, Add	44.74	
				For Aluminum, Add	2.52	
				For Galvanized Steel, Add	8.67	
				For 304 Stainless Steel, Add	39.84	
				For High Strength Steel (HSS), Add	5.72	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0518	LF	8" x 6" x 1/2" Angle Iron	33.56	12.86
		<i>For >100 To 250, Deduct</i>	-1.29	
		<i>For >250 To 500, Deduct</i>	-2.13	
		<i>For >500 To 1,000, Deduct</i>	-3.39	
		<i>For >1,000, Deduct</i>	-4.66	
		<i>For 316 Stainless Steel, Add</i>	52.51	
		<i>For Aluminum, Add</i>	2.95	
		<i>For Galvanized Steel, Add</i>	10.17	
		<i>For 304 Stainless Steel, Add</i>	46.77	
		<i>For High Strength Steel (HSS), Add</i>	6.71	
05 12 23 00-0519	LF	8" x 8" x 1/2" Angle Iron	38.52	14.76
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-2.44	
		<i>For >500 To 1,000, Deduct</i>	-3.90	
		<i>For >1,000, Deduct</i>	-5.35	
		<i>For 316 Stainless Steel, Add</i>	60.26	
		<i>For Aluminum, Add</i>	3.39	
		<i>For Galvanized Steel, Add</i>	11.67	
		<i>For 304 Stainless Steel, Add</i>	53.67	
		<i>For High Strength Steel (HSS), Add</i>	7.70	
05 12 23 00-0520		5/8" Thick (05 12 23 00-0438)		
05 12 23 00-0521	LF	4" x 4" x 5/8" Angle Iron	22.14	8.20
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.37	
		<i>For >500 To 1,000, Deduct</i>	-2.20	
		<i>For >1,000, Deduct</i>	-3.03	
		<i>For 316 Stainless Steel, Add</i>	35.84	
		<i>For Aluminum, Add</i>	2.02	
		<i>For Galvanized Steel, Add</i>	6.94	
		<i>For High Strength Steel (HSS), Add</i>	4.43	
05 12 23 00-0522	LF	5" x 3-1/2" x 5/8" Angle Iron	23.69	8.78
		<i>For >100 To 250, Deduct</i>	-0.88	
		<i>For >250 To 500, Deduct</i>	-1.47	
		<i>For >500 To 1,000, Deduct</i>	-2.35	
		<i>For >1,000, Deduct</i>	-3.24	
		<i>For 316 Stainless Steel, Add</i>	38.37	
		<i>For Aluminum, Add</i>	2.16	
		<i>For Galvanized Steel, Add</i>	7.43	
		<i>For High Strength Steel (HSS), Add</i>	4.74	
05 12 23 00-0523	LF	5" x 5" x 5/8" Angle Iron	28.21	10.46
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.75	
		<i>For >500 To 1,000, Deduct</i>	-2.80	
		<i>For >1,000, Deduct</i>	-3.86	
		<i>For 316 Stainless Steel, Add</i>	45.66	
		<i>For Aluminum, Add</i>	2.57	
		<i>For Galvanized Steel, Add</i>	8.85	
		<i>For High Strength Steel (HSS), Add</i>	5.64	
05 12 23 00-0524	LF	6" x 4" x 5/8" Angle Iron	28.21	10.46
		<i>For >100 To 250, Deduct</i>	-1.05	
		<i>For >250 To 500, Deduct</i>	-1.75	
		<i>For >500 To 1,000, Deduct</i>	-2.80	
		<i>For >1,000, Deduct</i>	-3.86	
		<i>For 316 Stainless Steel, Add</i>	45.66	
		<i>For Aluminum, Add</i>	2.57	
		<i>For Galvanized Steel, Add</i>	8.85	
		<i>For High Strength Steel (HSS), Add</i>	5.64	
05 12 23 00-0525	LF	6" x 6" x 5/8" Angle Iron	34.14	12.65
		<i>For >100 To 250, Deduct</i>	-1.27	
		<i>For >250 To 500, Deduct</i>	-2.12	
		<i>For >500 To 1,000, Deduct</i>	-3.39	
		<i>For >1,000, Deduct</i>	-4.67	
		<i>For 316 Stainless Steel, Add</i>	55.26	
		<i>For Aluminum, Add</i>	3.11	
		<i>For Galvanized Steel, Add</i>	10.71	
		<i>For High Strength Steel (HSS), Add</i>	6.83	
05 12 23 00-0526	LF	7" x 4" x 5/8" Angle Iron	31.17	11.55
		<i>For >100 To 250, Deduct</i>	-1.16	
		<i>For >250 To 500, Deduct</i>	-1.93	
		<i>For >500 To 1,000, Deduct</i>	-3.10	
		<i>For >1,000, Deduct</i>	-4.26	
		<i>For 316 Stainless Steel, Add</i>	50.46	
		<i>For Aluminum, Add</i>	2.84	
		<i>For Galvanized Steel, Add</i>	9.78	
		<i>For High Strength Steel (HSS), Add</i>	6.23	
05 12 23 00-0527	LF	8" x 6" x 5/8" Angle Iron	40.19	14.90
		<i>For >100 To 250, Deduct</i>	-1.49	
		<i>For >250 To 500, Deduct</i>	-2.49	
		<i>For >500 To 1,000, Deduct</i>	-4.00	
		<i>For >1,000, Deduct</i>	-5.50	
		<i>For 316 Stainless Steel, Add</i>	65.06	
		<i>For Aluminum, Add</i>	3.66	
		<i>For Galvanized Steel, Add</i>	12.60	
		<i>For High Strength Steel (HSS), Add</i>	8.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
05 12 23 00-0528	LF		8" x 8" x 5/8" Angle Iron	46.12	17.09
			<i>For >100 To 250, Deduct</i>	-1.71	
			<i>For >250 To 500, Deduct</i>	-2.86	
			<i>For >500 To 1,000, Deduct</i>	-4.59	
			<i>For >1,000, Deduct</i>	-6.31	
			<i>For 316 Stainless Steel, Add</i>	74.66	
			<i>For Aluminum, Add</i>	4.20	
			<i>For Galvanized Steel, Add</i>	14.46	
			<i>For High Strength Steel (HSS), Add</i>	9.22	
05 12 23 00-0529			3/4" Thick <small>(05 12 23 00-0438)</small>		
05 12 23 00-0530	LF		4" x 4" x 3/4" Angle Iron	25.29	9.07
			<i>For >100 To 250, Deduct</i>	-0.91	
			<i>For >250 To 500, Deduct</i>	-1.54	
			<i>For >500 To 1,000, Deduct</i>	-2.47	
			<i>For >1,000, Deduct</i>	-3.41	
			<i>For 316 Stainless Steel, Add</i>	42.24	
			<i>For Aluminum, Add</i>	2.38	
			<i>For Galvanized Steel, Add</i>	8.18	
			<i>For High Strength Steel (HSS), Add</i>	5.06	
05 12 23 00-0531	LF		5" x 3-1/2" x 3/4" Angle Iron	27.05	9.70
			<i>For >100 To 250, Deduct</i>	-0.97	
			<i>For >250 To 500, Deduct</i>	-1.65	
			<i>For >500 To 1,000, Deduct</i>	-2.65	
			<i>For >1,000, Deduct</i>	-3.65	
			<i>For 316 Stainless Steel, Add</i>	45.18	
			<i>For Aluminum, Add</i>	2.54	
			<i>For Galvanized Steel, Add</i>	8.75	
			<i>For High Strength Steel (HSS), Add</i>	5.41	
05 12 23 00-0532	LF		5" x 5" x 3/4" Angle Iron	32.26	11.56
			<i>For >100 To 250, Deduct</i>	-1.16	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.16	
			<i>For >1,000, Deduct</i>	-4.35	
			<i>For 316 Stainless Steel, Add</i>	53.89	
			<i>For Aluminum, Add</i>	3.03	
			<i>For Galvanized Steel, Add</i>	10.44	
			<i>For High Strength Steel (HSS), Add</i>	6.45	
05 12 23 00-0533	LF		6" x 4" x 3/4" Angle Iron	32.26	11.56
			<i>For >100 To 250, Deduct</i>	-1.16	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.16	
			<i>For >1,000, Deduct</i>	-4.35	
			<i>For 316 Stainless Steel, Add</i>	53.89	
			<i>For Aluminum, Add</i>	3.03	
			<i>For Galvanized Steel, Add</i>	10.44	
			<i>For High Strength Steel (HSS), Add</i>	6.45	
05 12 23 00-0534	LF		6" x 6" x 3/4" Angle Iron	39.22	14.06
			<i>For >100 To 250, Deduct</i>	-1.41	
			<i>For >250 To 500, Deduct</i>	-2.39	
			<i>For >500 To 1,000, Deduct</i>	-3.84	
			<i>For >1,000, Deduct</i>	-5.29	
			<i>For 316 Stainless Steel, Add</i>	65.50	
			<i>For Aluminum, Add</i>	3.68	
			<i>For Galvanized Steel, Add</i>	12.69	
			<i>For High Strength Steel (HSS), Add</i>	7.84	
05 12 23 00-0535	LF		7" x 4" x 3/4" Angle Iron	35.81	12.84
			<i>For >100 To 250, Deduct</i>	-1.28	
			<i>For >250 To 500, Deduct</i>	-2.18	
			<i>For >500 To 1,000, Deduct</i>	-3.50	
			<i>For >1,000, Deduct</i>	-4.83	
			<i>For 316 Stainless Steel, Add</i>	59.81	
			<i>For Aluminum, Add</i>	3.36	
			<i>For Galvanized Steel, Add</i>	11.59	
			<i>For High Strength Steel (HSS), Add</i>	7.16	
05 12 23 00-0536	LF		8" x 4" x 3/4" Angle Iron	39.22	14.06
			<i>For >100 To 250, Deduct</i>	-1.41	
			<i>For >250 To 500, Deduct</i>	-2.39	
			<i>For >500 To 1,000, Deduct</i>	-3.84	
			<i>For >1,000, Deduct</i>	-5.29	
			<i>For 316 Stainless Steel, Add</i>	65.50	
			<i>For Aluminum, Add</i>	3.68	
			<i>For Galvanized Steel, Add</i>	12.69	
			<i>For High Strength Steel (HSS), Add</i>	7.84	
05 12 23 00-0537	LF		8" x 6" x 3/4" Angle Iron	46.20	16.56
			<i>For >100 To 250, Deduct</i>	-1.66	
			<i>For >250 To 500, Deduct</i>	-2.81	
			<i>For >500 To 1,000, Deduct</i>	-4.52	
			<i>For >1,000, Deduct</i>	-6.23	
			<i>For 316 Stainless Steel, Add</i>	77.18	
			<i>For Aluminum, Add</i>	4.34	
			<i>For Galvanized Steel, Add</i>	14.95	
			<i>For High Strength Steel (HSS), Add</i>	9.24	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0538	LF	8" x 8" x 3/4" Angle Iron	53.17	19.06
		<i>For >100 To 250, Deduct</i>	-1.91	
		<i>For >250 To 500, Deduct</i>	-3.24	
		<i>For >500 To 1,000, Deduct</i>	-5.20	
		<i>For >1,000, Deduct</i>	-7.16	
		<i>For 316 Stainless Steel, Add</i>	88.83	
		<i>For Aluminum, Add</i>	5.00	
		<i>For Galvanized Steel, Add</i>	17.21	
		<i>For High Strength Steel (HSS), Add</i>	10.63	
05 12 23 00-0539		7/8" Thick <small>(05 12 23 00-0438)</small>		
05 12 23 00-0540	LF	5" x 5" x 7/8" Angle Iron	35.99	12.44
		<i>For >100 To 250, Deduct</i>	-1.24	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500 To 1,000, Deduct</i>	-3.46	
		<i>For >1,000, Deduct</i>	-4.77	
		<i>For 316 Stainless Steel, Add</i>	62.08	
		<i>For Aluminum, Add</i>	3.49	
		<i>For Galvanized Steel, Add</i>	12.03	
		<i>For High Strength Steel (HSS), Add</i>	7.20	
05 12 23 00-0541	LF	6" x 4" x 7/8" Angle Iron	35.99	12.44
		<i>For >100 To 250, Deduct</i>	-1.24	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500 To 1,000, Deduct</i>	-3.46	
		<i>For >1,000, Deduct</i>	-4.77	
		<i>For 316 Stainless Steel, Add</i>	62.08	
		<i>For Aluminum, Add</i>	3.49	
		<i>For Galvanized Steel, Add</i>	12.03	
		<i>For High Strength Steel (HSS), Add</i>	7.20	
05 12 23 00-0542	LF	6" x 6" x 7/8" Angle Iron	43.80	15.14
		<i>For >100 To 250, Deduct</i>	-1.51	
		<i>For >250 To 500, Deduct</i>	-2.61	
		<i>For >500 To 1,000, Deduct</i>	-4.21	
		<i>For >1,000, Deduct</i>	-5.81	
		<i>For 316 Stainless Steel, Add</i>	75.58	
		<i>For Aluminum, Add</i>	4.25	
		<i>For Galvanized Steel, Add</i>	14.64	
		<i>For High Strength Steel (HSS), Add</i>	8.76	
05 12 23 00-0543	LF	8" x 6" x 7/8" Angle Iron	51.74	17.88
		<i>For >100 To 250, Deduct</i>	-1.79	
		<i>For >250 To 500, Deduct</i>	-3.08	
		<i>For >500 To 1,000, Deduct</i>	-4.97	
		<i>For >1,000, Deduct</i>	-6.86	
		<i>For 316 Stainless Steel, Add</i>	89.28	
		<i>For Aluminum, Add</i>	5.02	
		<i>For Galvanized Steel, Add</i>	17.30	
		<i>For High Strength Steel (HSS), Add</i>	10.35	
05 12 23 00-0544	LF	8" x 8" x 7/8" Angle Iron	59.54	20.58
		<i>For >100 To 250, Deduct</i>	-2.06	
		<i>For >250 To 500, Deduct</i>	-3.55	
		<i>For >500 To 1,000, Deduct</i>	-5.72	
		<i>For >1,000, Deduct</i>	-7.90	
		<i>For 316 Stainless Steel, Add</i>	102.72	
		<i>For Aluminum, Add</i>	5.78	
		<i>For Galvanized Steel, Add</i>	19.90	
		<i>For High Strength Steel (HSS), Add</i>	11.91	
05 12 23 00-0545		Bar Channel <small>(05 12 23 00-0437)</small>		
05 12 23 00-0546	LF	1" x 1/2" x 1/8" Thick Bar Channel	3.53	
		<i>For 316 Stainless Steel, Add</i>	2.50	
		<i>For Aluminum, Add</i>	0.14	
		<i>For Galvanized Steel, Add</i>	0.48	
		<i>For 304 Stainless Steel, Add</i>	2.22	
		<i>For High Strength Steel (HSS), Add</i>	0.71	
05 12 23 00-0547	LF	1-1/4" x 1/2" x 1/8" Thick Bar Channel	3.92	
		<i>For 316 Stainless Steel, Add</i>	2.98	
		<i>For Aluminum, Add</i>	0.17	
		<i>For Galvanized Steel, Add</i>	0.58	
		<i>For 304 Stainless Steel, Add</i>	2.65	
		<i>For High Strength Steel (HSS), Add</i>	0.78	
05 12 23 00-0548	LF	1-1/2" x 1/2" x 1/8" Thick Bar Channel	4.26	
		<i>For 316 Stainless Steel, Add</i>	3.30	
		<i>For Aluminum, Add</i>	0.19	
		<i>For Galvanized Steel, Add</i>	0.64	
		<i>For 304 Stainless Steel, Add</i>	2.94	
		<i>For High Strength Steel (HSS), Add</i>	0.85	
05 12 23 00-0549	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel	4.93	
		<i>For 316 Stainless Steel, Add</i>	3.42	
		<i>For Aluminum, Add</i>	0.19	
		<i>For Galvanized Steel, Add</i>	0.66	
		<i>For 304 Stainless Steel, Add</i>	3.05	
		<i>For High Strength Steel (HSS), Add</i>	0.99	
05 12 23 00-0550	LF	2" x 1/2" x 1/8" Thick Bar Channel	5.17	
		<i>For 316 Stainless Steel, Add</i>	4.19	
		<i>For Aluminum, Add</i>	0.24	
		<i>For Galvanized Steel, Add</i>	0.81	
		<i>For 304 Stainless Steel, Add</i>	3.73	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0551	LF		2" x 1" x 1/8" Thick Bar Channel	7.00	
				For 316 Stainless Steel, Add	4.70	
				For Aluminum, Add	0.26	
				For Galvanized Steel, Add	0.91	
				For 304 Stainless Steel, Add	4.19	
	05 12 23 00-0552			Channels - C <small>(05 12 23 00-0437)</small>		
	05 12 23 00-0553	LF		C2 x 1.78 - 2" Wide Channel	5.80	3.41
				For >100 To 250, Deduct	-0.34	
				For >250 To 500, Deduct	-0.49	
				For >500 To 1,000, Deduct	-0.75	
				For >1,000, Deduct	-1.00	
				For 316 Stainless Steel, Add	4.00	
				For Aluminum, Add	0.23	
				For Galvanized Steel, Add	0.78	
				For 304 Stainless Steel, Add	3.56	
	05 12 23 00-0554	LF		C3 x 4.1 - 3" Wide Channel	9.45	4.89
				For >100 To 250, Deduct	-0.49	
				For >250 To 500, Deduct	-0.73	
				For >500 To 1,000, Deduct	-1.13	
				For >1,000, Deduct	-1.53	
				For 316 Stainless Steel, Add	9.34	
				For Aluminum, Add	0.53	
				For Galvanized Steel, Add	1.81	
				For 304 Stainless Steel, Add	8.32	
	05 12 23 00-0555	LF		C3 x 5 - 3" Wide Channel	11.54	5.98
				For >100 To 250, Deduct	-0.60	
				For >250 To 500, Deduct	-0.89	
				For >500 To 1,000, Deduct	-1.37	
				For >1,000, Deduct	-1.86	
				For 316 Stainless Steel, Add	11.42	
				For Aluminum, Add	0.64	
				For Galvanized Steel, Add	2.21	
				For 304 Stainless Steel, Add	10.17	
	05 12 23 00-0556	LF		C3 x 6 - 3" Wide Channel	13.84	7.17
				For >100 To 250, Deduct	-0.72	
				For >250 To 500, Deduct	-1.06	
				For >500 To 1,000, Deduct	-1.65	
				For >1,000, Deduct	-2.23	
				For 316 Stainless Steel, Add	13.70	
				For Aluminum, Add	0.77	
				For Galvanized Steel, Add	2.65	
				For 304 Stainless Steel, Add	12.20	
	05 12 23 00-0557	LF		C4 x 5.4 - 4" Wide Channel	11.69	5.88
				For >100 To 250, Deduct	-0.59	
				For >250 To 500, Deduct	-0.88	
				For >500 To 1,000, Deduct	-1.37	
				For >1,000, Deduct	-1.86	
				For 316 Stainless Steel, Add	12.32	
				For Aluminum, Add	0.69	
				For Galvanized Steel, Add	2.39	
				For 304 Stainless Steel, Add	10.97	
	05 12 23 00-0558	LF		C4 x 7.25 - 4" Wide Channel	15.70	7.89
				For >100 To 250, Deduct	-0.79	
				For >250 To 500, Deduct	-1.18	
				For >500 To 1,000, Deduct	-1.84	
				For >1,000, Deduct	-2.49	
				For 316 Stainless Steel, Add	16.54	
				For Aluminum, Add	0.93	
				For Galvanized Steel, Add	3.21	
				For 304 Stainless Steel, Add	14.73	
	05 12 23 00-0559	LF		C5 x 6.7 - 5" Wide Channel	13.93	6.85
				For >100 To 250, Deduct	-0.69	
				For >250 To 500, Deduct	-1.03	
				For >500 To 1,000, Deduct	-1.61	
				For >1,000, Deduct	-2.19	
				For 316 Stainless Steel, Add	15.30	
				For Aluminum, Add	0.86	
				For Galvanized Steel, Add	2.96	
				For 304 Stainless Steel, Add	13.62	
	05 12 23 00-0560	LF		C5 x 9 - 5" Wide Channel	18.70	9.22
				For >100 To 250, Deduct	-0.92	
				For >250 To 500, Deduct	-1.39	
				For >500 To 1,000, Deduct	-2.16	
				For >1,000, Deduct	-2.94	
				For 316 Stainless Steel, Add	20.54	
				For Aluminum, Add	1.16	
				For Galvanized Steel, Add	3.98	
				For 304 Stainless Steel, Add	18.30	
	05 12 23 00-0561	LF		C6 x 8.2 - 6" Wide Channel	16.82	8.23
				For >100 To 250, Deduct	-0.82	
				For >250 To 500, Deduct	-1.24	
				For >500 To 1,000, Deduct	-1.94	
				For >1,000, Deduct	-2.63	
				For 316 Stainless Steel, Add	18.72	
				For Aluminum, Add	1.05	
				For Galvanized Steel, Add	3.63	
				For 304 Stainless Steel, Add	16.67	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0562	LF		C6 x 10.5 - 6" Wide Channel.....	21.54	10.54
			For >100 To 250, Deduct	-1.05	
			For >250 To 500, Deduct	-1.59	
			For >500 To 1,000, Deduct	-2.48	
			For >1,000, Deduct	-3.37	
			For 316 Stainless Steel, Add	23.97	
			For Aluminum, Add	1.35	
			For Galvanized Steel, Add	4.64	
			For 304 Stainless Steel, Add	21.35	
05 12 23 00-0563	LF		C6 x 13 - 6" Wide Channel.....	26.67	13.04
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-1.97	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.18	
			For 316 Stainless Steel, Add	29.66	
			For Aluminum, Add	1.67	
			For Galvanized Steel, Add	5.75	
			For 304 Stainless Steel, Add	26.42	
05 12 23 00-0564	LF		C7 x 9.8 - 7" Wide Channel.....	20.05	9.80
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.31	
			For >1,000, Deduct	-3.14	
			For 316 Stainless Steel, Add	22.37	
			For Aluminum, Add	1.26	
			For Galvanized Steel, Add	4.33	
			For 304 Stainless Steel, Add	19.92	
05 12 23 00-0565	LF		C7 x 12.25 - 7" Wide Channel.....	25.07	12.25
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-1.85	
			For >500 To 1,000, Deduct	-2.89	
			For >1,000, Deduct	-3.92	
			For 316 Stainless Steel, Add	27.97	
			For Aluminum, Add	1.57	
			For Galvanized Steel, Add	5.42	
			For 304 Stainless Steel, Add	24.91	
05 12 23 00-0566	LF		C7 x 14.75 - 7" Wide Channel.....	30.19	14.74
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-2.23	
			For >500 To 1,000, Deduct	-3.48	
			For >1,000, Deduct	-4.72	
			For 316 Stainless Steel, Add	33.66	
			For Aluminum, Add	1.89	
			For Galvanized Steel, Add	6.52	
			For 304 Stainless Steel, Add	29.98	
05 12 23 00-0567	LF		C8 x 11.5 - 8" Wide Channel.....	22.57	10.78
			For >100 To 250, Deduct	-1.08	
			For >250 To 500, Deduct	-1.64	
			For >500 To 1,000, Deduct	-2.57	
			For >1,000, Deduct	-3.49	
			For 316 Stainless Steel, Add	26.24	
			For Aluminum, Add	1.48	
			For Galvanized Steel, Add	5.08	
			For 304 Stainless Steel, Add	23.37	
05 12 23 00-0568	LF		C8 x 13.75 - 8" Wide Channel.....	27.00	12.89
			For >100 To 250, Deduct	-1.29	
			For >250 To 500, Deduct	-1.96	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.17	
			For 316 Stainless Steel, Add	31.39	
			For Aluminum, Add	1.77	
			For Galvanized Steel, Add	6.08	
			For 304 Stainless Steel, Add	27.96	
05 12 23 00-0569	LF		C8 x 18.75 - 8" Wide Channel.....	36.81	17.58
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.68	
			For >500 To 1,000, Deduct	-4.18	
			For >1,000, Deduct	-5.69	
			For 316 Stainless Steel, Add	42.82	
			For Aluminum, Add	2.41	
			For Galvanized Steel, Add	8.30	
			For 304 Stainless Steel, Add	38.13	
05 12 23 00-0570	LF		C9 x 13.4 - 9" Wide Channel.....	26.31	12.56
			For >100 To 250, Deduct	-1.26	
			For >250 To 500, Deduct	-1.91	
			For >500 To 1,000, Deduct	-2.99	
			For >1,000, Deduct	-4.07	
			For 316 Stainless Steel, Add	30.59	
			For Aluminum, Add	1.72	
			For Galvanized Steel, Add	5.93	
			For 304 Stainless Steel, Add	27.25	
05 12 23 00-0571	LF		C9 x 15 - 9" Wide Channel.....	29.44	14.06
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-2.14	
			For >500 To 1,000, Deduct	-3.35	
			For >1,000, Deduct	-4.55	
			For 316 Stainless Steel, Add	34.24	
			For Aluminum, Add	1.93	
			For Galvanized Steel, Add	6.63	
			For 304 Stainless Steel, Add	30.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0572	LF		C9 x 20 - 9" Wide Channel	39.27	18.74
			For >100 To 250, Deduct	-1.88	
			For >250 To 500, Deduct	-2.86	
			For >500 To 1,000, Deduct	-4.46	
			For >1,000, Deduct	-6.07	
			For 316 Stainless Steel, Add	45.66	
			For Aluminum, Add	2.57	
			For Galvanized Steel, Add	8.85	
			For 304 Stainless Steel, Add	40.67	
05 12 23 00-0573	LF		C10 x 15.3 - 10" Wide Channel	30.03	14.34
			For >100 To 250, Deduct	-1.43	
			For >250 To 500, Deduct	-2.18	
			For >500 To 1,000, Deduct	-3.41	
			For >1,000, Deduct	-4.64	
			For 316 Stainless Steel, Add	34.91	
			For Aluminum, Add	1.96	
			For Galvanized Steel, Add	6.76	
			For 304 Stainless Steel, Add	31.09	
05 12 23 00-0574	LF		C10 x 20 - 10" Wide Channel	39.27	18.74
			For >100 To 250, Deduct	-1.88	
			For >250 To 500, Deduct	-2.86	
			For >500 To 1,000, Deduct	-4.46	
			For >1,000, Deduct	-6.07	
			For 316 Stainless Steel, Add	45.66	
			For Aluminum, Add	2.57	
			For Galvanized Steel, Add	8.85	
			For 304 Stainless Steel, Add	40.67	
05 12 23 00-0575	LF		C10 x 25 - 10" Wide Channel	49.07	23.43
			For >100 To 250, Deduct	-2.34	
			For >250 To 500, Deduct	-3.57	
			For >500 To 1,000, Deduct	-5.58	
			For >1,000, Deduct	-7.59	
			For 316 Stainless Steel, Add	57.06	
			For Aluminum, Add	3.21	
			For Galvanized Steel, Add	11.05	
			For 304 Stainless Steel, Add	50.82	
05 12 23 00-0576	LF		C10 x 30 - 10" Wide Channel	58.89	28.12
			For >100 To 250, Deduct	-2.81	
			For >250 To 500, Deduct	-4.28	
			For >500 To 1,000, Deduct	-6.69	
			For >1,000, Deduct	-9.10	
			For 316 Stainless Steel, Add	68.48	
			For Aluminum, Add	3.85	
			For Galvanized Steel, Add	13.27	
			For 304 Stainless Steel, Add	60.99	
05 12 23 00-0577	LF		C12 x 20.7 - 12" Wide Channel	40.64	19.40
			For >100 To 250, Deduct	-1.94	
			For >250 To 500, Deduct	-2.96	
			For >500 To 1,000, Deduct	-4.62	
			For >1,000, Deduct	-6.28	
			For 316 Stainless Steel, Add	47.26	
			For Aluminum, Add	2.66	
			For Galvanized Steel, Add	9.16	
			For 304 Stainless Steel, Add	42.09	
05 12 23 00-0578	LF		C12 x 25 - 12" Wide Channel	49.07	23.43
			For >100 To 250, Deduct	-2.34	
			For >250 To 500, Deduct	-3.57	
			For >500 To 1,000, Deduct	-5.58	
			For >1,000, Deduct	-7.59	
			For 316 Stainless Steel, Add	57.06	
			For Aluminum, Add	3.21	
			For Galvanized Steel, Add	11.05	
			For 304 Stainless Steel, Add	50.82	
05 12 23 00-0579	LF		C12 x 30 - 12" Wide Channel	58.89	28.12
			For >100 To 250, Deduct	-2.81	
			For >250 To 500, Deduct	-4.28	
			For >500 To 1,000, Deduct	-6.69	
			For >1,000, Deduct	-9.10	
			For 316 Stainless Steel, Add	68.48	
			For Aluminum, Add	3.85	
			For Galvanized Steel, Add	13.27	
			For 304 Stainless Steel, Add	60.99	
05 12 23 00-0580	LF		C15 x 33.9 - 15" Wide Channel	66.55	31.77
			For >100 To 250, Deduct	-3.18	
			For >250 To 500, Deduct	-4.84	
			For >500 To 1,000, Deduct	-7.56	
			For >1,000, Deduct	-10.29	
			For 316 Stainless Steel, Add	77.38	
			For Aluminum, Add	4.35	
			For Galvanized Steel, Add	14.99	
			For 304 Stainless Steel, Add	68.91	
05 12 23 00-0581	LF		C15 x 40 - 15" Wide Channel	78.52	37.49
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-5.71	
			For >500 To 1,000, Deduct	-8.93	
			For >1,000, Deduct	-12.14	
			For 316 Stainless Steel, Add	91.30	
			For Aluminum, Add	5.14	
			For Galvanized Steel, Add	17.69	
			For 304 Stainless Steel, Add	81.31	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0582	LF	C15 x 50 - 15" Wide Channel.....	98.16	46.86
		<i>For >100 To 250, Deduct</i>	-4.69	
		<i>For >250 To 500, Deduct</i>	-7.14	
		<i>For >500 To 1,000, Deduct</i>	-11.16	
		<i>For >1,000, Deduct</i>	-15.17	
		<i>For 316 Stainless Steel, Add</i>	114.14	
		<i>For Aluminum, Add</i>	6.42	
		<i>For Galvanized Steel, Add</i>	22.12	
		<i>For 304 Stainless Steel, Add</i>	101.66	
05 12 23 00-0583		Miscellaneous Channels - MC <small>(05 12 23 00-0437)</small>		
05 12 23 00-0584	LF	MC6 x 12 - 6" Wide Channel.....	24.62	12.05
		<i>For >100 To 250, Deduct</i>	-1.20	
		<i>For >250 To 500, Deduct</i>	-1.82	
		<i>For >500 To 1,000, Deduct</i>	-2.84	
		<i>For >1,000, Deduct</i>	-3.85	
		<i>For 316 Stainless Steel, Add</i>	27.39	
		<i>For Aluminum, Add</i>	1.54	
		<i>For Galvanized Steel, Add</i>	5.31	
		<i>For 304 Stainless Steel, Add</i>	24.40	
05 12 23 00-0585	LF	MC6 x 15.1 - 6" Wide Channel.....	30.98	15.16
		<i>For >100 To 250, Deduct</i>	-1.52	
		<i>For >250 To 500, Deduct</i>	-2.29	
		<i>For >500 To 1,000, Deduct</i>	-3.57	
		<i>For >1,000, Deduct</i>	-4.85	
		<i>For 316 Stainless Steel, Add</i>	34.46	
		<i>For Aluminum, Add</i>	1.94	
		<i>For Galvanized Steel, Add</i>	6.68	
		<i>For 304 Stainless Steel, Add</i>	30.69	
05 12 23 00-0586	LF	MC6 x 15.3 - 6" Wide Channel.....	31.39	15.36
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-2.32	
		<i>For >500 To 1,000, Deduct</i>	-3.62	
		<i>For >1,000, Deduct</i>	-4.91	
		<i>For 316 Stainless Steel, Add</i>	34.91	
		<i>For Aluminum, Add</i>	1.96	
		<i>For Galvanized Steel, Add</i>	6.76	
		<i>For 304 Stainless Steel, Add</i>	31.09	
05 12 23 00-0587	LF	MC6 x 16.3 - 6" Wide Channel.....	33.45	16.35
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.47	
		<i>For >500 To 1,000, Deduct</i>	-3.85	
		<i>For >1,000, Deduct</i>	-5.24	
		<i>For 316 Stainless Steel, Add</i>	37.22	
		<i>For Aluminum, Add</i>	2.09	
		<i>For Galvanized Steel, Add</i>	7.21	
		<i>For 304 Stainless Steel, Add</i>	33.15	
05 12 23 00-0588	LF	MC6 x 18 - 6" Wide Channel.....	36.93	18.07
		<i>For >100 To 250, Deduct</i>	-1.81	
		<i>For >250 To 500, Deduct</i>	-2.73	
		<i>For >500 To 1,000, Deduct</i>	-4.26	
		<i>For >1,000, Deduct</i>	-5.78	
		<i>For 316 Stainless Steel, Add</i>	41.09	
		<i>For Aluminum, Add</i>	2.31	
		<i>For Galvanized Steel, Add</i>	7.96	
		<i>For 304 Stainless Steel, Add</i>	36.59	
05 12 23 00-0589	LF	MC7 x 17.6 - 7" Wide Channel.....	36.02	17.60
		<i>For >100 To 250, Deduct</i>	-1.76	
		<i>For >250 To 500, Deduct</i>	-2.66	
		<i>For >500 To 1,000, Deduct</i>	-4.15	
		<i>For >1,000, Deduct</i>	-5.64	
		<i>For 316 Stainless Steel, Add</i>	40.16	
		<i>For Aluminum, Add</i>	2.26	
		<i>For Galvanized Steel, Add</i>	7.78	
		<i>For 304 Stainless Steel, Add</i>	35.77	
05 12 23 00-0590	LF	MC7 x 19.1 - 7" Wide Channel.....	39.09	19.10
		<i>For >100 To 250, Deduct</i>	-1.91	
		<i>For >250 To 500, Deduct</i>	-2.89	
		<i>For >500 To 1,000, Deduct</i>	-4.50	
		<i>For >1,000, Deduct</i>	-6.12	
		<i>For 316 Stainless Steel, Add</i>	43.58	
		<i>For Aluminum, Add</i>	2.45	
		<i>For Galvanized Steel, Add</i>	8.44	
		<i>For 304 Stainless Steel, Add</i>	38.82	
05 12 23 00-0591	LF	MC7 x 22.7 - 7" Wide Channel.....	46.46	22.69
		<i>For >100 To 250, Deduct</i>	-2.27	
		<i>For >250 To 500, Deduct</i>	-3.43	
		<i>For >500 To 1,000, Deduct</i>	-5.35	
		<i>For >1,000, Deduct</i>	-7.27	
		<i>For 316 Stainless Steel, Add</i>	51.81	
		<i>For Aluminum, Add</i>	2.91	
		<i>For Galvanized Steel, Add</i>	10.04	
		<i>For 304 Stainless Steel, Add</i>	46.14	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0592	LF	MC8 x 8.5 - 8" Wide Channel	16.69	7.97
		For >100 To 250, Deduct	-0.80	
		For >250 To 500, Deduct	-1.21	
		For >500 To 1,000, Deduct	-1.90	
		For >1,000, Deduct	-2.58	
		For 316 Stainless Steel, Add	19.39	
		For Aluminum, Add	1.09	
		For Galvanized Steel, Add	3.76	
		For 304 Stainless Steel, Add	17.27	
05 12 23 00-0593	LF	MC8 x 18.7 - 8" Wide Channel	36.71	17.52
		For >100 To 250, Deduct	-1.75	
		For >250 To 500, Deduct	-2.67	
		For >500 To 1,000, Deduct	-4.17	
		For >1,000, Deduct	-5.67	
		For 316 Stainless Steel, Add	42.69	
		For Aluminum, Add	2.40	
		For Galvanized Steel, Add	8.27	
		For 304 Stainless Steel, Add	38.02	
05 12 23 00-0594	LF	MC8 x 20 - 8" Wide Channel	39.27	18.74
		For >100 To 250, Deduct	-1.88	
		For >250 To 500, Deduct	-2.86	
		For >500 To 1,000, Deduct	-4.46	
		For >1,000, Deduct	-6.07	
		For 316 Stainless Steel, Add	45.66	
		For Aluminum, Add	2.57	
		For Galvanized Steel, Add	8.85	
		For 304 Stainless Steel, Add	40.67	
05 12 23 00-0595	LF	MC8 x 21.4 - 8" Wide Channel	42.02	20.06
		For >100 To 250, Deduct	-2.01	
		For >250 To 500, Deduct	-3.06	
		For >500 To 1,000, Deduct	-4.78	
		For >1,000, Deduct	-6.50	
		For 316 Stainless Steel, Add	48.86	
		For Aluminum, Add	2.75	
		For Galvanized Steel, Add	9.47	
		For 304 Stainless Steel, Add	43.52	
05 12 23 00-0596	LF	MC8 x 22.8 - 8" Wide Channel	44.75	21.38
		For >100 To 250, Deduct	-2.14	
		For >250 To 500, Deduct	-3.26	
		For >500 To 1,000, Deduct	-5.09	
		For >1,000, Deduct	-6.92	
		For 316 Stainless Steel, Add	52.03	
		For Aluminum, Add	2.93	
		For Galvanized Steel, Add	10.08	
		For 304 Stainless Steel, Add	46.34	
05 12 23 00-0597	LF	MC9 x 23.9 - 9" Wide Channel	46.92	22.40
		For >100 To 250, Deduct	-2.24	
		For >250 To 500, Deduct	-3.41	
		For >500 To 1,000, Deduct	-5.33	
		For >1,000, Deduct	-7.25	
		For 316 Stainless Steel, Add	54.56	
		For Aluminum, Add	3.07	
		For Galvanized Steel, Add	10.57	
		For 304 Stainless Steel, Add	48.59	
05 12 23 00-0598	LF	MC9 x 25.4 - 9" Wide Channel	49.86	23.80
		For >100 To 250, Deduct	-2.38	
		For >250 To 500, Deduct	-3.63	
		For >500 To 1,000, Deduct	-5.67	
		For >1,000, Deduct	-7.71	
		For 316 Stainless Steel, Add	57.98	
		For Aluminum, Add	3.26	
		For Galvanized Steel, Add	11.23	
		For 304 Stainless Steel, Add	51.64	
05 12 23 00-0599	LF	MC10 x 6.5 - 10" Wide Channel.....	12.76	6.09
		For >100 To 250, Deduct	-0.61	
		For >250 To 500, Deduct	-0.93	
		For >500 To 1,000, Deduct	-1.45	
		For >1,000, Deduct	-1.97	
		For 316 Stainless Steel, Add	14.85	
		For Aluminum, Add	0.84	
		For Galvanized Steel, Add	2.88	
		For 304 Stainless Steel, Add	13.22	
05 12 23 00-0600	LF	MC10 x 8.4 - 10" Wide Channel.....	16.49	7.87
		For >100 To 250, Deduct	-0.79	
		For >250 To 500, Deduct	-1.20	
		For >500 To 1,000, Deduct	-1.87	
		For >1,000, Deduct	-2.55	
		For 316 Stainless Steel, Add	19.17	
		For Aluminum, Add	1.08	
		For Galvanized Steel, Add	3.71	
		For 304 Stainless Steel, Add	17.07	
05 12 23 00-0601	LF	MC10 x 21.9 - 10" Wide Channel.....	42.98	20.53
		For >100 To 250, Deduct	-2.05	
		For >250 To 500, Deduct	-3.13	
		For >500 To 1,000, Deduct	-4.89	
		For >1,000, Deduct	-6.64	
		For 316 Stainless Steel, Add	49.98	
		For Aluminum, Add	2.81	
		For Galvanized Steel, Add	9.68	
		For 304 Stainless Steel, Add	44.52	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0602	LF		MC10 x 24.9 - 10" Wide Channel.....	48.88	23.34
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.56	
			For >500 To 1,000, Deduct	-5.56	
			For >1,000, Deduct	-7.56	
			For 316 Stainless Steel, Add	56.83	
			For Aluminum, Add	3.20	
			For Galvanized Steel, Add	11.01	
			For 304 Stainless Steel, Add	50.62	
05 12 23 00-0603	LF		MC10 x 25.3 - 10" Wide Channel.....	49.67	23.72
			For >100 To 250, Deduct	-2.37	
			For >250 To 500, Deduct	-3.61	
			For >500 To 1,000, Deduct	-5.65	
			For >1,000, Deduct	-7.68	
			For 316 Stainless Steel, Add	57.76	
			For Aluminum, Add	3.25	
			For Galvanized Steel, Add	11.19	
			For 304 Stainless Steel, Add	51.44	
05 12 23 00-0604	LF		MC10 x 28.3 - 10" Wide Channel.....	55.57	26.52
			For >100 To 250, Deduct	-2.65	
			For >250 To 500, Deduct	-4.04	
			For >500 To 1,000, Deduct	-6.32	
			For >1,000, Deduct	-8.59	
			For 316 Stainless Steel, Add	64.61	
			For Aluminum, Add	3.63	
			For Galvanized Steel, Add	12.52	
			For 304 Stainless Steel, Add	57.54	
05 12 23 00-0605	LF		MC10 x 28.5 - 10" Wide Channel.....	55.95	26.71
			For >100 To 250, Deduct	-2.67	
			For >250 To 500, Deduct	-4.07	
			For >500 To 1,000, Deduct	-6.36	
			For >1,000, Deduct	-8.65	
			For 316 Stainless Steel, Add	65.06	
			For Aluminum, Add	3.66	
			For Galvanized Steel, Add	12.60	
			For 304 Stainless Steel, Add	57.94	
05 12 23 00-0606	LF		MC10 x 33.6 - 10" Wide Channel.....	65.96	31.50
			For >100 To 250, Deduct	-3.15	
			For >250 To 500, Deduct	-4.80	
			For >500 To 1,000, Deduct	-7.50	
			For >1,000, Deduct	-10.20	
			For 316 Stainless Steel, Add	76.70	
			For Aluminum, Add	4.31	
			For Galvanized Steel, Add	14.86	
			For 304 Stainless Steel, Add	68.31	
05 12 23 00-0607	LF		MC10 x 41.1 - 10" Wide Channel.....	80.69	38.53
			For >100 To 250, Deduct	-3.85	
			For >250 To 500, Deduct	-5.87	
			For >500 To 1,000, Deduct	-9.17	
			For >1,000, Deduct	-12.47	
			For 316 Stainless Steel, Add	93.82	
			For Aluminum, Add	5.28	
			For Galvanized Steel, Add	18.18	
			For 304 Stainless Steel, Add	83.56	
05 12 23 00-0608	LF		MC12 x 30.9 - 12" Wide Channel.....	60.67	28.96
			For >100 To 250, Deduct	-2.90	
			For >250 To 500, Deduct	-4.41	
			For >500 To 1,000, Deduct	-6.90	
			For >1,000, Deduct	-9.38	
			For 316 Stainless Steel, Add	70.53	
			For Aluminum, Add	3.97	
			For Galvanized Steel, Add	13.66	
			For 304 Stainless Steel, Add	62.81	
05 12 23 00-0609	LF		MC12 x 32.9 - 12" Wide Channel.....	64.59	30.84
			For >100 To 250, Deduct	-3.08	
			For >250 To 500, Deduct	-4.70	
			For >500 To 1,000, Deduct	-7.34	
			For >1,000, Deduct	-9.98	
			For 316 Stainless Steel, Add	75.10	
			For Aluminum, Add	4.22	
			For Galvanized Steel, Add	14.55	
			For 304 Stainless Steel, Add	66.89	
05 12 23 00-0610	LF		MC12 x 35 - 12" Wide Channel.....	68.71	32.80
			For >100 To 250, Deduct	-3.28	
			For >250 To 500, Deduct	-5.00	
			For >500 To 1,000, Deduct	-7.81	
			For >1,000, Deduct	-10.62	
			For 316 Stainless Steel, Add	79.90	
			For Aluminum, Add	4.49	
			For Galvanized Steel, Add	15.48	
			For 304 Stainless Steel, Add	71.16	
05 12 23 00-0611	LF		MC12 x 37 - 12" Wide Channel.....	72.64	34.68
			For >100 To 250, Deduct	-3.47	
			For >250 To 500, Deduct	-5.28	
			For >500 To 1,000, Deduct	-8.26	
			For >1,000, Deduct	-11.23	
			For 316 Stainless Steel, Add	84.45	
			For Aluminum, Add	4.75	
			For Galvanized Steel, Add	16.36	
			For 304 Stainless Steel, Add	75.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0612	LF		MC12 x 40 - 12" Wide Channel	78.52	37.49
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-5.71	
			For >500 To 1,000, Deduct	-8.93	
			For >1,000, Deduct	-12.14	
			For 316 Stainless Steel, Add	91.30	
			For Aluminum, Add	5.14	
			For Galvanized Steel, Add	17.69	
			For 304 Stainless Steel, Add	81.31	
05 12 23 00-0613	LF		MC12 x 45 - 12" Wide Channel	88.34	42.19
			For >100 To 250, Deduct	-4.22	
			For >250 To 500, Deduct	-6.43	
			For >500 To 1,000, Deduct	-10.04	
			For >1,000, Deduct	-13.66	
			For 316 Stainless Steel, Add	102.72	
			For Aluminum, Add	5.78	
			For Galvanized Steel, Add	19.90	
			For 304 Stainless Steel, Add	91.49	
05 12 23 00-0614	LF		MC12 x 50 - 12" Wide Channel	98.16	46.87
			For >100 To 250, Deduct	-4.69	
			For >250 To 500, Deduct	-7.14	
			For >500 To 1,000, Deduct	-11.16	
			For >1,000, Deduct	-15.17	
			For 316 Stainless Steel, Add	114.14	
			For Aluminum, Add	6.42	
			For Galvanized Steel, Add	22.12	
			For 304 Stainless Steel, Add	101.66	
05 12 23 00-0615	LF		MC13 x 31.8 - 13" Wide Channel.....	62.42	29.81
			For >100 To 250, Deduct	-2.98	
			For >250 To 500, Deduct	-4.54	
			For >500 To 1,000, Deduct	-7.10	
			For >1,000, Deduct	-9.65	
			For 316 Stainless Steel, Add	72.58	
			For Aluminum, Add	4.08	
			For Galvanized Steel, Add	14.06	
			For 304 Stainless Steel, Add	64.64	
05 12 23 00-0616	LF		MC13 x 35 - 13" Wide Channel	68.71	32.80
			For >100 To 250, Deduct	-3.28	
			For >250 To 500, Deduct	-5.00	
			For >500 To 1,000, Deduct	-7.81	
			For >1,000, Deduct	-10.62	
			For 316 Stainless Steel, Add	79.90	
			For Aluminum, Add	4.49	
			For Galvanized Steel, Add	15.48	
			For 304 Stainless Steel, Add	71.16	
05 12 23 00-0617	LF		MC13 x 40 - 13" Wide Channel	78.52	37.49
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-5.71	
			For >500 To 1,000, Deduct	-8.93	
			For >1,000, Deduct	-12.14	
			For 316 Stainless Steel, Add	91.30	
			For Aluminum, Add	5.14	
			For Galvanized Steel, Add	17.69	
			For 304 Stainless Steel, Add	81.31	
05 12 23 00-0618	LF		MC13 x 50 - 13" Wide Channel	98.16	46.87
			For >100 To 250, Deduct	-4.69	
			For >250 To 500, Deduct	-7.14	
			For >500 To 1,000, Deduct	-11.16	
			For >1,000, Deduct	-15.17	
			For 316 Stainless Steel, Add	114.14	
			For Aluminum, Add	6.42	
			For Galvanized Steel, Add	22.12	
			For 304 Stainless Steel, Add	101.66	
05 12 23 00-0619	LF		MC18 x 42.7 - 18" Wide Channel.....	83.83	40.03
			For >100 To 250, Deduct	-4.00	
			For >250 To 500, Deduct	-6.10	
			For >500 To 1,000, Deduct	-9.53	
			For >1,000, Deduct	-12.96	
			For 316 Stainless Steel, Add	97.47	
			For Aluminum, Add	5.48	
			For Galvanized Steel, Add	18.89	
			For 304 Stainless Steel, Add	86.81	
05 12 23 00-0620	LF		MC18 x 45.8 - 18" Wide Channel.....	89.91	42.93
			For >100 To 250, Deduct	-4.29	
			For >250 To 500, Deduct	-6.54	
			For >500 To 1,000, Deduct	-10.22	
			For >1,000, Deduct	-13.90	
			For 316 Stainless Steel, Add	104.54	
			For Aluminum, Add	5.88	
			For Galvanized Steel, Add	20.26	
			For 304 Stainless Steel, Add	93.11	
05 12 23 00-0621	LF		MC18 x 51.9 - 18" Wide Channel.....	101.88	48.65
			For >100 To 250, Deduct	-4.86	
			For >250 To 500, Deduct	-7.41	
			For >500 To 1,000, Deduct	-11.58	
			For >1,000, Deduct	-15.75	
			For 316 Stainless Steel, Add	118.46	
			For Aluminum, Add	6.66	
			For Galvanized Steel, Add	22.95	
			For 304 Stainless Steel, Add	105.51	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0622	LF	MC18 x 58 - 18" Wide Channel.....	113.85	54.36
		<i>For >100 To 250, Deduct</i>	-5.44	
		<i>For >250 To 500, Deduct</i>	-8.28	
		<i>For >500 To 1,000, Deduct</i>	-12.94	
		<i>For >1,000, Deduct</i>	-17.60	
		<i>For 316 Stainless Steel, Add</i>	132.38	
		<i>For Aluminum, Add</i>	7.45	
		<i>For Galvanized Steel, Add</i>	25.65	
		<i>For 304 Stainless Steel, Add</i>	117.90	
05 12 23 00-0623		Structural Bar Tees (05 12 23 00-0437)		
05 12 23 00-0624	LF	3/4" x 3/4" x 1/8" Structural Bar Tee.....	3.90	2.50
		<i>For >100 To 250, Deduct</i>	-0.25	
		<i>For >250 To 500, Deduct</i>	-0.35	
		<i>For >500 To 1,000, Deduct</i>	-0.53	
		<i>For >1,000, Deduct</i>	-0.71	
		<i>For 316 Stainless Steel, Add</i>	1.86	
		<i>For Aluminum, Add</i>	0.10	
		<i>For Galvanized Steel, Add</i>	0.36	
		<i>For 304 Stainless Steel, Add</i>	1.65	
05 12 23 00-0625	LF	1" x 1" x 1/8" Structural Bar Tee	4.70	2.94
		<i>For >100 To 250, Deduct</i>	-0.29	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500 To 1,000, Deduct</i>	-0.63	
		<i>For >1,000, Deduct</i>	-0.84	
		<i>For 316 Stainless Steel, Add</i>	2.53	
		<i>For Aluminum, Add</i>	0.14	
		<i>For Galvanized Steel, Add</i>	0.49	
		<i>For 304 Stainless Steel, Add</i>	2.25	
05 12 23 00-0626	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	6.79	3.39
		<i>For >100 To 250, Deduct</i>	-0.34	
		<i>For >250 To 500, Deduct</i>	-0.51	
		<i>For >500 To 1,000, Deduct</i>	-0.79	
		<i>For >1,000, Deduct</i>	-1.08	
		<i>For 316 Stainless Steel, Add</i>	7.23	
		<i>For Aluminum, Add</i>	0.41	
		<i>For Galvanized Steel, Add</i>	1.40	
		<i>For 304 Stainless Steel, Add</i>	6.44	
05 12 23 00-0627	LF	2" x 2" x 1/4" Structural Bar Tee	9.29	4.44
		<i>For >100 To 250, Deduct</i>	-0.44	
		<i>For >250 To 500, Deduct</i>	-0.68	
		<i>For >500 To 1,000, Deduct</i>	-1.06	
		<i>For >1,000, Deduct</i>	-1.44	
		<i>For 316 Stainless Steel, Add</i>	10.78	
		<i>For Aluminum, Add</i>	0.61	
		<i>For Galvanized Steel, Add</i>	2.09	
		<i>For 304 Stainless Steel, Add</i>	9.60	
05 12 23 00-0628	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	13.20	5.35
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500 To 1,000, Deduct</i>	-1.38	
		<i>For >1,000, Deduct</i>	-1.88	
		<i>For 316 Stainless Steel, Add</i>	19.36	
		<i>For Aluminum, Add</i>	1.09	
		<i>For Galvanized Steel, Add</i>	3.75	
		<i>For 304 Stainless Steel, Add</i>	17.24	
05 12 23 00-0629	LF	3" x 3" x 3/8" Structural Bar Tee	16.41	6.86
		<i>For >100 To 250, Deduct</i>	-0.69	
		<i>For >250 To 500, Deduct</i>	-1.10	
		<i>For >500 To 1,000, Deduct</i>	-1.74	
		<i>For >1,000, Deduct</i>	-2.37	
		<i>For 316 Stainless Steel, Add</i>	23.23	
		<i>For Aluminum, Add</i>	1.31	
		<i>For Galvanized Steel, Add</i>	4.50	
		<i>For 304 Stainless Steel, Add</i>	20.69	
05 12 23 00-0630		Structural Zees (05 12 23 00-0437)		
05 12 23 00-0631	LF	1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	7.90	3.39
		<i>For >100 To 250, Deduct</i>	-0.34	
		<i>For >250 To 500, Deduct</i>	-0.54	
		<i>For >500 To 1,000, Deduct</i>	-0.85	
		<i>For >1,000, Deduct</i>	-1.16	
		<i>For 316 Stainless Steel, Add</i>	10.78	
		<i>For Aluminum, Add</i>	0.61	
		<i>For Galvanized Steel, Add</i>	2.09	
		<i>For 304 Stainless Steel, Add</i>	9.60	
05 12 23 00-0632	LF	2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	13.46	4.05
		<i>For >100 To 250, Deduct</i>	-0.40	
		<i>For >250 To 500, Deduct</i>	-0.74	
		<i>For >500 To 1,000, Deduct</i>	-1.21	
		<i>For >1,000, Deduct</i>	-1.68	
		<i>For 316 Stainless Steel, Add</i>	25.82	
		<i>For Aluminum, Add</i>	1.45	
		<i>For Galvanized Steel, Add</i>	5.00	
		<i>For 304 Stainless Steel, Add</i>	23.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0633	LF			3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	15.98	4.57
				<i>For >100 To 250, Deduct</i>	-0.46	
				<i>For >250 To 500, Deduct</i>	-0.86	
				<i>For >500 To 1,000, Deduct</i>	-1.41	
				<i>For >1,000, Deduct</i>	-1.96	
				<i>For 316 Stainless Steel, Add</i>	31.62	
				<i>For Aluminum, Add</i>	1.78	
				<i>For Galvanized Steel, Add</i>	6.13	
				<i>For 304 Stainless Steel, Add</i>	28.16	
05 12 23 00-0634	LF			3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	20.93	5.22
				<i>For >100 To 250, Deduct</i>	-0.52	
				<i>For >250 To 500, Deduct</i>	-1.05	
				<i>For >500 To 1,000, Deduct</i>	-1.74	
				<i>For >1,000, Deduct</i>	-2.44	
				<i>For 316 Stainless Steel, Add</i>	44.70	
				<i>For Aluminum, Add</i>	2.51	
				<i>For Galvanized Steel, Add</i>	8.66	
				<i>For 304 Stainless Steel, Add</i>	39.81	
05 12 23 00-0635	LF			3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	26.49	5.69
				<i>For >100 To 250, Deduct</i>	-0.57	
				<i>For >250 To 500, Deduct</i>	-1.23	
				<i>For >500 To 1,000, Deduct</i>	-2.08	
				<i>For >1,000, Deduct</i>	-2.93	
				<i>For 316 Stainless Steel, Add</i>	60.51	
				<i>For Aluminum, Add</i>	3.40	
				<i>For Galvanized Steel, Add</i>	11.72	
				<i>For 304 Stainless Steel, Add</i>	53.89	
05 12 23 00-0636				Junior I-Beams <small>(05 12 23 00-0437)</small>		
05 12 23 00-0637	LF			3" Junior I-Beam, 2.9 LB/LF.....	10.98	4.90
				<i>For >100 To 250, Deduct</i>	-0.49	
				<i>For >250 To 500, Deduct</i>	-0.76	
				<i>For >500 To 1,000, Deduct</i>	-1.20	
				<i>For >1,000, Deduct</i>	-1.64	
				<i>For 316 Stainless Steel, Add</i>	14.24	
				<i>For Aluminum, Add</i>	0.80	
				<i>For Galvanized Steel, Add</i>	2.76	
				<i>For 304 Stainless Steel, Add</i>	12.68	
05 12 23 00-0638	LF			4" Junior I-Beam, 3.2 LB/LF.....	12.06	5.35
				<i>For >100 To 250, Deduct</i>	-0.54	
				<i>For >250 To 500, Deduct</i>	-0.84	
				<i>For >500 To 1,000, Deduct</i>	-1.32	
				<i>For >1,000, Deduct</i>	-1.80	
				<i>For 316 Stainless Steel, Add</i>	15.71	
				<i>For Aluminum, Add</i>	0.88	
				<i>For Galvanized Steel, Add</i>	3.04	
				<i>For 304 Stainless Steel, Add</i>	13.99	
05 12 23 00-0639	LF			5" Junior I-Beam, 3.8 LB/LF.....	13.66	5.88
				<i>For >100 To 250, Deduct</i>	-0.59	
				<i>For >250 To 500, Deduct</i>	-0.93	
				<i>For >500 To 1,000, Deduct</i>	-1.47	
				<i>For >1,000, Deduct</i>	-2.00	
				<i>For 316 Stainless Steel, Add</i>	18.62	
				<i>For Aluminum, Add</i>	1.05	
				<i>For Galvanized Steel, Add</i>	3.61	
				<i>For 304 Stainless Steel, Add</i>	16.59	
05 12 23 00-0640	LF			6" Junior I-Beam, 4.4 LB/LF.....	15.27	6.40
				<i>For >100 To 250, Deduct</i>	-0.64	
				<i>For >250 To 500, Deduct</i>	-1.02	
				<i>For >500 To 1,000, Deduct</i>	-1.62	
				<i>For >1,000, Deduct</i>	-2.21	
				<i>For 316 Stainless Steel, Add</i>	21.57	
				<i>For Aluminum, Add</i>	1.21	
				<i>For Galvanized Steel, Add</i>	4.18	
				<i>For 304 Stainless Steel, Add</i>	19.21	
05 12 23 00-0641	LF			7" Junior I-Beam, 5.5 LB/LF.....	17.58	6.85
				<i>For >100 To 250, Deduct</i>	-0.69	
				<i>For >250 To 500, Deduct</i>	-1.13	
				<i>For >500 To 1,000, Deduct</i>	-1.79	
				<i>For >1,000, Deduct</i>	-2.46	
				<i>For 316 Stainless Steel, Add</i>	26.98	
				<i>For Aluminum, Add</i>	1.52	
				<i>For Galvanized Steel, Add</i>	5.23	
				<i>For 304 Stainless Steel, Add</i>	24.03	
05 12 23 00-0642	LF			8" Junior I-Beam, 6.5 LB/LF.....	19.71	7.32
				<i>For >100 To 250, Deduct</i>	-0.73	
				<i>For >250 To 500, Deduct</i>	-1.22	
				<i>For >500 To 1,000, Deduct</i>	-1.96	
				<i>For >1,000, Deduct</i>	-2.70	
				<i>For 316 Stainless Steel, Add</i>	31.87	
				<i>For Aluminum, Add</i>	1.79	
				<i>For Galvanized Steel, Add</i>	6.18	
				<i>For 304 Stainless Steel, Add</i>	28.39	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0643	LF	10" Junior I-Beam, 9 LB/LF	24.95	8.36
		<i>For >100 To 250, Deduct</i>	-0.84	
		<i>For >250 To 500, Deduct</i>	-1.46	
		<i>For >500 To 1,000, Deduct</i>	-2.36	
		<i>For >1,000, Deduct</i>	-3.27	
		<i>For 316 Stainless Steel, Add</i>	44.16	
		<i>For Aluminum, Add</i>	2.48	
		<i>For Galvanized Steel, Add</i>	8.56	
		<i>For 304 Stainless Steel, Add</i>	39.33	
05 12 23 00-0644	LF	12" Junior I-Beam, 11.8 LB/LF	31.33	9.93
		<i>For >100 To 250, Deduct</i>	-0.99	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500 To 1,000, Deduct</i>	-2.89	
		<i>For >1,000, Deduct</i>	-4.00	
		<i>For 316 Stainless Steel, Add</i>	57.89	
		<i>For Aluminum, Add</i>	3.26	
		<i>For Galvanized Steel, Add</i>	11.22	
		<i>For 304 Stainless Steel, Add</i>	51.56	

05 12 23 00-0645 Round Stock (05 12 23 00-0437)

05 12 23 00-0646	LF	1/4" Carbon Steel Rounds, ASTM A108	1.55	
		<i>For 316 Stainless Steel, Add</i>	2.14	
		<i>For Aluminum, Add</i>	0.12	
		<i>For Galvanized Steel, Add</i>	0.42	
		<i>For 304 Stainless Steel, Add</i>	1.91	
05 12 23 00-0647	LF	3/8" Carbon Steel Rounds, ASTM A108	2.31	
		<i>For 316 Stainless Steel, Add</i>	4.22	
		<i>For Aluminum, Add</i>	0.24	
		<i>For Galvanized Steel, Add</i>	0.82	
		<i>For 304 Stainless Steel, Add</i>	3.76	
05 12 23 00-0648	LF	1/2" Carbon Steel Rounds, ASTM A108	3.10	
		<i>For 316 Stainless Steel, Add</i>	6.43	
		<i>For Aluminum, Add</i>	0.36	
		<i>For Galvanized Steel, Add</i>	1.25	
		<i>For 304 Stainless Steel, Add</i>	5.73	
05 12 23 00-0649	LF	5/8" Carbon Steel Rounds, ASTM A108	4.57	
		<i>For 316 Stainless Steel, Add</i>	10.75	
		<i>For Aluminum, Add</i>	0.60	
		<i>For Galvanized Steel, Add</i>	2.08	
		<i>For 304 Stainless Steel, Add</i>	9.58	
05 12 23 00-0650	LF	3/4" Carbon Steel Rounds, ASTM A108	5.44	
		<i>For 316 Stainless Steel, Add</i>	12.77	
		<i>For Aluminum, Add</i>	0.72	
		<i>For Galvanized Steel, Add</i>	2.47	
		<i>For 304 Stainless Steel, Add</i>	11.37	
05 12 23 00-0651	LF	7/8" Carbon Steel Rounds, ASTM A108	6.33	
		<i>For 316 Stainless Steel, Add</i>	14.91	
		<i>For Aluminum, Add</i>	0.84	
		<i>For Galvanized Steel, Add</i>	2.89	
		<i>For 304 Stainless Steel, Add</i>	13.28	
05 12 23 00-0652	LF	1" Carbon Steel Rounds, ASTM A108	9.08	
		<i>For 316 Stainless Steel, Add</i>	22.72	
		<i>For Aluminum, Add</i>	1.28	
		<i>For Galvanized Steel, Add</i>	4.40	
		<i>For 304 Stainless Steel, Add</i>	20.24	
05 12 23 00-0653	LF	1-1/8" Carbon Steel Rounds, ASTM A108	11.05	
		<i>For 316 Stainless Steel, Add</i>	27.62	
		<i>For Aluminum, Add</i>	1.55	
		<i>For Galvanized Steel, Add</i>	5.35	
		<i>For 304 Stainless Steel, Add</i>	24.60	
05 12 23 00-0654	LF	1-1/4" Carbon Steel Rounds, ASTM A108	13.26	
		<i>For 316 Stainless Steel, Add</i>	32.48	
		<i>For Aluminum, Add</i>	1.83	
		<i>For Galvanized Steel, Add</i>	6.29	
		<i>For 304 Stainless Steel, Add</i>	28.93	
05 12 23 00-0655	LF	1-3/8" Carbon Steel Rounds, ASTM A108	16.02	
		<i>For 316 Stainless Steel, Add</i>	39.65	
		<i>For Aluminum, Add</i>	2.23	
		<i>For Galvanized Steel, Add</i>	7.68	
		<i>For 304 Stainless Steel, Add</i>	35.31	
05 12 23 00-0656	LF	1-1/2" Carbon Steel Rounds, ASTM A108	17.95	
		<i>For 316 Stainless Steel, Add</i>	43.49	
		<i>For Aluminum, Add</i>	2.45	
		<i>For Galvanized Steel, Add</i>	8.43	
		<i>For 304 Stainless Steel, Add</i>	38.73	
05 12 23 00-0657	LF	1-5/8" Carbon Steel Rounds, ASTM A108	20.84	
		<i>For 316 Stainless Steel, Add</i>	49.28	
		<i>For Aluminum, Add</i>	2.77	
		<i>For Galvanized Steel, Add</i>	9.55	
		<i>For 304 Stainless Steel, Add</i>	43.89	
05 12 23 00-0658	LF	1-3/4" Carbon Steel Rounds, ASTM A108	25.18	
		<i>For 316 Stainless Steel, Add</i>	57.34	
		<i>For Aluminum, Add</i>	3.23	
		<i>For Galvanized Steel, Add</i>	11.11	
		<i>For 304 Stainless Steel, Add</i>	51.07	
05 12 23 00-0659	LF	1-7/8" Carbon Steel Rounds, ASTM A108	30.57	
		<i>For 316 Stainless Steel, Add</i>	67.17	
		<i>For Aluminum, Add</i>	3.78	
		<i>For Galvanized Steel, Add</i>	13.01	
		<i>For 304 Stainless Steel, Add</i>	59.82	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
05 12 23 00-0660	LF			2" Carbon Steel Rounds, ASTM A108 .....35.11		
				For 316 Stainless Steel, Add	74.72	
				For Aluminum, Add	4.20	
				For Galvanized Steel, Add	14.48	
				For 304 Stainless Steel, Add	66.55	
05 12 23 00-0661	LF			2-1/8" Carbon Steel Rounds, ASTM A108 .....41.27		
				For 316 Stainless Steel, Add	85.34	
				For Aluminum, Add	4.80	
				For Galvanized Steel, Add	16.54	
				For 304 Stainless Steel, Add	76.01	
05 12 23 00-0662	LF			2-1/4" Carbon Steel Rounds, ASTM A108 .....46.78		
				For 316 Stainless Steel, Add	95.97	
				For Aluminum, Add	5.40	
				For Galvanized Steel, Add	18.59	
				For 304 Stainless Steel, Add	85.47	
05 12 23 00-0663	LF			2-3/8" Carbon Steel Rounds, ASTM A108 .....53.60		
				For 316 Stainless Steel, Add	109.76	
				For Aluminum, Add	6.17	
				For Galvanized Steel, Add	21.27	
				For 304 Stainless Steel, Add	97.76	
05 12 23 00-0664	LF			2-1/2" Carbon Steel Rounds, ASTM A108 .....59.63		
				For 316 Stainless Steel, Add	118.27	
				For Aluminum, Add	6.65	
				For Galvanized Steel, Add	22.92	
				For 304 Stainless Steel, Add	105.34	
05 12 23 00-0665	LF			2-5/8" Carbon Steel Rounds, ASTM A108 .....72.13		
				For 316 Stainless Steel, Add	150.24	
				For Aluminum, Add	8.45	
				For Galvanized Steel, Add	29.11	
				For 304 Stainless Steel, Add	133.81	
05 12 23 00-0666	LF			2-3/4" Carbon Steel Rounds, ASTM A108 .....82.09		
				For 316 Stainless Steel, Add	171.33	
				For Aluminum, Add	9.64	
				For Galvanized Steel, Add	33.19	
				For 304 Stainless Steel, Add	152.59	
05 12 23 00-0667	LF			2-7/8" Carbon Steel Rounds, ASTM A108 .....91.58		
				For 316 Stainless Steel, Add	190.94	
				For Aluminum, Add	10.74	
				For Galvanized Steel, Add	37.00	
				For 304 Stainless Steel, Add	170.06	
05 12 23 00-0668	LF			3" Carbon Steel Rounds, ASTM A108 .....96.73		
				For 316 Stainless Steel, Add	196.67	
				For Aluminum, Add	11.06	
				For Galvanized Steel, Add	38.11	
				For 304 Stainless Steel, Add	175.16	
05 12 23 00-0669	LF			3-1/8" Carbon Steel Rounds, ASTM A108 .....101.44		
				For 316 Stainless Steel, Add	201.02	
				For Aluminum, Add	11.31	
				For Galvanized Steel, Add	38.95	
				For 304 Stainless Steel, Add	179.04	
05 12 23 00-0670	LF			3-1/4" Carbon Steel Rounds, ASTM A108 .....107.36		
				For 316 Stainless Steel, Add	209.22	
				For Aluminum, Add	11.77	
				For Galvanized Steel, Add	40.54	
				For 304 Stainless Steel, Add	186.33	
05 12 23 00-0671	LF			3-1/2" Carbon Steel Rounds, ASTM A108 .....129.14		
				For 316 Stainless Steel, Add	265.47	
				For Aluminum, Add	14.93	
				For Galvanized Steel, Add	51.44	
				For 304 Stainless Steel, Add	236.44	
05 12 23 00-0672	LF			3-5/8" Carbon Steel Rounds, ASTM A108 .....143.17		
				For 316 Stainless Steel, Add	296.96	
				For Aluminum, Add	16.70	
				For Galvanized Steel, Add	57.54	
				For 304 Stainless Steel, Add	264.48	
05 12 23 00-0673	LF			3-3/4" Carbon Steel Rounds, ASTM A108 .....153.84		
				For 316 Stainless Steel, Add	317.66	
				For Aluminum, Add	17.87	
				For Galvanized Steel, Add	61.55	
				For 304 Stainless Steel, Add	282.92	
05 12 23 00-0674	LF			4" Carbon Steel Rounds, ASTM A108 .....171.80		
				For 316 Stainless Steel, Add	361.70	
				For Aluminum, Add	20.35	
				For Galvanized Steel, Add	70.08	
				For 304 Stainless Steel, Add	322.14	
05 12 23 00-0675				Square Stock <small>(05 12 23 00-0437)</small>		
05 12 23 00-0676	LF			3/8" Square Bar Stock .....1.33		
				For 316 Stainless Steel, Add	1.09	
				For Aluminum, Add	0.06	
				For Galvanized Steel, Add	0.21	
				For 304 Stainless Steel, Add	0.97	
05 12 23 00-0677	LF			1/2" Square Bar Stock .....1.69		
				For 316 Stainless Steel, Add	1.92	
				For Aluminum, Add	0.11	
				For Galvanized Steel, Add	0.37	
				For 304 Stainless Steel, Add	1.71	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0678	LF	5/8" Square Bar Stock.....	2.15	
		For 316 Stainless Steel, Add	3.01	
		For Aluminum, Add	0.17	
		For Galvanized Steel, Add	0.58	
		For 304 Stainless Steel, Add	2.68	
05 12 23 00-0679	LF	3/4" Square Bar Stock.....	2.81	
		For 316 Stainless Steel, Add	4.35	
		For Aluminum, Add	0.24	
		For Galvanized Steel, Add	0.84	
		For 304 Stainless Steel, Add	3.88	
05 12 23 00-0680	LF	7/8" Square Bar Stock.....	3.56	
		For 316 Stainless Steel, Add	6.05	
		For Aluminum, Add	0.34	
		For Galvanized Steel, Add	1.17	
		For 304 Stainless Steel, Add	5.39	
05 12 23 00-0681	LF	1" Square Bar Stock.....	4.40	
		For 316 Stainless Steel, Add	7.74	
		For Aluminum, Add	0.44	
		For Galvanized Steel, Add	1.50	
		For 304 Stainless Steel, Add	6.90	
05 12 23 00-0682	LF	1-1/4" Square Bar Stock.....	6.89	
		For 316 Stainless Steel, Add	12.10	
		For Aluminum, Add	0.68	
		For Galvanized Steel, Add	2.34	
		For 304 Stainless Steel, Add	10.77	
05 12 23 00-0683	LF	1-1/2" Square Bar Stock.....	9.80	
		For 316 Stainless Steel, Add	17.41	
		For Aluminum, Add	0.98	
		For Galvanized Steel, Add	3.37	
		For 304 Stainless Steel, Add	15.50	
05 12 23 00-0684	LF	1-3/4" Square Bar Stock.....	14.83	
		For 316 Stainless Steel, Add	24.22	
		For Aluminum, Add	1.36	
		For Galvanized Steel, Add	4.69	
		For 304 Stainless Steel, Add	21.57	
05 12 23 00-0685	LF	2" Square Bar Stock.....	21.88	
		For 316 Stainless Steel, Add	30.98	
		For Aluminum, Add	1.74	
		For Galvanized Steel, Add	6.00	
		For 304 Stainless Steel, Add	27.59	
05 12 23 00-0686		Steel Tubing (05 12 23 00-0437)		
		Note: General purpose low-carbon steel.		
05 12 23 00-0687		Square Steel Tubing (05 12 23 00-0686)		
05 12 23 00-0688		0.06" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0689	LF	1/2" x 1/2" x 0.06" Square Steel Tubing.....	1.51	0.47
		For >100 To 250, Deduct	-0.05	
		For >250 To 500, Deduct	-0.08	
		For >500 To 1,000, Deduct	-0.14	
		For >1,000, Deduct	-0.19	
		For 316 Stainless Steel, Add	2.85	
		For Aluminum, Add	0.16	
		For Galvanized Steel, Add	0.55	
		For 304 Stainless Steel, Add	2.54	
05 12 23 00-0690	LF	3/4" x 3/4" x 0.06" Square Steel Tubing.....	2.34	0.73
		For >100 To 250, Deduct	-0.07	
		For >250 To 500, Deduct	-0.13	
		For >500 To 1,000, Deduct	-0.22	
		For >1,000, Deduct	-0.30	
		For 316 Stainless Steel, Add	4.32	
		For Aluminum, Add	0.24	
		For Galvanized Steel, Add	0.84	
		For 304 Stainless Steel, Add	3.85	
05 12 23 00-0691	LF	1" x 1" x 0.06" Square Steel Tubing.....	3.15	1.34
		For >100 To 250, Deduct	-0.10	
		For >250 To 500, Deduct	-0.18	
		For >500 To 1,000, Deduct	-0.29	
		For >1,000, Deduct	-0.40	
		For 316 Stainless Steel, Add	5.79	
		For Aluminum, Add	0.33	
		For Galvanized Steel, Add	1.12	
		For 304 Stainless Steel, Add	5.16	
05 12 23 00-0692	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing.....	4.13	1.27
		For >100 To 250, Deduct	-0.13	
		For >250 To 500, Deduct	-0.23	
		For >500 To 1,000, Deduct	-0.38	
		For >1,000, Deduct	-0.52	
		For 316 Stainless Steel, Add	7.81	
		For Aluminum, Add	0.44	
		For Galvanized Steel, Add	1.51	
		For 304 Stainless Steel, Add	6.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
05 12 23 00-0693	LF		1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	4.92	1.54
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.28	
			For >500 To 1,000, Deduct	-0.45	
			For >1,000, Deduct	-0.63	
			For 316 Stainless Steel, Add	9.18	
			For Aluminum, Add	0.52	
			For Galvanized Steel, Add	1.78	
			For 304 Stainless Steel, Add	8.18	
05 12 23 00-0694			0.083" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0695	LF		3/4" x 3/4" x 0.083" Square Steel Tubing.....	2.72	0.87
			For >100 To 250, Deduct	-0.09	
			For >250 To 500, Deduct	-0.15	
			For >500 To 1,000, Deduct	-0.25	
			For >1,000, Deduct	-0.35	
			For 316 Stainless Steel, Add	5.02	
			For Aluminum, Add	0.28	
			For Galvanized Steel, Add	0.97	
			For 304 Stainless Steel, Add	4.47	
05 12 23 00-0696	LF		1" x 1" x 0.083" Square Steel Tubing.....	3.93	1.19
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.22	
			For >500 To 1,000, Deduct	-0.35	
			For >1,000, Deduct	-0.49	
			For 316 Stainless Steel, Add	7.52	
			For Aluminum, Add	0.42	
			For Galvanized Steel, Add	1.46	
			For 304 Stainless Steel, Add	6.70	
05 12 23 00-0697	LF		1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	4.78	1.51
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.27	
			For >500 To 1,000, Deduct	-0.44	
			For >1,000, Deduct	-0.61	
			For 316 Stainless Steel, Add	8.86	
			For Aluminum, Add	0.50	
			For Galvanized Steel, Add	1.72	
			For 304 Stainless Steel, Add	7.89	
05 12 23 00-0698	LF		1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	5.79	1.83
			For >100 To 250, Deduct	-0.18	
			For >250 To 500, Deduct	-0.33	
			For >500 To 1,000, Deduct	-0.53	
			For >1,000, Deduct	-0.74	
			For 316 Stainless Steel, Add	10.72	
			For Aluminum, Add	0.60	
			For Galvanized Steel, Add	2.08	
			For 304 Stainless Steel, Add	9.55	
05 12 23 00-0699	LF		2" x 2" x 0.083" Square Steel Tubing.....	7.46	2.44
			For >100 To 250, Deduct	-0.24	
			For >250 To 500, Deduct	-0.43	
			For >500 To 1,000, Deduct	-0.70	
			For >1,000, Deduct	-0.97	
			For 316 Stainless Steel, Add	13.47	
			For Aluminum, Add	0.76	
			For Galvanized Steel, Add	2.61	
			For 304 Stainless Steel, Add	12.00	
05 12 23 00-0700			0.12" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0701	LF		1" x 1" x 0.12" Square Steel Tubing.....	4.38	1.41
			For >100 To 250, Deduct	-0.14	
			For >250 To 500, Deduct	-0.25	
			For >500 To 1,000, Deduct	-0.41	
			For >1,000, Deduct	-0.56	
			For 316 Stainless Steel, Add	8.00	
			For Aluminum, Add	0.45	
			For Galvanized Steel, Add	1.55	
			For 304 Stainless Steel, Add	7.13	
05 12 23 00-0702	LF		1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	5.65	1.81
			For >100 To 250, Deduct	-0.18	
			For >250 To 500, Deduct	-0.32	
			For >500 To 1,000, Deduct	-0.52	
			For >1,000, Deduct	-0.73	
			For 316 Stainless Steel, Add	10.34	
			For Aluminum, Add	0.58	
			For Galvanized Steel, Add	2.00	
			For 304 Stainless Steel, Add	9.21	
05 12 23 00-0703	LF		1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	6.93	2.20
			For >100 To 250, Deduct	-0.22	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.64	
			For >1,000, Deduct	-0.89	
			For 316 Stainless Steel, Add	12.74	
			For Aluminum, Add	0.72	
			For Galvanized Steel, Add	2.47	
			For 304 Stainless Steel, Add	11.34	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0704	LF 2" x 2" x 0.12" Square Steel Tubing.....	9.39	3.01
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.54	
	For >500 To 1,000, Deduct	-0.87	
	For >1,000, Deduct	-1.21	
	For 316 Stainless Steel, Add	17.18	
	For Aluminum, Add	0.97	
	For Galvanized Steel, Add	3.33	
	For 304 Stainless Steel, Add	15.30	
05 12 23 00-0705	1/8" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0706	LF 2" x 2" x 1/8" Square Steel Tubing.....	8.64	3.13
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.53	
	For >500 To 1,000, Deduct	-0.85	
	For >1,000, Deduct	-1.17	
	For 316 Stainless Steel, Add	14.30	
	For Aluminum, Add	0.80	
	For Galvanized Steel, Add	2.77	
	For 304 Stainless Steel, Add	12.74	
05 12 23 00-0707	LF 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing.....	11.32	3.96
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.68	
	For >500 To 1,000, Deduct	-1.09	
	For >1,000, Deduct	-1.51	
	For 316 Stainless Steel, Add	19.33	
	For Aluminum, Add	1.09	
	For Galvanized Steel, Add	3.74	
	For 304 Stainless Steel, Add	17.21	
05 12 23 00-0708	LF 3" x 3" x 1/8" Square Steel Tubing.....	13.34	4.79
	For >100 To 250, Deduct	-0.48	
	For >250 To 500, Deduct	-0.81	
	For >500 To 1,000, Deduct	-1.31	
	For >1,000, Deduct	-1.80	
	For 316 Stainless Steel, Add	22.24	
	For Aluminum, Add	1.25	
	For Galvanized Steel, Add	4.31	
	For 304 Stainless Steel, Add	19.81	
05 12 23 00-0709	LF 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing.....	15.50	5.63
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-0.95	
	For >500 To 1,000, Deduct	-1.53	
	For >1,000, Deduct	-2.10	
	For 316 Stainless Steel, Add	25.57	
	For Aluminum, Add	1.44	
	For Galvanized Steel, Add	4.95	
	For 304 Stainless Steel, Add	22.77	
05 12 23 00-0710	LF 4" x 4" x 1/8" Square Steel Tubing.....	17.20	6.46
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-1.08	
	For >500 To 1,000, Deduct	-1.72	
	For >1,000, Deduct	-2.37	
	For 316 Stainless Steel, Add	27.46	
	For Aluminum, Add	1.54	
	For Galvanized Steel, Add	5.32	
	For 304 Stainless Steel, Add	24.45	
05 12 23 00-0711	3/16" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0712	LF 2" x 2" x 3/16" Square Steel Tubing.....	9.79	3.53
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.60	
	For >500 To 1,000, Deduct	-0.96	
	For >1,000, Deduct	-1.32	
	For 316 Stainless Steel, Add	16.29	
	For Aluminum, Add	0.92	
	For Galvanized Steel, Add	3.16	
	For 304 Stainless Steel, Add	14.51	
05 12 23 00-0713	LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	12.68	4.57
	For >100 To 250, Deduct	-0.46	
	For >250 To 500, Deduct	-0.77	
	For >500 To 1,000, Deduct	-1.24	
	For >1,000, Deduct	-1.71	
	For 316 Stainless Steel, Add	21.09	
	For Aluminum, Add	1.19	
	For Galvanized Steel, Add	4.09	
	For 304 Stainless Steel, Add	18.78	
05 12 23 00-0714	LF 3" x 3" x 3/16" Square Steel Tubing.....	15.58	5.61
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-0.95	
	For >500 To 1,000, Deduct	-1.53	
	For >1,000, Deduct	-2.10	
	For 316 Stainless Steel, Add	25.92	
	For Aluminum, Add	1.46	
	For Galvanized Steel, Add	5.02	
	For 304 Stainless Steel, Add	23.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0715	LF		3-1/2" x 3-1/2" x 3/16" Square Steel Tubing	18.49	6.65
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.13	
			For >500 To 1,000, Deduct	-1.81	
			For >1,000, Deduct	-2.50	
			For 316 Stainless Steel, Add	30.75	
			For Aluminum, Add	1.73	
			For Galvanized Steel, Add	5.96	
			For 304 Stainless Steel, Add	27.39	
05 12 23 00-0716	LF		4" x 4" x 3/16" Square Steel Tubing.....	21.36	7.69
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.09	
			For >1,000, Deduct	-2.88	
			For 316 Stainless Steel, Add	35.52	
			For Aluminum, Add	2.00	
			For Galvanized Steel, Add	6.88	
			For 304 Stainless Steel, Add	31.64	
05 12 23 00-0717	LF		4-1/2" x 4-1/2" x 3/16" Square Steel Tubing	24.26	8.74
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.38	
			For >1,000, Deduct	-3.28	
			For 316 Stainless Steel, Add	40.35	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.94	
05 12 23 00-0718	LF		5" x 5" x 3/16" Square Steel Tubing.....	27.14	9.77
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.66	
			For 316 Stainless Steel, Add	45.15	
			For Aluminum, Add	2.54	
			For Galvanized Steel, Add	8.75	
			For 304 Stainless Steel, Add	40.21	
05 12 23 00-0719	LF		6" x 6" x 3/16" Square Steel Tubing.....	32.95	11.87
			For >100 To 250, Deduct	-1.19	
			For >250 To 500, Deduct	-2.01	
			For >500 To 1,000, Deduct	-3.23	
			For >1,000, Deduct	-4.45	
			For 316 Stainless Steel, Add	54.82	
			For Aluminum, Add	3.08	
			For Galvanized Steel, Add	10.62	
			For 304 Stainless Steel, Add	48.82	
05 12 23 00-0720			1/4" Wall Thickness (05 12 23 00-0687)		
05 12 23 00-0721	LF		2" x 2" x 1/4" Square Steel Tubing.....	10.34	3.53
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.61	
			For >500 To 1,000, Deduct	-0.99	
			For >1,000, Deduct	-1.36	
			For 316 Stainless Steel, Add	18.02	
			For Aluminum, Add	1.01	
			For Galvanized Steel, Add	3.49	
			For 304 Stainless Steel, Add	16.05	
05 12 23 00-0722	LF		2-1/2" x 2-1/2" x 1/4" Square Steel Tubing	13.59	4.65
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.80	
			For >500 To 1,000, Deduct	-1.30	
			For >1,000, Deduct	-1.79	
			For 316 Stainless Steel, Add	23.68	
			For Aluminum, Add	1.33	
			For Galvanized Steel, Add	4.59	
			For 304 Stainless Steel, Add	21.09	
05 12 23 00-0723	LF		3" x 3" x 1/4" Square Steel Tubing.....	16.83	5.76
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.61	
			For >1,000, Deduct	-2.22	
			For 316 Stainless Steel, Add	29.31	
			For Aluminum, Add	1.65	
			For Galvanized Steel, Add	5.68	
			For 304 Stainless Steel, Add	26.11	
05 12 23 00-0724	LF		3-1/2" x 3-1/2" x 1/4" Square Steel Tubing	20.09	6.86
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000, Deduct	-2.65	
			For 316 Stainless Steel, Add	34.98	
			For Aluminum, Add	1.97	
			For Galvanized Steel, Add	6.78	
			For 304 Stainless Steel, Add	31.15	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0725	LF	4" x 4" x 1/4" Square Steel Tubing.....	23.34	7.98
		For >100 To 250, Deduct	-0.80	
		For >250 To 500, Deduct	-1.38	
		For >500 To 1,000, Deduct	-2.23	
		For >1,000, Deduct	-3.08	
		For 316 Stainless Steel, Add	40.64	
		For Aluminum, Add	2.29	
		For Galvanized Steel, Add	7.87	
		For 304 Stainless Steel, Add	36.20	
05 12 23 00-0726	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing.....	26.59	9.09
		For >100 To 250, Deduct	-0.91	
		For >250 To 500, Deduct	-1.57	
		For >500 To 1,000, Deduct	-2.54	
		For >1,000, Deduct	-3.51	
		For 316 Stainless Steel, Add	46.30	
		For Aluminum, Add	2.60	
		For Galvanized Steel, Add	8.97	
		For 304 Stainless Steel, Add	41.24	
05 12 23 00-0727	LF	5" x 5" x 1/4" Square Steel Tubing.....	29.86	10.21
		For >100 To 250, Deduct	-1.02	
		For >250 To 500, Deduct	-1.77	
		For >500 To 1,000, Deduct	-2.85	
		For >1,000, Deduct	-3.94	
		For 316 Stainless Steel, Add	52.00	
		For Aluminum, Add	2.93	
		For Galvanized Steel, Add	10.08	
		For 304 Stainless Steel, Add	46.31	
05 12 23 00-0728	LF	6" x 6" x 1/4" Square Steel Tubing.....	36.36	12.43
		For >100 To 250, Deduct	-1.24	
		For >250 To 500, Deduct	-2.15	
		For >500 To 1,000, Deduct	-3.48	
		For >1,000, Deduct	-4.80	
		For 316 Stainless Steel, Add	63.33	
		For Aluminum, Add	3.56	
		For Galvanized Steel, Add	12.27	
		For 304 Stainless Steel, Add	56.40	

05 12 23 00-0729 Rectangular Steel Tubing (05 12 23 00-0686)

05 12 23 00-0730 3/16" Wall Thickness (05 12 23 00-0729)

05 12 23 00-0731	LF	3" x 2" x 3/16" Square Steel Tubing.....	12.68	4.57
		For >100 To 250, Deduct	-0.46	
		For >250 To 500, Deduct	-0.77	
		For >500 To 1,000, Deduct	-1.24	
		For >1,000, Deduct	-1.71	
		For 316 Stainless Steel, Add	21.09	
		For Aluminum, Add	1.19	
		For Galvanized Steel, Add	4.09	
		For 304 Stainless Steel, Add	18.78	
05 12 23 00-0732	LF	4" x 2" x 3/16" Square Steel Tubing.....	15.58	5.61
		For >100 To 250, Deduct	-0.56	
		For >250 To 500, Deduct	-0.95	
		For >500 To 1,000, Deduct	-1.53	
		For >1,000, Deduct	-2.10	
		For 316 Stainless Steel, Add	25.92	
		For Aluminum, Add	1.46	
		For Galvanized Steel, Add	5.02	
		For 304 Stainless Steel, Add	23.09	
05 12 23 00-0733	LF	4" x 3" x 3/16" Square Steel Tubing.....	18.49	6.65
		For >100 To 250, Deduct	-0.67	
		For >250 To 500, Deduct	-1.13	
		For >500 To 1,000, Deduct	-1.81	
		For >1,000, Deduct	-2.50	
		For 316 Stainless Steel, Add	30.75	
		For Aluminum, Add	1.73	
		For Galvanized Steel, Add	5.96	
		For 304 Stainless Steel, Add	27.39	
05 12 23 00-0734	LF	5" x 2" x 3/16" Square Steel Tubing.....	18.49	6.65
		For >100 To 250, Deduct	-0.67	
		For >250 To 500, Deduct	-1.13	
		For >500 To 1,000, Deduct	-1.81	
		For >1,000, Deduct	-2.50	
		For 316 Stainless Steel, Add	30.75	
		For Aluminum, Add	1.73	
		For Galvanized Steel, Add	5.96	
		For 304 Stainless Steel, Add	27.39	
05 12 23 00-0735	LF	5" x 3" x 3/16" Square Steel Tubing.....	21.36	7.69
		For >100 To 250, Deduct	-0.77	
		For >250 To 500, Deduct	-1.30	
		For >500 To 1,000, Deduct	-2.09	
		For >1,000, Deduct	-2.88	
		For 316 Stainless Steel, Add	35.52	
		For Aluminum, Add	2.00	
		For Galvanized Steel, Add	6.88	
		For 304 Stainless Steel, Add	31.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0736	LF		5" x 4" x 3/16" Square Steel Tubing.....	24.26	8.74
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.38	
			For >1,000, Deduct	-3.28	
			For 316 Stainless Steel, Add	40.35	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.94	
05 12 23 00-0737	LF		6" x 2" x 3/16" Square Steel Tubing.....	21.36	7.69
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.30	
			For >500 To 1,000, Deduct	-2.09	
			For >1,000, Deduct	-2.88	
			For 316 Stainless Steel, Add	35.52	
			For Aluminum, Add	2.00	
			For Galvanized Steel, Add	6.88	
			For 304 Stainless Steel, Add	31.64	
05 12 23 00-0738	LF		6" x 3" x 3/16" Square Steel Tubing.....	24.26	8.74
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.38	
			For >1,000, Deduct	-3.28	
			For 316 Stainless Steel, Add	40.35	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For 304 Stainless Steel, Add	35.94	
05 12 23 00-0739	LF		6" x 4" x 3/16" Square Steel Tubing.....	27.14	9.77
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.66	
			For 316 Stainless Steel, Add	45.15	
			For Aluminum, Add	2.54	
			For Galvanized Steel, Add	8.75	
			For 304 Stainless Steel, Add	40.21	
05 12 23 00-0740			1/4" Wall Thickness (05 12 23 00-0729)		
05 12 23 00-0741	LF		3" x 2" x 1/4" Square Steel Tubing.....	13.59	4.65
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.80	
			For >500 To 1,000, Deduct	-1.30	
			For >1,000, Deduct	-1.79	
			For 316 Stainless Steel, Add	23.68	
			For Aluminum, Add	1.33	
			For Galvanized Steel, Add	4.59	
			For 304 Stainless Steel, Add	21.09	
05 12 23 00-0742	LF		4" x 2" x 1/4" Square Steel Tubing.....	16.83	5.76
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.00	
			For >500 To 1,000, Deduct	-1.61	
			For >1,000, Deduct	-2.22	
			For 316 Stainless Steel, Add	29.31	
			For Aluminum, Add	1.65	
			For Galvanized Steel, Add	5.68	
			For 304 Stainless Steel, Add	26.11	
05 12 23 00-0743	LF		4" x 3" x 1/4" Square Steel Tubing.....	20.09	6.86
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000, Deduct	-2.65	
			For 316 Stainless Steel, Add	34.98	
			For Aluminum, Add	1.97	
			For Galvanized Steel, Add	6.78	
			For 304 Stainless Steel, Add	31.15	
05 12 23 00-0744	LF		5" x 2" x 1/4" Square Steel Tubing.....	20.09	6.86
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.92	
			For >1,000, Deduct	-2.65	
			For 316 Stainless Steel, Add	34.98	
			For Aluminum, Add	1.97	
			For Galvanized Steel, Add	6.78	
			For 304 Stainless Steel, Add	31.15	
05 12 23 00-0745	LF		5" x 3" x 1/4" Square Steel Tubing.....	23.34	7.98
			For >100 To 250, Deduct	-0.80	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.08	
			For 316 Stainless Steel, Add	40.64	
			For Aluminum, Add	2.29	
			For Galvanized Steel, Add	7.87	
			For 304 Stainless Steel, Add	36.20	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0746	LF	5" x 4" x 1/4" Square Steel Tubing	26.59	9.09
		<i>For >100 To 250, Deduct</i>	-0.91	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500 To 1,000, Deduct</i>	-2.54	
		<i>For >1,000, Deduct</i>	-3.51	
		<i>For 316 Stainless Steel, Add</i>	46.30	
		<i>For Aluminum, Add</i>	2.60	
		<i>For Galvanized Steel, Add</i>	8.97	
		<i>For 304 Stainless Steel, Add</i>	41.24	
05 12 23 00-0747	LF	6" x 2" x 1/4" Square Steel Tubing	23.34	7.98
		<i>For >100 To 250, Deduct</i>	-0.80	
		<i>For >250 To 500, Deduct</i>	-1.38	
		<i>For >500 To 1,000, Deduct</i>	-2.23	
		<i>For >1,000, Deduct</i>	-3.08	
		<i>For 316 Stainless Steel, Add</i>	40.64	
		<i>For Aluminum, Add</i>	2.29	
		<i>For Galvanized Steel, Add</i>	7.87	
		<i>For 304 Stainless Steel, Add</i>	36.20	
05 12 23 00-0748	LF	6" x 3" x 1/4" Square Steel Tubing	26.59	9.09
		<i>For >100 To 250, Deduct</i>	-0.91	
		<i>For >250 To 500, Deduct</i>	-1.57	
		<i>For >500 To 1,000, Deduct</i>	-2.54	
		<i>For >1,000, Deduct</i>	-3.51	
		<i>For 316 Stainless Steel, Add</i>	46.30	
		<i>For Aluminum, Add</i>	2.60	
		<i>For Galvanized Steel, Add</i>	8.97	
		<i>For 304 Stainless Steel, Add</i>	41.24	
05 12 23 00-0749	LF	6" x 4" x 1/4" Square Steel Tubing	29.86	10.21
		<i>For >100 To 250, Deduct</i>	-1.02	
		<i>For >250 To 500, Deduct</i>	-1.77	
		<i>For >500 To 1,000, Deduct</i>	-2.85	
		<i>For >1,000, Deduct</i>	-3.94	
		<i>For 316 Stainless Steel, Add</i>	52.00	
		<i>For Aluminum, Add</i>	2.93	
		<i>For Galvanized Steel, Add</i>	10.08	
		<i>For 304 Stainless Steel, Add</i>	46.31	
05 12 23 00-0750		Round Steel Tubing <small>(05 12 23 00-0686)</small>		
05 12 23 00-0751		0.065" Wall Thickness <small>(05 12 23 00-0750)</small>		
05 12 23 00-0752	LF	1" Diameter x 0.065" Round Steel Tubing	2.71	0.85
		<i>For >100 To 250, Deduct</i>	-0.08	
		<i>For >250 To 500, Deduct</i>	-0.15	
		<i>For >500 To 1,000, Deduct</i>	-0.25	
		<i>For >1,000, Deduct</i>	-0.34	
		<i>For 316 Stainless Steel, Add</i>	5.06	
		<i>For Aluminum, Add</i>	0.28	
		<i>For Galvanized Steel, Add</i>	0.98	
		<i>For 304 Stainless Steel, Add</i>	4.50	
05 12 23 00-0753	LF	1-1/4" Diameter x 0.065" Round Steel Tubing	3.44	1.08
		<i>For >100 To 250, Deduct</i>	-0.11	
		<i>For >250 To 500, Deduct</i>	-0.19	
		<i>For >500 To 1,000, Deduct</i>	-0.32	
		<i>For >1,000, Deduct</i>	-0.44	
		<i>For 316 Stainless Steel, Add</i>	6.43	
		<i>For Aluminum, Add</i>	0.36	
		<i>For Galvanized Steel, Add</i>	1.25	
		<i>For 304 Stainless Steel, Add</i>	5.73	
05 12 23 00-0754	LF	1-1/2" Diameter x 0.065" Round Steel Tubing	4.16	1.30
		<i>For >100 To 250, Deduct</i>	-0.13	
		<i>For >250 To 500, Deduct</i>	-0.23	
		<i>For >500 To 1,000, Deduct</i>	-0.38	
		<i>For >1,000, Deduct</i>	-0.53	
		<i>For 316 Stainless Steel, Add</i>	7.78	
		<i>For Aluminum, Add</i>	0.44	
		<i>For Galvanized Steel, Add</i>	1.51	
		<i>For 304 Stainless Steel, Add</i>	6.93	
05 12 23 00-0755	LF	2" Diameter x 0.065" Round Steel Tubing	5.60	1.75
		<i>For >100 To 250, Deduct</i>	-0.17	
		<i>For >250 To 500, Deduct</i>	-0.31	
		<i>For >500 To 1,000, Deduct</i>	-0.51	
		<i>For >1,000, Deduct</i>	-0.71	
		<i>For 316 Stainless Steel, Add</i>	10.46	
		<i>For Aluminum, Add</i>	0.59	
		<i>For Galvanized Steel, Add</i>	2.03	
		<i>For 304 Stainless Steel, Add</i>	9.32	
05 12 23 00-0756	LF	2-1/2" Diameter x 0.065" Round Steel Tubing	7.07	2.20
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.40	
		<i>For >500 To 1,000, Deduct</i>	-0.65	
		<i>For >1,000, Deduct</i>	-0.90	
		<i>For 316 Stainless Steel, Add</i>	13.18	
		<i>For Aluminum, Add</i>	0.74	
		<i>For Galvanized Steel, Add</i>	2.55	
		<i>For 304 Stainless Steel, Add</i>	11.74	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0757	LF			3" Diameter x 0.065" Round Steel Tubing 8.51		2.66
				For >100 To 250, Deduct	-0.27	
				For >250 To 500, Deduct	-0.48	
				For >500 To 1,000, Deduct	-0.78	
				For >1,000, Deduct	-1.08	
				For 316 Stainless Steel, Add	15.87	
				For Aluminum, Add	0.89	
				For Galvanized Steel, Add	3.08	
				For 304 Stainless Steel, Add	14.14	
05 12 23 00-0758	LF			3-1/2" Diameter x 0.065" Round Steel Tubing 9.97		3.12
				For >100 To 250, Deduct	-0.31	
				For >250 To 500, Deduct	-0.56	
				For >500 To 1,000, Deduct	-0.91	
				For >1,000, Deduct	-1.27	
				For 316 Stainless Steel, Add	18.59	
				For Aluminum, Add	1.05	
				For Galvanized Steel, Add	3.60	
				For 304 Stainless Steel, Add	16.56	
05 12 23 00-0759	LF			4" Diameter x 0.065" Round Steel Tubing 11.42		3.57
				For >100 To 250, Deduct	-0.36	
				For >250 To 500, Deduct	-0.64	
				For >500 To 1,000, Deduct	-1.05	
				For >1,000, Deduct	-1.45	
				For 316 Stainless Steel, Add	21.31	
				For Aluminum, Add	1.20	
				For Galvanized Steel, Add	4.13	
				For 304 Stainless Steel, Add	18.98	
05 12 23 00-0760				0.083" Wall Thickness <small>(05 12 23 00-0750)</small>		
05 12 23 00-0761	LF			1" Diameter x 0.083" Round Steel Tubing 2.95		0.93
				For >100 To 250, Deduct	-0.09	
				For >250 To 500, Deduct	-0.17	
				For >500 To 1,000, Deduct	-0.27	
				For >1,000, Deduct	-0.38	
				For 316 Stainless Steel, Add	5.47	
				For Aluminum, Add	0.31	
				For Galvanized Steel, Add	1.06	
				For 304 Stainless Steel, Add	4.87	
05 12 23 00-0762	LF			1-1/4" Diameter x 0.083" Round Steel Tubing 3.76		1.19
				For >100 To 250, Deduct	-0.12	
				For >250 To 500, Deduct	-0.21	
				For >500 To 1,000, Deduct	-0.35	
				For >1,000, Deduct	-0.48	
				For 316 Stainless Steel, Add	6.98	
				For Aluminum, Add	0.39	
				For Galvanized Steel, Add	1.35	
				For 304 Stainless Steel, Add	6.21	
05 12 23 00-0763	LF			1-1/2" Diameter x 0.083" Round Steel Tubing 4.55		1.44
				For >100 To 250, Deduct	-0.14	
				For >250 To 500, Deduct	-0.26	
				For >500 To 1,000, Deduct	-0.42	
				For >1,000, Deduct	-0.58	
				For 316 Stainless Steel, Add	8.45	
				For Aluminum, Add	0.48	
				For Galvanized Steel, Add	1.64	
				For 304 Stainless Steel, Add	7.52	
05 12 23 00-0764	LF			2" Diameter x 0.083" Round Steel Tubing 6.17		1.94
				For >100 To 250, Deduct	-0.19	
				For >250 To 500, Deduct	-0.35	
				For >500 To 1,000, Deduct	-0.57	
				For >1,000, Deduct	-0.79	
				For 316 Stainless Steel, Add	11.46	
				For Aluminum, Add	0.64	
				For Galvanized Steel, Add	2.22	
				For 304 Stainless Steel, Add	10.20	
05 12 23 00-0765	LF			2-1/2" Diameter x 0.083" Round Steel Tubing 7.78		2.45
				For >100 To 250, Deduct	-0.25	
				For >250 To 500, Deduct	-0.44	
				For >500 To 1,000, Deduct	-0.72	
				For >1,000, Deduct	-0.99	
				For 316 Stainless Steel, Add	14.43	
				For Aluminum, Add	0.81	
				For Galvanized Steel, Add	2.80	
				For 304 Stainless Steel, Add	12.85	
05 12 23 00-0766	LF			3" Diameter x 0.083" Round Steel Tubing 9.39		2.96
				For >100 To 250, Deduct	-0.30	
				For >250 To 500, Deduct	-0.53	
				For >500 To 1,000, Deduct	-0.86	
				For >1,000, Deduct	-1.20	
				For 316 Stainless Steel, Add	17.41	
				For Aluminum, Add	0.98	
				For Galvanized Steel, Add	3.37	
				For 304 Stainless Steel, Add	15.50	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0767	LF 3-1/2" Diameter x 0.083" Round Steel Tubing	11.00	3.46
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.62	
	For >500 To 1,000, Deduct	-1.01	
	For >1,000, Deduct	-1.40	
	For 316 Stainless Steel, Add	20.42	
	For Aluminum, Add	1.15	
	For Galvanized Steel, Add	3.96	
	For 304 Stainless Steel, Add	18.18	
05 12 23 00-0768	LF 4" Diameter x 0.083" Round Steel Tubing	12.60	3.97
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.71	
	For >500 To 1,000, Deduct	-1.16	
	For >1,000, Deduct	-1.61	
	For 316 Stainless Steel, Add	23.39	
	For Aluminum, Add	1.32	
	For Galvanized Steel, Add	4.53	
	For 304 Stainless Steel, Add	20.83	
05 12 23 00-0769	0.125" Wall Thickness (05 12 23 00-0750)		
05 12 23 00-0770	LF 2" Diameter x 0.125" Round Steel Tubing	6.78	2.46
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.41	
	For >500 To 1,000, Deduct	-0.67	
	For >1,000, Deduct	-0.92	
	For 316 Stainless Steel, Add	11.23	
	For Aluminum, Add	0.63	
	For Galvanized Steel, Add	2.18	
	For 304 Stainless Steel, Add	10.00	
05 12 23 00-0771	LF 2-1/2" Diameter x 0.125" Round Steel Tubing	8.60	3.11
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.53	
	For >500 To 1,000, Deduct	-0.85	
	For >1,000, Deduct	-1.16	
	For 316 Stainless Steel, Add	14.24	
	For Aluminum, Add	0.80	
	For Galvanized Steel, Add	2.76	
	For 304 Stainless Steel, Add	12.68	
05 12 23 00-0772	LF 3" Diameter x 0.125" Round Steel Tubing	10.39	3.76
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.64	
	For >500 To 1,000, Deduct	-1.02	
	For >1,000, Deduct	-1.41	
	For 316 Stainless Steel, Add	17.22	
	For Aluminum, Add	0.97	
	For Galvanized Steel, Add	3.34	
	For 304 Stainless Steel, Add	15.33	
05 12 23 00-0773	LF 3-1/2" Diameter x 0.125" Round Steel Tubing	12.21	4.42
	For >100 To 250, Deduct	-0.44	
	For >250 To 500, Deduct	-0.75	
	For >500 To 1,000, Deduct	-1.20	
	For >1,000, Deduct	-1.65	
	For 316 Stainless Steel, Add	20.22	
	For Aluminum, Add	1.14	
	For Galvanized Steel, Add	3.92	
	For 304 Stainless Steel, Add	18.01	
05 12 23 00-0774	LF 4" Diameter x 0.125" Round Steel Tubing	14.01	5.07
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.86	
	For >500 To 1,000, Deduct	-1.38	
	For >1,000, Deduct	-1.90	
	For 316 Stainless Steel, Add	23.20	
	For Aluminum, Add	1.31	
	For Galvanized Steel, Add	4.50	
	For 304 Stainless Steel, Add	20.66	
05 12 23 00-0775	Flat Steel Bar (05 12 23 00-0437)		
05 12 23 00-0776	1/8" Thick (05 12 23 00-0775)		
05 12 23 00-0777	LF 1/8" Thick x 1" Wide Flat Steel Bar	2.22	1.22
	For 316 Stainless Steel, Add	1.25	
	For Aluminum, Add	0.07	
	For Galvanized Steel, Add	0.24	
	For 304 Stainless Steel, Add	1.11	
05 12 23 00-0778	LF 1/8" Thick x 2" Wide Flat Steel Bar	3.40	1.83
	For 316 Stainless Steel, Add	2.08	
	For Aluminum, Add	0.12	
	For Galvanized Steel, Add	0.40	
	For 304 Stainless Steel, Add	1.85	
05 12 23 00-0779	LF 1/8" Thick x 4" Wide Flat Steel Bar	5.05	2.58
	For 316 Stainless Steel, Add	3.81	
	For Aluminum, Add	0.21	
	For Galvanized Steel, Add	0.74	
	For 304 Stainless Steel, Add	3.39	
05 12 23 00-0780	LF 1/8" Thick x 6" Wide Flat Steel Bar	6.85	3.50
	For 316 Stainless Steel, Add	5.12	
	For Aluminum, Add	0.29	
	For Galvanized Steel, Add	0.99	
	For 304 Stainless Steel, Add	4.56	

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

05 12 23 00-0781	3/16" Thick <small>(05 12 23 00-0775)</small>			
05 12 23 00-0782	LF 3/16" Thick x 1" Wide Flat Steel Bar	2.87	1.52	
	For 316 Stainless Steel, Add	1.92		
	For Aluminum, Add	0.11		
	For Galvanized Steel, Add	0.37		
	For 304 Stainless Steel, Add	1.71		
05 12 23 00-0783	LF 3/16" Thick x 2" Wide Flat Steel Bar	4.44	2.27	
	For 316 Stainless Steel, Add	3.30		
	For Aluminum, Add	0.19		
	For Galvanized Steel, Add	0.64		
	For 304 Stainless Steel, Add	2.94		
05 12 23 00-0784	LF 3/16" Thick x 4" Wide Flat Steel Bar	5.65	2.62	
	For 316 Stainless Steel, Add	5.57		
	For Aluminum, Add	0.31		
	For Galvanized Steel, Add	1.08		
	For 304 Stainless Steel, Add	4.96		
05 12 23 00-0785	LF 3/16" Thick x 6" Wide Flat Steel Bar	7.84	3.62	
	For 316 Stainless Steel, Add	7.71		
	For Aluminum, Add	0.43		
	For Galvanized Steel, Add	1.49		
	For 304 Stainless Steel, Add	6.87		
05 12 23 00-0786	1/4" Thick <small>(05 12 23 00-0775)</small>			
05 12 23 00-0787	LF 1/4" Thick x 1" Wide Flat Steel Bar	3.00	1.60	
	For 316 Stainless Steel, Add	1.89		
	For Aluminum, Add	0.11		
	For Galvanized Steel, Add	0.37		
	For 304 Stainless Steel, Add	1.68		
05 12 23 00-0788	LF 1/4" Thick x 2" Wide Flat Steel Bar	4.79	2.41	
	For 316 Stainless Steel, Add	3.81		
	For Aluminum, Add	0.21		
	For Galvanized Steel, Add	0.74		
	For 304 Stainless Steel, Add	3.39		
05 12 23 00-0789	LF 1/4" Thick x 4" Wide Flat Steel Bar	6.43	2.75	
	For 316 Stainless Steel, Add	7.39		
	For Aluminum, Add	0.42		
	For Galvanized Steel, Add	1.43		
	For 304 Stainless Steel, Add	6.58		
05 12 23 00-0790	LF 1/4" Thick x 6" Wide Flat Steel Bar	9.38	4.06	
	For 316 Stainless Steel, Add	10.50		
	For Aluminum, Add	0.59		
	For Galvanized Steel, Add	2.03		
	For 304 Stainless Steel, Add	9.35		
05 12 23 00-0791	3/8" Thick <small>(05 12 23 00-0775)</small>			
05 12 23 00-0792	LF 3/8" Thick x 1" Wide Flat Steel Bar	3.64	1.80	
	For 316 Stainless Steel, Add	2.98		
	For Aluminum, Add	0.17		
	For Galvanized Steel, Add	0.58		
	For 304 Stainless Steel, Add	2.65		
05 12 23 00-0793	LF 3/8" Thick x 2" Wide Flat Steel Bar	5.77	2.70	
	For 316 Stainless Steel, Add	5.47		
	For Aluminum, Add	0.31		
	For Galvanized Steel, Add	1.06		
	For 304 Stainless Steel, Add	4.87		
05 12 23 00-0794	LF 3/8" Thick x 4" Wide Flat Steel Bar	8.05	3.08	
	For 316 Stainless Steel, Add	10.94		
	For Aluminum, Add	0.62		
	For Galvanized Steel, Add	2.12		
	For 304 Stainless Steel, Add	9.75		
05 12 23 00-0795	LF 3/8" Thick x 6" Wide Flat Steel Bar	11.67	4.57	
	For 316 Stainless Steel, Add	15.39		
	For Aluminum, Add	0.87		
	For Galvanized Steel, Add	2.98		
	For 304 Stainless Steel, Add	13.71		
05 12 23 00-0796	1/2" Thick <small>(05 12 23 00-0775)</small>			
05 12 23 00-0797	LF 1/2" Thick x 1" Wide Flat Steel Bar	4.17	1.97	
	For 316 Stainless Steel, Add	3.81		
	For Aluminum, Add	0.21		
	For Galvanized Steel, Add	0.74		
	For 304 Stainless Steel, Add	3.39		
05 12 23 00-0798	LF 1/2" Thick x 2" Wide Flat Steel Bar	6.65	2.98	
	For 316 Stainless Steel, Add	6.98		
	For Aluminum, Add	0.39		
	For Galvanized Steel, Add	1.35		
	For 304 Stainless Steel, Add	6.21		
05 12 23 00-0799	LF 1/2" Thick x 4" Wide Flat Steel Bar	8.81	3.39	
	For 316 Stainless Steel, Add	11.90		
	For Aluminum, Add	0.67		
	For Galvanized Steel, Add	2.31		
	For 304 Stainless Steel, Add	10.60		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0800	LF	1/2" Thick x 6" Wide Flat Steel Bar	14.97	5.02
		For 316 Stainless Steel, Add	23.74	
		For Aluminum, Add	1.34	
		For Galvanized Steel, Add	4.60	
		For 304 Stainless Steel, Add	21.15	
05 12 23 00-0801		Flat Steel Plate (05 12 23 00-0437)		
05 12 23 00-0802	SF	1/8" Thick Flat Steel Plate	10.68	5.25
		For 316 Stainless Steel, Add	8.96	
		For Aluminum, Add	0.50	
		For Galvanized Steel, Add	1.74	
		For 304 Stainless Steel, Add	7.98	
05 12 23 00-0803	SF	3/16" Thick Flat Steel Plate	11.66	5.43
		For 316 Stainless Steel, Add	11.20	
		For Aluminum, Add	0.63	
		For Galvanized Steel, Add	2.17	
		For 304 Stainless Steel, Add	9.98	
05 12 23 00-0804	SF	1/4" Thick Flat Steel Plate	13.61	6.09
		For 316 Stainless Steel, Add	14.27	
		For Aluminum, Add	0.80	
		For Galvanized Steel, Add	2.77	
		For 304 Stainless Steel, Add	12.71	
05 12 23 00-0805	SF	3/8" Thick Flat Steel Plate	17.30	6.85
		For 316 Stainless Steel, Add	22.43	
		For Aluminum, Add	1.26	
		For Galvanized Steel, Add	4.35	
		For 304 Stainless Steel, Add	19.98	
05 12 23 00-0806	SF	1/2" Thick Flat Steel Plate	20.04	7.54
		For 316 Stainless Steel, Add	27.94	
		For Aluminum, Add	1.57	
		For Galvanized Steel, Add	5.41	
		For 304 Stainless Steel, Add	24.88	
05 12 23 00-0807	SF	3/4" Thick Flat Steel Plate	30.51	9.34
		For 316 Stainless Steel, Add	52.38	
		For Aluminum, Add	2.95	
		For Galvanized Steel, Add	10.15	
		For 304 Stainless Steel, Add	46.65	
05 12 23 00-0808	SF	1" Thick Flat Steel Plate	40.09	11.66
		For 316 Stainless Steel, Add	71.71	
		For Aluminum, Add	4.03	
		For Galvanized Steel, Add	13.89	
		For 304 Stainless Steel, Add	63.87	

05 14 Structural Aluminum Framing (05 10)**05 14 16 Structural Aluminum Framing** (05 14)

05 14 16 00-0001		Rolled Or Plate Shapes (05 14 16)		
		Note: 1" through 10" member.		
05 14 16 00-0002	LB	Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	7.56	3.98
05 14 16 00-0003	LB	Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	7.31	2.68
05 14 16 00-0004		Aluminum Extrusions (05 14 16)		
05 14 16 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	6.76	2.68
05 14 16 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	6.99	2.68
05 14 16 00-0007		Aluminum Tubing (05 14 16)		
05 14 16 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	8.19	2.94
05 14 16 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness	10.80	4.79
05 14 16 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	12.16	5.22
05 14 16 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	14.12	6.10
05 14 16 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness	15.62	6.53
05 14 16 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness	28.35	8.27
05 14 16 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness	24.21	7.41
05 14 16 00-0015		Columns (05 14 16)		
		Note: Baked on paint finish, load bearing.		
05 14 16 00-0016		Round Columns (05 14 16 00-0015)		
05 14 16 00-0017	LF	6" Diameter Aluminum Column	22.04	5.62
05 14 16 00-0018	LF	8" Diameter Aluminum Column	29.27	8.06
05 14 16 00-0019	LF	10" Diameter Aluminum Column	34.70	9.06
05 14 16 00-0020	LF	12" Diameter Aluminum Column	46.71	9.48
05 14 16 00-0021	LF	15" Diameter Aluminum Column	58.19	10.99
05 14 16 00-0022	EA	6" Diameter Aluminum Base And Cap	41.07	10.49
05 14 16 00-0023	EA	8" Diameter Aluminum Base And Cap	46.13	11.33
05 14 16 00-0024	EA	10" Diameter Aluminum Base And Cap	56.03	12.60
05 14 16 00-0025	EA	12" Diameter Aluminum Base And Cap	86.13	13.43
05 14 16 00-0026	EA	15" Diameter Aluminum Base And Cap	124.33	14.69
05 14 16 00-0027		Octagonal Columns (05 14 16 00-0015)		
05 14 16 00-0028	LF	6" Diameter Aluminum Column	22.99	5.62

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

05 14 16 00-0029	LF		8" Diameter Aluminum Column.....	31.90	8.06
05 14 16 00-0030	LF		10" Diameter Aluminum Column.....	38.01	9.06
05 14 16 00-0031	LF		12" Diameter Aluminum Column.....	52.27	9.48
05 14 16 00-0032	LF		15" Diameter Aluminum Column.....	65.45	10.99
05 14 16 00-0033	EA		6" Diameter Aluminum Base And Cap.....	45.08	10.49
05 14 16 00-0034	EA		8" Diameter Aluminum Base And Cap.....	50.83	11.33
05 14 16 00-0035	EA		10" Diameter Aluminum Base And Cap.....	62.20	12.60
05 14 16 00-0036	EA		12" Diameter Aluminum Base And Cap.....	97.99	13.43
05 14 16 00-0037	EA		15" Diameter Aluminum Base And Cap.....	143.32	14.69

05 14 16 00-0038 Fluted Columns (05 14 16 00-0015)

05 14 16 00-0039	LF		6" Diameter Aluminum Column.....	24.76	5.62
05 14 16 00-0040	LF		8" Diameter Aluminum Column.....	34.26	8.06
05 14 16 00-0041	LF		10" Diameter Aluminum Column.....	41.00	9.06
05 14 16 00-0042	LF		12" Diameter Aluminum Column.....	57.28	9.48
05 14 16 00-0043	LF		15" Diameter Aluminum Column.....	71.98	10.99
05 14 16 00-0044	EA		6" Diameter Aluminum Base And Cap.....	48.70	10.49
05 14 16 00-0045	EA		8" Diameter Aluminum Base And Cap.....	55.05	11.33
05 14 16 00-0046	EA		10" Diameter Aluminum Base And Cap.....	67.75	12.60
05 14 16 00-0047	EA		12" Diameter Aluminum Base And Cap.....	108.65	13.43
05 14 16 00-0048	EA		15" Diameter Aluminum Base And Cap.....	160.41	14.69

05 14 16 00-0049 Square Columns (05 14 16 00-0015)

05 14 16 00-0050	LF		6" Aluminum Column.....	25.98	5.62
05 14 16 00-0051	LF		8" Aluminum Column.....	35.87	8.06
05 14 16 00-0052	LF		10" Aluminum Column.....	43.04	9.06
05 14 16 00-0053	LF		12" Aluminum Column.....	60.70	9.48
05 14 16 00-0054	LF		15" Aluminum Column.....	76.45	10.99
05 14 16 00-0055	EA		6" Aluminum Base And Cap.....	51.17	10.49
05 14 16 00-0056	EA		8" Aluminum Base And Cap.....	57.94	11.33
05 14 16 00-0057	EA		10" Aluminum Base And Cap.....	71.55	12.60
05 14 16 00-0058	EA		12" Aluminum Base And Cap.....	115.95	13.43
05 14 16 00-0059	EA		15" Aluminum Base And Cap.....	172.10	14.69

05 14 16 00-0060 Ornamental Or Decorative Cap And Bases (05 14 16 00-0015)

05 14 16 00-0061	EA		8" Corinthian Capital And Base.....	229.59	12.60
05 14 16 00-0062	EA		10" Corinthian Capital And Base.....	332.93	14.69
05 14 16 00-0063	EA		12" Corinthian Capital And Base.....	518.37	16.79
05 14 16 00-0064	EA		8" Scamozzi Capital And Base.....	122.15	12.60
05 14 16 00-0065	EA		10" Scamozzi Capital And Base.....	160.85	14.69
05 14 16 00-0066	EA		12" Scamozzi Capital And Base.....	307.16	16.79

05 15 Wire Rope Assemblies (05 10)
05 15 16 Steel Wire Rope Assemblies (05 15)

Note: IWRC = Independent Wire Rope Center; IPS = Improved Plow Steel; XIP = Extra Improved Plow Steel.

05 15 16 00-0001 6x7 Class Bright, IPS, Fiber Core (05 15 16)

05 15 16 00-0002	LF		1/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.31	0.06
			<i>For 7x7 Strand Core, Add</i>	0.01	
			<i>For <100, Add</i>	0.08	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.02	
			<i>For >2,000, Deduct</i>	-0.03	
05 15 16 00-0003	LF		3/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.35	0.07
			<i>For 7x7 Strand Core, Add</i>	0.01	
			<i>For <100, Add</i>	0.09	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.03	
			<i>For >2,000, Deduct</i>	-0.04	
05 15 16 00-0004	LF		1/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.47	0.08
			<i>For 7x7 Strand Core, Add</i>	0.02	
			<i>For <100, Add</i>	0.13	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.04	
			<i>For >2,000, Deduct</i>	-0.05	
05 15 16 00-0005	LF		5/32" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.51	0.09
			<i>For 7x7 Strand Core, Add</i>	0.02	
			<i>For <100, Add</i>	0.14	
			<i>For >500 To 1,000, Deduct</i>	-0.03	
			<i>For >1,000 To 2,000, Deduct</i>	-0.04	
			<i>For >2,000, Deduct</i>	-0.05	
05 15 16 00-0006	LF		3/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.73	0.09
			<i>For 7x7 Strand Core, Add</i>	0.03	
			<i>For <100, Add</i>	0.21	
			<i>For >500 To 1,000, Deduct</i>	-0.04	
			<i>For >1,000 To 2,000, Deduct</i>	-0.05	
			<i>For >2,000, Deduct</i>	-0.07	

05 Metals

05 10 Structural Metal Framing

05 15 Wire Rope Assemblies

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0007	LF	1/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	0.95	0.09
		<i>For 7x7 Strand Core, Add</i>	0.04	
		<i>For <100, Add</i>	0.29	
		<i>For >500 To 1,000, Deduct</i>	-0.05	
		<i>For >1,000 To 2,000, Deduct</i>	-0.07	
		<i>For >2,000, Deduct</i>	-0.10	
05 15 16 00-0008	LF	5/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.20	0.09
		<i>For 7x7 Strand Core, Add</i>	0.05	
		<i>For <100, Add</i>	0.37	
		<i>For >500 To 1,000, Deduct</i>	-0.06	
		<i>For >1,000 To 2,000, Deduct</i>	-0.09	
		<i>For >2,000, Deduct</i>	-0.12	
05 15 16 00-0009	LF	3/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.51	0.09
		<i>For 7x7 Strand Core, Add</i>	0.06	
		<i>For <100, Add</i>	0.46	
		<i>For >500 To 1,000, Deduct</i>	-0.08	
		<i>For >1,000 To 2,000, Deduct</i>	-0.11	
		<i>For >2,000, Deduct</i>	-0.15	
05 15 16 00-0010	LF	7/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	1.87	0.17
		<i>For 7x7 Strand Core, Add</i>	0.07	
		<i>For <100, Add</i>	0.55	
		<i>For >500 To 1,000, Deduct</i>	-0.09	
		<i>For >1,000 To 2,000, Deduct</i>	-0.14	
		<i>For >2,000, Deduct</i>	-0.19	
05 15 16 00-0011	LF	1/2" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.21	0.17
		<i>For 7x7 Strand Core, Add</i>	0.08	
		<i>For <100, Add</i>	0.64	
		<i>For >500 To 1,000, Deduct</i>	-0.11	
		<i>For >1,000 To 2,000, Deduct</i>	-0.17	
		<i>For >2,000, Deduct</i>	-0.22	
05 15 16 00-0012	LF	9/16" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	2.69	0.26
		<i>For 7x7 Strand Core, Add</i>	0.09	
		<i>For <100, Add</i>	0.77	
		<i>For >500 To 1,000, Deduct</i>	-0.13	
		<i>For >1,000 To 2,000, Deduct</i>	-0.20	
		<i>For >2,000, Deduct</i>	-0.27	
05 15 16 00-0013	LF	5/8" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	3.10	0.35
		<i>For 7x7 Strand Core, Add</i>	0.10	
		<i>For <100, Add</i>	0.88	
		<i>For >500 To 1,000, Deduct</i>	-0.16	
		<i>For >1,000 To 2,000, Deduct</i>	-0.23	
		<i>For >2,000, Deduct</i>	-0.31	
05 15 16 00-0014	LF	3/4" Diameter 6x7 Class Bright Wire Rope IPS, Fiber Core.....	4.17	0.43
		<i>For 7x7 Strand Core, Add</i>	0.14	
		<i>For <100, Add</i>	1.17	
		<i>For >500 To 1,000, Deduct</i>	-0.21	
		<i>For >1,000 To 2,000, Deduct</i>	-0.31	
		<i>For >2,000, Deduct</i>	-0.42	
05 15 16 00-0015		8x19 Class Bright, IPS, Fiber Core <small>(05 15 16)</small>		
05 15 16 00-0016	LF	3/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.05	0.09
		<i>For <100, Add</i>	0.32	
		<i>For >500 To 1,000, Deduct</i>	-0.05	
		<i>For >1,000 To 2,000, Deduct</i>	-0.08	
		<i>For >2,000, Deduct</i>	-0.11	
05 15 16 00-0017	LF	1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.56	0.09
		<i>For <100, Add</i>	0.50	
		<i>For >500 To 1,000, Deduct</i>	-0.08	
		<i>For >1,000 To 2,000, Deduct</i>	-0.12	
		<i>For >2,000, Deduct</i>	-0.16	
05 15 16 00-0018	LF	5/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	1.80	0.09
		<i>For <100, Add</i>	0.58	
		<i>For >500 To 1,000, Deduct</i>	-0.09	
		<i>For >1,000 To 2,000, Deduct</i>	-0.14	
		<i>For >2,000, Deduct</i>	-0.18	
05 15 16 00-0019	LF	3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.10	0.09
		<i>For <100, Add</i>	0.66	
		<i>For >500 To 1,000, Deduct</i>	-0.11	
		<i>For >1,000 To 2,000, Deduct</i>	-0.16	
		<i>For >2,000, Deduct</i>	-0.21	
05 15 16 00-0020	LF	7/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.50	0.17
		<i>For <100, Add</i>	0.77	
		<i>For >500 To 1,000, Deduct</i>	-0.13	
		<i>For >1,000 To 2,000, Deduct</i>	-0.19	
		<i>For >2,000, Deduct</i>	-0.25	
05 15 16 00-0021	LF	1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	2.88	0.17
		<i>For <100, Add</i>	0.87	
		<i>For >500 To 1,000, Deduct</i>	-0.14	
		<i>For >1,000 To 2,000, Deduct</i>	-0.22	
		<i>For >2,000, Deduct</i>	-0.29	
05 15 16 00-0022	LF	9/16" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	3.40	0.26
		<i>For <100, Add</i>	1.01	
		<i>For >500 To 1,000, Deduct</i>	-0.17	
		<i>For >1,000 To 2,000, Deduct</i>	-0.26	
		<i>For >2,000, Deduct</i>	-0.34	
05 15 16 00-0023	LF	5/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core.....	4.10	0.35
		<i>For <100, Add</i>	1.22	
		<i>For >500 To 1,000, Deduct</i>	-0.21	
		<i>For >1,000 To 2,000, Deduct</i>	-0.31	
		<i>For >2,000, Deduct</i>	-0.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0024 LF 3/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	5.73	0.43
For <100, Add	1.70	
For >500 To 1,000, Deduct	-0.29	
For >1,000 To 2,000, Deduct	-0.43	
For >2,000, Deduct	-0.57	
05 15 16 00-0025 LF 7/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	7.62	0.61
For <100, Add	2.25	
For >500 To 1,000, Deduct	-0.38	
For >1,000 To 2,000, Deduct	-0.57	
For >2,000, Deduct	-0.76	
05 15 16 00-0026 LF 1" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	9.58	0.88
For <100, Add	2.80	
For >500 To 1,000, Deduct	-0.48	
For >1,000 To 2,000, Deduct	-0.72	
For >2,000, Deduct	-0.96	
05 15 16 00-0027 LF 1-1/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	7.05	1.05
For <100, Add	1.77	
For >500 To 1,000, Deduct	-0.35	
For >1,000 To 2,000, Deduct	-0.53	
For >2,000, Deduct	-0.71	
05 15 16 00-0028 LF 1-1/4" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	14.47	1.31
For <100, Add	4.19	
For >500 To 1,000, Deduct	-0.72	
For >1,000 To 2,000, Deduct	-1.09	
For >2,000, Deduct	-1.45	
05 15 16 00-0029 LF 1-3/8" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	17.39	1.57
For <100, Add	5.05	
For >500 To 1,000, Deduct	-0.87	
For >1,000 To 2,000, Deduct	-1.30	
For >2,000, Deduct	-1.74	
05 15 16 00-0030 LF 1-1/2" Diameter 8x19 Bright Class Wire Rope IPS, Fiber Core	20.67	1.91
For <100, Add	5.99	
For >500 To 1,000, Deduct	-1.03	
For >1,000 To 2,000, Deduct	-1.55	
For >2,000, Deduct	-2.07	
05 15 16 00-0031 6x19 Class Bright, IPS, IWRC <small>(05 15 16)</small>		
05 15 16 00-0032 LF 1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	1.48	0.09
For <100, Add	0.48	
For >500 To 1,000, Deduct	-0.07	
For >1,000 To 2,000, Deduct	-0.11	
For >2,000, Deduct	-0.15	
For 7x19 Strand Core, Add	0.26	
For Heavy Duty IWRC Rating, Add	0.32	
For 7x19 Galvanized, Add	0.70	
05 15 16 00-0033 LF 5/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	1.75	0.09
For <100, Add	0.55	
For >500 To 1,000, Deduct	-0.09	
For >1,000 To 2,000, Deduct	-0.13	
For >2,000, Deduct	-0.18	
For 7x19 Strand Core, Add	0.29	
For Heavy Duty IWRC Rating, Add	0.36	
For 7x19 Galvanized, Add	0.79	
05 15 16 00-0034 LF 3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	2.11	0.17
For <100, Add	0.65	
For >500 To 1,000, Deduct	-0.11	
For >1,000 To 2,000, Deduct	-0.16	
For >2,000, Deduct	-0.21	
For 7x19 Strand Core, Add	0.33	
For Heavy Duty IWRC Rating, Add	0.42	
For 7x19 Galvanized, Add	0.91	
05 15 16 00-0035 LF 7/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	2.49	0.17
For <100, Add	0.75	
For >500 To 1,000, Deduct	-0.12	
For >1,000 To 2,000, Deduct	-0.19	
For >2,000, Deduct	-0.25	
For 7x19 Strand Core, Add	0.38	
For Heavy Duty IWRC Rating, Add	0.47	
For 7x19 Galvanized, Add	1.03	
05 15 16 00-0036 LF 1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	2.92	0.26
For <100, Add	0.86	
For >500 To 1,000, Deduct	-0.15	
For >1,000 To 2,000, Deduct	-0.22	
For >2,000, Deduct	-0.29	
For 7x19 Strand Core, Add	0.42	
For Heavy Duty IWRC Rating, Add	0.53	
For 7x19 Galvanized, Add	1.16	
05 15 16 00-0037 LF 9/16" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	3.45	0.35
For <100, Add	1.00	
For >500 To 1,000, Deduct	-0.17	
For >1,000 To 2,000, Deduct	-0.26	
For >2,000, Deduct	-0.35	
For 7x19 Strand Core, Add	0.48	
For Heavy Duty IWRC Rating, Add	0.61	
For 7x19 Galvanized, Add	1.33	

05 Metals

05 10 Structural Metal Framing

05 15 Wire Rope Assemblies

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0038	LF	5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	3.98	0.35
		<i>For <100, Add</i>	1.14	
		<i>For >500 To 1,000, Deduct</i>	-0.20	
		<i>For >1,000 To 2,000, Deduct</i>	-0.30	
		<i>For >2,000, Deduct</i>	-0.40	
		<i>For 7x19 Strand Core, Add</i>	0.54	
		<i>For Heavy Duty IWRC Rating, Add</i>	0.68	
		<i>For 7x19 Galvanized, Add</i>	1.49	
05 15 16 00-0039	LF	3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	5.63	0.61
		<i>For <100, Add</i>	1.60	
		<i>For >500 To 1,000, Deduct</i>	-0.28	
		<i>For >1,000 To 2,000, Deduct</i>	-0.42	
		<i>For >2,000, Deduct</i>	-0.56	
		<i>For 7x19 Strand Core, Add</i>	0.76	
		<i>For Heavy Duty IWRC Rating, Add</i>	0.95	
		<i>For 7x19 Galvanized, Add</i>	2.09	
05 15 16 00-0040	LF	7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	7.44	0.69
		<i>For <100, Add</i>	2.11	
		<i>For >500 To 1,000, Deduct</i>	-0.37	
		<i>For >1,000 To 2,000, Deduct</i>	-0.56	
		<i>For >2,000, Deduct</i>	-0.74	
		<i>For 7x19 Strand Core, Add</i>	0.99	
		<i>For Heavy Duty IWRC Rating, Add</i>	1.24	
		<i>For 7x19 Galvanized, Add</i>	2.72	
05 15 16 00-0041	LF	1" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	9.38	0.96
		<i>For <100, Add</i>	2.63	
		<i>For >500 To 1,000, Deduct</i>	-0.47	
		<i>For >1,000 To 2,000, Deduct</i>	-0.70	
		<i>For >2,000, Deduct</i>	-0.94	
		<i>For 7x19 Strand Core, Add</i>	1.22	
		<i>For Heavy Duty IWRC Rating, Add</i>	1.52	
		<i>For 7x19 Galvanized, Add</i>	3.35	
05 15 16 00-0042	LF	1-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	11.61	1.22
		<i>For <100, Add</i>	3.25	
		<i>For >500 To 1,000, Deduct</i>	-0.58	
		<i>For >1,000 To 2,000, Deduct</i>	-0.87	
		<i>For >2,000, Deduct</i>	-1.16	
		<i>For 7x19 Strand Core, Add</i>	1.51	
		<i>For Heavy Duty IWRC Rating, Add</i>	1.88	
		<i>For 7x19 Galvanized, Add</i>	4.14	
05 15 16 00-0043	LF	1-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	13.85	1.48
		<i>For <100, Add</i>	3.85	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000 To 2,000, Deduct</i>	-1.04	
		<i>For >2,000, Deduct</i>	-1.39	
		<i>For 7x19 Strand Core, Add</i>	1.77	
		<i>For Heavy Duty IWRC Rating, Add</i>	2.22	
		<i>For 7x19 Galvanized, Add</i>	4.88	
05 15 16 00-0044	LF	1-3/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	16.80	1.83
		<i>For <100, Add</i>	4.66	
		<i>For >500 To 1,000, Deduct</i>	-0.84	
		<i>For >1,000 To 2,000, Deduct</i>	-1.26	
		<i>For >2,000, Deduct</i>	-1.68	
		<i>For 7x19 Strand Core, Add</i>	2.14	
		<i>For Heavy Duty IWRC Rating, Add</i>	2.67	
		<i>For 7x19 Galvanized, Add</i>	5.88	
05 15 16 00-0045	LF	1-1/2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	19.93	2.17
		<i>For <100, Add</i>	5.52	
		<i>For >500 To 1,000, Deduct</i>	-1.00	
		<i>For >1,000 To 2,000, Deduct</i>	-1.49	
		<i>For >2,000, Deduct</i>	-1.99	
		<i>For 7x19 Strand Core, Add</i>	2.53	
		<i>For Heavy Duty IWRC Rating, Add</i>	3.17	
		<i>For 7x19 Galvanized, Add</i>	6.97	
05 15 16 00-0046	LF	1-5/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	23.71	2.53
		<i>For <100, Add</i>	6.60	
		<i>For >500 To 1,000, Deduct</i>	-1.19	
		<i>For >1,000 To 2,000, Deduct</i>	-1.78	
		<i>For >2,000, Deduct</i>	-2.37	
		<i>For 7x19 Strand Core, Add</i>	3.04	
		<i>For Heavy Duty IWRC Rating, Add</i>	3.81	
		<i>For 7x19 Galvanized, Add</i>	8.37	
05 15 16 00-0047	LF	1-3/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	31.62	4.17
		<i>For <100, Add</i>	8.32	
		<i>For >500 To 1,000, Deduct</i>	-1.58	
		<i>For >1,000 To 2,000, Deduct</i>	-2.37	
		<i>For >2,000, Deduct</i>	-3.16	
		<i>For 7x19 Strand Core, Add</i>	3.57	
		<i>For Heavy Duty IWRC Rating, Add</i>	4.47	
		<i>For 7x19 Galvanized, Add</i>	9.83	
05 15 16 00-0048	LF	1-7/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC	36.33	4.72
		<i>For <100, Add</i>	9.56	
		<i>For >500 To 1,000, Deduct</i>	-1.82	
		<i>For >1,000 To 2,000, Deduct</i>	-2.72	
		<i>For >2,000, Deduct</i>	-3.63	
		<i>For 7x19 Strand Core, Add</i>	4.11	
		<i>For Heavy Duty IWRC Rating, Add</i>	5.14	
		<i>For 7x19 Galvanized, Add</i>	11.30	

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

05 15 16 00-0049	LF			2" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	41.72	5.44
				For <100, Add	10.97	
				For >500 To 1,000, Deduct	-2.09	
				For >1,000 To 2,000, Deduct	-3.13	
				For >2,000, Deduct	-4.17	
				For 7x19 Strand Core, Add	4.72	
				For Heavy Duty IWRC Rating, Add	5.90	
				For 7x19 Galvanized, Add	12.97	
05 15 16 00-0050	LF			2-1/8" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	46.99	6.08
				For <100, Add	12.41	
				For >500 To 1,000, Deduct	-2.35	
				For >1,000 To 2,000, Deduct	-3.52	
				For >2,000, Deduct	-4.70	
				For 7x19 Strand Core, Add	5.37	
				For Heavy Duty IWRC Rating, Add	6.71	
				For 7x19 Galvanized, Add	14.76	
05 15 16 00-0051	LF			2-1/4" Diameter 6x19 Class Bright Wire Rope IPS, IWRC.....	53.28	6.81
				For <100, Add	14.11	
				For >500 To 1,000, Deduct	-2.66	
				For >1,000 To 2,000, Deduct	-4.00	
				For >2,000, Deduct	-5.33	
				For 7x19 Strand Core, Add	6.12	
				For Heavy Duty IWRC Rating, Add	7.65	
				For 7x19 Galvanized, Add	16.83	

05 15 16 00-0052 6x37 Class Bright, IPS, IWRC (05 15 16)

05 15 16 00-0053	LF			1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	1.86	0.09
				For <100, Add	0.61	
				For >500 To 1,000, Deduct	-0.09	
				For >1,000 To 2,000, Deduct	-0.14	
				For >2,000, Deduct	-0.19	
				For XIPS Wire, Add	0.05	
05 15 16 00-0054	LF			5/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.22	0.09
				For <100, Add	0.72	
				For >500 To 1,000, Deduct	-0.11	
				For >1,000 To 2,000, Deduct	-0.17	
				For >2,000, Deduct	-0.22	
				For XIPS Wire, Add	0.05	
05 15 16 00-0055	LF			3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	2.68	0.17
				For <100, Add	0.85	
				For >500 To 1,000, Deduct	-0.13	
				For >1,000 To 2,000, Deduct	-0.20	
				For >2,000, Deduct	-0.27	
				For XIPS Wire, Add	0.06	
05 15 16 00-0056	LF			7/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.10	0.17
				For <100, Add	0.96	
				For >500 To 1,000, Deduct	-0.16	
				For >1,000 To 2,000, Deduct	-0.23	
				For >2,000, Deduct	-0.31	
				For XIPS Wire, Add	0.07	
05 15 16 00-0057	LF			1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	3.62	0.26
				For <100, Add	1.11	
				For >500 To 1,000, Deduct	-0.18	
				For >1,000 To 2,000, Deduct	-0.27	
				For >2,000, Deduct	-0.36	
				For XIPS Wire, Add	0.09	
05 15 16 00-0058	LF			9/16" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	4.19	0.35
				For <100, Add	1.26	
				For >500 To 1,000, Deduct	-0.21	
				For >1,000 To 2,000, Deduct	-0.31	
				For >2,000, Deduct	-0.42	
				For XIPS Wire, Add	0.10	
05 15 16 00-0059	LF			5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	4.78	0.35
				For <100, Add	1.42	
				For >500 To 1,000, Deduct	-0.24	
				For >1,000 To 2,000, Deduct	-0.36	
				For >2,000, Deduct	-0.48	
				For XIPS Wire, Add	0.11	
05 15 16 00-0060	LF			3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	6.39	0.61
				For <100, Add	1.87	
				For >500 To 1,000, Deduct	-0.32	
				For >1,000 To 2,000, Deduct	-0.48	
				For >2,000, Deduct	-0.64	
				For XIPS Wire, Add	0.15	
05 15 16 00-0061	LF			7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	8.26	0.69
				For <100, Add	2.39	
				For >500 To 1,000, Deduct	-0.41	
				For >1,000 To 2,000, Deduct	-0.62	
				For >2,000, Deduct	-0.83	
				For XIPS Wire, Add	0.19	
05 15 16 00-0062	LF			1" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	10.41	0.96
				For <100, Add	3.00	
				For >500 To 1,000, Deduct	-0.52	
				For >1,000 To 2,000, Deduct	-0.78	
				For >2,000, Deduct	-1.04	
				For XIPS Wire, Add	0.24	

05 Metals
05 10 Structural Metal Framing
05 15 Wire Rope Assemblies

MINOR
 CSI UOM DESCRIPTION TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0063	LF	1-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	12.92	1.22
		For <100, Add	3.69	
		For >500 To 1,000, Deduct	-0.65	
		For >1,000 To 2,000, Deduct	-0.97	
		For >2,000, Deduct	-1.29	
		For XIPS Wire, Add	0.30	
05 15 16 00-0064	LF	1-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	15.41	1.48
		For <100, Add	4.40	
		For >500 To 1,000, Deduct	-0.77	
		For >1,000 To 2,000, Deduct	-1.16	
		For >2,000, Deduct	-1.54	
		For XIPS Wire, Add	0.36	
05 15 16 00-0065	LF	1-3/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	18.27	1.83
		For <100, Add	5.17	
		For >500 To 1,000, Deduct	-0.91	
		For >1,000 To 2,000, Deduct	-1.37	
		For >2,000, Deduct	-1.83	
		For XIPS Wire, Add	0.43	
05 15 16 00-0066	LF	1-1/2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	21.74	2.17
		For <100, Add	6.16	
		For >500 To 1,000, Deduct	-1.09	
		For >1,000 To 2,000, Deduct	-1.63	
		For >2,000, Deduct	-2.17	
		For XIPS Wire, Add	0.51	
05 15 16 00-0067	LF	1-5/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	26.10	2.62
		For <100, Add	7.39	
		For >500 To 1,000, Deduct	-1.31	
		For >1,000 To 2,000, Deduct	-1.96	
		For >2,000, Deduct	-2.61	
		For XIPS Wire, Add	0.61	
05 15 16 00-0068	LF	1-3/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	34.57	4.17
		For <100, Add	9.31	
		For >500 To 1,000, Deduct	-1.73	
		For >1,000 To 2,000, Deduct	-2.59	
		For >2,000, Deduct	-3.46	
		For XIPS Wire, Add	0.79	
05 15 16 00-0069	LF	1-7/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	39.96	4.72
		For <100, Add	10.83	
		For >500 To 1,000, Deduct	-2.00	
		For >1,000 To 2,000, Deduct	-3.00	
		For >2,000, Deduct	-4.00	
		For XIPS Wire, Add	0.92	
05 15 16 00-0070	LF	2" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	45.58	5.44
		For <100, Add	12.33	
		For >500 To 1,000, Deduct	-2.28	
		For >1,000 To 2,000, Deduct	-3.42	
		For >2,000, Deduct	-4.56	
		For XIPS Wire, Add	1.05	
05 15 16 00-0071	LF	2-1/8" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	51.39	6.08
		For <100, Add	13.95	
		For >500 To 1,000, Deduct	-2.57	
		For >1,000 To 2,000, Deduct	-3.85	
		For >2,000, Deduct	-5.14	
		For XIPS Wire, Add	1.18	
05 15 16 00-0072	LF	2-1/4" Diameter 6x37 Class Bright Wire Rope IPS, IWRC.....	58.00	6.81
		For <100, Add	15.76	
		For >500 To 1,000, Deduct	-2.90	
		For >1,000 To 2,000, Deduct	-4.35	
		For >2,000, Deduct	-5.80	
		For XIPS Wire, Add	1.34	

05 15 16 00-0073 6x19 And 6x37 Swaged Wire Rope (05 15 16)

05 15 16 00-0074	LF	1/2" Diameter 6x19 And 6x37 Swaged Wire Rope	5.10	0.35
		For <100, Add	1.56	
		For >500 To 1,000, Deduct	-0.26	
		For >1,000 To 2,000, Deduct	-0.38	
		For >2,000, Deduct	-0.51	
05 15 16 00-0075	LF	9/16" Diameter 6x19 And 6x37 Swaged Wire Rope	5.73	0.35
		For <100, Add	1.76	
		For >500 To 1,000, Deduct	-0.29	
		For >1,000 To 2,000, Deduct	-0.43	
		For >2,000, Deduct	-0.57	
05 15 16 00-0076	LF	5/8" Diameter 6x19 And 6x37 Swaged Wire Rope	7.08	0.43
		For <100, Add	2.18	
		For >500 To 1,000, Deduct	-0.35	
		For >1,000 To 2,000, Deduct	-0.53	
		For >2,000, Deduct	-0.71	
05 15 16 00-0077	LF	3/4" Diameter 6x19 And 6x37 Swaged Wire Rope	8.74	0.69
		For <100, Add	2.63	
		For >500 To 1,000, Deduct	-0.44	
		For >1,000 To 2,000, Deduct	-0.66	
		For >2,000, Deduct	-0.87	
05 15 16 00-0078	LF	7/8" Diameter 6x19 And 6x37 Swaged Wire Rope	10.88	0.88
		For <100, Add	3.23	
		For >500 To 1,000, Deduct	-0.54	
		For >1,000 To 2,000, Deduct	-0.82	
		For >2,000, Deduct	-1.09	

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

05 15 16 00-0079	LF			1" Diameter 6x19 And 6x37 Swaged Wire Rope	13.47	1.14
				For <100, Add	3.94	
				For >500 To 1,000, Deduct	-0.67	
				For >1,000 To 2,000, Deduct	-1.01	
				For >2,000, Deduct	-1.35	
05 15 16 00-0080	LF			1-1/8" Diameter 6x19 And 6x37 Swaged Wire Rope	16.94	1.48
				For <100, Add	4.95	
				For >500 To 1,000, Deduct	-0.85	
				For >1,000 To 2,000, Deduct	-1.27	
				For >2,000, Deduct	-1.69	
05 15 16 00-0081	LF			1-1/4" Diameter 6x19 And 6x37 Swaged Wire Rope	20.25	1.83
				For <100, Add	5.88	
				For >500 To 1,000, Deduct	-1.01	
				For >1,000 To 2,000, Deduct	-1.52	
				For >2,000, Deduct	-2.03	
05 15 16 00-0082	LF			1-3/8" Diameter 6x19 And 6x37 Swaged Wire Rope	23.78	2.17
				For <100, Add	6.86	
				For >500 To 1,000, Deduct	-1.19	
				For >1,000 To 2,000, Deduct	-1.78	
				For >2,000, Deduct	-2.38	
05 15 16 00-0083	LF			1-1/2" Diameter 6x19 And 6x37 Swaged Wire Rope	31.93	3.63
				For <100, Add	8.76	
				For >500 To 1,000, Deduct	-1.60	
				For >1,000 To 2,000, Deduct	-2.39	
				For >2,000, Deduct	-3.19	

05 15 16 00-0084 Flattened Strand Wire Rope, IPS, Fiber Core (05 15 16)

05 15 16 00-0085	LF			5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	6.55	0.35
				For <100, Add	2.05	
				For >500 To 1,000, Deduct	-0.33	
				For >1,000 To 2,000, Deduct	-0.49	
				For >2,000, Deduct	-0.66	
05 15 16 00-0086	LF			3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	8.87	0.52
				For <100, Add	2.75	
				For >500 To 1,000, Deduct	-0.44	
				For >1,000 To 2,000, Deduct	-0.67	
				For >2,000, Deduct	-0.89	
05 15 16 00-0087	LF			7/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	11.23	0.69
				For <100, Add	3.45	
				For >500 To 1,000, Deduct	-0.56	
				For >1,000 To 2,000, Deduct	-0.84	
				For >2,000, Deduct	-1.12	
05 15 16 00-0088	LF			1" Diameter Flattened Strand Wire Rope IPS, Fiber Core	13.76	0.96
				For <100, Add	4.19	
				For >500 To 1,000, Deduct	-0.69	
				For >1,000 To 2,000, Deduct	-1.03	
				For >2,000, Deduct	-1.38	
05 15 16 00-0089	LF			1-1/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	16.68	1.22
				For <100, Add	5.04	
				For >500 To 1,000, Deduct	-0.83	
				For >1,000 To 2,000, Deduct	-1.25	
				For >2,000, Deduct	-1.67	
05 15 16 00-0090	LF			1-1/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	20.19	1.48
				For <100, Add	6.08	
				For >500 To 1,000, Deduct	-1.01	
				For >1,000 To 2,000, Deduct	-1.51	
				For >2,000, Deduct	-2.02	
05 15 16 00-0091	LF			1-3/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	24.35	1.74
				For <100, Add	7.34	
				For >500 To 1,000, Deduct	-1.22	
				For >1,000 To 2,000, Deduct	-1.83	
				For >2,000, Deduct	-2.44	
05 15 16 00-0092	LF			1-1/2" Diameter Flattened Strand Wire Rope IPS, Fiber Core	29.84	2.17
				For <100, Add	9.02	
				For >500 To 1,000, Deduct	-1.49	
				For >1,000 To 2,000, Deduct	-2.24	
				For >2,000, Deduct	-2.98	
05 15 16 00-0093	LF			1-5/8" Diameter Flattened Strand Wire Rope IPS, Fiber Core	35.60	2.53
				For <100, Add	10.80	
				For >500 To 1,000, Deduct	-1.78	
				For >1,000 To 2,000, Deduct	-2.67	
				For >2,000, Deduct	-3.56	
05 15 16 00-0094	LF			1-3/4" Diameter Flattened Strand Wire Rope IPS, Fiber Core	45.52	3.99
				For <100, Add	13.29	
				For >500 To 1,000, Deduct	-2.28	
				For >1,000 To 2,000, Deduct	-3.41	
				For >2,000, Deduct	-4.55	

05 15 16 00-0095 Flattened Strand Wire Rope, XIP, IWRC (05 15 16)

05 15 16 00-0096	LF			5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	6.62	0.35
				For <100, Add	2.06	
				For >500 To 1,000, Deduct	-0.33	
				For >1,000 To 2,000, Deduct	-0.50	
				For >2,000, Deduct	-0.66	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0097	LF	3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	8.95	0.61
		<i>For <100, Add</i>	2.76	
		<i>For >500 To 1,000, Deduct</i>	-0.45	
		<i>For >1,000 To 2,000, Deduct</i>	-0.67	
		<i>For >2,000, Deduct</i>	-0.90	
05 15 16 00-0098	LF	7/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	11.36	0.78
		<i>For <100, Add</i>	3.47	
		<i>For >500 To 1,000, Deduct</i>	-0.57	
		<i>For >1,000 To 2,000, Deduct</i>	-0.85	
		<i>For >2,000, Deduct</i>	-1.14	
05 15 16 00-0099	LF	1" Diameter Flattened Strand Wire Rope XIPS, IWRC	13.91	0.96
		<i>For <100, Add</i>	4.21	
		<i>For >500 To 1,000, Deduct</i>	-0.70	
		<i>For >1,000 To 2,000, Deduct</i>	-1.04	
		<i>For >2,000, Deduct</i>	-1.39	
05 15 16 00-0100	LF	1-1/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	16.84	1.22
		<i>For <100, Add</i>	5.06	
		<i>For >500 To 1,000, Deduct</i>	-0.84	
		<i>For >1,000 To 2,000, Deduct</i>	-1.26	
		<i>For >2,000, Deduct</i>	-1.68	
05 15 16 00-0101	LF	1-1/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	20.43	1.57
		<i>For <100, Add</i>	6.12	
		<i>For >500 To 1,000, Deduct</i>	-1.02	
		<i>For >1,000 To 2,000, Deduct</i>	-1.53	
		<i>For >2,000, Deduct</i>	-2.04	
05 15 16 00-0102	LF	1-3/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	24.66	1.91
		<i>For <100, Add</i>	7.39	
		<i>For >500 To 1,000, Deduct</i>	-1.23	
		<i>For >1,000 To 2,000, Deduct</i>	-1.85	
		<i>For >2,000, Deduct</i>	-2.47	
05 15 16 00-0103	LF	1-1/2" Diameter Flattened Strand Wire Rope XIPS, IWRC	30.14	2.26
		<i>For <100, Add</i>	9.07	
		<i>For >500 To 1,000, Deduct</i>	-1.51	
		<i>For >1,000 To 2,000, Deduct</i>	-2.26	
		<i>For >2,000, Deduct</i>	-3.01	
05 15 16 00-0104	LF	1-5/8" Diameter Flattened Strand Wire Rope XIPS, IWRC	39.40	3.63
		<i>For <100, Add</i>	11.37	
		<i>For >500 To 1,000, Deduct</i>	-1.97	
		<i>For >1,000 To 2,000, Deduct</i>	-2.96	
		<i>For >2,000, Deduct</i>	-3.94	
05 15 16 00-0105	LF	1-3/4" Diameter Flattened Strand Wire Rope XIPS, IWRC	46.84	4.36
		<i>For <100, Add</i>	13.49	
		<i>For >500 To 1,000, Deduct</i>	-2.34	
		<i>For >1,000 To 2,000, Deduct</i>	-3.51	
		<i>For >2,000, Deduct</i>	-4.68	
05 15 16 00-0106		5x19 Coated Wire Rope, Bright, IPS, Fiber Core <small>(05 15 16)</small>		
05 15 16 00-0107	LF	9/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	4.79	0.09
		<i>For <100, Add</i>	1.60	
		<i>For >500 To 1,000, Deduct</i>	-0.24	
		<i>For >1,000 To 2,000, Deduct</i>	-0.36	
		<i>For >2,000, Deduct</i>	-0.48	
05 15 16 00-0108	LF	5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	5.39	0.17
		<i>For <100, Add</i>	1.79	
		<i>For >500 To 1,000, Deduct</i>	-0.27	
		<i>For >1,000 To 2,000, Deduct</i>	-0.40	
		<i>For >2,000, Deduct</i>	-0.54	
05 15 16 00-0109	LF	11/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	5.86	0.17
		<i>For <100, Add</i>	1.93	
		<i>For >500 To 1,000, Deduct</i>	-0.29	
		<i>For >1,000 To 2,000, Deduct</i>	-0.44	
		<i>For >2,000, Deduct</i>	-0.59	
05 15 16 00-0110	LF	3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	6.50	0.17
		<i>For <100, Add</i>	2.13	
		<i>For >500 To 1,000, Deduct</i>	-0.33	
		<i>For >1,000 To 2,000, Deduct</i>	-0.49	
		<i>For >2,000, Deduct</i>	-0.65	
05 15 16 00-0111	LF	13/16" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	7.19	0.26
		<i>For <100, Add</i>	2.34	
		<i>For >500 To 1,000, Deduct</i>	-0.36	
		<i>For >1,000 To 2,000, Deduct</i>	-0.54	
		<i>For >2,000, Deduct</i>	-0.72	
05 15 16 00-0112	LF	7/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	7.82	0.35
		<i>For <100, Add</i>	2.52	
		<i>For >500 To 1,000, Deduct</i>	-0.39	
		<i>For >1,000 To 2,000, Deduct</i>	-0.59	
		<i>For >2,000, Deduct</i>	-0.78	
05 15 16 00-0113	LF	1" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	9.49	0.43
		<i>For <100, Add</i>	3.03	
		<i>For >500 To 1,000, Deduct</i>	-0.47	
		<i>For >1,000 To 2,000, Deduct</i>	-0.71	
		<i>For >2,000, Deduct</i>	-0.95	
05 15 16 00-0114	LF	1-1/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	11.66	0.61
		<i>For <100, Add</i>	3.70	
		<i>For >500 To 1,000, Deduct</i>	-0.58	
		<i>For >1,000 To 2,000, Deduct</i>	-0.87	
		<i>For >2,000, Deduct</i>	-1.17	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0115	LF	1-1/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	13.74	0.69
		For <100, Add	4.35	
		For >500 To 1,000, Deduct	-0.69	
		For >1,000 To 2,000, Deduct	-1.03	
		For >2,000, Deduct	-1.37	
05 15 16 00-0116	LF	1-3/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	16.44	0.88
		For <100, Add	5.16	
		For >500 To 1,000, Deduct	-0.82	
		For >1,000 To 2,000, Deduct	-1.23	
		For >2,000, Deduct	-1.64	
05 15 16 00-0117	LF	1-1/2" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	19.29	1.14
		For <100, Add	6.02	
		For >500 To 1,000, Deduct	-0.96	
		For >1,000 To 2,000, Deduct	-1.45	
		For >2,000, Deduct	-1.93	
05 15 16 00-0118	LF	1-5/8" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	22.72	1.39
		For <100, Add	7.05	
		For >500 To 1,000, Deduct	-1.14	
		For >1,000 To 2,000, Deduct	-1.70	
		For >2,000, Deduct	-2.27	
05 15 16 00-0119	LF	1-3/4" Diameter 5x19 Bright, Coated Wire Rope IPS, Fiber Core With 1/4" Wire	27.14	1.65
		For <100, Add	8.41	
		For >500 To 1,000, Deduct	-1.36	
		For >1,000 To 2,000, Deduct	-2.04	
		For >2,000, Deduct	-2.71	
05 15 16 00-0120		19x7 Rotation Resistant Wire Rope, IPS <small>(05 15 16)</small>		
05 15 16 00-0121	LF	3/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	1.46	0.09
		For <100, Add	0.47	
		For >500 To 1,000, Deduct	-0.07	
		For >1,000 To 2,000, Deduct	-0.11	
		For >2,000, Deduct	-0.15	
05 15 16 00-0122	LF	1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS	1.72	0.09
		For <100, Add	0.56	
		For >500 To 1,000, Deduct	-0.09	
		For >1,000 To 2,000, Deduct	-0.13	
		For >2,000, Deduct	-0.17	
05 15 16 00-0123	LF	5/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.16	0.09
		For <100, Add	0.69	
		For >500 To 1,000, Deduct	-0.11	
		For >1,000 To 2,000, Deduct	-0.16	
		For >2,000, Deduct	-0.22	
05 15 16 00-0124	LF	3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.41	0.17
		For <100, Add	0.76	
		For >500 To 1,000, Deduct	-0.12	
		For >1,000 To 2,000, Deduct	-0.18	
		For >2,000, Deduct	-0.24	
05 15 16 00-0125	LF	7/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	2.84	0.17
		For <100, Add	0.87	
		For >500 To 1,000, Deduct	-0.14	
		For >1,000 To 2,000, Deduct	-0.21	
		For >2,000, Deduct	-0.28	
05 15 16 00-0126	LF	1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS	3.07	0.17
		For <100, Add	0.95	
		For >500 To 1,000, Deduct	-0.15	
		For >1,000 To 2,000, Deduct	-0.23	
		For >2,000, Deduct	-0.31	
05 15 16 00-0127	LF	9/16" Diameter 19x7 Rotation Resistant Wire Rope IPS	3.76	0.35
		For <100, Add	1.11	
		For >500 To 1,000, Deduct	-0.19	
		For >1,000 To 2,000, Deduct	-0.28	
		For >2,000, Deduct	-0.38	
05 15 16 00-0128	LF	5/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	4.47	0.35
		For <100, Add	1.31	
		For >500 To 1,000, Deduct	-0.22	
		For >1,000 To 2,000, Deduct	-0.34	
		For >2,000, Deduct	-0.45	
05 15 16 00-0129	LF	3/4" Diameter 19x7 Rotation Resistant Wire Rope IPS	6.50	0.52
		For <100, Add	1.92	
		For >500 To 1,000, Deduct	-0.33	
		For >1,000 To 2,000, Deduct	-0.49	
		For >2,000, Deduct	-0.65	
05 15 16 00-0130	LF	7/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	8.45	0.69
		For <100, Add	2.47	
		For >500 To 1,000, Deduct	-0.42	
		For >1,000 To 2,000, Deduct	-0.63	
		For >2,000, Deduct	-0.85	
05 15 16 00-0131	LF	1" Diameter 19x7 Rotation Resistant Wire Rope IPS	10.57	0.96
		For <100, Add	3.07	
		For >500 To 1,000, Deduct	-0.53	
		For >1,000 To 2,000, Deduct	-0.79	
		For >2,000, Deduct	-1.06	
05 15 16 00-0132	LF	1-1/8" Diameter 19x7 Rotation Resistant Wire Rope IPS	12.96	1.22
		For <100, Add	3.72	
		For >500 To 1,000, Deduct	-0.65	
		For >1,000 To 2,000, Deduct	-0.97	
		For >2,000, Deduct	-1.30	

05 Metals

05 10 Structural Metal Framing

05 15 Wire Rope Assemblies

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 15 16 00-0133	LF 1-1/4" Diameter 19x7 Rotation Resistant Wire Rope IPS For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	15.64 4.48 -0.78 -1.17 -1.56	1.48
05 15 16 00-0134	LF 1-3/8" Diameter 19x7 Rotation Resistant Wire Rope IPS For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	18.55 5.29 -0.93 -1.39 -1.86	1.83
05 15 16 00-0135	LF 1-1/2" Diameter 19x7 Rotation Resistant Wire Rope IPS For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	21.54 6.12 -1.08 -1.62 -2.15	2.17
05 15 16 00-0136	8x19 Class Bright, Rotation Resistant, XIPS, IWRC (05 15 16)		
05 15 16 00-0137	LF 3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	2.56 0.81 -0.13 -0.19 -0.26	0.17
05 15 16 00-0138	LF 7/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	3.01 0.93 -0.15 -0.23 -0.30	0.17
05 15 16 00-0139	LF 1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	3.47 1.05 -0.17 -0.26 -0.35	0.26
05 15 16 00-0140	LF 9/16" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	4.08 1.22 -0.20 -0.31 -0.41	0.35
05 15 16 00-0141	LF 5/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	4.75 1.41 -0.24 -0.36 -0.48	0.35
05 15 16 00-0142	LF 3/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	6.73 1.99 -0.34 -0.50 -0.67	0.61
05 15 16 00-0143	LF 7/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	8.89 2.61 -0.44 -0.67 -0.89	0.69
05 15 16 00-0144	LF 1" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	11.17 3.25 -0.56 -0.84 -1.12	0.96
05 15 16 00-0145	LF 1-1/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	13.63 3.94 -0.68 -1.02 -1.36	1.22
05 15 16 00-0146	LF 1-1/4" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	16.29 4.68 -0.81 -1.22 -1.63	1.48
05 15 16 00-0147	LF 1-3/8" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	19.68 5.64 -0.98 -1.48 -1.97	1.91
05 15 16 00-0148	LF 1-1/2" Diameter 8x19 Rotation Resistant Wire Rope XIPS, IWRC, Class Bright For <100, Add For >500 To 1,000, Deduct For >1,000 To 2,000, Deduct For >2,000, Deduct	23.53 6.72 -1.18 -1.76 -2.35	2.26
05 15 16 00-0149	Heavy Duty Galvanized Wire Rope Thimbles (05 15 16)		
05 15 16 00-0150	EA 1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	9.54	2.62
05 15 16 00-0151	EA 5/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	10.08	2.62
05 15 16 00-0152	EA 3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	10.69	2.62
05 15 16 00-0153	EA 7/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.19	2.62
05 15 16 00-0154	EA 1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.28	2.62
05 15 16 00-0155	EA 9/16" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.28	2.62
05 15 16 00-0156	EA 5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	12.79	2.62
05 15 16 00-0157	EA 3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	21.86	4.01
05 15 16 00-0158	EA 7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	26.13	4.88

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0159	EA		1" Diameter Heavy Duty Galvanized Wire Rope Thimbles	44.86	8.01
05 15 16 00-0160	EA		1-1/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	63.15	10.89
05 15 16 00-0161	EA		1-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	65.48	10.89
05 15 16 00-0162	EA		1-3/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	131.38	22.74
05 15 16 00-0163	EA		1-1/2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	188.26	32.67
05 15 16 00-0164	EA		1-5/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	280.90	36.58
05 15 16 00-0165	EA		1-3/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	331.53	43.55
05 15 16 00-0166	EA		1-7/8" Diameter Heavy Duty Galvanized Wire Rope Thimbles	434.71	54.87
05 15 16 00-0167	EA		2" Diameter Heavy Duty Galvanized Wire Rope Thimbles	453.60	54.87
05 15 16 00-0168	EA		2-1/4" Diameter Heavy Duty Galvanized Wire Rope Thimbles	653.68	87.11
05 15 16 00-0169 Galvanized Wire Rope Clips (05 15 16)					
05 15 16 00-0170	EA		1/8" Diameter Galvanized Wire Rope Clips	11.29	2.62
05 15 16 00-0171	EA		3/16" Diameter Galvanized Wire Rope Clips	11.49	2.62
05 15 16 00-0172	EA		1/4" Diameter Galvanized Wire Rope Clips	12.63	2.62
05 15 16 00-0173	EA		5/16" Diameter Galvanized Wire Rope Clips	12.76	2.62
05 15 16 00-0174	EA		3/8" Diameter Galvanized Wire Rope Clips	13.05	2.62
05 15 16 00-0175	EA		7/16" Diameter Galvanized Wire Rope Clips	15.60	2.62
05 15 16 00-0176	EA		1/2" Diameter Galvanized Wire Rope Clips	15.60	2.62
05 15 16 00-0177	EA		9/16" Diameter Galvanized Wire Rope Clips	17.75	2.62
05 15 16 00-0178	EA		5/8" Diameter Galvanized Wire Rope Clips	17.75	2.62
05 15 16 00-0179	EA		3/4" Diameter Galvanized Wire Rope Clips	24.80	3.48
05 15 16 00-0180	EA		7/8" Diameter Galvanized Wire Rope Clips	37.55	5.22
05 15 16 00-0181	EA		1" Diameter Galvanized Wire Rope Clips	40.57	5.22
05 15 16 00-0182	EA		1-1/8" Diameter Galvanized Wire Rope Clips	48.65	6.96
05 15 16 00-0183	EA		1-1/4" Diameter Galvanized Wire Rope Clips	71.33	10.46
05 15 16 00-0184	EA		1-3/8" Diameter Galvanized Wire Rope Clips	86.17	11.32
05 15 16 00-0185	EA		1-1/2" Diameter Galvanized Wire Rope Clips	94.36	13.06
05 15 16 00-0186	EA		1-5/8" Diameter Galvanized Wire Rope Clips	138.03	16.55
05 15 16 00-0187	EA		1-3/4" Diameter Galvanized Wire Rope Clips	183.84	21.78
05 15 16 00-0188	EA		2" Diameter Galvanized Wire Rope Clips	224.26	28.74
05 15 16 00-0189	EA		2-1/4" Diameter Galvanized Wire Rope Clips	299.92	36.58
05 15 16 00-0190	EA		2-1/2" Diameter Galvanized Wire Rope Clips	333.56	40.07
05 15 16 00-0191	EA		2-3/4" Diameter Galvanized Wire Rope Clips	474.43	48.78
05 15 16 00-0192	EA		3" Diameter Galvanized Wire Rope Clips	636.47	72.29
05 15 16 00-0193 Open Swage Sockets (05 15 16)					
05 15 16 00-0194	EA		1/4" Diameter Open Swage Sockets	50.76	2.62
05 15 16 00-0195	EA		5/16" Diameter Open Swage Sockets	62.15	2.62
05 15 16 00-0196	EA		3/8" Diameter Open Swage Sockets	65.61	3.48
05 15 16 00-0197	EA		7/16" Diameter Open Swage Sockets	79.28	4.36
05 15 16 00-0198	EA		1/2" Diameter Open Swage Sockets	79.28	4.36
05 15 16 00-0199	EA		9/16" Diameter Open Swage Sockets	122.61	9.58
05 15 16 00-0200	EA		5/8" Diameter Open Swage Sockets	122.61	9.58
05 15 16 00-0201	EA		3/4" Diameter Open Swage Sockets	167.43	18.30
05 15 16 00-0202	EA		7/8" Diameter Open Swage Sockets	227.63	26.13
05 15 16 00-0203	EA		1" Diameter Open Swage Sockets	326.73	40.07
05 15 16 00-0204	EA		1-1/8" Diameter Open Swage Sockets	450.35	62.71
05 15 16 00-0205	EA		1-1/4" Diameter Open Swage Sockets	525.16	72.29
05 15 16 00-0206	EA		1-3/8" Diameter Open Swage Sockets	703.43	95.81
05 15 16 00-0207	EA		1-1/2" Diameter Open Swage Sockets	1,011.98	121.95
05 15 16 00-0208	EA		1-3/4" Diameter Open Swage Sockets	1,494.12	148.08
05 15 16 00-0209	EA		2" Diameter Open Swage Sockets	2,542.12	287.45
05 15 16 00-0210 Closed Swage Sockets (05 15 16)					
05 15 16 00-0211	EA		1/4" Diameter Closed Swage Sockets	33.24	2.62
05 15 16 00-0212	EA		5/16" Diameter Closed Swage Sockets	43.52	2.62
05 15 16 00-0213	EA		3/8" Diameter Closed Swage Sockets	51.27	2.62
05 15 16 00-0214	EA		7/16" Diameter Closed Swage Sockets	55.00	3.48
05 15 16 00-0215	EA		1/2" Diameter Closed Swage Sockets	60.66	3.48
05 15 16 00-0216	EA		9/16" Diameter Closed Swage Sockets	79.77	6.10
05 15 16 00-0217	EA		5/8" Diameter Closed Swage Sockets	83.92	6.96
05 15 16 00-0218	EA		3/4" Diameter Closed Swage Sockets	107.77	11.32
05 15 16 00-0219	EA		7/8" Diameter Closed Swage Sockets	143.42	16.55
05 15 16 00-0220	EA		1" Diameter Closed Swage Sockets	205.14	22.64
05 15 16 00-0221	EA		1-1/8" Diameter Closed Swage Sockets	259.24	31.36
05 15 16 00-0222	EA		1-1/4" Diameter Closed Swage Sockets	363.33	48.78
05 15 16 00-0223	EA		1-3/8" Diameter Closed Swage Sockets	475.93	62.71
05 15 16 00-0224	EA		1-1/2" Diameter Closed Swage Sockets	656.27	87.11
05 15 16 00-0225	EA		1-3/4" Diameter Closed Swage Sockets	889.90	113.23
05 15 16 00-0226	EA		2" Diameter Closed Swage Sockets	1,582.08	174.21
05 15 16 00-0227 Open Spelter Sockets Galvanized (05 15 16)					
05 15 16 00-0228	EA		1/4" Open Spelter Sockets, Galvanized	48.09	2.62
05 15 16 00-0229	EA		5/16" Open Spelter Sockets, Galvanized	50.95	2.62
05 15 16 00-0230	EA		3/8" Open Spelter Sockets, Galvanized	55.31	2.62
05 15 16 00-0231	EA		7/16" Open Spelter Sockets, Galvanized	61.55	5.22
05 15 16 00-0232	EA		1/2" Open Spelter Sockets, Galvanized	66.15	5.22
05 15 16 00-0233	EA		9/16" Open Spelter Sockets, Galvanized	86.29	8.71
05 15 16 00-0234	EA		5/8" Open Spelter Sockets, Galvanized	91.93	8.71
05 15 16 00-0235	EA		3/4" Open Spelter Sockets, Galvanized	115.11	13.06

05 Metals
05 10 Structural Metal Framing
05 15 Wire Rope Assemblies

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 15 16 00-0236	EA	7/8" Open Spelter Sockets, Galvanized	177.23	21.78
05 15 16 00-0237	EA	1" Open Spelter Sockets, Galvanized	305.76	33.97
05 15 16 00-0238	EA	1-1/8" Open Spelter Sockets, Galvanized	398.84	54.87
05 15 16 00-0239	EA	1-1/4" Open Spelter Sockets, Galvanized	535.69	72.29
05 15 16 00-0240	EA	1-3/8" Open Spelter Sockets, Galvanized	562.76	72.29
05 15 16 00-0241	EA	1-1/2" Open Spelter Sockets, Galvanized	908.91	95.81
05 15 16 00-0242	EA	1-5/8" Open Spelter Sockets, Galvanized	1,084.95	121.95
05 15 16 00-0243	EA	1-3/4" Open Spelter Sockets, Galvanized	1,642.35	191.62
05 15 16 00-0244	EA	1-7/8" Open Spelter Sockets, Galvanized	1,739.51	191.62
05 15 16 00-0245	EA	2" Open Spelter Sockets, Galvanized	2,183.70	287.45
05 15 16 00-0246	EA	2-1/8" Open Spelter Sockets, Galvanized	2,295.49	287.45
05 15 16 00-0247	EA	2-1/2" Open Spelter Sockets, Galvanized	2,835.54	365.84
05 15 16 00-0248	EA	2-3/8" Open Spelter Sockets, Galvanized	2,987.86	365.84

05 15 16 00-0249 Closed Spelter Sockets Galvanized (05 15 16)

05 15 16 00-0250	EA	1/4" Closed Spelter Sockets, Galvanized	41.14	2.62
05 15 16 00-0251	EA	5/16" Closed Spelter Sockets, Galvanized	41.59	2.62
05 15 16 00-0252	EA	3/8" Closed Spelter Sockets, Galvanized	45.17	2.62
05 15 16 00-0253	EA	7/16" Closed Spelter Sockets, Galvanized	50.31	4.36
05 15 16 00-0254	EA	1/2" Closed Spelter Sockets, Galvanized	54.09	4.36
05 15 16 00-0255	EA	9/16" Closed Spelter Sockets, Galvanized	75.59	7.84
05 15 16 00-0256	EA	5/8" Closed Spelter Sockets, Galvanized	80.63	7.84
05 15 16 00-0257	EA	3/4" Closed Spelter Sockets, Galvanized	98.27	11.32
05 15 16 00-0258	EA	7/8" Closed Spelter Sockets, Galvanized	145.50	17.42
05 15 16 00-0259	EA	1" Closed Spelter Sockets, Galvanized	221.60	27.00
05 15 16 00-0260	EA	1-1/8" Closed Spelter Sockets, Galvanized	309.24	36.58
05 15 16 00-0261	EA	1-1/4" Closed Spelter Sockets, Galvanized	373.99	48.78
05 15 16 00-0262	EA	1-3/8" Closed Spelter Sockets, Galvanized	393.99	48.78
05 15 16 00-0263	EA	1-1/2" Closed Spelter Sockets, Galvanized	636.53	62.71
05 15 16 00-0264	EA	1-5/8" Closed Spelter Sockets, Galvanized	755.11	79.27
05 15 16 00-0265	EA	1-3/4" Closed Spelter Sockets, Galvanized	1,001.54	121.95
05 15 16 00-0266	EA	1-7/8" Closed Spelter Sockets, Galvanized	1,057.79	121.95
05 15 16 00-0267	EA	2" Closed Spelter Sockets, Galvanized	1,318.39	174.21
05 15 16 00-0268	EA	2-1/8" Closed Spelter Sockets, Galvanized	1,386.89	174.21
05 15 16 00-0269	EA	2-1/2" Closed Spelter Sockets, Galvanized	1,708.59	235.18
05 15 16 00-0270	EA	2-3/8" Closed Spelter Sockets, Galvanized	2,063.56	235.18

05 15 16 00-0271 Jaw And Jaw, Forged Steel Turnbuckles (05 15 16)

05 15 16 00-0272	EA	1/4" x 4", Jaw And Jaw, Forged Steel Turnbuckle	17.31	2.62
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-1.29	
05 15 16 00-0273	EA	5/16" x 4-1/2", Jaw And Jaw, Forged Steel Turnbuckle	18.84	2.62
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-1.52	
05 15 16 00-0274	EA	3/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle	24.70	2.62
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-2.40	
05 15 16 00-0275	EA	1/2" x 6", Jaw And Jaw, Forged Steel Turnbuckle	33.82	3.48
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-2.88	
05 15 16 00-0276	EA	1/2" x 9", Jaw And Jaw, Forged Steel Turnbuckle	38.59	4.36
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-3.07	
05 15 16 00-0277	EA	1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle	50.96	5.22
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-4.50	
05 15 16 00-0278	EA	5/8" x 6", Jaw And Jaw, Forged Steel Turnbuckle	59.46	6.96
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-4.90	
05 15 16 00-0279	EA	5/8" x 9", Jaw And Jaw, Forged Steel Turnbuckle	72.90	6.96
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-6.58	
05 15 16 00-0280	EA	5/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle	70.04	7.84
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-5.84	
05 15 16 00-0281	EA	3/4" x 6", Jaw And Jaw, Forged Steel Turnbuckle	76.90	9.58
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-5.97	
05 15 16 00-0282	EA	3/4" x 9", Jaw And Jaw, Forged Steel Turnbuckle	91.03	11.32
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-6.78	
05 15 16 00-0283	EA	3/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle	98.37	12.20
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-7.29	
05 15 16 00-0284	EA	3/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle	123.15	14.80
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-9.46	
05 15 16 00-0285	EA	7/8" x 12", Jaw And Jaw, Forged Steel Turnbuckle	186.44	20.90
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-15.52	
05 15 16 00-0286	EA	7/8" x 18", Jaw And Jaw, Forged Steel Turnbuckle	218.88	24.39
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-18.32	
05 15 16 00-0287	EA	1" x 6", Jaw And Jaw, Forged Steel Turnbuckle	195.28	20.90
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-16.85	
05 15 16 00-0288	EA	1" x 12", Jaw And Jaw, Forged Steel Turnbuckle	224.43	27.00
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-17.33	
05 15 16 00-0289	EA	1" x 18", Jaw And Jaw, Forged Steel Turnbuckle	278.09	33.97
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-21.61	
05 15 16 00-0290	EA	1" x 24", Jaw And Jaw, Forged Steel Turnbuckle	441.44	40.07
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-42.46	
05 15 16 00-0291	EA	1-1/4" x 12", Jaw And Jaw, Forged Steel Turnbuckle	390.54	48.78
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-29.55	
05 15 16 00-0292	EA	1-1/4" x 18", Jaw And Jaw, Forged Steel Turnbuckle	459.01	54.87
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-36.19	
05 15 16 00-0293	EA	1-1/4" x 24", Jaw And Jaw, Forged Steel Turnbuckle	590.25	62.71
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-51.21	
05 15 16 00-0294	EA	1-1/2" x 12", Jaw And Jaw, Forged Steel Turnbuckle	622.47	67.07
		<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-53.17	

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

05 15 16 00-0295	EA		1-1/2" x 18", Jaw And Jaw, Forged Steel Turnbuckle..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	724.67 -56.44	87.11
05 15 16 00-0296	EA		1-1/2" x 24", Jaw And Jaw, Forged Steel Turnbuckle..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	972.38 -60.53	113.23
05 15 16 00-0297	EA		2" x 24", Jaw And Jaw, Forged Steel Turnbuckle..... <i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	1,970.94 -164.99	217.76

05 15 16 00-0298 Drop Forged Shoulder Eye Bolts (05 15 16)

05 15 16 00-0299	EA		1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	10.06	
05 15 16 00-0300	EA		5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	10.36	
05 15 16 00-0301	EA		3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	10.50	
05 15 16 00-0302	EA		7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	13.98	
05 15 16 00-0303	EA		1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	14.13	
05 15 16 00-0304	EA		5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	17.60	
05 15 16 00-0305	EA		3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	20.50	
05 15 16 00-0306	EA		7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	26.72	
05 15 16 00-0307	EA		1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	34.13	
05 15 16 00-0308	EA		1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	50.62	
05 15 16 00-0309	EA		1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	65.06	
05 15 16 00-0310	EA		1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	107.26	
05 15 16 00-0311	EA		1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	147.24	
05 15 16 00-0312	EA		2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Drop Forged Shoulder Eye Bolt.....	197.52	

05 15 16 00-0313 Drop Forged Eye Bolts (05 15 16)

05 15 16 00-0314	EA		1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.72	
05 15 16 00-0315	EA		1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	16.14	
05 15 16 00-0316	EA		5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	13.61	
05 15 16 00-0317	EA		5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	16.74	
05 15 16 00-0318	EA		3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.98	
05 15 16 00-0319	EA		3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	15.22	
05 15 16 00-0320	EA		3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	16.47	
05 15 16 00-0321	EA		3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	17.39	
05 15 16 00-0322	EA		3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	18.01	
05 15 16 00-0323	EA		3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	18.59	
05 15 16 00-0324	EA		1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	14.19	
05 15 16 00-0325	EA		1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	17.73	
05 15 16 00-0326	EA		1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	18.16	
05 15 16 00-0327	EA		1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	19.30	
05 15 16 00-0328	EA		1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	19.79	
05 15 16 00-0329	EA		1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	20.14	
05 15 16 00-0330	EA		1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	20.68	
05 15 16 00-0331	EA		1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	21.29	
05 15 16 00-0332	EA		1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	22.08	
05 15 16 00-0333	EA		5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	22.48	
05 15 16 00-0334	EA		5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	26.83	
05 15 16 00-0335	EA		5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	27.36	
05 15 16 00-0336	EA		5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	28.24	
05 15 16 00-0337	EA		5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	32.20	
05 15 16 00-0338	EA		5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	36.01	
05 15 16 00-0339	EA		3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	26.91	
05 15 16 00-0340	EA		3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	27.45	
05 15 16 00-0341	EA		3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	30.12	
05 15 16 00-0342	EA		3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	32.32	
05 15 16 00-0343	EA		3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	37.30	
05 15 16 00-0344	EA		1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Drop Forged Eye Bolt.....	48.73	

05 15 19 Stainless-Steel Wire Rope Assemblies (05 15)

05 15 19 00-0001 7x7 Class 304 Stainless Steel (05 15 19)

05 15 19 00-0002	LF		3/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.33	0.06
			<i>For <100, Add</i>	0.09	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.02	
			<i>For >2,000, Deduct</i>	-0.03	
			<i>For 316 Stainless Steel, Add</i>	0.07	
05 15 19 00-0003	LF		1/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.38	0.06
			<i>For <100, Add</i>	0.11	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.03	
			<i>For >2,000, Deduct</i>	-0.04	
			<i>For 316 Stainless Steel, Add</i>	0.09	
05 15 19 00-0004	LF		5/64" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.46	0.07
			<i>For <100, Add</i>	0.14	
			<i>For >500 To 1,000, Deduct</i>	-0.02	
			<i>For >1,000 To 2,000, Deduct</i>	-0.03	
			<i>For >2,000, Deduct</i>	-0.05	
			<i>For 316 Stainless Steel, Add</i>	0.11	
05 15 19 00-0005	LF		3/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.55	0.07
			<i>For <100, Add</i>	0.16	
			<i>For >500 To 1,000, Deduct</i>	-0.03	
			<i>For >1,000 To 2,000, Deduct</i>	-0.04	
			<i>For >2,000, Deduct</i>	-0.06	
			<i>For 316 Stainless Steel, Add</i>	0.14	

05 Metals

05 10 Structural Metal Framing

05 15 Wire Rope Assemblies

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 15 19 00-0006	LF 1/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	0.71	0.08
	For <100, Add	0.21	
	For >500 To 1,000, Deduct	-0.04	
	For >1,000 To 2,000, Deduct	-0.05	
	For >2,000, Deduct	-0.07	
	For 316 Stainless Steel, Add	0.18	
05 15 19 00-0007	LF 5/32" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.11	0.09
	For <100, Add	0.35	
	For >500 To 1,000, Deduct	-0.06	
	For >1,000 To 2,000, Deduct	-0.08	
	For >2,000, Deduct	-0.11	
	For 316 Stainless Steel, Add	0.31	
05 15 19 00-0008	LF 3/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.26	0.09
	For <100, Add	0.40	
	For >500 To 1,000, Deduct	-0.06	
	For >1,000 To 2,000, Deduct	-0.09	
	For >2,000, Deduct	-0.13	
	For 316 Stainless Steel, Add	0.35	
05 15 19 00-0009	LF 1/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	1.72	0.09
	For <100, Add	0.56	
	For >500 To 1,000, Deduct	-0.09	
	For >1,000 To 2,000, Deduct	-0.13	
	For >2,000, Deduct	-0.17	
	For 316 Stainless Steel, Add	0.51	
05 15 19 00-0010	LF 5/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	2.16	0.09
	For <100, Add	0.70	
	For >500 To 1,000, Deduct	-0.11	
	For >1,000 To 2,000, Deduct	-0.16	
	For >2,000, Deduct	-0.22	
	For 316 Stainless Steel, Add	0.64	
05 15 19 00-0011	LF 3/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	2.70	0.09
	For <100, Add	0.87	
	For >500 To 1,000, Deduct	-0.14	
	For >1,000 To 2,000, Deduct	-0.20	
	For >2,000, Deduct	-0.27	
	For 316 Stainless Steel, Add	0.80	
05 15 19 00-0012	LF 7/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	3.30	0.17
	For <100, Add	1.06	
	For >500 To 1,000, Deduct	-0.17	
	For >1,000 To 2,000, Deduct	-0.25	
	For >2,000, Deduct	-0.33	
	For 316 Stainless Steel, Add	0.95	
05 15 19 00-0013	LF 1/2" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	3.84	0.17
	For <100, Add	1.21	
	For >500 To 1,000, Deduct	-0.19	
	For >1,000 To 2,000, Deduct	-0.29	
	For >2,000, Deduct	-0.38	
	For 316 Stainless Steel, Add	1.08	
05 15 19 00-0014	LF 9/16" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	4.61	0.26
	For <100, Add	1.45	
	For >500 To 1,000, Deduct	-0.23	
	For >1,000 To 2,000, Deduct	-0.35	
	For >2,000, Deduct	-0.46	
	For 316 Stainless Steel, Add	1.28	
05 15 19 00-0015	LF 5/8" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	5.26	0.35
	For <100, Add	1.64	
	For >500 To 1,000, Deduct	-0.26	
	For >1,000 To 2,000, Deduct	-0.39	
	For >2,000, Deduct	-0.53	
	For 316 Stainless Steel, Add	1.44	
05 15 19 00-0016	LF 3/4" Diameter 7x7 Class 304 Stainless Steel Wire Rope.....	6.99	0.43
	For <100, Add	2.15	
	For >500 To 1,000, Deduct	-0.35	
	For >1,000 To 2,000, Deduct	-0.52	
	For >2,000, Deduct	-0.70	
	For 316 Stainless Steel, Add	1.88	
05 15 19 00-0017	7x19 Class 304 Stainless Steel <small>(05 15 19)</small>		
05 15 19 00-0018	LF 1/4" Diameter 7x19 Class 304 Stainless Steel Wire Rope.....	2.80	0.09
	For <100, Add	0.94	
	For >500 To 1,000, Deduct	-0.14	
	For >1,000 To 2,000, Deduct	-0.21	
	For >2,000, Deduct	-0.28	
	For 316 Stainless Steel, Add	0.88	
05 15 19 00-0019	LF 5/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	3.24	0.09
	For <100, Add	1.07	
	For >500 To 1,000, Deduct	-0.16	
	For >1,000 To 2,000, Deduct	-0.24	
	For >2,000, Deduct	-0.32	
	For 316 Stainless Steel, Add	1.00	
05 15 19 00-0020	LF 3/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	3.83	0.17
	For <100, Add	1.25	
	For >500 To 1,000, Deduct	-0.19	
	For >1,000 To 2,000, Deduct	-0.29	
	For >2,000, Deduct	-0.38	
	For 316 Stainless Steel, Add	1.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0021 LF 7/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	4.45	0.17
For <100, Add	1.44	
For >500 To 1,000, Deduct	-0.22	
For >1,000 To 2,000, Deduct	-0.33	
For >2,000, Deduct	-0.45	
For 316 Stainless Steel, Add	1.31	
05 15 19 00-0022 LF 1/2" Diameter 7x19 Class Stainless Steel Wire Rope.....	5.10	0.26
For <100, Add	1.62	
For >500 To 1,000, Deduct	-0.26	
For >1,000 To 2,000, Deduct	-0.38	
For >2,000, Deduct	-0.51	
For 316 Stainless Steel, Add	1.46	
05 15 19 00-0023 LF 9/16" Diameter 7x19 Class Stainless Steel Wire Rope.....	5.98	0.35
For <100, Add	1.89	
For >500 To 1,000, Deduct	-0.30	
For >1,000 To 2,000, Deduct	-0.45	
For >2,000, Deduct	-0.60	
For 316 Stainless Steel, Add	1.68	
05 15 19 00-0024 LF 5/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	6.80	0.35
For <100, Add	2.13	
For >500 To 1,000, Deduct	-0.34	
For >1,000 To 2,000, Deduct	-0.51	
For >2,000, Deduct	-0.68	
For 316 Stainless Steel, Add	1.88	
05 15 19 00-0025 LF 3/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	9.57	0.61
For <100, Add	2.98	
For >500 To 1,000, Deduct	-0.48	
For >1,000 To 2,000, Deduct	-0.72	
For >2,000, Deduct	-0.96	
For 316 Stainless Steel, Add	2.63	
05 15 19 00-0026 LF 7/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	12.58	0.69
For <100, Add	3.91	
For >500 To 1,000, Deduct	-0.63	
For >1,000 To 2,000, Deduct	-0.94	
For >2,000, Deduct	-1.26	
For 316 Stainless Steel, Add	3.43	
05 15 19 00-0027 LF 1" Diameter 7x19 Class Stainless Steel Wire Rope.....	15.72	0.96
For <100, Add	4.84	
For >500 To 1,000, Deduct	-0.79	
For >1,000 To 2,000, Deduct	-1.18	
For >2,000, Deduct	-1.57	
For 316 Stainless Steel, Add	4.23	
05 15 19 00-0028 LF 1-1/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	19.43	1.22
For <100, Add	5.98	
For >500 To 1,000, Deduct	-0.97	
For >1,000 To 2,000, Deduct	-1.46	
For >2,000, Deduct	-1.94	
For 316 Stainless Steel, Add	5.22	
05 15 19 00-0029 LF 1-1/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	23.07	1.48
For <100, Add	7.08	
For >500 To 1,000, Deduct	-1.15	
For >1,000 To 2,000, Deduct	-1.73	
For >2,000, Deduct	-2.31	
For 316 Stainless Steel, Add	6.15	
05 15 19 00-0030 LF 1-3/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	27.91	1.83
For <100, Add	8.55	
For >500 To 1,000, Deduct	-1.40	
For >1,000 To 2,000, Deduct	-2.09	
For >2,000, Deduct	-2.79	
For 316 Stainless Steel, Add	7.41	
05 15 19 00-0031 LF 1-1/2" Diameter 7x19 Class Stainless Steel Wire Rope.....	33.09	2.17
For <100, Add	10.13	
For >500 To 1,000, Deduct	-1.65	
For >1,000 To 2,000, Deduct	-2.48	
For >2,000, Deduct	-3.31	
For 316 Stainless Steel, Add	8.78	
05 15 19 00-0032 LF 1-5/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	39.52	2.53
For <100, Add	12.13	
For >500 To 1,000, Deduct	-1.98	
For >1,000 To 2,000, Deduct	-2.96	
For >2,000, Deduct	-3.95	
For 316 Stainless Steel, Add	10.55	
05 15 19 00-0033 LF 1-3/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	50.18	4.17
For <100, Add	14.81	
For >500 To 1,000, Deduct	-2.51	
For >1,000 To 2,000, Deduct	-3.76	
For >2,000, Deduct	-5.02	
For 316 Stainless Steel, Add	12.39	
05 15 19 00-0034 LF 1-7/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	57.68	4.72
For <100, Add	17.03	
For >500 To 1,000, Deduct	-2.88	
For >1,000 To 2,000, Deduct	-4.33	
For >2,000, Deduct	-5.77	
For 316 Stainless Steel, Add	14.25	
05 15 19 00-0035 LF 2" Diameter 7x19 Class Stainless Steel Wire Rope.....	66.22	5.44
For <100, Add	19.55	
For >500 To 1,000, Deduct	-3.31	
For >1,000 To 2,000, Deduct	-4.97	
For >2,000, Deduct	-6.62	
For 316 Stainless Steel, Add	16.35	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 15 19 00-0036	LF	2-1/8" Diameter 7x19 Class Stainless Steel Wire Rope.....	74.88	6.08
		<i>For <100, Add</i>	22.18	
		<i>For >500 To 1,000, Deduct</i>	-3.74	
		<i>For >1,000 To 2,000, Deduct</i>	-5.62	
		<i>For >2,000, Deduct</i>	-7.49	
		<i>For 316 Stainless Steel, Add</i>	18.60	
05 15 19 00-0037	LF	2-1/4" Diameter 7x19 Class Stainless Steel Wire Rope.....	85.07	6.81
		<i>For <100, Add</i>	25.24	
		<i>For >500 To 1,000, Deduct</i>	-4.25	
		<i>For >1,000 To 2,000, Deduct</i>	-6.38	
		<i>For >2,000, Deduct</i>	-8.51	
		<i>For 316 Stainless Steel, Add</i>	21.21	

05 20 Metal Joists ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing ^(05 20)**05 21 19 Open Web Steel Joist Framing** ^(05 21)

05 21 19 00-0001	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,146.11	141.68
		<i>For Welded Cross Bridging, Add</i>	177.10	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	186.69	
05 21 19 00-0002	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....	1,969.38	132.83
		<i>For Welded Cross Bridging, Add</i>	157.42	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	173.36	
05 21 19 00-0003	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,375.80	132.83
		<i>For Welded Cross Bridging, Add</i>	163.48	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	219.70	
05 21 19 00-0004	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging.....	2,701.29	132.83
		<i>For Welded Cross Bridging, Add</i>	163.48	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	258.76	
05 21 19 00-0005	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,380.52	132.83
		<i>For Welded Cross Bridging, Add</i>	177.10	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	214.82	
05 21 19 00-0006	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	2,986.09	132.83
		<i>For Welded Cross Bridging, Add</i>	163.48	
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	292.94	

05 30 Metal Decking ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 31 Steel Decking ^(05 30)

See CSI section 03 30 00 00-0000 for concrete where required, 07 22 16 00-0001 for roof insulation.

05 31 00 00-0001 Open Ribbed Galvanized Steel Form Deck ^(05 31)

05 31 00 00-0002	SF	9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.71	
		<i>For Painted, Deduct</i>	-0.05	
		<i>For Perforated Or Slotted, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.84	
		<i>For >100 To 500, Add</i>	0.39	
		<i>For >500 To 1,500, Add</i>	0.19	
05 31 00 00-0003	SF	9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	1.82	
		<i>For Painted, Deduct</i>	-0.05	
		<i>For Perforated Or Slotted, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.88	
		<i>For >100 To 500, Add</i>	0.42	
		<i>For >500 To 1,500, Add</i>	0.20	
05 31 00 00-0004	SF	9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.02	
		<i>For Painted, Deduct</i>	-0.06	
		<i>For Perforated Or Slotted, Add</i>	0.06	
		<i>For Up To 100, Add</i>	1.01	
		<i>For >100 To 500, Add</i>	0.47	
		<i>For >500 To 1,500, Add</i>	0.23	
05 31 00 00-0005	SF	9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.20	
		<i>For Painted, Deduct</i>	-0.06	
		<i>For Perforated Or Slotted, Add</i>	0.06	
		<i>For Up To 100, Add</i>	1.14	
		<i>For >100 To 500, Add</i>	0.53	
		<i>For >500 To 1,500, Add</i>	0.26	
05 31 00 00-0006	SF	15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.02	
		<i>For Painted, Deduct</i>	-0.06	
		<i>For Perforated Or Slotted, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.90	
		<i>For >100 To 500, Add</i>	0.44	
		<i>For >500 To 1,500, Add</i>	0.20	
05 31 00 00-0007	SF	15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.12	
		<i>For Painted, Deduct</i>	-0.07	
		<i>For Perforated Or Slotted, Add</i>	0.07	
		<i>For Up To 100, Add</i>	0.95	
		<i>For >100 To 500, Add</i>	0.46	
		<i>For >500 To 1,500, Add</i>	0.21	
05 31 00 00-0008	SF	15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.25	
		<i>For Painted, Deduct</i>	-0.07	
		<i>For Perforated Or Slotted, Add</i>	0.07	
		<i>For Up To 100, Add</i>	1.04	
		<i>For >100 To 500, Add</i>	0.50	
		<i>For >500 To 1,500, Add</i>	0.23	

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

05 31 00 00-0009	SF		15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.42	
			<i>For Painted, Deduct</i>	-0.07	
			<i>For Perforated Or Slotted, Add</i>	0.07	
			<i>For Up To 100, Add</i>	1.16	
			<i>For >100 To 500, Add</i>	0.55	
			<i>For >500 To 1,500, Add</i>	0.26	
05 31 00 00-0010	SF		1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.54	
			<i>For Painted, Deduct</i>	-0.07	
			<i>For Perforated Or Slotted, Add</i>	0.07	
			<i>For Up To 100, Add</i>	1.21	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >500 To 1,500, Add</i>	0.27	
05 31 00 00-0011	SF		1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.75	
			<i>For Painted, Deduct</i>	-0.08	
			<i>For Perforated Or Slotted, Add</i>	0.08	
			<i>For Up To 100, Add</i>	1.27	
			<i>For >100 To 500, Add</i>	0.61	
			<i>For >500 To 1,500, Add</i>	0.28	
05 31 00 00-0012	SF		1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.13	
			<i>For Painted, Deduct</i>	-0.10	
			<i>For Perforated Or Slotted, Add</i>	0.10	
			<i>For Up To 100, Add</i>	1.38	
			<i>For >100 To 500, Add</i>	0.67	
			<i>For >500 To 1,500, Add</i>	0.30	
05 31 00 00-0013	SF		1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.49	
			<i>For Painted, Deduct</i>	-0.11	
			<i>For Perforated Or Slotted, Add</i>	0.11	
			<i>For Up To 100, Add</i>	1.56	
			<i>For >100 To 500, Add</i>	0.75	
			<i>For >500 To 1,500, Add</i>	0.34	

05 31 00 00-0014 Open Ribbed Galvanized Steel Deck (05 31)

05 31 00 00-0015	SF		1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	2.26	
			<i>For Painted, Deduct</i>	-0.06	
			<i>For Perforated Or Slotted, Add</i>	0.06	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.64	
			<i>For Up To 100, Add</i>	1.11	
			<i>For >100 To 500, Add</i>	0.52	
			<i>For >500 To 1,500, Add</i>	0.25	
05 31 00 00-0016	SF		1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	2.60	
			<i>For Painted, Deduct</i>	-0.07	
			<i>For Perforated Or Slotted, Add</i>	0.07	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.74	
			<i>For Up To 100, Add</i>	1.29	
			<i>For >100 To 500, Add</i>	0.60	
			<i>For >500 To 1,500, Add</i>	0.29	
05 31 00 00-0017	SF		1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	3.23	
			<i>For Painted, Deduct</i>	-0.09	
			<i>For Perforated Or Slotted, Add</i>	0.09	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.91	
			<i>For Up To 100, Add</i>	1.57	
			<i>For >100 To 500, Add</i>	0.74	
			<i>For >500 To 1,500, Add</i>	0.35	
05 31 00 00-0018	SF		1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	2.50	
			<i>For Painted, Deduct</i>	-0.07	
			<i>For Perforated Or Slotted, Add</i>	0.07	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.71	
			<i>For Up To 100, Add</i>	1.24	
			<i>For >100 To 500, Add</i>	0.58	
			<i>For >500 To 1,500, Add</i>	0.28	
05 31 00 00-0019	SF		1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	2.88	
			<i>For Painted, Deduct</i>	-0.08	
			<i>For Perforated Or Slotted, Add</i>	0.08	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.82	
			<i>For Up To 100, Add</i>	1.42	
			<i>For >100 To 500, Add</i>	0.67	
			<i>For >500 To 1,500, Add</i>	0.32	
05 31 00 00-0020	SF		1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	3.59	
			<i>For Painted, Deduct</i>	-0.10	
			<i>For Perforated Or Slotted, Add</i>	0.10	
			<i>For Site Installed Insulation Between Ribs, Add</i>	1.01	
			<i>For Up To 100, Add</i>	1.75	
			<i>For >100 To 500, Add</i>	0.82	
			<i>For >500 To 1,500, Add</i>	0.39	
05 31 00 00-0021	SF		3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.05	
			<i>For Painted, Deduct</i>	-0.09	
			<i>For Perforated Or Slotted, Add</i>	0.09	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.86	
			<i>For Up To 100, Add</i>	1.40	
			<i>For >100 To 500, Add</i>	0.67	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31 00 00-0022	SF		3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.54	
			<i>For Painted, Deduct</i>	-0.11	
			<i>For Perforated Or Slotted, Add</i>	0.11	
			<i>For Site Installed Insulation Between Ribs, Add</i>	0.99	
			<i>For Up To 100, Add</i>	1.61	
			<i>For >100 To 500, Add</i>	0.77	
			<i>For >500 To 1,500, Add</i>	0.35	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 31 00 00-0023	SF 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.40	
	<i>For Painted, Deduct</i>	-0.13	
	<i>For Perforated Or Slotted, Add</i>	0.13	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.23	
	<i>For Up To 100, Add</i>	1.99	
	<i>For >100 To 500, Add</i>	0.96	
	<i>For >500 To 1,500, Add</i>	0.43	
05 31 00 00-0024	SF 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	5.48	
	<i>For Painted, Deduct</i>	-0.17	
	<i>For Perforated Or Slotted, Add</i>	0.17	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.53	
	<i>For Up To 100, Add</i>	2.42	
	<i>For >100 To 500, Add</i>	1.17	
	<i>For >500 To 1,500, Add</i>	0.52	
05 31 00 00-0025	SF 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	7.28	
	<i>For Painted, Deduct</i>	-0.27	
	<i>For Perforated Or Slotted, Add</i>	0.27	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.96	
	<i>For Up To 100, Add</i>	2.42	
	<i>For >100 To 500, Add</i>	1.29	
	<i>For >500 To 1,500, Add</i>	0.47	
05 31 00 00-0026	SF 4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	9.16	
	<i>For Painted, Deduct</i>	-0.34	
	<i>For Perforated Or Slotted, Add</i>	0.34	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.46	
	<i>For Up To 100, Add</i>	2.98	
	<i>For >100 To 500, Add</i>	1.60	
	<i>For >500 To 1,500, Add</i>	0.57	
05 31 00 00-0027	SF 6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	8.02	
	<i>For Painted, Deduct</i>	-0.32	
	<i>For Perforated Or Slotted, Add</i>	0.32	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.13	
	<i>For Up To 100, Add</i>	2.31	
	<i>For >100 To 500, Add</i>	1.31	
	<i>For >500 To 1,500, Add</i>	0.42	
05 31 00 00-0028	SF 6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	8.63	
	<i>For Painted, Deduct</i>	-0.33	
	<i>For Perforated Or Slotted, Add</i>	0.33	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.32	
	<i>For Up To 100, Add</i>	2.74	
	<i>For >100 To 500, Add</i>	1.49	
	<i>For >500 To 1,500, Add</i>	0.52	
05 31 00 00-0029	SF 6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	10.73	
	<i>For Painted, Deduct</i>	-0.41	
	<i>For Perforated Or Slotted, Add</i>	0.41	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.88	
	<i>For Up To 100, Add</i>	3.35	
	<i>For >100 To 500, Add</i>	1.83	
	<i>For >500 To 1,500, Add</i>	0.63	
05 31 00 00-0030	SF 7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	9.54	
	<i>For Painted, Deduct</i>	-0.36	
	<i>For Perforated Or Slotted, Add</i>	0.36	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.56	
	<i>For Up To 100, Add</i>	3.02	
	<i>For >100 To 500, Add</i>	1.64	
	<i>For >500 To 1,500, Add</i>	0.57	
05 31 00 00-0031	SF 7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	11.83	
	<i>For Painted, Deduct</i>	-0.45	
	<i>For Perforated Or Slotted, Add</i>	0.45	
	<i>For Site Installed Insulation Between Ribs, Add</i>	3.17	
	<i>For Up To 100, Add</i>	3.69	
	<i>For >100 To 500, Add</i>	2.02	
	<i>For >500 To 1,500, Add</i>	0.70	
05 31 00 00-0032	Cellular Galvanized Steel Deck <small>(05 31)</small>		
	Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31 00 00-0033	SF 1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	6.47	
	<i>For Painted, Deduct</i>	-0.24	
	<i>For Perforated Or Slotted, Add</i>	0.24	
	<i>For Insulated Cells, Add</i>	1.06	
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.75	
	<i>For Up To 100, Add</i>	2.23	
	<i>For >100 To 500, Add</i>	1.18	
	<i>For >500 To 1,500, Add</i>	0.44	
05 31 00 00-0034	SF 1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	7.32	
	<i>For Painted, Deduct</i>	-0.25	
	<i>For Perforated Or Slotted, Add</i>	0.25	
	<i>For Insulated Cells, Add</i>	1.12	
	<i>For Site Installed Insulation Between Ribs, Add</i>	2.01	
	<i>For Up To 100, Add</i>	2.83	
	<i>For >100 To 500, Add</i>	1.43	
	<i>For >500 To 1,500, Add</i>	0.58	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 00 00-0035	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	7.72	
		For Painted, Deduct	-0.29	
		For Perforated Or Slotted, Add	0.29	
		For Insulated Cells, Add	1.32	
		For Site Installed Insulation Between Ribs, Add	2.07	
		For Up To 100, Add	2.43	
		For >100 To 500, Add	1.32	
		For >500 To 1,500, Add	0.46	
05 31 00 00-0036	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	8.67	
		For Painted, Deduct	-0.31	
		For Perforated Or Slotted, Add	0.31	
		For Insulated Cells, Add	1.40	
		For Site Installed Insulation Between Ribs, Add	2.35	
		For Up To 100, Add	3.07	
		For >100 To 500, Add	1.60	
		For >500 To 1,500, Add	0.61	
05 31 00 00-0037	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	8.96	
		For Painted, Deduct	-0.34	
		For Perforated Or Slotted, Add	0.34	
		For Insulated Cells, Add	1.51	
		For Site Installed Insulation Between Ribs, Add	2.41	
		For Up To 100, Add	2.92	
		For >100 To 500, Add	1.57	
		For >500 To 1,500, Add	0.56	
05 31 00 00-0038	SF	3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	10.61	
		For Painted, Deduct	-0.40	
		For Perforated Or Slotted, Add	0.40	
		For Insulated Cells, Add	1.81	
		For Site Installed Insulation Between Ribs, Add	2.85	
		For Up To 100, Add	3.37	
		For >100 To 500, Add	1.83	
		For >500 To 1,500, Add	0.64	
05 31 00 00-0039	SF	3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	11.83	
		For Painted, Deduct	-0.45	
		For Perforated Or Slotted, Add	0.45	
		For Insulated Cells, Add	2.04	
		For Site Installed Insulation Between Ribs, Add	3.17	
		For Up To 100, Add	3.69	
		For >100 To 500, Add	2.02	
		For >500 To 1,500, Add	0.70	
05 31 00 00-0040	SF	3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	12.94	
		For Painted, Deduct	-0.49	
		For Perforated Or Slotted, Add	0.49	
		For Insulated Cells, Add	2.20	
		For Site Installed Insulation Between Ribs, Add	3.47	
		For Up To 100, Add	4.13	
		For >100 To 500, Add	2.24	
		For >500 To 1,500, Add	0.79	
05 31 00 00-0041	SF	4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	12.99	
		For Painted, Deduct	-0.54	
		For Perforated Or Slotted, Add	0.54	
		For Insulated Cells, Add	2.43	
		For Site Installed Insulation Between Ribs, Add	3.41	
		For Up To 100, Add	3.29	
		For >100 To 500, Add	1.96	
		For >500 To 1,500, Add	0.55	
05 31 00 00-0042	SF	4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	14.00	
		For Painted, Deduct	-0.57	
		For Perforated Or Slotted, Add	0.57	
		For Insulated Cells, Add	2.56	
		For Site Installed Insulation Between Ribs, Add	3.70	
		For Up To 100, Add	3.75	
		For >100 To 500, Add	2.18	
		For >500 To 1,500, Add	0.65	
05 31 00 00-0043	SF	4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	14.84	
		For Painted, Deduct	-0.60	
		For Perforated Or Slotted, Add	0.60	
		For Insulated Cells, Add	2.70	
		For Site Installed Insulation Between Ribs, Add	3.93	
		For Up To 100, Add	4.02	
		For >100 To 500, Add	2.33	
		For >500 To 1,500, Add	0.71	
05 31 00 00-0044	SF	4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	15.85	
		For Painted, Deduct	-0.64	
		For Perforated Or Slotted, Add	0.64	
		For Insulated Cells, Add	2.88	
		For Site Installed Insulation Between Ribs, Add	4.19	
		For Up To 100, Add	4.31	
		For >100 To 500, Add	2.49	
		For >500 To 1,500, Add	0.76	

05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 36 00 00-0002	SF 1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.56	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.21	
	<i>For >100 To 500, Add</i>	0.57	
	<i>For >500 To 1,500, Add</i>	0.27	
05 36 00 00-0003	SF 1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.76	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.34	
	<i>For >100 To 500, Add</i>	0.63	
	<i>For >500 To 1,500, Add</i>	0.30	
05 36 00 00-0004	SF 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.14	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.64	
	<i>For >100 To 500, Add</i>	0.76	
	<i>For >500 To 1,500, Add</i>	0.37	
05 36 00 00-0005	SF 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.48	
	<i>For Painted, Deduct</i>	-0.09	
	<i>For Perforated Or Slotted, Add</i>	0.09	
	<i>For Up To 100, Add</i>	1.93	
	<i>For >100 To 500, Add</i>	0.88	
	<i>For >500 To 1,500, Add</i>	0.44	
05 36 00 00-0006	SF 2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.76	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.34	
	<i>For >100 To 500, Add</i>	0.63	
	<i>For >500 To 1,500, Add</i>	0.30	
05 36 00 00-0007	SF 2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.99	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.48	
	<i>For >100 To 500, Add</i>	0.69	
	<i>For >500 To 1,500, Add</i>	0.33	
05 36 00 00-0008	SF 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.37	
	<i>For Painted, Deduct</i>	-0.09	
	<i>For Perforated Or Slotted, Add</i>	0.09	
	<i>For Up To 100, Add</i>	1.77	
	<i>For >100 To 500, Add</i>	0.81	
	<i>For >500 To 1,500, Add</i>	0.40	
05 36 00 00-0009	SF 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.73	
	<i>For Painted, Deduct</i>	-0.09	
	<i>For Perforated Or Slotted, Add</i>	0.09	
	<i>For Up To 100, Add</i>	2.07	
	<i>For >100 To 500, Add</i>	0.94	
	<i>For >500 To 1,500, Add</i>	0.47	
05 36 00 00-0010	SF 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	2.89	
	<i>For Painted, Deduct</i>	-0.08	
	<i>For Perforated Or Slotted, Add</i>	0.08	
	<i>For Up To 100, Add</i>	1.39	
	<i>For >100 To 500, Add</i>	0.66	
	<i>For >500 To 1,500, Add</i>	0.31	
05 36 00 00-0011	SF 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.13	
	<i>For Painted, Deduct</i>	-0.09	
	<i>For Perforated Or Slotted, Add</i>	0.09	
	<i>For Up To 100, Add</i>	1.56	
	<i>For >100 To 500, Add</i>	0.73	
	<i>For >500 To 1,500, Add</i>	0.35	
05 36 00 00-0012	SF 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	3.57	
	<i>For Painted, Deduct</i>	-0.09	
	<i>For Perforated Or Slotted, Add</i>	0.09	
	<i>For Up To 100, Add</i>	1.91	
	<i>For >100 To 500, Add</i>	0.87	
	<i>For >500 To 1,500, Add</i>	0.43	
05 36 00 00-0013	SF 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.02	
	<i>For Painted, Deduct</i>	-0.10	
	<i>For Perforated Or Slotted, Add</i>	0.10	
	<i>For Up To 100, Add</i>	2.24	
	<i>For >100 To 500, Add</i>	1.01	
	<i>For >500 To 1,500, Add</i>	0.51	

05 36 00 00-0014 Composite Cellular Galvanized Steel Deck (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.

05 36 00 00-0015	SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.69	
	<i>For Painted, Deduct</i>	-0.14	
	<i>For Perforated Or Slotted, Add</i>	0.14	
	<i>For Insulated Cells, Add</i>	0.62	
	<i>For Up To 100, Add</i>	2.20	
	<i>For >100 To 500, Add</i>	1.05	
	<i>For >500 To 1,500, Add</i>	0.48	

MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0016	SF	1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.04	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.41	
		<i>For >100 To 500, Add</i>	1.14	
		<i>For >500 To 1,500, Add</i>	0.53	
05 36 00 00-0017	SF	1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	5.13	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.50	
		<i>For >100 To 500, Add</i>	1.18	
		<i>For >500 To 1,500, Add</i>	0.55	
05 36 00 00-0018	SF	1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.48	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.68	
		<i>For Up To 100, Add</i>	2.75	
		<i>For >100 To 500, Add</i>	1.28	
		<i>For >500 To 1,500, Add</i>	0.61	
05 36 00 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.88	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.73	
		<i>For Up To 100, Add</i>	2.97	
		<i>For >100 To 500, Add</i>	1.38	
		<i>For >500 To 1,500, Add</i>	0.66	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.96	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.73	
		<i>For Up To 100, Add</i>	3.05	
		<i>For >100 To 500, Add</i>	1.42	
		<i>For >500 To 1,500, Add</i>	0.68	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	6.31	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Insulated Cells, Add</i>	0.75	
		<i>For Up To 100, Add</i>	3.31	
		<i>For >100 To 500, Add</i>	1.53	
		<i>For >500 To 1,500, Add</i>	0.75	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	4.87	
		<i>For Painted, Deduct</i>	-0.14	
		<i>For Perforated Or Slotted, Add</i>	0.14	
		<i>For Insulated Cells, Add</i>	0.64	
		<i>For Up To 100, Add</i>	2.32	
		<i>For >100 To 500, Add</i>	1.10	
		<i>For >500 To 1,500, Add</i>	0.51	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.16	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.51	
		<i>For >100 To 500, Add</i>	1.18	
		<i>For >500 To 1,500, Add</i>	0.55	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	5.24	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.59	
		<i>For >100 To 500, Add</i>	1.21	
		<i>For >500 To 1,500, Add</i>	0.57	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	5.65	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.70	
		<i>For Up To 100, Add</i>	2.84	
		<i>For >100 To 500, Add</i>	1.32	
		<i>For >500 To 1,500, Add</i>	0.63	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	5.99	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.73	
		<i>For Up To 100, Add</i>	3.06	
		<i>For >100 To 500, Add</i>	1.42	
		<i>For >500 To 1,500, Add</i>	0.68	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	6.12	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.73	
		<i>For Up To 100, Add</i>	3.19	
		<i>For >100 To 500, Add</i>	1.47	
		<i>For >500 To 1,500, Add</i>	0.72	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	6.48	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Insulated Cells, Add</i>	0.77	
		<i>For Up To 100, Add</i>	3.41	
		<i>For >100 To 500, Add</i>	1.57	
		<i>For >500 To 1,500, Add</i>	0.77	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 36 00 00-0029	SF	3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	4.88	
		<i>For Painted, Deduct</i>	-0.14	
		<i>For Perforated Or Slotted, Add</i>	0.14	
		<i>For Insulated Cells, Add</i>	0.64	
		<i>For Up To 100, Add</i>	2.32	
		<i>For >100 To 500, Add</i>	1.10	
		<i>For >500 To 1,500, Add</i>	0.51	
05 36 00 00-0030	SF	3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	5.20	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.55	
		<i>For >100 To 500, Add</i>	1.20	
		<i>For >500 To 1,500, Add</i>	0.56	
05 36 00 00-0031	SF	3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	5.32	
		<i>For Painted, Deduct</i>	-0.15	
		<i>For Perforated Or Slotted, Add</i>	0.15	
		<i>For Insulated Cells, Add</i>	0.66	
		<i>For Up To 100, Add</i>	2.67	
		<i>For >100 To 500, Add</i>	1.24	
		<i>For >500 To 1,500, Add</i>	0.59	
05 36 00 00-0032	SF	3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	5.70	
		<i>For Painted, Deduct</i>	-0.16	
		<i>For Perforated Or Slotted, Add</i>	0.16	
		<i>For Insulated Cells, Add</i>	0.70	
		<i>For Up To 100, Add</i>	2.88	
		<i>For >100 To 500, Add</i>	1.34	
		<i>For >500 To 1,500, Add</i>	0.64	
05 36 00 00-0033	SF	3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	6.10	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Insulated Cells, Add</i>	0.75	
		<i>For Up To 100, Add</i>	3.11	
		<i>For >100 To 500, Add</i>	1.44	
		<i>For >500 To 1,500, Add</i>	0.70	
05 36 00 00-0034	SF	3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	6.26	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Insulated Cells, Add</i>	0.75	
		<i>For Up To 100, Add</i>	3.27	
		<i>For >100 To 500, Add</i>	1.51	
		<i>For >500 To 1,500, Add</i>	0.74	
05 36 00 00-0035	SF	3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	6.56	
		<i>For Painted, Deduct</i>	-0.17	
		<i>For Perforated Or Slotted, Add</i>	0.17	
		<i>For Insulated Cells, Add</i>	0.77	
		<i>For Up To 100, Add</i>	3.49	
		<i>For >100 To 500, Add</i>	1.60	
		<i>For >500 To 1,500, Add</i>	0.79	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized (05 36)

05 36 00 00-0037	SF	1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	3.37	
05 36 00 00-0038	SF	1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	2.80	
05 36 00 00-0039	SF	1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	2.37	
05 36 00 00-0040	SF	1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.07	
05 36 00 00-0041	SF	1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	3.69	
05 36 00 00-0042	SF	1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	3.05	
05 36 00 00-0043	SF	1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	2.56	
05 36 00 00-0044	SF	1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.25	
05 36 00 00-0045	SF	3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non Cellular	4.29	
05 36 00 00-0046	SF	3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non Cellular	3.49	
05 36 00 00-0047	SF	3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non Cellular	2.97	
05 36 00 00-0048	SF	3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non Cellular	2.69	

05 40 Cold-Formed Metal Framing (05)

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing (05 40)

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners (05 41)

05 41 00 00-0002	SF	2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	2.77	0.69
		<i>For Walls >10' High, Add</i>	0.55	
		<i>For Curved Wall, Add</i>	0.49	
		<i>For Up To 200, Add</i>	0.88	
		<i>For >200 To 500, Add</i>	0.44	
		<i>For 12" On Center, Add</i>	0.47	
		<i>For 24" On Center, Deduct</i>	-0.47	

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

05 41 00 00-0003	SF			3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.55	0.69
				<i>For Walls >10' High, Add</i>	0.71	
				<i>For Curved Wall, Add</i>	0.51	
				<i>For Up To 200, Add</i>	1.05	
				<i>For >200 To 500, Add</i>	0.53	
				<i>For 12" On Center, Add</i>	0.63	
				<i>For 24" On Center, Deduct</i>	-0.63	
05 41 00 00-0004	SF			4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	3.70	0.69
				<i>For Walls >10' High, Add</i>	0.74	
				<i>For Curved Wall, Add</i>	0.53	
				<i>For Up To 200, Add</i>	1.09	
				<i>For >200 To 500, Add</i>	0.55	
				<i>For 12" On Center, Add</i>	0.65	
				<i>For 24" On Center, Deduct</i>	-0.65	
05 41 00 00-0005	SF			6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.64	0.77
				<i>For Walls >10' High, Add</i>	0.93	
				<i>For Curved Wall, Add</i>	0.56	
				<i>For Up To 200, Add</i>	1.30	
				<i>For >200 To 500, Add</i>	0.65	
				<i>For 12" On Center, Add</i>	0.84	
				<i>For 24" On Center, Deduct</i>	-0.84	
05 41 00 00-0006	SF			8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.15	0.84
				<i>For Walls >10' High, Add</i>	1.03	
				<i>For Curved Wall, Add</i>	0.58	
				<i>For Up To 200, Add</i>	1.41	
				<i>For >200 To 500, Add</i>	0.71	
				<i>For 12" On Center, Add</i>	0.93	
				<i>For 24" On Center, Deduct</i>	-0.93	
05 41 00 00-0007 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners <small>(05 41)</small>						
05 41 00 00-0008	SF			2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.43	0.69
				<i>For Walls >10' High, Add</i>	0.69	
				<i>For Curved Wall, Add</i>	0.51	
				<i>For Up To 200, Add</i>	1.03	
				<i>For >200 To 500, Add</i>	0.51	
				<i>For 12" On Center, Add</i>	0.60	
				<i>For 24" On Center, Deduct</i>	-0.60	
05 41 00 00-0009	SF			3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	3.94	0.70
				<i>For Walls >10' High, Add</i>	0.79	
				<i>For Curved Wall, Add</i>	0.54	
				<i>For Up To 200, Add</i>	1.15	
				<i>For >200 To 500, Add</i>	0.57	
				<i>For 12" On Center, Add</i>	0.70	
				<i>For 24" On Center, Deduct</i>	-0.70	
05 41 00 00-0010	SF			4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.15	0.70
				<i>For Walls >10' High, Add</i>	0.83	
				<i>For Curved Wall, Add</i>	0.56	
				<i>For Up To 200, Add</i>	1.20	
				<i>For >200 To 500, Add</i>	0.60	
				<i>For 12" On Center, Add</i>	0.74	
				<i>For 24" On Center, Deduct</i>	-0.74	
05 41 00 00-0011	SF			6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.17	0.84
				<i>For Walls >10' High, Add</i>	1.03	
				<i>For Curved Wall, Add</i>	0.59	
				<i>For Up To 200, Add</i>	1.42	
				<i>For >200 To 500, Add</i>	0.71	
				<i>For 12" On Center, Add</i>	0.94	
				<i>For 24" On Center, Deduct</i>	-0.94	
05 41 00 00-0012	SF			8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.67	0.92
				<i>For Walls >10' High, Add</i>	1.13	
				<i>For Curved Wall, Add</i>	0.61	
				<i>For Up To 200, Add</i>	1.54	
				<i>For >200 To 500, Add</i>	0.77	
				<i>For 12" On Center, Add</i>	1.03	
				<i>For 24" On Center, Deduct</i>	-1.03	
05 41 00 00-0013 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners <small>(05 41)</small>						
05 41 00 00-0014	SF			3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	4.67	0.96
				<i>For Walls >10' High, Add</i>	0.93	
				<i>For Curved Wall, Add</i>	0.64	
				<i>For Up To 200, Add</i>	1.36	
				<i>For >200 To 500, Add</i>	0.68	
				<i>For 12" On Center, Add</i>	0.83	
				<i>For 24" On Center, Deduct</i>	-0.83	
05 41 00 00-0015	SF			4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.80	0.98
				<i>For Walls >10' High, Add</i>	0.96	
				<i>For Curved Wall, Add</i>	0.65	
				<i>For Up To 200, Add</i>	1.40	
				<i>For >200 To 500, Add</i>	0.70	
				<i>For 12" On Center, Add</i>	0.85	
				<i>For 24" On Center, Deduct</i>	-0.85	

05 Metals**05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.93	1.04
		<i>For Walls >10' High, Add</i>	1.19	
		<i>For Curved Wall, Add</i>	0.68	
		<i>For Up To 200, Add</i>	1.64	
		<i>For >200 To 500, Add</i>	0.82	
		<i>For 12" On Center, Add</i>	1.07	
		<i>For 24" On Center, Deduct</i>	-1.07	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.50	1.08
		<i>For Walls >10' High, Add</i>	1.30	
		<i>For Curved Wall, Add</i>	0.72	
		<i>For Up To 200, Add</i>	1.78	
		<i>For >200 To 500, Add</i>	0.89	
		<i>For 12" On Center, Add</i>	1.18	
		<i>For 24" On Center, Deduct</i>	-1.18	

05 42 Cold-Formed Metal Joist Framing (05 40)**05 42 33 Cold-Formed Metal Joist Framing** (05 42)**05 42 33 00-0001 Steel Joists, 20 Gauge** (05 42 33)

05 42 33 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	6.55	1.66
05 42 33 00-0003	LF	6" - 20 Gauge Steel Joists	7.22	2.08
05 42 33 00-0004	LF	7-1/4" - 20 Gauge Steel Joists	7.81	2.28
05 42 33 00-0005	LF	8" - 20 Gauge Steel Joists	8.73	2.42

05 42 33 00-0006 Steel Joists, 18 Gauge (05 42 33)

05 42 33 00-0007	LF	5-1/2" - 18 Gauge Steel Joists	7.29	1.84
05 42 33 00-0008	LF	6" - 18 Gauge Steel Joists	8.06	2.31
05 42 33 00-0009	LF	7-1/4" - 18 Gauge Steel Joists	8.74	2.53
05 42 33 00-0010	LF	8" - 18 Gauge Steel Joists	9.92	2.69

05 42 33 00-0011 Steel Joists, 16 Gauge (05 42 33)

05 42 33 00-0012	LF	7-1/4" - 16 Gauge Steel Joists	9.41	2.55
05 42 33 00-0013	LF	8" - 16 Gauge Steel Joists	9.93	2.69

05 42 33 00-0014 Steel Joists, 14 Gauge (05 42 33)

05 42 33 00-0015	LF	9-1/4" - 14 Gauge Steel Joists	11.13	2.69
05 42 33 00-0016	LF	11-1/2" - 14 Gauge Steel Joists	12.07	2.84

05 42 33 00-0017 Steel Joists, 12 Gauge (05 42 33)

05 42 33 00-0018	LF	9-1/4" - 12 Gauge Steel Joists	13.18	2.97
05 42 33 00-0019	LF	11-1/2" - 12 Gauge Steel Joists	14.39	3.13

05 42 33 00-0020 Steel Joists, 10 Gauge (05 42 33)

05 42 33 00-0021	LF	9-1/4" - 10 Gauge Steel Joists	15.28	3.27
05 42 33 00-0022	LF	11-1/2" - 10 Gauge Steel Joists	16.76	3.43

05 42 33 00-0023 Steel Joists, 8 Gauge (05 42 33)

05 42 33 00-0024	LF	9-1/4" - 8 Gauge Steel Joists	17.44	3.59
05 42 33 00-0025	LF	11-1/2" - 8 Gauge Steel Joists	19.17	3.78

05 43 Slotted Channel Framing (05 40)**05 43 00 00-0001 Unistrut Channel** (05 43)**05 43 00 00-0002 Steel Unistrut Channel** (05 43 00 00-0001)

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	8.44	1.96
		<i>For Galvanizing, Add</i>	0.77	
		<i>For Powder Coating, Add</i>	0.68	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	8.66	1.96
		<i>For Galvanizing, Add</i>	0.80	
		<i>For Powder Coating, Add</i>	0.71	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	9.00	1.96
		<i>For Galvanizing, Add</i>	0.86	
		<i>For Powder Coating, Add</i>	0.76	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	8.01	1.96
		<i>For Galvanizing, Add</i>	0.69	
		<i>For Powder Coating, Add</i>	0.61	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel.....	7.05	1.96
		<i>For Galvanizing, Add</i>	0.53	
		<i>For Powder Coating, Add</i>	0.47	

05 43 00 00-0008 Stainless Steel Unistrut Channel (05 43 00 00-0001)**05 43 00 00-0009 304 Stainless Steel Unistrut Channel** (05 43 00 00-0008)

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	15.05	1.96
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	17.76	1.96

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	17.09	1.96
	05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	21.28	1.96
	05 43 00 00-0014		316 Stainless Steel Unistrut Channel (05 43 00 00-0008)		
	05 43 00 00-0015	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	23.85	1.96
	05 43 00 00-0016		Unistrut Closure Strips (05 43)		
	05 43 00 00-0017	LF	Raceway Closure Strip For Unistrut Channel	4.26	0.43
	05 43 00 00-0018		Lock Nuts With Spring For Unistrut Channel (05 43)		
			Note: Includes hex bolt.		
	05 43 00 00-0019		Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)		
			Note: Includes hex bolt.		
	05 43 00 00-0020	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	5.67	
	05 43 00 00-0021	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	6.13	
	05 43 00 00-0022	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	6.48	
	05 43 00 00-0023	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	8.36	
	05 43 00 00-0024		Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0018)		
			Note: Includes hex bolt.		
	05 43 00 00-0025	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	9.46	
	05 43 00 00-0026	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	9.96	
	05 43 00 00-0027	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	13.37	
	05 43 00 00-0028	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.64	
	05 43 00 00-0029		Lock Nuts Without Spring For Unistrut Channel (05 43)		
			Note: Includes hex bolt.		
	05 43 00 00-0030		Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)		
			Note: Includes hex bolt.		
	05 43 00 00-0031	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	5.68	
	05 43 00 00-0032	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	6.20	
	05 43 00 00-0033	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	6.51	
	05 43 00 00-0034	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel.....	8.91	
	05 43 00 00-0035		Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0029)		
			Note: Includes hex bolt.		
	05 43 00 00-0036	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	7.27	
	05 43 00 00-0037	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.41	
	05 43 00 00-0038	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	9.01	
	05 43 00 00-0039	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	21.12	
	05 43 00 00-0040		Beam Clamp For Unistrut Channel (05 43)		
	05 43 00 00-0041	EA	Unistrut Beam Clamp, 1-5/8" Channel P2675.....	16.57	6.53
	05 43 00 00-0042	EA	Unistrut Beam Clamp, 1-5/8" Channel P2676.....	19.84	6.53
	05 43 00 00-0043	EA	Add For Unistrut Swivel Nut, P2676	1.78	
	05 43 00 00-0044		Beam Clamp Clevis Hangers (05 43)		
	05 43 00 00-0045	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674).....	17.70	6.53
	05 43 00 00-0046	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677).....	20.31	6.53
	05 43 00 00-0047	EA	Add For Unistrut Swivel Nut.....	1.78	
	05 43 00 00-0048	EA	Unistrut Bracket For Shelves	96.08	8.71
	05 43 00 00-0049		Pipe And Rigid Conduit Clamps (05 43)		
	05 43 00 00-0050		Pipe And Rigid Conduit Clamps (05 43 00 00-0049)		
			Note: Includes stainless steel (316) hardware.		
	05 43 00 00-0051	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	6.12	1.63
	05 43 00 00-0052	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	6.30	1.63
	05 43 00 00-0053	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.10	1.97
	05 43 00 00-0054	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.49	2.14
	05 43 00 00-0055	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	9.82	2.41
	05 43 00 00-0056	PR	2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	9.82	2.41
	05 43 00 00-0057	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	14.77	4.04
	05 43 00 00-0058	PR	3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	15.12	4.04
	05 43 00 00-0059	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	16.05	4.47
	05 43 00 00-0060	PR	4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.83	4.81
	05 43 00 00-0061		Pipe And Rigid Conduit Clamps (05 43 00 00-0049)		
			Note: Includes nylon hardware.		
	05 43 00 00-0062	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.28	1.63
	05 43 00 00-0063	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	6.46	1.63
	05 43 00 00-0064	PR	1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.26	1.97
	05 43 00 00-0065	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	7.67	2.14
	05 43 00 00-0066	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.09	2.41

05 Metals**05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 43 00 00-0067	PR	2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	10.09	2.41
05 43 00 00-0068	PR	2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	15.14	4.04
05 43 00 00-0069	PR	3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	15.51	4.04
05 43 00 00-0070	PR	3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	16.44	4.47
05 43 00 00-0071	PR	4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	18.28	4.81

05 44 Cold-Formed Metal Trusses (05 40)**05 44 13 Cold-Formed Metal Roof Trusses** (05 44)**05 44 13 00-0001 Metal Trusses** (05 44 13)**05 44 13 00-0002 4:12 Pitch Metal Trusses** (05 44 13 00-0001)

05 44 13 00-0003	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	387.37	80.58
		For 4" Chords, Deduct	-67.40	
		For 14 Gauge, Add	93.49	
		For 16 Gauge, Add	35.39	
05 44 13 00-0004	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	401.63	81.29
		For 4" Chords, Deduct	-71.57	
		For 14 Gauge, Add	97.68	
		For 16 Gauge, Add	37.44	
05 44 13 00-0005	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	412.85	82.00
		For 4" Chords, Deduct	-74.74	
		For 14 Gauge, Add	100.92	
		For 16 Gauge, Add	39.00	
05 44 13 00-0006	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	437.17	86.06
		For 4" Chords, Deduct	-79.72	
		For 14 Gauge, Add	107.12	
		For 16 Gauge, Add	41.55	
05 44 13 00-0007	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	458.45	90.12
		For 4" Chords, Deduct	-83.70	
		For 14 Gauge, Add	112.38	
		For 16 Gauge, Add	43.61	
05 44 13 00-0008	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	470.11	90.97
		For 4" Chords, Deduct	-86.91	
		For 14 Gauge, Add	115.71	
		For 16 Gauge, Add	45.20	
05 44 13 00-0009	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	484.82	91.83
		For 4" Chords, Deduct	-91.12	
		For 14 Gauge, Add	119.99	
		For 16 Gauge, Add	47.27	
05 44 13 00-0010	EA	42' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	507.70	96.42
		For 4" Chords, Deduct	-95.23	
		For 14 Gauge, Add	125.57	
		For 16 Gauge, Add	49.41	
05 44 13 00-0011	EA	44' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	533.61	101.01
		For 4" Chords, Deduct	-100.33	
		For 14 Gauge, Add	132.09	
		For 16 Gauge, Add	52.04	
05 44 13 00-0012	EA	46' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	556.48	105.60
		For 4" Chords, Deduct	-104.44	
		For 14 Gauge, Add	137.66	
		For 16 Gauge, Add	54.19	
05 44 13 00-0013	EA	48' Metal Trusses, 18 Gauge, 6" Chords, 4:12 Pitch	582.39	110.19
		For 4" Chords, Deduct	-109.54	
		For 14 Gauge, Add	144.18	
		For 16 Gauge, Add	56.82	

05 44 13 00-0014 5:12 To 6:12 Pitch Metal Trusses (05 44 13 00-0001)

05 44 13 00-0015	EA	28' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	467.67	100.27
		For 4" Chords, Deduct	-79.13	
		For 14 Gauge, Add	111.89	
		For 16 Gauge, Add	41.74	
05 44 13 00-0016	EA	30' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	482.69	101.23
		For 4" Chords, Deduct	-83.37	
		For 14 Gauge, Add	116.23	
		For 16 Gauge, Add	43.82	
05 44 13 00-0017	EA	32' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	497.70	102.19
		For 4" Chords, Deduct	-87.60	
		For 14 Gauge, Add	120.57	
		For 16 Gauge, Add	45.91	
05 44 13 00-0018	EA	34' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	530.00	108.90
		For 4" Chords, Deduct	-93.22	
		For 14 Gauge, Add	128.36	
		For 16 Gauge, Add	48.86	
05 44 13 00-0019	EA	36' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	562.32	115.64
		For 4" Chords, Deduct	-98.84	
		For 14 Gauge, Add	136.16	
		For 16 Gauge, Add	51.81	
05 44 13 00-0020	EA	38' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	500.45	116.85
		For 4" Chords, Deduct	-96.92	
		For 14 Gauge, Add	125.12	
		For 16 Gauge, Add	50.05	
05 44 13 00-0021	EA	40' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch	593.88	118.06
		For 4" Chords, Deduct	-107.43	
		For 14 Gauge, Add	145.14	
		For 16 Gauge, Add	56.06	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 44 13 00-0022	EA 42' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	.....	623.72 -112.85 152.44 58.89	123.97
05 44 13 00-0023	EA 44' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	.....	653.57 -118.27 159.75 61.71	129.88
05 44 13 00-0024	EA 46' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	.....	683.41 -123.69 167.05 64.54	135.77
05 44 13 00-0025	EA 48' Metal Trusses, 18 Gauge, 6" Chords, 5:12 To 6:12 Pitch <i>For 4" Chords, Deduct</i> <i>For 14 Gauge, Add</i> <i>For 16 Gauge, Add</i>	.....	713.26 -129.12 174.36 67.37	141.68

05 45 Metal Support Assemblies (05 40)

- 05 45 13 Mechanical Metal Supports (05 45)**
See CSI section 23 05 29 00-0000 for metal supports.
- 05 45 16 Electrical Metal Supports (05 45)**
See CSI section 26 05 29 00-0000 for metal supports.

05 50 Metal Fabrications (05)

05 51 Metal Stairs (05 50)

- 05 51 13 Metal Pan Stairs (05 51)**
Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001	Open Concrete Filled Metal Pan Stair And Landing <small>(05 51 13)</small> Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.	.....	540.48	25.19
05 51 13 00-0002	RSR 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	.....	61.40	
05 51 13 00-0003	RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	.....	69.76	
05 51 13 00-0004	RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair <i>For Closed Riser, Add</i>	.....	77.68	
05 51 13 00-0005	SF Concrete Filled Steel Pan Landing Note: Conventional shape.	.....	72.76	4.20

- 05 51 19 Metal Grating Stairs (05 51)**
Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001	Open Steel Grating Tread Metal Stair And Landing <small>(05 51 19)</small> Note: Includes steel stringers, safety nosing and 2 pipe handrail.	.....	272.28	33.58
05 51 19 00-0002	RSR 3'-6" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	.....	31.70 51.28	
05 51 19 00-0003	RSR 4'-0" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	.....	292.13 33.73 53.72	38.62
05 51 19 00-0004	RSR 5'-0" Wide Open Steel Grating Tread Metal Stair <i>For Closed Riser, Add</i> <i>For Galvanized Steel, Add</i>	.....	325.10 37.28 58.61	45.34
05 51 19 00-0005	SF Steel Grating Landing With Framing And 2 Pipe Handrail Note: Conventional shape. <i>For Galvanized Steel, Add</i>	.....	51.95 8.79	4.20

- 05 51 33 Metal Ladders (05 51)**
Note: Includes factory prime.

05 51 33 13 Vertical Metal Ladders (05 51 33)

05 51 33 13-0001	Vertical Ladders <small>(05 51 33 13)</small> Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"	.....	76.56	10.07
05 51 33 13-0002	VLF 20" Wide Vertical Steel Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	.....	11.24 22.48	
05 51 33 13-0003	VLF 24" Wide Vertical Steel Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	.....	14.09 28.18	10.07
05 51 33 13-0004	VLF 20" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	.....	65.30 32.65	16.79
05 51 33 13-0005	VLF 24" Wide Vertical Steel Caged Ladder Primed <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	.....	76.70 38.35	16.79

05 51 33 13-0006 Vertical Ladders Options (05 51 33 13)

05 51 33 13-0007	EA 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed Note: Extends 42" above landing surface. Includes mounting bracket. <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i>	206.00 35.76 71.52	31.48
------------------	--	-------	--------------------------	-------

05 Metals
05 50 Metal Fabrications
05 51 Metal Stairs

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	224.92	33.58
		Note: Extends 42" above landing surface. Includes mounting bracket.		
		For Galvanized Steel, Add	39.44	
		For Aluminum, Add	78.88	
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	283.91	10.49
05 51 33 13-0010	EA	6' Security Ladder Guard	633.90	62.97
05 51 33 13-0011	EA	8' Security Ladder Guard	756.91	73.46
05 51 33 13-0012	EA	Safety Chain Attachment	113.55	

05 51 33 13-0013 Welded Steel Ladder Cages (05 51 33 13)

Note: For existing fixed ladders up to 20" wide. Excludes the ladder.

05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,176.66	125.93
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,273.81	130.13
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,351.66	134.33
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,434.66	138.52
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,484.21	142.73
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,563.35	146.92
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,633.48	151.12
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,724.20	155.31
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,812.33	159.52
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,885.04	163.71
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	1,973.18	167.91
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,058.75	172.10
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,143.03	176.31
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,294.20	180.50
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,341.18	184.70
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,420.32	188.89
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,493.03	193.10
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,560.60	197.29
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,707.90	201.49
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,788.33	205.68
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,863.61	209.89

05 51 33 13-0036 Stainless Steel, Welded Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0037	EA	7-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,697.57	125.93
05 51 33 13-0038	EA	8-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	2,879.08	130.13
05 51 33 13-0039	EA	9-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,179.68	134.33
05 51 33 13-0040	EA	10-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,329.27	138.52
05 51 33 13-0041	EA	11-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,455.53	142.73
05 51 33 13-0042	EA	12-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,622.31	146.92
05 51 33 13-0043	EA	13-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	3,920.45	151.12
05 51 33 13-0044	EA	14-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,072.50	155.31
05 51 33 13-0045	EA	15-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,229.45	159.52
05 51 33 13-0046	EA	16-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,401.14	163.71
05 51 33 13-0047	EA	17-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,705.43	167.91
05 51 33 13-0048	EA	18-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	4,858.70	172.10
05 51 33 13-0049	EA	19-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,004.60	176.31
05 51 33 13-0050	EA	20-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,245.05	180.50
05 51 33 13-0051	EA	21-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,514.95	184.70
05 51 33 13-0052	EA	22-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,665.77	188.89
05 51 33 13-0053	EA	23-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,820.28	193.10
05 51 33 13-0054	EA	24-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	5,964.96	197.29
05 51 33 13-0055	EA	25-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,333.08	201.49
05 51 33 13-0056	EA	26-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,477.77	205.68
05 51 33 13-0057	EA	27-1/2' Length, Stainless Steel, Welded Steel Ladder Cage	6,626.12	209.89

05 51 33 16 Inclined Metal Ladders (05 51 33)

05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs (05 51 33 16)

Note: Includes factory prime.

05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	206.72	41.98
		For Aluminum, Add	61.39	

05 51 33 23 Alternating Tread Ladders (05 51 33)

05 51 33 23-0001 Vertical Ladders With Alternating Tread (05 51 33 23)

05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	1,335.21	125.94
		For Stainless Steel, Add	196.80	
		For Primed Steel, Deduct	-191.42	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	1,518.58	133.49
		For Stainless Steel, Add	240.90	
		For Primed Steel, Deduct	-223.30	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	1,670.12	133.49
		For Stainless Steel, Add	288.67	
		For Primed Steel, Deduct	-241.55	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	1,922.22	167.74
		For Stainless Steel, Add	347.24	
		For Primed Steel, Deduct	-256.61	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	2,099.40	173.68
		For Stainless Steel, Add	388.99	
		For Primed Steel, Deduct	-298.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0007	EA		9' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	2,233.30 453.51 -293.53	173.68
05 51 33 23-0008	EA		10' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	2,455.71 497.40 -327.55	193.74
05 51 33 23-0009	EA		11' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	2,605.73 546.61 -347.07	193.74
05 51 33 23-0010	EA		12' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	2,722.46 623.99 -346.65	193.74

05 52 Metal Railings (05 50)

05 52 13 Pipe And Tube Railings (05 52)

Note: Includes sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 **Welded Steel Pipe Railing** (05 52 13)
 Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 **One Rail, Up To 42" High, Welded Steel Pipe Railings** (05 52 13 00-0001)
 Note: Includes factory primed posts and one rail.

05 52 13 00-0003	LF		1" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing <i>For Schedule 80 Handrail, Add</i> <i>For Additional Off Set Handrail, ADA Attachment, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanizing, Add</i> <i>For Wrought Iron, Add</i> <i>For Solid Steel Rails, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For 2" Wheel Guard, Add</i> <i>For 4" High Kick Plate, Add</i> <i>For 6" High Kick Plate, Add</i> <i>For Curved Rail, Add</i> <i>For Mounting On Stairs, Add</i> <i>For Mounting On Slopes, Add</i> <i>For Post Base Flange With Screws, Add Per Post</i> <i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i> <i>For Custom Design Or Shapes (Square Tops, etc), Add</i> <i>For Nylon Coating, Add</i>	34.46 2.63 11.85 7.42 11.49 13.25 7.07 3.45 6.89 56.54 63.61 1.68 2.21 3.53 15.64 4.29 1.68 19.18 29.02 13.03 2.65	8.39
05 52 13 00-0004	LF		1-1/4" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing <i>For Schedule 80 Handrail, Add</i> <i>For Additional Off Set Handrail, ADA Attachment, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanizing, Add</i> <i>For Wrought Iron, Add</i> <i>For Solid Steel Rails, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For 2" Wheel Guard, Add</i> <i>For 4" High Kick Plate, Add</i> <i>For 6" High Kick Plate, Add</i> <i>For Curved Rail, Add</i> <i>For Mounting On Stairs, Add</i> <i>For Mounting On Slopes, Add</i> <i>For Post Base Flange With Screws, Add Per Post</i> <i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i> <i>For Custom Design Or Shapes (Square Tops, etc), Add</i> <i>For Nylon Coating, Add</i>	37.51 3.72 11.85 8.70 13.47 15.54 8.29 3.75 7.50 66.30 74.59 1.97 2.59 4.14 17.47 4.59 1.68 19.18 29.02 14.56 3.11	8.39
05 52 13 00-0005	LF		1-1/2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing <i>For Schedule 80 Handrail, Add</i> <i>For Additional Off Set Handrail, ADA Attachment, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanizing, Add</i> <i>For Wrought Iron, Add</i> <i>For Solid Steel Rails, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For 2" Wheel Guard, Add</i> <i>For 4" High Kick Plate, Add</i> <i>For 6" High Kick Plate, Add</i> <i>For Curved Rail, Add</i> <i>For Mounting On Stairs, Add</i> <i>For Mounting On Slopes, Add</i> <i>For Post Base Flange With Screws, Add Per Post</i> <i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i> <i>For Custom Design Or Shapes (Square Tops, etc), Add</i> <i>For Nylon Coating, Add</i>	40.55 3.72 11.85 9.98 15.44 17.82 9.50 4.06 8.11 76.03 85.54 2.26 2.97 4.75 19.29 4.89 1.68 19.18 29.02 16.08 3.56	8.39

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0006	LF	2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	45.83	8.39
		For Schedule 80 Handrail, Add	4.17	
		For Additional Off Set Handrail, ADA Attachment, Add	11.85	
		For Aluminum, Satin Finish, Add	12.20	
		For Aluminum, Clear Anodized Finish, Add	18.88	
		For Aluminum, Dark Anodized Finish, Add	21.78	
		For Galvanizing, Add	11.62	
		For Wrought Iron, Add	4.58	
		For Solid Steel Rails, Add	9.17	
		For 304 Stainless Steel, Add	92.93	
		For 316 Stainless Steel, Add	104.54	
		For 2" Wheel Guard, Add	2.76	
		For 4" High Kick Plate, Add	3.63	
		For 6" High Kick Plate, Add	5.81	
		For Curved Rail, Add	22.46	
		For Mounting On Stairs, Add	5.42	
		For Mounting On Slopes, Add	1.68	
		For Post Base Flange With Screws, Add Per Post	19.18	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
		For Custom Design Or Shapes (Square Tops, etc), Add	18.72	
		For Nylon Coating, Add	4.36	
05 52 13 00-0007	LF	2-1/2" Diameter, One Rail, Up To 42" High, Welded Steel Pipe Railing	52.16	8.39
		For Schedule 80 Handrail, Add	4.62	
		For Additional Off Set Handrail, ADA Attachment, Add	11.85	
		For Aluminum, Satin Finish, Add	14.86	
		For Aluminum, Clear Anodized Finish, Add	22.99	
		For Aluminum, Dark Anodized Finish, Add	26.53	
		For Galvanizing, Add	14.15	
		For Wrought Iron, Add	5.22	
		For Solid Steel Rails, Add	10.43	
		For 304 Stainless Steel, Add	113.18	
		For 316 Stainless Steel, Add	127.33	
		For 2" Wheel Guard, Add	3.36	
		For 4" High Kick Plate, Add	4.42	
		For 6" High Kick Plate, Add	7.07	
		For Curved Rail, Add	26.26	
		For Mounting On Stairs, Add	6.06	
		For Mounting On Slopes, Add	1.68	
		For Post Base Flange With Screws, Add Per Post	19.18	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
		For Custom Design Or Shapes (Square Tops, etc), Add	21.88	
		For Nylon Coating, Add	5.31	
05 52 13 00-0008		Two Rail, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13 00-0001)</small>		
		Note: Includes factory primed posts and two rails.		
05 52 13 00-0009	LF	1" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	38.88	8.39
		For Schedule 80 Handrail, Add	2.63	
		For Additional Off Set Handrail, ADA Attachment, Add	11.85	
		For Aluminum, Satin Finish, Add	9.28	
		For Aluminum, Clear Anodized Finish, Add	14.36	
		For Aluminum, Dark Anodized Finish, Add	16.57	
		For Galvanizing, Add	8.84	
		For Wrought Iron, Add	3.89	
		For Solid Steel Rails, Add	7.78	
		For 304 Stainless Steel, Add	70.69	
		For 316 Stainless Steel, Add	79.52	
		For 2" Wheel Guard, Add	2.10	
		For 4" High Kick Plate, Add	2.76	
		For 6" High Kick Plate, Add	4.42	
		For Curved Rail, Add	18.29	
		For Mounting On Stairs, Add	4.73	
		For Mounting On Slopes, Add	1.68	
		For Post Base Flange With Screws, Add Per Post	19.18	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
		For Custom Design Or Shapes (Square Tops, etc), Add	15.24	
		For Nylon Coating, Add	3.31	
05 52 13 00-0010	LF	1-1/4" Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing	42.68	8.39
		For Schedule 80 Handrail, Add	3.72	
		For Additional Off Set Handrail, ADA Attachment, Add	11.85	
		For Aluminum, Satin Finish, Add	10.87	
		For Aluminum, Clear Anodized Finish, Add	16.83	
		For Aluminum, Dark Anodized Finish, Add	19.42	
		For Galvanizing, Add	10.36	
		For Wrought Iron, Add	4.27	
		For Solid Steel Rails, Add	8.54	
		For 304 Stainless Steel, Add	82.85	
		For 316 Stainless Steel, Add	93.20	
		For 2" Wheel Guard, Add	2.46	
		For 4" High Kick Plate, Add	3.24	
		For 6" High Kick Plate, Add	5.18	
		For Curved Rail, Add	20.57	
		For Mounting On Stairs, Add	5.11	
		For Mounting On Slopes, Add	1.68	
		For Post Base Flange With Screws, Add Per Post	19.18	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
		For Custom Design Or Shapes (Square Tops, etc), Add	17.14	
		For Nylon Coating, Add	3.88	

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

05 52 13 00-0011	LF	1-1/2"	Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing	46.49	8.39
			For Schedule 80 Handrail, Add	3.72	
			For Additional Off Set Handrail, ADA Attachment, Add	11.85	
			For Aluminum, Satin Finish, Add	12.47	
			For Aluminum, Clear Anodized Finish, Add	19.31	
			For Aluminum, Dark Anodized Finish, Add	22.28	
			For Galvanizing, Add	11.88	
			For Wrought Iron, Add	4.65	
			For Solid Steel Rails, Add	9.30	
			For 304 Stainless Steel, Add	95.04	
			For 316 Stainless Steel, Add	106.92	
			For 2" Wheel Guard, Add	2.82	
			For 4" High Kick Plate, Add	3.71	
			For 6" High Kick Plate, Add	5.94	
			For Curved Rail, Add	22.86	
			For Mounting On Stairs, Add	5.49	
			For Mounting On Slopes, Add	1.68	
			For Post Base Flange With Screws, Add Per Post	19.18	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
			For Custom Design Or Shapes (Square Tops, etc), Add	19.05	
			For Nylon Coating, Add	4.46	
05 52 13 00-0012	LF	2"	Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing	53.09	8.39
			For Schedule 80 Handrail, Add	4.17	
			For Additional Off Set Handrail, ADA Attachment, Add	11.85	
			For Aluminum, Satin Finish, Add	15.25	
			For Aluminum, Clear Anodized Finish, Add	23.60	
			For Aluminum, Dark Anodized Finish, Add	27.23	
			For Galvanizing, Add	14.52	
			For Wrought Iron, Add	5.31	
			For Solid Steel Rails, Add	10.62	
			For 304 Stainless Steel, Add	116.16	
			For 316 Stainless Steel, Add	130.68	
			For 2" Wheel Guard, Add	3.45	
			For 4" High Kick Plate, Add	4.54	
			For 6" High Kick Plate, Add	7.26	
			For Curved Rail, Add	26.82	
			For Mounting On Stairs, Add	6.15	
			For Mounting On Slopes, Add	1.68	
			For Post Base Flange With Screws, Add Per Post	19.18	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
			For Custom Design Or Shapes (Square Tops, etc), Add	22.35	
			For Nylon Coating, Add	5.45	
05 52 13 00-0013	LF	2-1/2"	Diameter, Two Rail, Up To 42" High, Welded Steel Pipe Railing	61.00	8.39
			For Schedule 80 Handrail, Add	4.62	
			For Additional Off Set Handrail, ADA Attachment, Add	11.85	
			For Aluminum, Satin Finish, Add	18.57	
			For Aluminum, Clear Anodized Finish, Add	28.74	
			For Aluminum, Dark Anodized Finish, Add	33.16	
			For Galvanizing, Add	17.68	
			For Wrought Iron, Add	6.10	
			For Solid Steel Rails, Add	12.20	
			For 304 Stainless Steel, Add	141.47	
			For 316 Stainless Steel, Add	159.16	
			For 2" Wheel Guard, Add	4.20	
			For 4" High Kick Plate, Add	5.53	
			For 6" High Kick Plate, Add	8.84	
			For Curved Rail, Add	31.56	
			For Mounting On Stairs, Add	6.94	
			For Mounting On Slopes, Add	1.68	
			For Post Base Flange With Screws, Add Per Post	19.18	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.02	
			For Custom Design Or Shapes (Square Tops, etc), Add	26.30	
			For Nylon Coating, Add	6.63	

05 52 13 00-0014 Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and three rails.

05 52 13 00-0015	LF	1"	Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing	51.72	10.07
			For Schedule 80 Handrail, Add	3.93	
			For Additional Off Set Handrail, ADA Attachment, Add	12.52	
			For Aluminum, Satin Finish, Add	13.26	
			For Aluminum, Clear Anodized Finish, Add	20.52	
			For Aluminum, Dark Anodized Finish, Add	23.68	
			For Galvanizing, Add	12.63	
			For Wrought Iron, Add	5.17	
			For Solid Steel Rails, Add	10.34	
			For 304 Stainless Steel, Add	101.02	
			For 316 Stainless Steel, Add	113.65	
			For 2" Wheel Guard, Add	3.00	
			For 4" High Kick Plate, Add	3.95	
			For 6" High Kick Plate, Add	6.31	
			For Curved Rail, Add	24.99	
			For Mounting On Stairs, Add	6.18	
			For Mounting On Slopes, Add	2.02	
			For Post Base Flange With Screws, Add Per Post	19.52	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.52	
			For Custom Design Or Shapes (Square Tops, etc), Add	20.82	
			For Nylon Coating, Add	4.74	

05 Metals
05 50 Metal Fabrications
05 52 Metal Railings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0016	LF	1-1/4" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	57.16	10.07
		For Schedule 80 Handrail, Add	5.40	
		For Additional Off Set Handrail, ADA Attachment, Add	12.52	
		For Aluminum, Satin Finish, Add	15.54	
		For Aluminum, Clear Anodized Finish, Add	24.06	
		For Aluminum, Dark Anodized Finish, Add	27.76	
		For Galvanizing, Add	14.80	
		For Wrought Iron, Add	5.72	
		For Solid Steel Rails, Add	11.43	
		For 304 Stainless Steel, Add	118.43	
		For 316 Stainless Steel, Add	133.24	
		For 2" Wheel Guard, Add	3.52	
		For 4" High Kick Plate, Add	4.63	
		For 6" High Kick Plate, Add	7.40	
		For Curved Rail, Add	28.25	
		For Mounting On Stairs, Add	6.72	
		For Mounting On Slopes, Add	2.02	
		For Post Base Flange With Screws, Add Per Post	19.52	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.52	
		For Custom Design Or Shapes (Square Tops, etc), Add	23.54	
		For Nylon Coating, Add	5.55	
05 52 13 00-0017	LF	1-1/2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	62.60	10.07
		For Schedule 80 Handrail, Add	5.40	
		For Additional Off Set Handrail, ADA Attachment, Add	12.52	
		For Aluminum, Satin Finish, Add	17.83	
		For Aluminum, Clear Anodized Finish, Add	27.59	
		For Aluminum, Dark Anodized Finish, Add	31.84	
		For Galvanizing, Add	16.98	
		For Wrought Iron, Add	6.26	
		For Solid Steel Rails, Add	12.52	
		For 304 Stainless Steel, Add	135.84	
		For 316 Stainless Steel, Add	152.82	
		For 2" Wheel Guard, Add	4.03	
		For 4" High Kick Plate, Add	5.31	
		For 6" High Kick Plate, Add	8.49	
		For Curved Rail, Add	31.52	
		For Mounting On Stairs, Add	7.27	
		For Mounting On Slopes, Add	2.02	
		For Post Base Flange With Screws, Add Per Post	19.52	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.52	
		For Custom Design Or Shapes (Square Tops, etc), Add	26.26	
		For Nylon Coating, Add	6.37	
05 52 13 00-0018	LF	2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	72.05	10.07
		For Schedule 80 Handrail, Add	5.99	
		For Additional Off Set Handrail, ADA Attachment, Add	12.52	
		For Aluminum, Satin Finish, Add	21.80	
		For Aluminum, Clear Anodized Finish, Add	33.74	
		For Aluminum, Dark Anodized Finish, Add	38.93	
		For Galvanizing, Add	20.76	
		For Wrought Iron, Add	7.21	
		For Solid Steel Rails, Add	14.41	
		For 304 Stainless Steel, Add	166.08	
		For 316 Stainless Steel, Add	186.84	
		For 2" Wheel Guard, Add	4.93	
		For 4" High Kick Plate, Add	6.49	
		For 6" High Kick Plate, Add	10.38	
		For Curved Rail, Add	37.19	
		For Mounting On Stairs, Add	8.21	
		For Mounting On Slopes, Add	2.02	
		For Post Base Flange With Screws, Add Per Post	19.52	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.52	
		For Custom Design Or Shapes (Square Tops, etc), Add	30.99	
		For Nylon Coating, Add	7.79	
05 52 13 00-0019	LF	2-1/2" Diameter, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	83.30	10.07
		For Schedule 80 Handrail, Add	6.59	
		For Additional Off Set Handrail, ADA Attachment, Add	12.52	
		For Aluminum, Satin Finish, Add	26.52	
		For Aluminum, Clear Anodized Finish, Add	41.05	
		For Aluminum, Dark Anodized Finish, Add	47.36	
		For Galvanizing, Add	25.26	
		For Wrought Iron, Add	8.33	
		For Solid Steel Rails, Add	16.66	
		For 304 Stainless Steel, Add	202.08	
		For 316 Stainless Steel, Add	227.34	
		For 2" Wheel Guard, Add	6.00	
		For 4" High Kick Plate, Add	7.89	
		For 6" High Kick Plate, Add	12.63	
		For Curved Rail, Add	43.94	
		For Mounting On Stairs, Add	9.34	
		For Mounting On Slopes, Add	2.02	
		For Post Base Flange With Screws, Add Per Post	19.52	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.52	
		For Custom Design Or Shapes (Square Tops, etc), Add	36.61	
		For Nylon Coating, Add	9.47	

05 52 13 00-0020 Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and four rails.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52	13 00-0021	LF	1" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	62.26	11.76
			For Schedule 80 Handrail, Add	5.46	
			For Additional Off Set Handrail, ADA Attachment, Add	13.19	
			For Aluminum, Satin Finish, Add	16.28	
			For Aluminum, Clear Anodized Finish, Add	25.19	
			For Aluminum, Dark Anodized Finish, Add	29.06	
			For Galvanizing, Add	15.50	
			For Wrought Iron, Add	6.23	
			For Solid Steel Rails, Add	12.45	
			For 304 Stainless Steel, Add	124.00	
			For 316 Stainless Steel, Add	139.50	
			For 2" Wheel Guard, Add	3.68	
			For 4" High Kick Plate, Add	4.84	
			For 6" High Kick Plate, Add	7.75	
			For Curved Rail, Add	30.30	
			For Mounting On Stairs, Add	7.40	
			For Mounting On Slopes, Add	2.35	
			For Post Base Flange With Screws, Add Per Post	19.85	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.03	
			For Custom Design Or Shapes (Square Tops, etc), Add	25.25	
			For Nylon Coating, Add	5.81	
05 52	13 00-0022	LF	1-1/4" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	60.94	11.76
			For Schedule 80 Handrail, Add	7.29	
			For Additional Off Set Handrail, ADA Attachment, Add	13.19	
			For Aluminum, Satin Finish, Add	15.72	
			For Aluminum, Clear Anodized Finish, Add	24.33	
			For Aluminum, Dark Anodized Finish, Add	28.07	
			For Galvanizing, Add	14.97	
			For Wrought Iron, Add	6.09	
			For Solid Steel Rails, Add	12.19	
			For 304 Stainless Steel, Add	119.78	
			For 316 Stainless Steel, Add	134.75	
			For 2" Wheel Guard, Add	3.56	
			For 4" High Kick Plate, Add	4.68	
			For 6" High Kick Plate, Add	7.49	
			For Curved Rail, Add	29.51	
			For Mounting On Stairs, Add	7.27	
			For Mounting On Slopes, Add	2.35	
			For Post Base Flange With Screws, Add Per Post	19.85	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.03	
			For Custom Design Or Shapes (Square Tops, etc), Add	24.59	
			For Nylon Coating, Add	5.61	
05 52	13 00-0023	LF	1-1/2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	59.62	11.76
			For Schedule 80 Handrail, Add	7.29	
			For Additional Off Set Handrail, ADA Attachment, Add	13.19	
			For Aluminum, Satin Finish, Add	15.17	
			For Aluminum, Clear Anodized Finish, Add	23.47	
			For Aluminum, Dark Anodized Finish, Add	27.08	
			For Galvanizing, Add	14.44	
			For Wrought Iron, Add	5.96	
			For Solid Steel Rails, Add	11.92	
			For 304 Stainless Steel, Add	115.55	
			For 316 Stainless Steel, Add	130.00	
			For 2" Wheel Guard, Add	3.43	
			For 4" High Kick Plate, Add	4.51	
			For 6" High Kick Plate, Add	7.22	
			For Curved Rail, Add	28.72	
			For Mounting On Stairs, Add	7.14	
			For Mounting On Slopes, Add	2.35	
			For Post Base Flange With Screws, Add Per Post	19.85	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.03	
			For Custom Design Or Shapes (Square Tops, etc), Add	23.93	
			For Nylon Coating, Add	5.42	
05 52	13 00-0024	LF	2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	82.67	11.76
			For Schedule 80 Handrail, Add	8.03	
			For Additional Off Set Handrail, ADA Attachment, Add	13.19	
			For Aluminum, Satin Finish, Add	24.85	
			For Aluminum, Clear Anodized Finish, Add	38.45	
			For Aluminum, Dark Anodized Finish, Add	44.37	
			For Galvanizing, Add	23.66	
			For Wrought Iron, Add	8.27	
			For Solid Steel Rails, Add	16.53	
			For 304 Stainless Steel, Add	189.31	
			For 316 Stainless Steel, Add	212.98	
			For 2" Wheel Guard, Add	5.62	
			For 4" High Kick Plate, Add	7.40	
			For 6" High Kick Plate, Add	11.83	
			For Curved Rail, Add	42.55	
			For Mounting On Stairs, Add	9.44	
			For Mounting On Slopes, Add	2.35	
			For Post Base Flange With Screws, Add Per Post	19.85	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.03	
			For Custom Design Or Shapes (Square Tops, etc), Add	35.46	
			For Nylon Coating, Add	8.87	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 52 13 00-0025	LF	2-1/2" Diameter, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	95.27	11.76
		<i>For Schedule 80 Handrail, Add</i>	8.77	
		<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	13.19	
		<i>For Aluminum, Satin Finish, Add</i>	30.14	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	46.64	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	53.82	
		<i>For Galvanizing, Add</i>	28.70	
		<i>For Wrought Iron, Add</i>	9.53	
		<i>For Solid Steel Rails, Add</i>	19.05	
		<i>For 304 Stainless Steel, Add</i>	229.63	
		<i>For 316 Stainless Steel, Add</i>	258.34	
		<i>For 2" Wheel Guard, Add</i>	6.82	
		<i>For 4" High Kick Plate, Add</i>	8.97	
		<i>For 6" High Kick Plate, Add</i>	14.35	
		<i>For Curved Rail, Add</i>	50.11	
		<i>For Mounting On Stairs, Add</i>	10.70	
		<i>For Mounting On Slopes, Add</i>	2.35	
		<i>For Post Base Flange With Screws, Add Per Post</i>	19.85	
		<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.03	
		<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	41.76	
		<i>For Nylon Coating, Add</i>	10.76	
05 52 13 00-0026		Railing Infill Panels <small>(05 52 13)</small>		
		Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027		Wire Mesh Or Welded Wire Mesh, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
		Note: Square weave or square welded wire mesh.		
05 52 13 00-0028	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	7.46	
05 52 13 00-0029	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	7.92	
05 52 13 00-0030	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	8.33	
05 52 13 00-0031	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....	14.08	
05 52 13 00-0032		Perforated Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	7.32	
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	7.56	
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	8.10	
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	16.25	
05 52 13 00-0037		Expanded Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel.....	3.30	
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel.....	6.74	
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel.....	8.86	
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel.....	13.20	
05 52 13 00-0042		Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>		
		Note: Includes factory primed, fasteners and field touch-up of welds.		
05 52 13 00-0043	LF	1" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	29.51	5.04
		<i>For Schedule 80 Handrail, Add</i>	1.65	
		<i>For Stainless Steel, Add</i>	33.82	
		<i>For Aluminum, Satin Finish, Add</i>	7.10	
		<i>For Curved Rail, Add</i>	8.85	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	10.99	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	12.68	
		<i>For Galvanized Finish, Add</i>	5.07	
05 52 13 00-0044	LF	1-1/4" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	30.05	5.04
		<i>For Schedule 80 Handrail, Add</i>	1.83	
		<i>For Stainless Steel, Add</i>	34.90	
		<i>For Aluminum, Satin Finish, Add</i>	7.33	
		<i>For Curved Rail, Add</i>	9.02	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	11.34	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	13.09	
		<i>For Galvanized Finish, Add</i>	5.24	
05 52 13 00-0045	LF	1-1/2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	30.60	5.04
		<i>For Schedule 80 Handrail, Add</i>	4.27	
		<i>For Stainless Steel, Add</i>	36.00	
		<i>For Aluminum, Satin Finish, Add</i>	7.56	
		<i>For Curved Rail, Add</i>	9.18	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	11.70	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	13.50	
		<i>For Galvanized Finish, Add</i>	5.40	
05 52 13 00-0046	LF	2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	36.87	5.04
		<i>For Schedule 80 Handrail, Add</i>	2.16	
		<i>For Stainless Steel, Add</i>	48.54	
		<i>For Aluminum, Satin Finish, Add</i>	10.19	
		<i>For Curved Rail, Add</i>	11.06	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.78	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	18.20	
		<i>For Galvanized Finish, Add</i>	7.28	
05 52 13 00-0047	LF	2-1/2" Diameter, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	42.05	5.04
		<i>For Schedule 80 Handrail, Add</i>	2.31	
		<i>For Stainless Steel, Add</i>	58.90	
		<i>For Aluminum, Satin Finish, Add</i>	12.37	
		<i>For Curved Rail, Add</i>	12.62	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	19.14	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	22.09	
		<i>For Galvanized Finish, Add</i>	8.84	

	Metals	05
	Metal Fabrications	05 50
	Metal Railings	05 52
MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

05 52 13 00-0048		Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>		
Note: Includes factory primed, fasteners and field touch-up of welds.				
05 52 13 00-0049	LF	1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	35.92	5.29
		For Schedule 80 Handrail, Add	1.65	
		For Stainless Steel, Add	46.64	
		For Aluminum, Satin Finish, Add	9.79	
		For Curved Rail, Add	10.78	
		For Aluminum, Clear Anodized Finish, Add	15.16	
		For Aluminum, Dark Anodized Finish, Add	17.49	
		For Galvanized Finish, Add	7.00	
05 52 13 00-0050	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	36.68	5.29
		For Schedule 80 Handrail, Add	1.83	
		For Stainless Steel, Add	48.16	
		For Aluminum, Satin Finish, Add	10.11	
		For Curved Rail, Add	11.00	
		For Aluminum, Clear Anodized Finish, Add	15.65	
		For Aluminum, Dark Anodized Finish, Add	18.06	
		For Galvanized Finish, Add	7.22	
05 52 13 00-0051	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	37.25	5.29
		For Schedule 80 Handrail, Add	4.27	
		For Stainless Steel, Add	49.30	
		For Aluminum, Satin Finish, Add	10.35	
		For Curved Rail, Add	11.18	
		For Aluminum, Clear Anodized Finish, Add	16.02	
		For Aluminum, Dark Anodized Finish, Add	18.49	
		For Galvanized Finish, Add	7.40	
05 52 13 00-0052	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	46.01	5.29
		For Schedule 80 Handrail, Add	2.16	
		For Stainless Steel, Add	66.82	
		For Aluminum, Satin Finish, Add	14.03	
		For Curved Rail, Add	13.80	
		For Aluminum, Clear Anodized Finish, Add	21.72	
		For Aluminum, Dark Anodized Finish, Add	25.06	
		For Galvanized Finish, Add	10.02	
05 52 13 00-0053	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	51.74	5.29
		For Schedule 80 Handrail, Add	2.31	
		For Stainless Steel, Add	78.28	
		For Aluminum, Satin Finish, Add	16.44	
		For Curved Rail, Add	15.52	
		For Aluminum, Clear Anodized Finish, Add	25.44	
		For Aluminum, Dark Anodized Finish, Add	29.36	
		For Galvanized Finish, Add	11.74	
05 52 13 00-0054		Remove/Reinstall Pipe Railing <small>(05 52 13)</small>		
05 52 13 00-0055	LF	Remove And Reinstall Wall Bracket Mounted Pipe Railing	18.89	
05 52 13 00-0056	LF	Remove And Reinstall Floor Mounted Pipe Railing	24.62	
05 52 13 00-0057	EA	Install New Galvanized Steel Pipe Railing Bracket.....	41.47	
		For Stainless Steel, Add	32.56	

05 53 Metal Gratings (05 50)
05 53 13 Bar Gratings (05 53)

05 53 13 00-0001		Welded Grating <small>(05 53 13)</small>		
Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.				
05 53 13 00-0002		Steel, Welded Grating <small>(05 53 13 00-0001)</small>		
Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.				
05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	7.57	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	0.97	
		For 304 Stainless Steel, Add	18.36	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	1.67	
		For Crossbars At 2" O.C., Add	0.62	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.38	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	9.94	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.38	
		For 304 Stainless Steel, Add	25.97	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	2.36	
		For Crossbars At 2" O.C., Add	0.87	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.44	

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating.....	9.09	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.23	
		For 304 Stainless Steel, Add	23.24	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	2.11	
		For Crossbars At 2" O.C., Add	0.78	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.42	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating.....	12.31	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.78	
		For 304 Stainless Steel, Add	33.58	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	3.05	
		For Crossbars At 2" O.C., Add	1.13	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.50	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating.....	15.53	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.33	
		For 304 Stainless Steel, Add	43.91	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	3.99	
		For Crossbars At 2" O.C., Add	1.48	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.58	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	10.63	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.49	
		For 304 Stainless Steel, Add	28.18	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	2.56	
		For Crossbars At 2" O.C., Add	0.95	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.46	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	14.54	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.16	
		For 304 Stainless Steel, Add	40.73	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	3.71	
		For Crossbars At 2" O.C., Add	1.37	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.56	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	12.17	0.92
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	1.75	
		For 304 Stainless Steel, Add	33.13	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	3.01	
		For Crossbars At 2" O.C., Add	1.11	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.50	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	17.32	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.56	
		For 304 Stainless Steel, Add	48.31	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	4.39	
		For Crossbars At 2" O.C., Add	1.63	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.90	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	22.21	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.39	
		For 304 Stainless Steel, Add	64.01	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	5.82	
		For Crossbars At 2" O.C., Add	2.15	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.02	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	19.70	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	2.96	
		For 304 Stainless Steel, Add	55.95	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	5.09	
		For Crossbars At 2" O.C., Add	1.88	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-1.96	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating.....	21.94	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.34	
		For 304 Stainless Steel, Add	63.14	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	5.74	
		For Crossbars At 2" O.C., Add	2.12	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0015	SF		2-1/4" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	24.31 0.22 3.75 70.75 6.44 2.38 0.16 -2.07	1.13
05 53 13 00-0016	SF		2-1/2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	26.54 0.22 4.13 77.91 7.09 2.62 0.16 -2.13	1.13
05 53 13 00-0017			Pressure Locked Grating ^(05 53 13) Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018			Steel, Pressure Locked Grating ^(05 53 13 00-0017) Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019	SF		3/4" x 1/8" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Set In Place Without Bolting Or Tack Welding, Deduct	13.78 0.22 1.96 22.32 3.48 1.29 -1.54	0.92
05 53 13 00-0020	SF		3/4" x 3/16" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Set In Place Without Bolting Or Tack Welding, Deduct	16.83 0.22 2.46 28.03 4.37 1.62 -1.61	0.92
05 53 13 00-0021	SF		1" x 1/8" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	15.09 0.22 2.17 24.77 3.87 1.43 0.16 -1.57	0.92
05 53 13 00-0022	SF		1" x 3/16" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 7/16" O.C., Add For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	20.32 0.22 3.03 34.56 26.78 5.39 1.99 0.16 -1.70	0.92
05 53 13 00-0023	SF		1-1/4" x 1/8" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	16.83 0.22 2.46 28.03 4.37 1.62 0.16 -1.61	0.92
05 53 13 00-0024	SF		1-1/4" x 3/16" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	22.74 0.22 3.43 39.09 6.10 2.26 0.16 -1.76	0.92
05 53 13 00-0025	SF		1-1/2" x 1/8" Steel, Pressure Locked Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	18.66 0.22 2.76 31.45 4.91 1.82 0.16 -1.66	0.92

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	25.70	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.84	
		For 304 Stainless Steel, Add	43.84	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 7/16" O.C., Add	33.97	
		For Bearing Bars At 15/16" O.C., Add	6.84	
		For Crossbars At 2" O.C., Add	2.53	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.11	
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	28.25	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.26	
		For 304 Stainless Steel, Add	48.61	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	7.59	
		For Crossbars At 2" O.C., Add	2.81	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.17	
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	30.33	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.60	
		For 304 Stainless Steel, Add	52.50	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	8.19	
		For Crossbars At 2" O.C., Add	3.03	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.22	
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	32.33	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.93	
		For 304 Stainless Steel, Add	56.24	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	8.78	
		For Crossbars At 2" O.C., Add	3.25	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.27	
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	34.06	1.13
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.21	
		For 304 Stainless Steel, Add	59.48	
		Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.		
		For Bearing Bars At 15/16" O.C., Add	9.28	
		For Crossbars At 2" O.C., Add	3.43	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.32	
05 53 13 00-0031		Aluminum, Type 6063, Pressure Locked Grating <small>(05 53 13 00-0017)</small>		
		Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating.....	10.10	0.92
		For Bearing Bars At 15/16" O.C., Add	2.41	
		For Crossbars At 2" O.C., Add	0.89	
		For Set In Place Without Bolting, Deduct	-1.45	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating.....	13.48	0.92
		For Bearing Bars At 15/16" O.C., Add	3.40	
		For Crossbars At 2" O.C., Add	1.26	
		For Set In Place Without Bolting, Deduct	-1.53	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating.....	12.75	0.92
		For Bearing Bars At 15/16" O.C., Add	3.18	
		For Crossbars At 2" O.C., Add	1.18	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.51	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating.....	17.13	0.92
		For Bearing Bars At 7/16" O.C., Add	22.16	
		For Bearing Bars At 15/16" O.C., Add	4.46	
		For Crossbars At 2" O.C., Add	1.65	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.62	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating.....	14.68	0.92
		For Bearing Bars At 15/16" O.C., Add	3.75	
		For Crossbars At 2" O.C., Add	1.39	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.56	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	19.45	0.92
		For Bearing Bars At 15/16" O.C., Add	5.14	
		For Crossbars At 2" O.C., Add	1.90	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.68	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating.....	16.49	0.92
		For Bearing Bars At 15/16" O.C., Add	4.27	
		For Crossbars At 2" O.C., Add	1.58	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.61	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	21.84	0.92
		For Bearing Bars At 7/16" O.C., Add	28.99	
		For Bearing Bars At 15/16" O.C., Add	5.84	
		For Crossbars At 2" O.C., Add	2.16	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-1.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0040	SF		1-3/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	24.13 6.51 2.41 0.16 -1.80	0.92
05 53 13 00-0041	SF		2" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	26.84 7.30 2.70 0.16 -1.86	0.92
05 53 13 00-0042	SF		2-1/4" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	28.97 7.92 2.93 0.16 -1.92	0.92
05 53 13 00-0043	SF		2-1/2" x 3/16" Aluminum, Pressure Locked Grating..... <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i>	31.50 8.66 3.20 0.16 -1.98	0.92
05 53 13 00-0044			Swage Locked Grating <small>(05 53 13)</small> Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
05 53 13 00-0045			Steel, Swage Locked Grating <small>(05 53 13 00-0044)</small> Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0046	SF		1" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	22.18 0.22 1.87 33.71 13.01 1.63 0.16 -1.75	0.92
05 53 13 00-0047	SF		1-1/4" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	24.68 0.22 2.10 37.85 14.61 1.83 0.16 -1.81	0.92
05 53 13 00-0048	SF		1-1/2" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	27.07 0.22 2.28 41.12 15.87 1.98 0.16 -2.14	1.13
05 53 13 00-0049	SF		1-3/4" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	30.91 0.22 2.63 47.49 18.33 2.29 0.16 -2.24	1.13
05 53 13 00-0050	SF		2" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	34.77 0.22 2.99 53.89 20.80 2.60 0.16 -2.33	1.13
05 53 13 00-0051	SF		2-1/4" x 3/16" Steel, Swaged Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C.</i> <i>For Bearing Bars At 15/16" O.C., Add</i> <i>For Crossbars At 2" O.C., Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	38.61 0.22 3.34 60.25 23.26 2.91 0.16 -2.43	1.13

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 53 13 00-0052	SF 2-1/2" x 3/16" Steel, Swaged Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" O.C. and crossbars at 4" O.C. For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	42.47 0.22 3.70 66.65 25.73 3.22 0.16 -2.53	1.13
05 53 13 00-0053	Aluminum Grating, Type 6063, Swage Locked (05 53 13 00-0044) Note: Bearing bars at 1-3/16" O.C., crossbars at 4" O.C., bolted in place, and in all sizes.		
05 53 13 00-0054	SF 1" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	11.82 6.38 0.80 0.16 -1.49	0.92
05 53 13 00-0055	SF 1" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	15.16 8.52 1.06 0.16 -1.57	0.92
05 53 13 00-0056	SF 1-1/4" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	13.32 7.34 0.92 0.16 -1.53	0.92
05 53 13 00-0057	SF 1-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	17.40 9.95 1.24 0.16 -1.63	0.92
05 53 13 00-0058	SF 1-1/2" x 1/8" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	15.10 8.48 1.06 0.16 -1.57	0.92
05 53 13 00-0059	SF 1-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	19.81 11.49 1.44 0.16 -1.69	0.92
05 53 13 00-0060	SF 1-3/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	22.58 13.27 1.66 0.16 -1.76	0.92
05 53 13 00-0061	SF 2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	25.34 15.03 1.88 0.16 -1.83	0.92
05 53 13 00-0062	SF 2-1/4" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	28.11 16.81 2.10 0.16 -1.90	0.92
05 53 13 00-0063	SF 2-1/2" x 3/16" Aluminum, Swaged Grating..... For Bearing Bars At 15/16" O.C., Add For Crossbars At 2" O.C., Add For Serrated Wear Surface, Add For Set In Place Without Bolting, Deduct	30.86 18.57 2.32 0.16 -1.96	0.92
05 53 13 00-0064	Riveted Grating (05 53 13) Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065	Steel, Riveted Grating (05 53 13 00-0064) Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF 3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Set In Place Without Bolting Or Tack Welding, Deduct	41.61 0.22 1.91 34.15 13.72 -2.23	0.92
05 53 13 00-0067	SF 3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating..... For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add For 5/8" Clear Opening, Add For Set In Place Without Bolting Or Tack Welding, Deduct	48.89 0.22 2.26 40.41 16.23 -2.42	0.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0068	SF		1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	44.96	0.92
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.07	
			For 304 Stainless Steel, Add	37.03	
			For 5/8" Clear Opening, Add	14.87	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.32	
05 53 13 00-0069	SF		1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	51.66	0.92
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.39	
			For 304 Stainless Steel, Add	42.79	
			For 5/8" Clear Opening, Add	17.18	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.48	
05 53 13 00-0070	SF		1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating	47.74	0.92
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.20	
			For 304 Stainless Steel, Add	39.42	
			For 5/8" Clear Opening, Add	15.83	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.39	
05 53 13 00-0071	SF		1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	56.83	0.92
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.64	
			For 304 Stainless Steel, Add	47.23	
			For 5/8" Clear Opening, Add	18.97	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.61	
05 53 13 00-0072	SF		1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	50.83	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.33	
			For 304 Stainless Steel, Add	41.71	
			For 5/8" Clear Opening, Add	16.75	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.73	
05 53 13 00-0073	SF		1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	60.55	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	2.80	
			For 304 Stainless Steel, Add	50.06	
			For 5/8" Clear Opening, Add	20.11	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.98	
05 53 13 00-0074	SF		1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	65.51	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.04	
			For 304 Stainless Steel, Add	54.32	
			For 5/8" Clear Opening, Add	21.82	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.10	
05 53 13 00-0075	SF		2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating.....	76.58	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.57	
			For 304 Stainless Steel, Add	63.83	
			For 5/8" Clear Opening, Add	25.64	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.38	
05 53 13 00-0076	SF		2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating.....	80.43	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.75	
			For 304 Stainless Steel, Add	67.14	
			For 5/8" Clear Opening, Add	26.97	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.47	
05 53 13 00-0077	SF		2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating.....	83.87	1.13
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.92	
			For 304 Stainless Steel, Add	70.09	
			For 5/8" Clear Opening, Add	28.15	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.56	
05 53 13 00-0078			Aluminum, Riveted Grating (05 53 13 00-0064)		
			Note: 1" clear opening, bolted in place and in all sizes.		
05 53 13 00-0079	SF		3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating.....	24.62	0.92
			For 5/8" Clear Opening, Add	7.86	
			For Set In Place Without Bolting, Deduct	-1.81	
05 53 13 00-0080	SF		3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating.....	29.13	0.92
			For 5/8" Clear Opening, Add	9.41	
			For Set In Place Without Bolting, Deduct	-1.92	
05 53 13 00-0081	SF		1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating.....	27.03	0.92
			For 5/8" Clear Opening, Add	8.69	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-1.87	
05 53 13 00-0082	SF		1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating.....	31.43	0.92
			For 5/8" Clear Opening, Add	10.21	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-1.98	

05 Metals
05 50 Metal Fabrications
05 53 Metal Gratings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating.....	30.25	0.92
		<i>For 5/8" Clear Opening, Add</i>	9.80	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-1.95	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating.....	36.36	0.92
		<i>For 5/8" Clear Opening, Add</i>	11.91	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.10	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating.....	32.45	0.92
		<i>For 5/8" Clear Opening, Add</i>	10.56	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.00	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	40.21	0.92
		<i>For 5/8" Clear Opening, Add</i>	13.23	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.20	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	44.27	0.92
		<i>For 5/8" Clear Opening, Add</i>	14.63	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.30	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	52.63	0.92
		<i>For 5/8" Clear Opening, Add</i>	17.52	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.51	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	57.36	0.92
		<i>For 5/8" Clear Opening, Add</i>	19.15	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.63	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	63.72	0.92
		<i>For 5/8" Clear Opening, Add</i>	21.35	
		<i>For Serrated Wear Surface, Add</i>	0.16	
		<i>For Set In Place Without Bolting, Deduct</i>	-2.79	

05 54 Metal Floor Plates (05 50)

05 54 00 00-0001 Steel Floor Plates (05 54)

05 54 00 00-0002	SF	16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	10.79	1.09
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	12.25	1.09
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	15.20	1.09
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates.....	20.26	1.17
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates.....	25.55	1.26

05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)

05 54 00 00-0008	SF	0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	15.68	0.92
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	17.98	1.09
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	20.30	1.17

05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)

05 54 00 00-0012	SF	1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	26.46	1.26
		<i>For 316 Stainless Steel, Add</i>	7.38	
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	31.62	1.43
		<i>For 316 Stainless Steel, Add</i>	8.86	
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	40.93	1.67
		<i>For 316 Stainless Steel, Add</i>	11.57	

05 55 Metal Stair Treads And Nosings (05 50)

05 55 13 Metal Stair Treads (05 55)

05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads (05 55 13)

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0002	LF	8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	38.07	4.35
		<i>For 3/8" Thick, Add</i>	7.78	
05 55 13 00-0003	LF	9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	41.75	4.35
		<i>For 3/8" Thick, Add</i>	8.70	
05 55 13 00-0004	LF	10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	45.42	4.35
		<i>For 3/8" Thick, Add</i>	9.62	
05 55 13 00-0005	LF	11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	49.11	4.35
		<i>For 3/8" Thick, Add</i>	10.54	
05 55 13 00-0006	LF	12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	52.77	4.35
		<i>For 3/8" Thick, Add</i>	11.45	

05 55 13 00-0007 Abrasive Cast Iron Stair Treads (05 55 13)

Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.

05 55 13 00-0008	LF	8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	52.34	4.35
05 55 13 00-0009	LF	9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	57.79	4.35
05 55 13 00-0010	LF	10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	63.25	4.35
05 55 13 00-0011	LF	11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	68.70	4.35
05 55 13 00-0012	LF	12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	74.16	4.35

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

05 55 13 00-0013				Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads <small>(05 55 13)</small> <small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.</small>		
05 55 13 00-0014	LF			6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	20.87	4.35
05 55 13 00-0015	LF			9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	24.20	4.35
05 55 13 00-0016	LF			11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	25.67	4.35
05 55 13 00-0017				Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads <small>(05 55 13)</small> <small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.</small>		
05 55 13 00-0018	LF			8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	30.07	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
				<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0019	LF			9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	30.34	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
				<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0020	LF			11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	36.34	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
				<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0021	LF			12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	41.59	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
				<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0022	LF			15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	48.44	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
				<i>For Two Color Tread, Add</i>	1.74	
05 55 13 00-0023				Stair Landing Treads <small>(05 55 13)</small>		
05 55 13 00-0024				Abrasive Cast Aluminum Stair Landing Treads <small>(05 55 13 00-0023)</small> <small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 13 00-0025	SF			5/16" Thick, Abrasive Cast Aluminum Landing Treads.....	52.77	4.35
				<i>For 3/8" Thick, Add</i>	11.45	
05 55 13 00-0026				Abrasive Cast Iron Stair Landing Treads <small>(05 55 13 00-0023)</small> <small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 13 00-0027	SF			3/8" Thick, Abrasive Cast Iron Landing Treads.....	74.16	4.35
05 55 13 00-0028				Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads <small>(05 55 13 00-0023)</small> <small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.</small>		
05 55 13 00-0029	SF			9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	49.04	4.35
				<i>For Epoxy Sealed For Corrosive Environment, Add</i>	2.31	
05 55 13 00-0030				Open Cast Iron Stair Tread <small>(05 55 13)</small> <small>Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.</small>		
05 55 13 00-0031	RSR			3'-6" Wide, Open Cast Iron Stair Tread.....	372.84	33.58
				<i>For Closed Riser, Add</i>	31.72	
05 55 13 00-0032	RSR			4'-0" Wide, Open Cast Iron Stair Tread.....	421.69	38.62
				<i>For Closed Riser, Add</i>	35.76	
05 55 13 00-0033	RSR			5'-0" Wide, Open Cast Iron Stair Tread.....	466.43	45.34
				<i>For Closed Riser, Add</i>	39.49	
05 55 16				Metal Stair Nosings <small>(05 55)</small>		
05 55 16 00-0001				Abrasive Cast Aluminum Nosings <small>(05 55 16)</small> <small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 16 00-0002	LF			3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	16.50	2.97
				<i>For 3/8" Thick, Add</i>	2.94	
05 55 16 00-0003	LF			4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	20.06	2.97
				<i>For 3/8" Thick, Add</i>	3.83	
05 55 16 00-0004	LF			6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	27.97	2.97
				<i>For 3/8" Thick, Add</i>	5.81	
05 55 16 00-0005				Abrasive Cast Iron Nosings <small>(05 55 16)</small> <small>Note: Includes abrasive diamond pattern surface and anchors.</small>		
05 55 16 00-0006	LF			3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	19.10	2.97
				<i>For 3/8" Thick, Add</i>	3.59	
05 55 16 00-0007	LF			4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	23.47	2.97
				<i>For 3/8" Thick, Add</i>	4.68	
05 55 16 00-0008	LF			6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	32.11	2.97
				<i>For 3/8" Thick, Add</i>	6.84	
05 55 16 00-0009				Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings <small>(05 55 16)</small> <small>Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.</small>		
05 55 16 00-0010	LF			1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	14.10	2.97

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads And Nosings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 55 16 00-0011	LF	3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	15.81	2.97
05 55 16 00-0012	LF	4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.12	2.97
05 55 16 00-0013	LF	6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	21.18	2.97
05 55 16 00-0014	LF	1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	14.56	2.97
05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	16.02	2.97
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	17.46	2.97
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	16.58	2.97

05 56 Metal Castings (05 50)**05 56 00 00-0001 Castings** (05 56)

05 56 00 00-0002	LB	Up To 150 LB, Miscellaneous Castings, Light Section.....	3.06	0.42
05 56 00 00-0003	LB	>150 LB, Miscellaneous Castings, Heavy Section.....	4.98	0.34

05 58 Formed Metal Fabrications (05 50)**05 58 13 Column Covers** (05 58)**05 58 13 00-0001 Architectural Column Cover, Aluminum** (05 58 13)

Note: Includes snapform column joint, anodized finish, and column collars at top and bottom (Pittcon Series 1500).

05 58 13 00-0002	LF	10" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	71.63	
		Note: Includes column base and top collar.		
05 58 13 00-0003	LF	12" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	84.45	
		Note: Includes column base and top collar.		
05 58 13 00-0004	LF	14" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	101.02	
		Note: Includes column base and top collar.		
05 58 13 00-0005	LF	16" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	113.85	
		Note: Includes column base and top collar.		
05 58 13 00-0006	LF	18" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	128.18	
		Note: Includes column base and top collar.		
05 58 13 00-0007	LF	20" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	142.35	
		Note: Includes column base and top collar.		
05 58 13 00-0008	LF	24" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	169.19	
		Note: Includes column base and top collar.		
05 58 13 00-0009	LF	30" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	209.08	
		Note: Includes column base and top collar.		
05 58 13 00-0010	LF	36" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	228.05	
		Note: Includes column base and top collar.		
05 58 13 00-0011	LF	42" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	247.02	
		Note: Includes column base and top collar.		
05 58 13 00-0012	LF	48" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	278.59	
		Note: Includes column base and top collar.		
05 58 13 00-0013	LF	54" Diameter Architectural Column Cover, Aluminum, Anodized Finish, Snapform Section.....	325.15	
		Note: Includes column base and top collar.		

05 58 13 00-0014 Monolithic Column Cover, Aluminum (05 58 13)

Note: Includes painted, and column collars at top and bottom (Pittcon Series 100).

05 58 13 00-0015	LF	7" Diameter Monolithic Column Cover, Aluminum, Factory.....	27.75	
05 58 13 00-0016	LF	8" Diameter Monolithic Column Cover, Aluminum, Factory.....	31.48	
05 58 13 00-0017	LF	9" Diameter Monolithic Column Cover, Aluminum, Factory.....	35.09	
05 58 13 00-0018	LF	10" Diameter Monolithic Column Cover, Aluminum, Factory.....	38.92	
05 58 13 00-0019	LF	12" Diameter Monolithic Column Cover, Aluminum, Factory Primed, Including Column Base And Top Collar.....	46.14	

05 58 16 Formed Metal Enclosures (05 58)**05 58 16 00-0001 Drip Pan** (05 58 16)

05 58 16 00-0002	SF	Stainless Steel Drip Pan.....	59.02	4.51
05 58 16 00-0003	SF	Galvanized Steel Drip Pan.....	58.33	4.51
05 58 16 00-0004	SF	Aluminum Drip Pan.....	41.16	3.60
05 58 16 00-0005	SF	Plastic Drip Pan.....	11.74	3.16

05 58 23 Formed Metal Guards (05 58)**05 58 23 00-0001 Protective Guard Rails** (05 58 23)

Note: Includes painted finish.

05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001)

Note: Steel King Armor Guard.

05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0002)

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	109.46	14.25
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	127.85	14.25
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	145.20	14.25
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	163.58	14.25
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	181.03	14.25
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	203.64	14.25
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	219.04	14.25
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	242.90	14.25
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	258.55	14.25
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	269.73	14.25

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

05 58 23 00-0014	Posts For 2-Rib Guard Rails <small>(05 58 23 00-0002)</small>		
	Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015	EA 12" Height, Single Rail Post For 2-Rib Guard Rails.....	222.34	29.67
05 58 23 00-0016	EA 42" Height, Triple Rail Post For 2-Rib Guard Rails.....	286.20	29.67

05 58 23 00-0017	3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0001)</small>		
	Note: Steel King Steel Guard.		

05 58 23 00-0018	Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0017)</small>		
	Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019	EA 1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	120.55	14.25
05 58 23 00-0020	EA 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	132.77	14.25
05 58 23 00-0021	EA 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	148.03	14.25
05 58 23 00-0022	EA 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	162.29	14.25
05 58 23 00-0023	EA 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	178.79	14.25
05 58 23 00-0024	EA 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	186.74	14.25
05 58 23 00-0025	EA 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	205.87	14.25
05 58 23 00-0026	EA 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	222.02	14.25
05 58 23 00-0027	EA 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	239.17	14.25
05 58 23 00-0028	EA 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	256.56	14.25

05 58 23 00-0029	Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0017)</small>		
	Note: Excludes posts. Includes fasteners and lift-out mounting plate.		

05 58 23 00-0030	EA 1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	175.56	14.25
05 58 23 00-0031	EA 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	188.98	14.25
05 58 23 00-0032	EA 3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	202.89	14.25
05 58 23 00-0033	EA 4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	219.04	14.25
05 58 23 00-0034	EA 5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	235.19	14.25
05 58 23 00-0035	EA 6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	248.36	14.25
05 58 23 00-0036	EA 7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	263.52	14.25
05 58 23 00-0037	EA 8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	280.66	14.25
05 58 23 00-0038	EA 9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	299.05	14.25
05 58 23 00-0039	EA 10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....	315.20	14.25

05 58 23 00-0040	Posts For 3-Rib Guard Rails <small>(05 58 23 00-0017)</small>		
	Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA 18" Height, Single Rail Post For 3-Rib Guard Rails.....	196.90	29.67
05 58 23 00-0042	EA 42" Height, Double Rail Post For 3-Rib Guard Rails.....	248.68	29.67

05 58 23 00-0043	All-Welded, Protective Guards <small>(05 58 23)</small>		
	Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		

05 58 23 00-0044	All-Welded, Protective Guards <small>(05 58 23 00-0043)</small>		
05 58 23 00-0045	EA 36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	257.28	39.56
05 58 23 00-0046	EA 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	269.70	39.56
05 58 23 00-0047	EA 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	276.91	39.56
05 58 23 00-0048	EA 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	287.59	39.56
05 58 23 00-0049	EA 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	285.11	39.56
05 58 23 00-0050	EA 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	298.28	39.56
05 58 23 00-0051	EA 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	302.00	39.56
05 58 23 00-0052	EA 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	306.23	39.56
05 58 23 00-0053	EA 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....	326.35	39.56

05 58 23 00-0054	Corner Style, All-Welded, Protective Guards <small>(05 58 23 00-0043)</small>		
05 58 23 00-0055	EA 24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	334.31	39.56
05 58 23 00-0056	EA 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	349.21	39.56
05 58 23 00-0057	EA 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	355.43	39.56
05 58 23 00-0058	EA 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....	385.99	39.56

05 58 23 00-0059	Warehouse Safety Bollards <small>(05 58 23)</small>		
	Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA 24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	163.82	29.67
05 58 23 00-0061	EA 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	188.37	29.67
05 58 23 00-0062	EA 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	214.36	29.67
05 58 23 00-0063	EA 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	221.46	29.67
05 58 23 00-0064	EA 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard.....	237.86	29.67

05 59 Metal Specialties (05 50)

05 59 65 Chain (05 59)

05 59 65 00-0001 Alloy Steel Chain, Self Colored, Cut Length (05 59 65)

	Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF 3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	3.80	0.82
	<i>For Plastic Dipped, Add</i>	0.33	
05 59 65 00-0003	LF 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	5.10	1.09
	<i>For Plastic Dipped, Add</i>	0.44	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	8.31	2.17
		<i>For Plastic Dipped, Add</i>	0.59	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	13.41	3.67
		<i>For Plastic Dipped, Add</i>	0.91	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	22.65	6.21
		<i>For Plastic Dipped, Add</i>	1.53	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	31.78	8.71
		<i>For Plastic Dipped, Add</i>	2.15	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	42.84	10.89
		<i>For Plastic Dipped, Add</i>	3.16	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	61.32	14.51
		<i>For Plastic Dipped, Add</i>	4.84	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	98.80	21.78
		<i>For Plastic Dipped, Add</i>	8.29	

05 59 69 Metal Panels (05 59)
05 59 69 00-0001 Woven And Welded Wire Cloth (05 59 69)
 Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.

05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels (05 59 69 00-0001)
05 59 69 00-0003 2" Square Wire Spacing (05 59 69 00-0002)

05 59 69 00-0004	SF	0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels.....	6.73	2.33
		<i>For Up To 2 SF Panel, Add</i>	1.97	
		<i>For >2 To 6 SF Panel, Add</i>	1.14	
		<i>For >15 To 40 SF, Deduct</i>	-0.18	
		<i>For >40 SF, Deduct</i>	-0.54	
		<i>For Galvanized, Add</i>	1.82	
		<i>For Aluminum, Add</i>	2.18	
		<i>For 304 Stainless Steel, Add</i>	8.71	
		<i>For 316 Stainless Steel, Add</i>	9.98	
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels.....	7.22	2.43
		<i>For Up To 2 SF Panel, Add</i>	2.09	
		<i>For >2 To 6 SF Panel, Add</i>	1.21	
		<i>For >15 To 40 SF, Deduct</i>	-0.20	
		<i>For >40 SF, Deduct</i>	-0.60	
		<i>For Galvanized, Add</i>	2.00	
		<i>For Aluminum, Add</i>	2.39	
		<i>For 304 Stainless Steel, Add</i>	9.58	
		<i>For 316 Stainless Steel, Add</i>	10.97	
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels.....	7.70	2.69
		<i>For Up To 2 SF Panel, Add</i>	2.26	
		<i>For >2 To 6 SF Panel, Add</i>	1.31	
		<i>For >15 To 40 SF, Deduct</i>	-0.21	
		<i>For >40 SF, Deduct</i>	-0.62	
		<i>For Galvanized, Add</i>	2.06	
		<i>For Aluminum, Add</i>	2.47	
		<i>For 304 Stainless Steel, Add</i>	9.89	
		<i>For 316 Stainless Steel, Add</i>	11.33	
05 59 69 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels.....	8.10	2.80
		<i>For Up To 2 SF Panel, Add</i>	2.36	
		<i>For >2 To 6 SF Panel, Add</i>	1.37	
		<i>For >15 To 40 SF, Deduct</i>	-0.22	
		<i>For >40 SF, Deduct</i>	-0.66	
		<i>For Galvanized, Add</i>	2.19	
		<i>For Aluminum, Add</i>	2.63	
		<i>For 304 Stainless Steel, Add</i>	10.51	
		<i>For 316 Stainless Steel, Add</i>	12.05	
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels.....	8.89	3.14
		<i>For Up To 2 SF Panel, Add</i>	2.61	
		<i>For >2 To 6 SF Panel, Add</i>	1.52	
		<i>For >15 To 40 SF, Deduct</i>	-0.24	
		<i>For >40 SF, Deduct</i>	-0.71	
		<i>For Galvanized, Add</i>	2.36	
		<i>For Aluminum, Add</i>	2.83	
		<i>For 304 Stainless Steel, Add</i>	11.30	
		<i>For 316 Stainless Steel, Add</i>	12.95	
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels.....	10.19	3.49
		<i>For Up To 2 SF Panel, Add</i>	2.97	
		<i>For >2 To 6 SF Panel, Add</i>	1.72	
		<i>For >15 To 40 SF, Deduct</i>	-0.28	
		<i>For >40 SF, Deduct</i>	-0.83	
		<i>For Galvanized, Add</i>	2.77	
		<i>For Aluminum, Add</i>	3.32	
		<i>For 304 Stainless Steel, Add</i>	13.27	
		<i>For 316 Stainless Steel, Add</i>	15.21	
05 59 69 00-0010	SF	0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels.....	11.52	3.84
		<i>For Up To 2 SF Panel, Add</i>	3.33	
		<i>For >2 To 6 SF Panel, Add</i>	1.92	
		<i>For >15 To 40 SF, Deduct</i>	-0.32	
		<i>For >40 SF, Deduct</i>	-0.96	
		<i>For Galvanized, Add</i>	3.20	
		<i>For Aluminum, Add</i>	3.84	
		<i>For 304 Stainless Steel, Add</i>	15.36	
		<i>For 316 Stainless Steel, Add</i>	17.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0011	SF		0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	13.16	4.27
			<i>For Up To 2 SF Panel, Add</i>	3.77	
			<i>For >2 To 6 SF Panel, Add</i>	2.17	
			<i>For >15 To 40 SF, Deduct</i>	-0.37	
			<i>For >40 SF, Deduct</i>	-1.12	
			<i>For Galvanized, Add</i>	3.74	
			<i>For Aluminum, Add</i>	4.48	
			<i>For 304 Stainless Steel, Add</i>	17.93	
			<i>For 316 Stainless Steel, Add</i>	20.54	
05 59 69 00-0012			1-3/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	7.06	2.47
			<i>For Up To 2 SF Panel, Add</i>	2.07	
			<i>For >2 To 6 SF Panel, Add</i>	1.20	
			<i>For >15 To 40 SF, Deduct</i>	-0.19	
			<i>For >40 SF, Deduct</i>	-0.57	
			<i>For Galvanized, Add</i>	1.89	
			<i>For Aluminum, Add</i>	2.27	
			<i>For 304 Stainless Steel, Add</i>	9.07	
			<i>For 316 Stainless Steel, Add</i>	10.40	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	7.74	2.60
			<i>For Up To 2 SF Panel, Add</i>	2.24	
			<i>For >2 To 6 SF Panel, Add</i>	1.29	
			<i>For >15 To 40 SF, Deduct</i>	-0.21	
			<i>For >40 SF, Deduct</i>	-0.64	
			<i>For Galvanized, Add</i>	2.14	
			<i>For Aluminum, Add</i>	2.57	
			<i>For 304 Stainless Steel, Add</i>	10.27	
			<i>For 316 Stainless Steel, Add</i>	11.77	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	8.36	2.91
			<i>For Up To 2 SF Panel, Add</i>	2.45	
			<i>For >2 To 6 SF Panel, Add</i>	1.42	
			<i>For >15 To 40 SF, Deduct</i>	-0.22	
			<i>For >40 SF, Deduct</i>	-0.67	
			<i>For Galvanized, Add</i>	2.24	
			<i>For Aluminum, Add</i>	2.68	
			<i>For 304 Stainless Steel, Add</i>	10.73	
			<i>For 316 Stainless Steel, Add</i>	12.29	
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	8.72	3.01
			<i>For Up To 2 SF Panel, Add</i>	2.55	
			<i>For >2 To 6 SF Panel, Add</i>	1.47	
			<i>For >15 To 40 SF, Deduct</i>	-0.24	
			<i>For >40 SF, Deduct</i>	-0.71	
			<i>For Galvanized, Add</i>	2.36	
			<i>For Aluminum, Add</i>	2.83	
			<i>For 304 Stainless Steel, Add</i>	11.30	
			<i>For 316 Stainless Steel, Add</i>	12.95	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	9.57	3.37
			<i>For Up To 2 SF Panel, Add</i>	2.81	
			<i>For >2 To 6 SF Panel, Add</i>	1.63	
			<i>For >15 To 40 SF, Deduct</i>	-0.25	
			<i>For >40 SF, Deduct</i>	-0.76	
			<i>For Galvanized, Add</i>	2.54	
			<i>For Aluminum, Add</i>	3.04	
			<i>For 304 Stainless Steel, Add</i>	12.17	
			<i>For 316 Stainless Steel, Add</i>	13.94	
05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	10.97	3.76
			<i>For Up To 2 SF Panel, Add</i>	3.20	
			<i>For >2 To 6 SF Panel, Add</i>	1.85	
			<i>For >15 To 40 SF, Deduct</i>	-0.30	
			<i>For >40 SF, Deduct</i>	-0.89	
			<i>For Galvanized, Add</i>	2.98	
			<i>For Aluminum, Add</i>	3.57	
			<i>For 304 Stainless Steel, Add</i>	14.28	
			<i>For 316 Stainless Steel, Add</i>	16.36	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	12.38	4.13
			<i>For Up To 2 SF Panel, Add</i>	3.58	
			<i>For >2 To 6 SF Panel, Add</i>	2.06	
			<i>For >15 To 40 SF, Deduct</i>	-0.34	
			<i>For >40 SF, Deduct</i>	-1.03	
			<i>For Galvanized, Add</i>	3.44	
			<i>For Aluminum, Add</i>	4.12	
			<i>For 304 Stainless Steel, Add</i>	16.49	
			<i>For 316 Stainless Steel, Add</i>	18.89	
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	14.16	4.59
			<i>For Up To 2 SF Panel, Add</i>	4.06	
			<i>For >2 To 6 SF Panel, Add</i>	2.33	
			<i>For >15 To 40 SF, Deduct</i>	-0.40	
			<i>For >40 SF, Deduct</i>	-1.21	
			<i>For Galvanized, Add</i>	4.02	
			<i>For Aluminum, Add</i>	4.82	
			<i>For 304 Stainless Steel, Add</i>	19.30	
			<i>For 316 Stainless Steel, Add</i>	22.11	
05 59 69 00-0021			1-1/2" Square Wire Spacing <small>(05 59 69 00-0002)</small>		

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	7.83	2.74
			For Up To 2 SF Panel, Add	2.29	
			For >2 To 6 SF Panel, Add	1.33	
			For >15 To 40 SF, Deduct	-0.21	
			For >40 SF, Deduct	-0.63	
			For Galvanized, Add	2.10	
			For Aluminum, Add	2.51	
			For 304 Stainless Steel, Add	10.06	
			For 316 Stainless Steel, Add	11.52	
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	8.56	2.88
			For Up To 2 SF Panel, Add	2.48	
			For >2 To 6 SF Panel, Add	1.43	
			For >15 To 40 SF, Deduct	-0.24	
			For >40 SF, Deduct	-0.71	
			For Galvanized, Add	2.37	
			For Aluminum, Add	2.84	
			For 304 Stainless Steel, Add	11.35	
			For 316 Stainless Steel, Add	13.01	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.14	3.19
			For Up To 2 SF Panel, Add	2.68	
			For >2 To 6 SF Panel, Add	1.55	
			For >15 To 40 SF, Deduct	-0.24	
			For >40 SF, Deduct	-0.73	
			For Galvanized, Add	2.45	
			For Aluminum, Add	2.93	
			For 304 Stainless Steel, Add	11.74	
			For 316 Stainless Steel, Add	13.45	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	9.63	3.32
			For Up To 2 SF Panel, Add	2.81	
			For >2 To 6 SF Panel, Add	1.63	
			For >15 To 40 SF, Deduct	-0.26	
			For >40 SF, Deduct	-0.78	
			For Galvanized, Add	2.60	
			For Aluminum, Add	3.12	
			For 304 Stainless Steel, Add	12.48	
			For 316 Stainless Steel, Add	14.30	
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.52	3.71
			For Up To 2 SF Panel, Add	3.09	
			For >2 To 6 SF Panel, Add	1.79	
			For >15 To 40 SF, Deduct	-0.28	
			For >40 SF, Deduct	-0.84	
			For Galvanized, Add	2.79	
			For Aluminum, Add	3.34	
			For 304 Stainless Steel, Add	13.37	
			For 316 Stainless Steel, Add	15.32	
05 59 69 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	11.98	4.11
			For Up To 2 SF Panel, Add	3.49	
			For >2 To 6 SF Panel, Add	2.02	
			For >15 To 40 SF, Deduct	-0.33	
			For >40 SF, Deduct	-0.98	
			For Galvanized, Add	3.25	
			For Aluminum, Add	3.90	
			For 304 Stainless Steel, Add	15.60	
			For 316 Stainless Steel, Add	17.88	
05 59 69 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	13.54	4.52
			For Up To 2 SF Panel, Add	3.91	
			For >2 To 6 SF Panel, Add	2.26	
			For >15 To 40 SF, Deduct	-0.38	
			For >40 SF, Deduct	-1.13	
			For Galvanized, Add	3.76	
			For Aluminum, Add	4.51	
			For 304 Stainless Steel, Add	18.05	
			For 316 Stainless Steel, Add	20.68	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	15.44	5.01
			For Up To 2 SF Panel, Add	4.42	
			For >2 To 6 SF Panel, Add	2.54	
			For >15 To 40 SF, Deduct	-0.44	
			For >40 SF, Deduct	-1.32	
			For Galvanized, Add	4.39	
			For Aluminum, Add	5.26	
			For 304 Stainless Steel, Add	21.05	
			For 316 Stainless Steel, Add	24.12	
05 59 69 00-0030			1-1/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0031	SF		0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	8.05	2.95
			For Up To 2 SF Panel, Add	2.40	
			For >2 To 6 SF Panel, Add	1.40	
			For >15 To 40 SF, Deduct	-0.21	
			For >40 SF, Deduct	-0.62	
			For Galvanized, Add	2.05	
			For Aluminum, Add	2.46	
			For 304 Stainless Steel, Add	9.84	
			For 316 Stainless Steel, Add	11.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	8.68	3.10
			For Up To 2 SF Panel, Add	2.56	
			For >2 To 6 SF Panel, Add	1.49	
			For >15 To 40 SF, Deduct	-0.23	
			For >40 SF, Deduct	-0.68	
			For Galvanized, Add	2.27	
			For Aluminum, Add	2.72	
			For 304 Stainless Steel, Add	10.90	
			For 316 Stainless Steel, Add	12.49	
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	9.39	3.23
			For Up To 2 SF Panel, Add	2.74	
			For >2 To 6 SF Panel, Add	1.59	
			For >15 To 40 SF, Deduct	-0.25	
			For >40 SF, Deduct	-0.76	
			For Galvanized, Add	2.54	
			For Aluminum, Add	3.05	
			For 304 Stainless Steel, Add	12.19	
			For 316 Stainless Steel, Add	13.97	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	9.67	3.29
			For Up To 2 SF Panel, Add	2.81	
			For >2 To 6 SF Panel, Add	1.63	
			For >15 To 40 SF, Deduct	-0.26	
			For >40 SF, Deduct	-0.79	
			For Galvanized, Add	2.64	
			For Aluminum, Add	3.17	
			For 304 Stainless Steel, Add	12.67	
			For 316 Stainless Steel, Add	14.52	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	10.51	3.72
			For Up To 2 SF Panel, Add	3.09	
			For >2 To 6 SF Panel, Add	1.79	
			For >15 To 40 SF, Deduct	-0.28	
			For >40 SF, Deduct	-0.83	
			For Galvanized, Add	2.78	
			For Aluminum, Add	3.34	
			For 304 Stainless Steel, Add	13.34	
			For 316 Stainless Steel, Add	15.29	
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	11.86	4.18
			For Up To 2 SF Panel, Add	3.49	
			For >2 To 6 SF Panel, Add	2.02	
			For >15 To 40 SF, Deduct	-0.31	
			For >40 SF, Deduct	-0.94	
			For Galvanized, Add	3.14	
			For Aluminum, Add	3.77	
			For 304 Stainless Steel, Add	15.07	
			For 316 Stainless Steel, Add	17.27	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	13.44	4.62
			For Up To 2 SF Panel, Add	3.92	
			For >2 To 6 SF Panel, Add	2.27	
			For >15 To 40 SF, Deduct	-0.36	
			For >40 SF, Deduct	-1.09	
			For Galvanized, Add	3.65	
			For Aluminum, Add	4.37	
			For 304 Stainless Steel, Add	17.50	
			For 316 Stainless Steel, Add	20.05	
05 59 69 00-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	15.12	5.04
			For Up To 2 SF Panel, Add	4.37	
			For >2 To 6 SF Panel, Add	2.52	
			For >15 To 40 SF, Deduct	-0.42	
			For >40 SF, Deduct	-1.26	
			For Galvanized, Add	4.20	
			For Aluminum, Add	5.04	
			For 304 Stainless Steel, Add	20.16	
			For 316 Stainless Steel, Add	23.10	
05 59 69 00-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	17.28	5.60
			For Up To 2 SF Panel, Add	4.95	
			For >2 To 6 SF Panel, Add	2.85	
			For >15 To 40 SF, Deduct	-0.49	
			For >40 SF, Deduct	-1.47	
			For Galvanized, Add	4.91	
			For Aluminum, Add	5.89	
			For 304 Stainless Steel, Add	23.54	
			For 316 Stainless Steel, Add	26.98	
05 59 69 00-0040			1" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	9.21	3.46
			For Up To 2 SF Panel, Add	2.77	
			For >2 To 6 SF Panel, Add	1.61	
			For >15 To 40 SF, Deduct	-0.23	
			For >40 SF, Deduct	-0.69	
			For Galvanized, Add	2.30	
			For Aluminum, Add	2.75	
			For 304 Stainless Steel, Add	11.02	
			For 316 Stainless Steel, Add	12.62	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0042	SF	0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	9.85	3.60
		For Up To 2 SF Panel, Add	2.93	
		For >2 To 6 SF Panel, Add	1.71	
		For >15 To 40 SF, Deduct	-0.25	
		For >40 SF, Deduct	-0.76	
		For Galvanized, Add	2.52	
		For Aluminum, Add	3.02	
		For 304 Stainless Steel, Add	12.10	
		For 316 Stainless Steel, Add	13.86	
05 59 69 00-0043	SF	0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels.....	10.25	3.76
		For Up To 2 SF Panel, Add	3.05	
		For >2 To 6 SF Panel, Add	1.78	
		For >15 To 40 SF, Deduct	-0.26	
		For >40 SF, Deduct	-0.78	
		For Galvanized, Add	2.62	
		For Aluminum, Add	3.14	
		For 304 Stainless Steel, Add	12.55	
		For 316 Stainless Steel, Add	14.38	
05 59 69 00-0044	SF	0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels.....	10.94	3.81
		For Up To 2 SF Panel, Add	3.21	
		For >2 To 6 SF Panel, Add	1.86	
		For >15 To 40 SF, Deduct	-0.29	
		For >40 SF, Deduct	-0.88	
		For Galvanized, Add	2.93	
		For Aluminum, Add	3.51	
		For 304 Stainless Steel, Add	14.04	
		For 316 Stainless Steel, Add	16.09	
05 59 69 00-0045	SF	0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels.....	12.18	4.31
		For Up To 2 SF Panel, Add	3.58	
		For >2 To 6 SF Panel, Add	2.08	
		For >15 To 40 SF, Deduct	-0.32	
		For >40 SF, Deduct	-0.97	
		For Galvanized, Add	3.22	
		For Aluminum, Add	3.86	
		For 304 Stainless Steel, Add	15.46	
		For 316 Stainless Steel, Add	17.71	
05 59 69 00-0046	SF	0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels.....	13.67	4.82
		For Up To 2 SF Panel, Add	4.02	
		For >2 To 6 SF Panel, Add	2.33	
		For >15 To 40 SF, Deduct	-0.36	
		For >40 SF, Deduct	-1.09	
		For Galvanized, Add	3.62	
		For Aluminum, Add	4.34	
		For 304 Stainless Steel, Add	17.38	
		For 316 Stainless Steel, Add	19.91	
05 59 69 00-0047	SF	0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels.....	15.60	5.34
		For Up To 2 SF Panel, Add	4.55	
		For >2 To 6 SF Panel, Add	2.63	
		For >15 To 40 SF, Deduct	-0.42	
		For >40 SF, Deduct	-1.27	
		For Galvanized, Add	4.23	
		For Aluminum, Add	5.08	
		For 304 Stainless Steel, Add	20.30	
		For 316 Stainless Steel, Add	23.27	
05 59 69 00-0048	SF	0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels.....	17.51	5.85
		For Up To 2 SF Panel, Add	5.06	
		For >2 To 6 SF Panel, Add	2.92	
		For >15 To 40 SF, Deduct	-0.49	
		For >40 SF, Deduct	-1.46	
		For Galvanized, Add	4.86	
		For Aluminum, Add	5.83	
		For 304 Stainless Steel, Add	23.33	
		For 316 Stainless Steel, Add	26.73	
05 59 69 00-0049	SF	0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels.....	19.94	6.46
		For Up To 2 SF Panel, Add	5.71	
		For >2 To 6 SF Panel, Add	3.29	
		For >15 To 40 SF, Deduct	-0.57	
		For >40 SF, Deduct	-1.70	
		For Galvanized, Add	5.66	
		For Aluminum, Add	6.79	
		For 304 Stainless Steel, Add	27.17	
		For 316 Stainless Steel, Add	31.13	
05 59 69 00-0050		3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0051	SF	0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels.....	9.31	3.46
		For Up To 2 SF Panel, Add	2.78	
		For >2 To 6 SF Panel, Add	1.62	
		For >15 To 40 SF, Deduct	-0.24	
		For >40 SF, Deduct	-0.71	
		For Galvanized, Add	2.35	
		For Aluminum, Add	2.82	
		For 304 Stainless Steel, Add	11.28	
		For 316 Stainless Steel, Add	12.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0052	SF		0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	10.39	3.88
			For Up To 2 SF Panel, Add	3.11	
			For >2 To 6 SF Panel, Add	1.81	
			For >15 To 40 SF, Deduct	-0.26	
			For >40 SF, Deduct	-0.78	
			For Galvanized, Add	2.62	
			For Aluminum, Add	3.14	
			For 304 Stainless Steel, Add	12.55	
			For 316 Stainless Steel, Add	14.38	
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	11.53	4.38
			For Up To 2 SF Panel, Add	3.47	
			For >2 To 6 SF Panel, Add	2.03	
			For >15 To 40 SF, Deduct	-0.28	
			For >40 SF, Deduct	-0.85	
			For Galvanized, Add	2.85	
			For Aluminum, Add	3.41	
			For 304 Stainless Steel, Add	13.66	
			For 316 Stainless Steel, Add	15.65	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	12.45	4.67
			For Up To 2 SF Panel, Add	3.74	
			For >2 To 6 SF Panel, Add	2.18	
			For >15 To 40 SF, Deduct	-0.31	
			For >40 SF, Deduct	-0.93	
			For Galvanized, Add	3.11	
			For Aluminum, Add	3.73	
			For 304 Stainless Steel, Add	14.93	
			For 316 Stainless Steel, Add	17.11	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	14.37	5.25
			For Up To 2 SF Panel, Add	4.28	
			For >2 To 6 SF Panel, Add	2.49	
			For >15 To 40 SF, Deduct	-0.37	
			For >40 SF, Deduct	-1.10	
			For Galvanized, Add	3.68	
			For Aluminum, Add	4.42	
			For 304 Stainless Steel, Add	17.66	
			For 316 Stainless Steel, Add	20.24	
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	16.49	5.87
			For Up To 2 SF Panel, Add	4.86	
			For >2 To 6 SF Panel, Add	2.82	
			For >15 To 40 SF, Deduct	-0.43	
			For >40 SF, Deduct	-1.30	
			For Galvanized, Add	4.33	
			For Aluminum, Add	5.20	
			For 304 Stainless Steel, Add	20.78	
			For 316 Stainless Steel, Add	23.82	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	18.74	6.49
			For Up To 2 SF Panel, Add	5.48	
			For >2 To 6 SF Panel, Add	3.17	
			For >15 To 40 SF, Deduct	-0.50	
			For >40 SF, Deduct	-1.51	
			For Galvanized, Add	5.04	
			For Aluminum, Add	6.05	
			For 304 Stainless Steel, Add	24.19	
			For 316 Stainless Steel, Add	27.72	
05 59 69 00-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	20.95	7.06
			For Up To 2 SF Panel, Add	6.07	
			For >2 To 6 SF Panel, Add	3.51	
			For >15 To 40 SF, Deduct	-0.58	
			For >40 SF, Deduct	-1.73	
			For Galvanized, Add	5.77	
			For Aluminum, Add	6.92	
			For 304 Stainless Steel, Add	27.70	
			For 316 Stainless Steel, Add	31.74	
05 59 69 00-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	23.83	7.80
			For Up To 2 SF Panel, Add	6.85	
			For >2 To 6 SF Panel, Add	3.94	
			For >15 To 40 SF, Deduct	-0.67	
			For >40 SF, Deduct	-2.01	
			For Galvanized, Add	6.72	
			For Aluminum, Add	8.06	
			For 304 Stainless Steel, Add	32.23	
			For 316 Stainless Steel, Add	36.93	
05 59 69 00-0060			1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	9.74	3.70
			For Up To 2 SF Panel, Add	2.93	
			For >2 To 6 SF Panel, Add	1.71	
			For >15 To 40 SF, Deduct	-0.24	
			For >40 SF, Deduct	-0.72	
			For Galvanized, Add	2.41	
			For Aluminum, Add	2.89	
			For 304 Stainless Steel, Add	11.54	
			For 316 Stainless Steel, Add	13.23	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 59 69 00-0062	SF	0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels.....	11.43	4.50
		For Up To 2 SF Panel, Add	3.49	
		For >2 To 6 SF Panel, Add	2.04	
		For >15 To 40 SF, Deduct	-0.27	
		For >40 SF, Deduct	-0.81	
		For Galvanized, Add	2.72	
		For Aluminum, Add	3.26	
		For 304 Stainless Steel, Add	13.03	
		For 316 Stainless Steel, Add	14.93	
05 59 69 00-0063	SF	0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels.....	13.79	5.32
		For Up To 2 SF Panel, Add	4.18	
		For >2 To 6 SF Panel, Add	2.44	
		For >15 To 40 SF, Deduct	-0.34	
		For >40 SF, Deduct	-1.01	
		For Galvanized, Add	3.35	
		For Aluminum, Add	4.02	
		For 304 Stainless Steel, Add	16.08	
		For 316 Stainless Steel, Add	18.43	
05 59 69 00-0064	SF	0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels.....	15.87	5.97
		For Up To 2 SF Panel, Add	4.77	
		For >2 To 6 SF Panel, Add	2.78	
		For >15 To 40 SF, Deduct	-0.40	
		For >40 SF, Deduct	-1.19	
		For Galvanized, Add	3.96	
		For Aluminum, Add	4.75	
		For 304 Stainless Steel, Add	18.98	
		For 316 Stainless Steel, Add	21.75	
05 59 69 00-0065	SF	0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels.....	18.19	6.66
		For Up To 2 SF Panel, Add	5.42	
		For >2 To 6 SF Panel, Add	3.15	
		For >15 To 40 SF, Deduct	-0.47	
		For >40 SF, Deduct	-1.40	
		For Galvanized, Add	4.65	
		For Aluminum, Add	5.58	
		For 304 Stainless Steel, Add	22.32	
		For 316 Stainless Steel, Add	25.58	
05 59 69 00-0066	SF	0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels.....	20.81	7.42
		For Up To 2 SF Panel, Add	6.14	
		For >2 To 6 SF Panel, Add	3.57	
		For >15 To 40 SF, Deduct	-0.55	
		For >40 SF, Deduct	-1.64	
		For Galvanized, Add	5.46	
		For Aluminum, Add	6.55	
		For 304 Stainless Steel, Add	26.18	
		For 316 Stainless Steel, Add	30.00	
05 59 69 00-0067	SF	0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels.....	23.50	8.16
		For Up To 2 SF Panel, Add	6.88	
		For >2 To 6 SF Panel, Add	3.98	
		For >15 To 40 SF, Deduct	-0.63	
		For >40 SF, Deduct	-1.89	
		For Galvanized, Add	6.31	
		For Aluminum, Add	7.57	
		For 304 Stainless Steel, Add	30.29	
		For 316 Stainless Steel, Add	34.71	
05 59 69 00-0068	SF	0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels.....	26.20	8.85
		For Up To 2 SF Panel, Add	7.60	
		For >2 To 6 SF Panel, Add	4.39	
		For >15 To 40 SF, Deduct	-0.72	
		For >40 SF, Deduct	-2.16	
		For Galvanized, Add	7.20	
		For Aluminum, Add	8.64	
		For 304 Stainless Steel, Add	34.56	
		For 316 Stainless Steel, Add	39.60	
05 59 69 00-0069	SF	0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels.....	27.38	9.74
		For Up To 2 SF Panel, Add	8.07	
		For >2 To 6 SF Panel, Add	4.69	
		For >15 To 40 SF, Deduct	-0.72	
		For >40 SF, Deduct	-2.16	
		For Galvanized, Add	7.20	
		For Aluminum, Add	8.64	
		For 304 Stainless Steel, Add	34.56	
		For 316 Stainless Steel, Add	39.60	
05 59 69 00-0070	Expanded Metal Panels <small>(05 59 69)</small>			
	Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.			
05 59 69 00-0071	Plain Flattened Expanded Metal Diamond Shape Panels <small>(05 59 69 00-0070)</small>			
	Note: Excludes frame and fastening to frame. See CSI section 05 12 23 00-0129 for spot welding.			
05 59 69 00-0072	SF	1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	8.40	3.19
		For Galvanized, Add	2.08	
		For Aluminum, Add	2.49	
		For 304 Stainless Steel, Add	9.96	
		For 316 Stainless Steel, Add	11.41	
05 59 69 00-0073	SF	1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	10.52	3.49
		For Galvanized, Add	2.93	
		For Aluminum, Add	3.52	
		For 304 Stainless Steel, Add	14.06	
		For 316 Stainless Steel, Add	16.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0074	SF	1/2"	#20-F Plain Expanded Metal Panel, 0.40 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	6.06 1.39 1.67 6.67 7.65	2.47
05 59 69 00-0075	SF	1/2"	#18-F Plain Expanded Metal Panel, 0.66 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	6.63 1.53 1.83 7.32 8.39	2.69
05 59 69 00-0076	SF	1/2"	#16-F Plain Expanded Metal Panel, 0.82 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	7.51 1.63 1.96 7.82 8.97	3.19
05 59 69 00-0077	SF	1/2"	#13-F Plain Expanded Metal Panel, 1.4 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	9.62 2.07 2.48 9.94 11.39	4.11
05 59 69 00-0078	SF	3/4"	#16-F Plain Expanded Metal Panel, 0.51 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	5.31 1.04 1.25 4.99 5.72	2.43
05 59 69 00-0079	SF	3/4"	#14-F Plain Expanded Metal Panel, 0.63 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	5.94 1.24 1.49 5.95 6.82	2.60
05 59 69 00-0080	SF	3/4"	#13-F Plain Expanded Metal Panel, 0.75 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	6.78 1.45 1.73 6.94 7.95	2.91
05 59 69 00-0081	SF	3/4"	#9-F Plain Expanded Metal Panel, 1.71 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	10.71 2.14 2.57 10.27 11.77	4.82
05 59 69 00-0082	SF	1"	#16-F Plain Expanded Metal Panel, 0.41 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	5.96 1.01 1.21 4.82 5.53	2.95
05 59 69 00-0083	SF	1-1/2"	#16-F Plain Expanded Metal Panel, 0.38 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	5.12 1.01 1.21 4.85 5.56	2.33
05 59 69 00-0084	SF	1-1/2"	#13-F Plain Expanded Metal Panel, 0.57 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	5.92 1.14 1.37 5.47 6.27	2.74
05 59 69 00-0085	SF	1-1/2"	#9-F Plain Expanded Metal Panel, 1.14 LB/SF <i>For Galvanized, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	9.13 2.10 2.52 10.08 11.55	3.70

05 70 Decorative Metal (05)

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs (05 70)

05 71 13 Fabricated Metal Spiral Stairs (05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units (05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread (05 71 13 00-0001)

05 71 13 00-0003	VLF	3'-6"	Diameter, Spiral Steel Stair With Rails <i>For Galvanized, Add</i>	258.90 122.47	41.98
05 71 13 00-0004	VLF	4'	Diameter, Spiral Steel Stair With Rails <i>For Galvanized, Add</i>	293.75 140.98	46.18
05 71 13 00-0005	VLF	4'-6"	Diameter, Spiral Steel Stair With Rails <i>For Galvanized, Add</i>	324.51 156.64	50.37
05 71 13 00-0006	VLF	5'	Diameter, Spiral Steel Stair With Rails <i>For Galvanized, Add</i>	348.17 167.32	54.57

05 73 Decorative Metal Railings (05 70)

Note: Factory primed. Includes brackets.

05 73 00 00-0001 Railings; Vertical Square Bars At 6" (05 73)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

05 Metals**05 70 Decorative Metal****05 73 Decorative Metal Railings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 73 00 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	63.46	9.24
		<i>For Rake Or Angle Railings, Add</i>	8.43	
		<i>For Curved Railings, Add</i>	17.92	
		<i>For 4" On Center Standards, Add</i>	1.97	
		<i>For 4-1/2" On Center Standards, Add</i>	1.58	
		<i>For 5" On Center Standards, Add</i>	1.05	
		<i>For 5-1/2" On Center Standards, Add</i>	0.53	
		<i>For Each Field Bending Of Rails, Add</i>	11.80	
		<i>For Galvanized, Add</i>	3.68	
05 73 00 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High.....	80.25	12.60
		<i>For Rake Or Angle Railings, Add</i>	11.13	
		<i>For Curved Railings, Add</i>	21.34	
		<i>For 4" On Center Standards, Add</i>	2.18	
		<i>For 4-1/2" On Center Standards, Add</i>	1.74	
		<i>For 5" On Center Standards, Add</i>	1.16	
		<i>For 5-1/2" On Center Standards, Add</i>	0.58	
		<i>For Each Field Bending Of Rails, Add</i>	15.29	
05 73 00 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	191.27	20.99
		<i>For Rake Or Angle Railings, Add</i>	21.05	
		<i>For Curved Railings, Add</i>	66.26	
		<i>For 4" On Center Standards, Add</i>	8.80	
		<i>For 4-1/2" On Center Standards, Add</i>	7.04	
		<i>For 5" On Center Standards, Add</i>	4.70	
		<i>For 5-1/2" On Center Standards, Add</i>	2.35	
		<i>For Each Field Bending Of Rails, Add</i>	20.97	
05 73 00 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	206.02	16.79
		<i>For Rake Or Angle Railings, Add</i>	21.37	
		<i>For Curved Railings, Add</i>	75.01	
		<i>For 4" On Center Standards, Add</i>	10.34	
		<i>For 4-1/2" On Center Standards, Add</i>	8.27	
		<i>For 5" On Center Standards, Add</i>	5.51	
		<i>For 5-1/2" On Center Standards, Add</i>	2.76	
		<i>For Each Field Bending Of Rails, Add</i>	19.55	
05 73 00 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	143.56	25.61
		<i>For Rake Or Angle Railings, Add</i>	15.31	
		<i>For Curved Railings, Add</i>	51.09	
		<i>For 4" On Center Standards, Add</i>	6.93	
		<i>For 4-1/2" On Center Standards, Add</i>	5.54	
		<i>For 5" On Center Standards, Add</i>	3.69	
		<i>For 5-1/2" On Center Standards, Add</i>	1.85	
		<i>For Each Field Bending Of Rails, Add</i>	15.30	
05 73 00 00-0007		Laminated Metal Or Wood Handrails With Metal Supports <small>(05 73)</small>		
05 73 00 00-0008	LF	2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	169.80	4.20
		<i>For Rake Or Angle Railings, Add</i>	12.91	
		<i>For Curved Railings, Add</i>	75.03	
		<i>For 4" On Center Standards, Add</i>	11.62	
		<i>For 4-1/2" On Center Standards, Add</i>	9.29	
		<i>For 5" On Center Standards, Add</i>	6.20	
		<i>For 5-1/2" On Center Standards, Add</i>	3.10	
		<i>For Each Field Bending Of Rails, Add</i>	6.23	
05 73 00 00-0009		Plain Handrails <small>(05 73)</small>		
05 73 00 00-0010	LF	2" Brass Handrail	34.26	9.25
05 73 00 00-0011	EA	90 Degree Angle For 2" Brass Handrail	83.35	33.31
05 73 00 00-0012	EA	End Cap For 2" Brass Handrail	39.48	16.70
05 73 00 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	63.94	33.31
05 73 00 00-0014	LF	2" Stainless Steel Handrail.....	61.85	16.80
05 73 00 00-0015		Restoration Of Existing Metal Handrail And Railing <small>(05 73)</small>		
		Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0366 for painting.		
05 73 00 00-0016	LF	Refinish Metal Handrail.....	8.39	
05 73 00 00-0017	LF	Refinish Wrought Iron Balustrade	8.35	
05 73 00 00-0018		Remove/Reinstall Ornamental Railing <small>(05 73)</small>		
05 73 00 00-0019	LF	Remove And Reinstall Ornamental Handrail And Pickets.....	77.24	
05 75		Decorative Formed Metal <small>(05 70)</small>		
05 75 00 00-0001		Metal Sheets, Installed On Walls <small>(05 75)</small>		
		Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.		
05 75 00 00-0002		Copper Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
		Note: Includes field fabrication.		
05 75 00 00-0003	SF	0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	15.35	1.65
		<i>For >16 To 200 SF, Deduct</i>	-0.93	
		<i>For >200 To 500 SF, Deduct</i>	-1.87	
		<i>For >500 SF, Deduct</i>	-2.64	
05 75 00 00-0004	SF	0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	18.67	1.85
		<i>For >16 To 200 SF, Deduct</i>	-1.12	
		<i>For >200 To 500 SF, Deduct</i>	-2.24	
		<i>For >500 SF, Deduct</i>	-3.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0005 SF 0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	20.37	1.99
<i>For >16 To 200 SF, Deduct</i>	-1.22	
<i>For >200 To 500 SF, Deduct</i>	-2.44	
<i>For >500 SF, Deduct</i>	-3.45	
05 75 00 00-0006 SF 0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	21.86	2.09
<i>For >16 To 200 SF, Deduct</i>	-1.30	
<i>For >200 To 500 SF, Deduct</i>	-2.60	
<i>For >500 SF, Deduct</i>	-3.70	
05 75 00 00-0007 SF 0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	24.51	2.19
<i>For >16 To 200 SF, Deduct</i>	-1.44	
<i>For >200 To 500 SF, Deduct</i>	-2.89	
<i>For >500 SF, Deduct</i>	-4.12	
05 75 00 00-0008 SF 0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	30.01	2.29
<i>For >16 To 200 SF, Deduct</i>	-1.73	
<i>For >200 To 500 SF, Deduct</i>	-3.46	
<i>For >500 SF, Deduct</i>	-4.96	
05 75 00 00-0009 SF 0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	34.51	2.40
<i>For >16 To 200 SF, Deduct</i>	-1.96	
<i>For >200 To 500 SF, Deduct</i>	-3.93	
<i>For >500 SF, Deduct</i>	-5.66	
05 75 00 00-0010 SF 0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	41.13	2.59
<i>For >16 To 200 SF, Deduct</i>	-2.32	
<i>For >200 To 500 SF, Deduct</i>	-4.63	
<i>For >500 SF, Deduct</i>	-6.69	
05 75 00 00-0011 SF 0.08" Thick Copper Sheet, Installed On Walls	49.66	2.79
<i>For >16 To 200 SF, Deduct</i>	-2.76	
<i>For >200 To 500 SF, Deduct</i>	-5.52	
<i>For >500 SF, Deduct</i>	-8.01	
05 75 00 00-0012 SF 0.125" Thick Copper Sheet, Installed On Walls	70.53	2.99
<i>For >16 To 200 SF, Deduct</i>	-3.83	
<i>For >200 To 500 SF, Deduct</i>	-7.65	
<i>For >500 SF, Deduct</i>	-11.18	
05 75 00 00-0013 Stainless Steel Sheets, Installed On Walls (05 75 00 00-0001)		
Note: Includes field fabrication.		
05 75 00 00-0014 SF 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.08	2.83
<i>For 316 Stainless Steel, Add</i>	1.43	
<i>For >16 To 200 SF, Deduct</i>	-1.09	
<i>For >200 To 500 SF, Deduct</i>	-2.17	
<i>For >500 SF, Deduct</i>	-2.98	
05 75 00 00-0015 SF 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.80	3.05
<i>For 316 Stainless Steel, Add</i>	1.68	
<i>For >16 To 200 SF, Deduct</i>	-1.20	
<i>For >200 To 500 SF, Deduct</i>	-2.39	
<i>For >500 SF, Deduct</i>	-3.28	
05 75 00 00-0016 SF 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	19.34	3.27
<i>For 316 Stainless Steel, Add</i>	1.88	
<i>For >16 To 200 SF, Deduct</i>	-1.29	
<i>For >200 To 500 SF, Deduct</i>	-2.59	
<i>For >500 SF, Deduct</i>	-3.55	
05 75 00 00-0017 SF 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	22.78	3.70
<i>For 316 Stainless Steel, Add</i>	2.39	
<i>For >16 To 200 SF, Deduct</i>	-1.51	
<i>For >200 To 500 SF, Deduct</i>	-3.02	
<i>For >500 SF, Deduct</i>	-4.16	
05 75 00 00-0018 SF 0.0625" Thick (16 gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	26.17	4.14
<i>For 316 Stainless Steel, Add</i>	2.89	
<i>For >16 To 200 SF, Deduct</i>	-1.72	
<i>For >200 To 500 SF, Deduct</i>	-3.44	
<i>For >500 SF, Deduct</i>	-4.75	
05 75 00 00-0019 SF 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	30.91	4.79
<i>For 316 Stainless Steel, Add</i>	3.53	
<i>For >16 To 200 SF, Deduct</i>	-2.02	
<i>For >200 To 500 SF, Deduct</i>	-4.05	
<i>For >500 SF, Deduct</i>	-5.59	
05 75 00 00-0020 SF 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	39.36	5.22
<i>For 316 Stainless Steel, Add</i>	5.54	
<i>For >16 To 200 SF, Deduct</i>	-2.49	
<i>For >200 To 500 SF, Deduct</i>	-4.98	
<i>For >500 SF, Deduct</i>	-6.95	
05 75 00 00-0021 SF 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	49.54	5.67
<i>For 316 Stainless Steel, Add</i>	8.07	
<i>For >16 To 200 SF, Deduct</i>	-3.04	
<i>For >200 To 500 SF, Deduct</i>	-6.09	
<i>For >500 SF, Deduct</i>	-8.56	
05 75 00 00-0022 SF 1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	62.33	6.10
<i>For 316 Stainless Steel, Add</i>	11.38	
<i>For >16 To 200 SF, Deduct</i>	-3.73	
<i>For >200 To 500 SF, Deduct</i>	-7.45	
<i>For >500 SF, Deduct</i>	-10.57	
05 75 00 00-0023 SF 3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	94.69	6.53
<i>For 316 Stainless Steel, Add</i>	20.57	
<i>For >16 To 200 SF, Deduct</i>	-5.39	
<i>For >200 To 500 SF, Deduct</i>	-10.78	
<i>For >500 SF, Deduct</i>	-15.51	
05 75 00 00-0024 SF 1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	119.24	7.62
<i>For 316 Stainless Steel, Add</i>	26.63	
<i>For >16 To 200 SF, Deduct</i>	-6.72	
<i>For >200 To 500 SF, Deduct</i>	-13.45	
<i>For >500 SF, Deduct</i>	-19.41	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 75 00 00-0025		Aluminum Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
Note: Includes field fabrication.				
05 75 00 00-0026	SF	0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls	8.76	1.65
		For >16 To 200 SF, Deduct	-0.60	
		For >200 To 500 SF, Deduct	-1.21	
		For >500 SF, Deduct	-1.65	
05 75 00 00-0027	SF	0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	9.87	1.85
		For >16 To 200 SF, Deduct	-0.68	
		For >200 To 500 SF, Deduct	-1.36	
		For >500 SF, Deduct	-1.85	
05 75 00 00-0028	SF	0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	10.89	1.99
		For >16 To 200 SF, Deduct	-0.74	
		For >200 To 500 SF, Deduct	-1.49	
		For >500 SF, Deduct	-2.03	
05 75 00 00-0029	SF	0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	11.86	2.09
		For >16 To 200 SF, Deduct	-0.80	
		For >200 To 500 SF, Deduct	-1.60	
		For >500 SF, Deduct	-2.20	
05 75 00 00-0030	SF	0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	12.83	2.19
		For >16 To 200 SF, Deduct	-0.86	
		For >200 To 500 SF, Deduct	-1.72	
		For >500 SF, Deduct	-2.36	
05 75 00 00-0031	SF	0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	13.88	2.29
		For >16 To 200 SF, Deduct	-0.92	
		For >200 To 500 SF, Deduct	-1.85	
		For >500 SF, Deduct	-2.54	
05 75 00 00-0032	SF	0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	15.12	2.40
		For >16 To 200 SF, Deduct	-1.00	
		For >200 To 500 SF, Deduct	-1.99	
		For >500 SF, Deduct	-2.75	
05 75 00 00-0033	SF	0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	17.88	2.79
		For >16 To 200 SF, Deduct	-1.17	
		For >200 To 500 SF, Deduct	-2.35	
		For >500 SF, Deduct	-3.24	
05 75 00 00-0034		Galvanized Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
Note: Includes field fabrication.				
05 75 00 00-0035	SF	0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	9.75	1.90
		For >16 To 200 SF, Deduct	-0.68	
		For >200 To 500 SF, Deduct	-1.35	
		For >500 SF, Deduct	-1.84	
05 75 00 00-0036	SF	0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.37	1.99
		For >16 To 200 SF, Deduct	-0.72	
		For >200 To 500 SF, Deduct	-1.44	
		For >500 SF, Deduct	-1.95	
05 75 00 00-0037	SF	0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.81	2.09
		For >16 To 200 SF, Deduct	-0.75	
		For >200 To 500 SF, Deduct	-1.50	
		For >500 SF, Deduct	-2.04	
05 75 00 00-0038	SF	0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.44	2.19
		For >16 To 200 SF, Deduct	-0.79	
		For >200 To 500 SF, Deduct	-1.58	
		For >500 SF, Deduct	-2.15	
05 75 00 00-0039	SF	0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.24	2.29
		For >16 To 200 SF, Deduct	-0.84	
		For >200 To 500 SF, Deduct	-1.68	
		For >500 SF, Deduct	-2.30	
05 75 00 00-0040	SF	0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.07	2.40
		For >16 To 200 SF, Deduct	-0.89	
		For >200 To 500 SF, Deduct	-1.79	
		For >500 SF, Deduct	-2.44	
05 75 00 00-0041	SF	0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.77	2.59
		For >16 To 200 SF, Deduct	-1.00	
		For >200 To 500 SF, Deduct	-2.00	
		For >500 SF, Deduct	-2.73	
05 75 00 00-0042	SF	0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	16.67	2.79
		For >16 To 200 SF, Deduct	-1.11	
		For >200 To 500 SF, Deduct	-2.23	
		For >500 SF, Deduct	-3.06	
05 75 00 00-0043	SF	0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	18.32	2.99
		For >16 To 200 SF, Deduct	-1.22	
		For >200 To 500 SF, Deduct	-2.43	
		For >500 SF, Deduct	-3.35	
05 75 00 00-0044		Galvanized Zinc-Plated Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
Note: Includes field fabrication.				
05 75 00 00-0045	SF	0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	7.78	1.47
		For >16 To 200 SF, Deduct	-0.54	
		For >200 To 500 SF, Deduct	-1.07	
		For >500 SF, Deduct	-1.46	
05 75 00 00-0046	SF	0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	8.95	1.65
		For >16 To 200 SF, Deduct	-0.61	
		For >200 To 500 SF, Deduct	-1.23	
		For >500 SF, Deduct	-1.68	

Metals	05	05
Decorative Metal	05 70	
Decorative Formed Metal	05 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	10.10	1.85
<i>For >16 To 200 SF, Deduct</i>	-0.69	
<i>For >200 To 500 SF, Deduct</i>	-1.38	
<i>For >500 SF, Deduct</i>	-1.88	
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	11.09	1.99
<i>For >16 To 200 SF, Deduct</i>	-0.75	
<i>For >200 To 500 SF, Deduct</i>	-1.51	
<i>For >500 SF, Deduct</i>	-2.06	

END OF SECTION 05

05 Metals

05 70 Decorative Metal

05 75 Decorative Formed Metal

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites (06)

06 01 20 Maintenance of Finish Carpentry (06 01)

06 01 20 91 Finish Carpentry Restoration (06 01 20)

06 01 20 91-0001 Wood Trim Repair (06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork.....	5.87	
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.				

06 05 Common Work Results For Wood, Plastics, And Composites

06 05 23 Wood, Plastic, And Composite Fastenings (06 05)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts (06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt.....	8.98	
		For >10 To 50, Deduct	-0.28	
		For >50 To 100, Deduct	-0.65	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-2.23	
		For >500, Deduct	-3.16	
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	11.89	
		For >10 To 50, Deduct	-0.30	
		For >50 To 100, Deduct	-0.75	
		For >100 To 250, Deduct	-1.51	
		For >250 To 500, Deduct	-2.57	
		For >500, Deduct	-3.63	
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt.....	13.03	
		For >10 To 50, Deduct	-0.30	
		For >50 To 100, Deduct	-0.78	
		For >100 To 250, Deduct	-1.57	
		For >250 To 500, Deduct	-2.65	
		For >500, Deduct	-3.74	
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt.....	25.61	
		For >10 To 50, Deduct	-0.42	
		For >50 To 100, Deduct	-1.26	
		For >100 To 250, Deduct	-2.53	
		For >250 To 500, Deduct	-4.21	
		For >500, Deduct	-5.89	

06 05 23 00-0006 Framing Anchors (06 05 23)

06 05 23 00-0007	EA	10 Gauge Framing Anchor.....	5.11	2.38
		For >10 To 50, Deduct	-0.23	
		For >50 To 100, Deduct	-0.47	
		For >100 To 250, Deduct	-0.93	
		For >250 To 500, Deduct	-1.63	
		For >500, Deduct	-2.32	

06 05 23 00-0008 Holddown Anchors (06 05 23)

06 05 23 00-0009	EA	8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Hold Downs, (Simpson Strong Tie® HD3B).....	33.19	
		For >10 To 50, Deduct	-1.23	
		For >50 To 100, Deduct	-2.67	
		For >100 To 250, Deduct	-5.34	
		For >250 To 500, Deduct	-9.23	
		For >500, Deduct	-13.13	
06 05 23 00-0010	EA	9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD5B).....	46.05	
		For >10 To 50, Deduct	-1.23	
		For >50 To 100, Deduct	-2.99	
		For >100 To 250, Deduct	-5.98	
		For >250 To 500, Deduct	-10.20	
		For >500, Deduct	-14.41	
06 05 23 00-0011	EA	12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Hold Downs, (Simpson Strong Tie® HD7B).....	52.20	
		For >10 To 50, Deduct	-1.34	
		For >50 To 100, Deduct	-3.32	
		For >100 To 250, Deduct	-6.64	
		For >250 To 500, Deduct	-11.31	
		For >500, Deduct	-15.98	
06 05 23 00-0012	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Hold Downs, (Simpson Strong Tie® HD9B).....	63.71	
		For >10 To 50, Deduct	-1.50	
		For >50 To 100, Deduct	-3.85	
		For >100 To 250, Deduct	-7.69	
		For >250 To 500, Deduct	-13.04	
		For >500, Deduct	-18.39	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0013	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD12).....	125.50	
		<i>For >10 To 50, Deduct</i>	-1.90	
		<i>For >50 To 100, Deduct</i>	-5.98	
		<i>For >100 To 250, Deduct</i>	-11.97	
		<i>For >250 To 500, Deduct</i>	-19.85	
		<i>For >500, Deduct</i>	-27.73	
06 05 23 00-0014	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Hold Downs, (Simpson Strong Tie® HD19).....	144.26	
		<i>For >10 To 50, Deduct</i>	-1.98	
		<i>For >50 To 100, Deduct</i>	-6.57	
		<i>For >100 To 250, Deduct</i>	-13.14	
		<i>For >250 To 500, Deduct</i>	-21.69	
		<i>For >500, Deduct</i>	-30.24	
06 05 23 00-0015		Joist And Beam Hangers <small>(06 05 23)</small>		
06 05 23 00-0016	EA	18 Gauge Joist Hanger, For 2" x 4" Joist, Also Acceptable For Beam Hangers	5.13	2.21
		<i>For >10 To 50, Deduct</i>	-0.23	
		<i>For >50 To 100, Deduct</i>	-0.47	
		<i>For >100 To 250, Deduct</i>	-0.93	
		<i>For >250 To 500, Deduct</i>	-1.63	
		<i>For >500, Deduct</i>	-2.32	
06 05 23 00-0017	EA	18 Gauge Joist Hanger, For 2" x 6"-2" x 10" Joist, Also Acceptable For Beam Hangers.....	5.91	2.21
		<i>For >10 To 50, Deduct</i>	-0.24	
		<i>For >50 To 100, Deduct</i>	-0.51	
		<i>For >100 To 250, Deduct</i>	-1.01	
		<i>For >250 To 500, Deduct</i>	-1.76	
		<i>For >500, Deduct</i>	-2.51	
06 05 23 00-0018	EA	16 Gauge Joist Hanger, For 3" x 6"-3" x 9" Joist, Also Acceptable For Beam Hangers.....	7.66	2.21
		<i>For >10 To 50, Deduct</i>	-0.25	
		<i>For >50 To 100, Deduct</i>	-0.56	
		<i>For >100 To 250, Deduct</i>	-1.12	
		<i>For >250 To 500, Deduct</i>	-1.93	
		<i>For >500, Deduct</i>	-2.74	
06 05 23 00-0019	EA	16 Gauge Joist Hanger, For 3" x 10"-3" x 14" Joist, Also Acceptable For Beam Hangers.....	7.83	2.21
		<i>For >10 To 50, Deduct</i>	-0.25	
		<i>For >50 To 100, Deduct</i>	-0.57	
		<i>For >100 To 250, Deduct</i>	-1.13	
		<i>For >250 To 500, Deduct</i>	-1.95	
		<i>For >500, Deduct</i>	-2.76	
06 05 23 00-0020	EA	16 Gauge Joist Hanger, For 4" x 6"-4" x 8" Joist, Also Acceptable For Beam Hangers.....	7.88	2.29
		<i>For >10 To 50, Deduct</i>	-0.26	
		<i>For >50 To 100, Deduct</i>	-0.58	
		<i>For >100 To 250, Deduct</i>	-1.16	
		<i>For >250 To 500, Deduct</i>	-1.99	
		<i>For >500, Deduct</i>	-2.83	
06 05 23 00-0021	EA	16 Gauge Joist Hanger, For 4" x 10"-4" x 14" Joist, Also Acceptable For Beam Hangers.....	8.35	2.29
		<i>For >10 To 50, Deduct</i>	-0.26	
		<i>For >50 To 100, Deduct</i>	-0.59	
		<i>For >100 To 250, Deduct</i>	-1.18	
		<i>For >250 To 500, Deduct</i>	-2.03	
		<i>For >500, Deduct</i>	-2.88	
06 05 23 00-0022		Post Framing <small>(06 05 23)</small>		
06 05 23 00-0023	EA	16 Gauge Post Framing With 4" x 4" Base	10.52	2.77
		<i>For >10 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.72	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-3.49	
06 05 23 00-0024	EA	16 Gauge Post Framing With 4" x 4" Cap.....	8.77	2.77
		<i>For >10 To 50, Deduct</i>	-0.30	
		<i>For >50 To 100, Deduct</i>	-0.68	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-2.33	
		<i>For >500, Deduct</i>	-3.31	
06 05 23 00-0025		Rafter Anchors <small>(06 05 23)</small>		
06 05 23 00-0026	EA	1-1/2" Wide x 5-1/4" Long, 18 Gauge Rafter Anchor	5.77	2.46
		<i>For >10 To 50, Deduct</i>	-0.27	
		<i>For >50 To 100, Deduct</i>	-0.55	
		<i>For >100 To 250, Deduct</i>	-1.11	
		<i>For >250 To 500, Deduct</i>	-1.93	
		<i>For >500, Deduct</i>	-2.76	
06 05 23 00-0027	EA	1-1/2" Wide x 10-3/4" Long, 18 Gauge Rafter Anchor	5.96	2.46
		<i>For >10 To 50, Deduct</i>	-0.27	
		<i>For >50 To 100, Deduct</i>	-0.56	
		<i>For >100 To 250, Deduct</i>	-1.12	
		<i>For >250 To 500, Deduct</i>	-1.95	
		<i>For >500, Deduct</i>	-2.78	
06 05 23 00-0028	EA	Galvanized Rigid Rafter Connector, For 2" x 6".....	7.16	2.46
		<i>For >10 To 50, Deduct</i>	-0.27	
		<i>For >50 To 100, Deduct</i>	-0.59	
		<i>For >100 To 250, Deduct</i>	-1.18	
		<i>For >250 To 500, Deduct</i>	-2.04	
		<i>For >500, Deduct</i>	-2.90	
06 05 23 00-0029		Bolts And Fasteners <small>(06 05 23)</small>		

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

06 05 23 00-0030		Carriage Bolts <small>(06 05 23 00-0029)</small>		
		Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0031		Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts <small>(06 05 23 00-0030)</small>		
06 05 23 00-0032	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	10.50	
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.03	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-3.61	
		For >500, Deduct	-5.16	
06 05 23 00-0033	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	10.59	
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.04	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-3.62	
		For >500, Deduct	-5.17	
06 05 23 00-0034	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	10.65	
		For >10 To 50, Deduct	-0.51	
		For >50 To 100, Deduct	-1.04	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-3.63	
		For >500, Deduct	-5.18	
06 05 23 00-0035	EA	1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.42	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.20	
		For >100 To 250, Deduct	-2.40	
		For >250 To 500, Deduct	-4.20	
		For >500, Deduct	-5.99	
06 05 23 00-0036	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	11.54	
		For >10 To 50, Deduct	-0.55	
		For >50 To 100, Deduct	-1.12	
		For >100 To 250, Deduct	-2.24	
		For >250 To 500, Deduct	-3.91	
		For >500, Deduct	-5.58	
06 05 23 00-0037	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.50	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.20	
		For >100 To 250, Deduct	-2.41	
		For >250 To 500, Deduct	-4.20	
		For >500, Deduct	-6.00	
06 05 23 00-0038	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.65	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.21	
		For >100 To 250, Deduct	-2.41	
		For >250 To 500, Deduct	-4.21	
		For >500, Deduct	-6.01	
06 05 23 00-0039	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.13	
		For >10 To 50, Deduct	-0.71	
		For >50 To 100, Deduct	-1.45	
		For >100 To 250, Deduct	-2.89	
		For >250 To 500, Deduct	-5.05	
		For >500, Deduct	-7.21	
06 05 23 00-0040	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.38	
		For >10 To 50, Deduct	-0.75	
		For >50 To 100, Deduct	-1.54	
		For >100 To 250, Deduct	-3.07	
		For >250 To 500, Deduct	-5.36	
		For >500, Deduct	-7.65	
06 05 23 00-0041	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.41	
		For >10 To 50, Deduct	-0.83	
		For >50 To 100, Deduct	-1.71	
		For >100 To 250, Deduct	-3.41	
		For >250 To 500, Deduct	-5.95	
		For >500, Deduct	-8.48	
06 05 23 00-0042	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	12.83	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.21	
		For >100 To 250, Deduct	-2.42	
		For >250 To 500, Deduct	-4.23	
		For >500, Deduct	-6.03	
06 05 23 00-0043	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.00	
		For >10 To 50, Deduct	-0.63	
		For >50 To 100, Deduct	-1.30	
		For >100 To 250, Deduct	-2.60	
		For >250 To 500, Deduct	-4.53	
		For >500, Deduct	-6.46	
06 05 23 00-0044	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	14.92	
		For >10 To 50, Deduct	-0.67	
		For >50 To 100, Deduct	-1.38	
		For >100 To 250, Deduct	-2.76	
		For >250 To 500, Deduct	-4.82	
		For >500, Deduct	-6.87	
06 05 23 00-0045	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.73	
		For >10 To 50, Deduct	-0.75	
		For >50 To 100, Deduct	-1.55	
		For >100 To 250, Deduct	-3.09	
		For >250 To 500, Deduct	-5.39	
		For >500, Deduct	-7.69	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0046	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.63
		<i>For >10 To 50, Deduct</i>	-0.87
		<i>For >50 To 100, Deduct</i>	-1.80
		<i>For >100 To 250, Deduct</i>	-3.59
		<i>For >250 To 500, Deduct</i>	-6.26
		<i>For >500, Deduct</i>	-8.92
06 05 23 00-0047	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.93
		<i>For >10 To 50, Deduct</i>	-0.95
		<i>For >50 To 100, Deduct</i>	-1.97
		<i>For >100 To 250, Deduct</i>	-3.94
		<i>For >250 To 500, Deduct</i>	-6.86
		<i>For >500, Deduct</i>	-9.79
06 05 23 00-0048	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.28
		<i>For >10 To 50, Deduct</i>	-0.71
		<i>For >50 To 100, Deduct</i>	-1.50
		<i>For >100 To 250, Deduct</i>	-3.00
		<i>For >250 To 500, Deduct</i>	-5.21
		<i>For >500, Deduct</i>	-7.42
06 05 23 00-0049	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.69
		<i>For >10 To 50, Deduct</i>	-0.75
		<i>For >50 To 100, Deduct</i>	-1.59
		<i>For >100 To 250, Deduct</i>	-3.19
		<i>For >250 To 500, Deduct</i>	-5.54
		<i>For >500, Deduct</i>	-7.88
06 05 23 00-0050	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.32
		<i>For >10 To 50, Deduct</i>	-0.87
		<i>For >50 To 100, Deduct</i>	-1.86
		<i>For >100 To 250, Deduct</i>	-3.73
		<i>For >250 To 500, Deduct</i>	-6.46
		<i>For >500, Deduct</i>	-9.19
06 05 23 00-0051	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.93
		<i>For >10 To 50, Deduct</i>	-0.91
		<i>For >50 To 100, Deduct</i>	-1.99
		<i>For >100 To 250, Deduct</i>	-3.98
		<i>For >250 To 500, Deduct</i>	-6.87
		<i>For >500, Deduct</i>	-9.77
06 05 23 00-0052	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.06
		<i>For >10 To 50, Deduct</i>	-0.99
		<i>For >50 To 100, Deduct</i>	-2.16
		<i>For >100 To 250, Deduct</i>	-4.32
		<i>For >250 To 500, Deduct</i>	-7.47
		<i>For >500, Deduct</i>	-10.61
06 05 23 00-0053	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.64
		<i>For >10 To 50, Deduct</i>	-1.03
		<i>For >50 To 100, Deduct</i>	-2.23
		<i>For >100 To 250, Deduct</i>	-4.47
		<i>For >250 To 500, Deduct</i>	-7.73
		<i>For >500, Deduct</i>	-10.99
06 05 23 00-0054		Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0030)	
06 05 23 00-0055	EA	1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	10.67
		<i>For >10 To 50, Deduct</i>	-0.51
		<i>For >50 To 100, Deduct</i>	-1.04
		<i>For >100 To 250, Deduct</i>	-2.08
		<i>For >250 To 500, Deduct</i>	-3.63
		<i>For >500, Deduct</i>	-5.18
06 05 23 00-0056	EA	1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	10.85
		<i>For >10 To 50, Deduct</i>	-0.51
		<i>For >50 To 100, Deduct</i>	-1.04
		<i>For >100 To 250, Deduct</i>	-2.08
		<i>For >250 To 500, Deduct</i>	-3.64
		<i>For >500, Deduct</i>	-5.20
06 05 23 00-0057	EA	1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	11.05
		<i>For >10 To 50, Deduct</i>	-0.51
		<i>For >50 To 100, Deduct</i>	-1.05
		<i>For >100 To 250, Deduct</i>	-2.09
		<i>For >250 To 500, Deduct</i>	-3.66
		<i>For >500, Deduct</i>	-5.22
06 05 23 00-0058	EA	1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.08
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.22
		<i>For >100 To 250, Deduct</i>	-2.43
		<i>For >250 To 500, Deduct</i>	-4.25
		<i>For >500, Deduct</i>	-6.06
06 05 23 00-0059	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	11.78
		<i>For >10 To 50, Deduct</i>	-0.55
		<i>For >50 To 100, Deduct</i>	-1.12
		<i>For >100 To 250, Deduct</i>	-2.25
		<i>For >250 To 500, Deduct</i>	-3.93
		<i>For >500, Deduct</i>	-5.61
06 05 23 00-0060	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	12.87
		<i>For >10 To 50, Deduct</i>	-0.59
		<i>For >50 To 100, Deduct</i>	-1.21
		<i>For >100 To 250, Deduct</i>	-2.42
		<i>For >250 To 500, Deduct</i>	-4.23
		<i>For >500, Deduct</i>	-6.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0061	EA		3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.09	
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 250, Deduct</i>	-2.44	
			<i>For >250 To 500, Deduct</i>	-4.25	
			<i>For >500, Deduct</i>	-6.06	
06 05 23 00-0062	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.80	
			<i>For >10 To 50, Deduct</i>	-0.71	
			<i>For >50 To 100, Deduct</i>	-1.46	
			<i>For >100 To 250, Deduct</i>	-2.93	
			<i>For >250 To 500, Deduct</i>	-5.10	
			<i>For >500, Deduct</i>	-7.28	
06 05 23 00-0063	EA		3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.13	
			<i>For >10 To 50, Deduct</i>	-0.75	
			<i>For >50 To 100, Deduct</i>	-1.56	
			<i>For >100 To 250, Deduct</i>	-3.11	
			<i>For >250 To 500, Deduct</i>	-5.42	
			<i>For >500, Deduct</i>	-7.73	
06 05 23 00-0064	EA		3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.11	
			<i>For >10 To 50, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-1.72	
			<i>For >100 To 250, Deduct</i>	-3.45	
			<i>For >250 To 500, Deduct</i>	-6.00	
			<i>For >500, Deduct</i>	-8.55	
06 05 23 00-0065	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	13.38	
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 250, Deduct</i>	-2.45	
			<i>For >250 To 500, Deduct</i>	-4.27	
			<i>For >500, Deduct</i>	-6.09	
06 05 23 00-0066	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.44	
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.31	
			<i>For >100 To 250, Deduct</i>	-2.62	
			<i>For >250 To 500, Deduct</i>	-4.56	
			<i>For >500, Deduct</i>	-6.50	
06 05 23 00-0067	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.44	
			<i>For >10 To 50, Deduct</i>	-0.67	
			<i>For >50 To 100, Deduct</i>	-1.39	
			<i>For >100 To 250, Deduct</i>	-2.79	
			<i>For >250 To 500, Deduct</i>	-4.85	
			<i>For >500, Deduct</i>	-6.92	
06 05 23 00-0068	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.48	
			<i>For >10 To 50, Deduct</i>	-0.75	
			<i>For >50 To 100, Deduct</i>	-1.56	
			<i>For >100 To 250, Deduct</i>	-3.13	
			<i>For >250 To 500, Deduct</i>	-5.44	
			<i>For >500, Deduct</i>	-7.76	
06 05 23 00-0069	EA		1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.37	
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-1.81	
			<i>For >100 To 250, Deduct</i>	-3.63	
			<i>For >250 To 500, Deduct</i>	-6.31	
			<i>For >500, Deduct</i>	-9.00	
06 05 23 00-0070	EA		1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.50	
			<i>For >10 To 50, Deduct</i>	-0.95	
			<i>For >50 To 100, Deduct</i>	-1.99	
			<i>For >100 To 250, Deduct</i>	-3.97	
			<i>For >250 To 500, Deduct</i>	-6.91	
			<i>For >500, Deduct</i>	-9.84	
06 05 23 00-0071	EA		3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.96	
			<i>For >10 To 50, Deduct</i>	-0.71	
			<i>For >50 To 100, Deduct</i>	-1.54	
			<i>For >100 To 250, Deduct</i>	-3.08	
			<i>For >250 To 500, Deduct</i>	-5.34	
			<i>For >500, Deduct</i>	-7.59	
06 05 23 00-0072	EA		3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.86	
			<i>For >10 To 50, Deduct</i>	-0.75	
			<i>For >50 To 100, Deduct</i>	-1.62	
			<i>For >100 To 250, Deduct</i>	-3.25	
			<i>For >250 To 500, Deduct</i>	-5.62	
			<i>For >500, Deduct</i>	-8.00	
06 05 23 00-0073	EA		3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.15	
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-1.88	
			<i>For >100 To 250, Deduct</i>	-3.77	
			<i>For >250 To 500, Deduct</i>	-6.52	
			<i>For >500, Deduct</i>	-9.28	
06 05 23 00-0074	EA		3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.87	
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-1.99	
			<i>For >100 To 250, Deduct</i>	-3.97	
			<i>For >250 To 500, Deduct</i>	-6.87	
			<i>For >500, Deduct</i>	-9.77	
06 05 23 00-0075	EA		3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	28.15	
			<i>For >10 To 50, Deduct</i>	-0.99	
			<i>For >50 To 100, Deduct</i>	-2.19	
			<i>For >100 To 250, Deduct</i>	-4.37	
			<i>For >250 To 500, Deduct</i>	-7.55	
			<i>For >500, Deduct</i>	-10.72	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0076	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.90	
		<i>For >10 To 50, Deduct</i>	-1.03	
		<i>For >50 To 100, Deduct</i>	-2.29	
		<i>For >100 To 250, Deduct</i>	-4.58	
		<i>For >250 To 500, Deduct</i>	-7.90	
		<i>For >500, Deduct</i>	-11.21	
06 05 23 00-0077		304/18-8 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0030)</small>		
06 05 23 00-0078	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	11.02	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.05	
		<i>For >100 To 250, Deduct</i>	-2.09	
		<i>For >250 To 500, Deduct</i>	-3.65	
		<i>For >500, Deduct</i>	-5.21	
06 05 23 00-0079	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	11.83	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.07	
		<i>For >100 To 250, Deduct</i>	-2.13	
		<i>For >250 To 500, Deduct</i>	-3.71	
		<i>For >500, Deduct</i>	-5.30	
06 05 23 00-0080	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.37	
		<i>For >10 To 50, Deduct</i>	-0.51	
		<i>For >50 To 100, Deduct</i>	-1.08	
		<i>For >100 To 250, Deduct</i>	-2.16	
		<i>For >250 To 500, Deduct</i>	-3.75	
		<i>For >500, Deduct</i>	-5.35	
06 05 23 00-0081	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.68	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.38	
		<i>For >100 To 250, Deduct</i>	-2.76	
		<i>For >250 To 500, Deduct</i>	-4.74	
		<i>For >500, Deduct</i>	-6.72	
06 05 23 00-0082	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	12.57	
		<i>For >10 To 50, Deduct</i>	-0.55	
		<i>For >50 To 100, Deduct</i>	-1.14	
		<i>For >100 To 250, Deduct</i>	-2.29	
		<i>For >250 To 500, Deduct</i>	-3.99	
		<i>For >500, Deduct</i>	-5.69	
06 05 23 00-0083	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.54	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.25	
		<i>For >100 To 250, Deduct</i>	-2.51	
		<i>For >250 To 500, Deduct</i>	-4.35	
		<i>For >500, Deduct</i>	-6.20	
06 05 23 00-0084	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	14.80	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100 To 250, Deduct</i>	-2.52	
		<i>For >250 To 500, Deduct</i>	-4.37	
		<i>For >500, Deduct</i>	-6.23	
06 05 23 00-0085	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.64	
		<i>For >10 To 50, Deduct</i>	-0.71	
		<i>For >50 To 100, Deduct</i>	-1.71	
		<i>For >100 To 250, Deduct</i>	-3.42	
		<i>For >250 To 500, Deduct</i>	-5.84	
		<i>For >500, Deduct</i>	-8.26	
06 05 23 00-0086	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	30.66	
		<i>For >10 To 50, Deduct</i>	-0.75	
		<i>For >50 To 100, Deduct</i>	-1.89	
		<i>For >100 To 250, Deduct</i>	-3.79	
		<i>For >250 To 500, Deduct</i>	-6.43	
		<i>For >500, Deduct</i>	-9.08	
06 05 23 00-0087	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	34.29	
		<i>For >10 To 50, Deduct</i>	-0.83	
		<i>For >50 To 100, Deduct</i>	-2.10	
		<i>For >100 To 250, Deduct</i>	-4.20	
		<i>For >250 To 500, Deduct</i>	-7.14	
		<i>For >500, Deduct</i>	-10.07	
06 05 23 00-0088	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	15.49	
		<i>For >10 To 50, Deduct</i>	-0.59	
		<i>For >50 To 100, Deduct</i>	-1.28	
		<i>For >100 To 250, Deduct</i>	-2.56	
		<i>For >250 To 500, Deduct</i>	-4.43	
		<i>For >500, Deduct</i>	-6.30	
06 05 23 00-0089	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	17.40	
		<i>For >10 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.38	
		<i>For >100 To 250, Deduct</i>	-2.77	
		<i>For >250 To 500, Deduct</i>	-4.78	
		<i>For >500, Deduct</i>	-6.80	
06 05 23 00-0090	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.66	
		<i>For >10 To 50, Deduct</i>	-0.67	
		<i>For >50 To 100, Deduct</i>	-1.52	
		<i>For >100 To 250, Deduct</i>	-3.05	
		<i>For >250 To 500, Deduct</i>	-5.25	
		<i>For >500, Deduct</i>	-7.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0091	EA	1/2"	Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....31.41		
			<i>For >10 To 50, Deduct</i>	-0.75	
			<i>For >50 To 100, Deduct</i>	-1.91	
			<i>For >100 To 250, Deduct</i>	-3.83	
			<i>For >250 To 500, Deduct</i>	-6.49	
			<i>For >500, Deduct</i>	-9.15	
06 05 23 00-0092	EA	1/2"	Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt .....35.57		
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.19	
			<i>For >100 To 250, Deduct</i>	-4.39	
			<i>For >250 To 500, Deduct</i>	-7.45	
			<i>For >500, Deduct</i>	-10.52	
06 05 23 00-0093	EA	1/2"	Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....53.94		
			<i>For >10 To 50, Deduct</i>	-0.95	
			<i>For >50 To 100, Deduct</i>	-2.77	
			<i>For >100 To 250, Deduct</i>	-5.54	
			<i>For >250 To 500, Deduct</i>	-9.27	
			<i>For >500, Deduct</i>	-12.99	
06 05 23 00-0094	EA	3/4"	Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....41.96		
			<i>For >10 To 50, Deduct</i>	-0.75	
			<i>For >50 To 100, Deduct</i>	-2.18	
			<i>For >100 To 250, Deduct</i>	-4.35	
			<i>For >250 To 500, Deduct</i>	-7.28	
			<i>For >500, Deduct</i>	-10.21	
06 05 23 00-0095	EA	3/4"	Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....58.53		
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.77	
			<i>For >100 To 250, Deduct</i>	-5.54	
			<i>For >250 To 500, Deduct</i>	-9.17	
			<i>For >500, Deduct</i>	-12.81	
06 05 23 00-0096	EA	3/4"	Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....64.62		
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100 To 250, Deduct</i>	-5.96	
			<i>For >250 To 500, Deduct</i>	-9.85	
			<i>For >500, Deduct</i>	-13.74	
06 05 23 00-0097	EA	3/4"	Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt .....93.75		
			<i>For >10 To 50, Deduct</i>	-0.99	
			<i>For >50 To 100, Deduct</i>	-3.83	
			<i>For >100 To 250, Deduct</i>	-7.65	
			<i>For >250 To 500, Deduct</i>	-12.47	
			<i>For >500, Deduct</i>	-17.28	
06 05 23 00-0098	EA	3/4"	Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....98.56		
			<i>For >10 To 50, Deduct</i>	-1.03	
			<i>For >50 To 100, Deduct</i>	-4.01	
			<i>For >100 To 250, Deduct</i>	-8.01	
			<i>For >250 To 500, Deduct</i>	-13.05	
			<i>For >500, Deduct</i>	-18.08	
06 05 23 00-0099			316 Stainless Steel, Carriage Bolts (06 05 23 00-0030).....14.78		
06 05 23 00-0100	EA	1/4"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....14.78		
			<i>For >10 To 50, Deduct</i>	-0.51	
			<i>For >50 To 100, Deduct</i>	-1.14	
			<i>For >100 To 250, Deduct</i>	-2.28	
			<i>For >250 To 500, Deduct</i>	-3.94	
			<i>For >500, Deduct</i>	-5.59	
06 05 23 00-0101	EA	1/4"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....16.20		
			<i>For >10 To 50, Deduct</i>	-0.51	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100 To 250, Deduct</i>	-2.35	
			<i>For >250 To 500, Deduct</i>	-4.04	
			<i>For >500, Deduct</i>	-5.73	
06 05 23 00-0102	EA	3/8"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....17.48		
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.27	
			<i>For >100 To 250, Deduct</i>	-2.53	
			<i>For >250 To 500, Deduct</i>	-4.36	
			<i>For >500, Deduct</i>	-6.18	
06 05 23 00-0103	EA	3/8"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....20.26		
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.40	
			<i>For >100 To 250, Deduct</i>	-2.79	
			<i>For >250 To 500, Deduct</i>	-4.78	
			<i>For >500, Deduct</i>	-6.77	
06 05 23 00-0104	EA	1/2"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....26.60		
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.56	
			<i>For >100 To 250, Deduct</i>	-3.11	
			<i>For >250 To 500, Deduct</i>	-5.26	
			<i>For >500, Deduct</i>	-7.41	
06 05 23 00-0105	EA	1/2"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....28.92		
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.67	
			<i>For >100 To 250, Deduct</i>	-3.34	
			<i>For >250 To 500, Deduct</i>	-5.65	
			<i>For >500, Deduct</i>	-7.95	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0106	EA	1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	31.13
		<i>For >10 To 50, Deduct</i>	-0.67
		<i>For >50 To 100, Deduct</i>	-1.79
		<i>For >100 To 250, Deduct</i>	-3.57
		<i>For >250 To 500, Deduct</i>	-6.03
		<i>For >500, Deduct</i>	-8.49
06 05 23 00-0107		Hex Lag Bolts <small>(06 05 23 00-0029)</small>	
		Note: Includes drilling of holes in any material.	
06 05 23 00-0108		Zinc Plated Steel, Hex Lag Bolts <small>(06 05 23 00-0107)</small>	
06 05 23 00-0109	EA	1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	10.01
		<i>For >10 To 50, Deduct</i>	-0.49
		<i>For >50 To 100, Deduct</i>	-0.99
		<i>For >100 To 250, Deduct</i>	-1.98
		<i>For >250 To 500, Deduct</i>	-3.47
		<i>For >500, Deduct</i>	-4.95
06 05 23 00-0110	EA	1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	10.10
		<i>For >10 To 50, Deduct</i>	-0.49
		<i>For >50 To 100, Deduct</i>	-0.99
		<i>For >100 To 250, Deduct</i>	-1.99
		<i>For >250 To 500, Deduct</i>	-3.47
		<i>For >500, Deduct</i>	-4.96
06 05 23 00-0111	EA	1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	10.26
		<i>For >10 To 50, Deduct</i>	-0.49
		<i>For >50 To 100, Deduct</i>	-1.00
		<i>For >100 To 250, Deduct</i>	-2.00
		<i>For >250 To 500, Deduct</i>	-3.49
		<i>For >500, Deduct</i>	-4.98
06 05 23 00-0112	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	11.02
		<i>For >10 To 50, Deduct</i>	-0.54
		<i>For >50 To 100, Deduct</i>	-1.08
		<i>For >100 To 250, Deduct</i>	-2.17
		<i>For >250 To 500, Deduct</i>	-3.79
		<i>For >500, Deduct</i>	-5.41
06 05 23 00-0113	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	11.95
		<i>For >10 To 50, Deduct</i>	-0.58
		<i>For >50 To 100, Deduct</i>	-1.16
		<i>For >100 To 250, Deduct</i>	-2.33
		<i>For >250 To 500, Deduct</i>	-4.07
		<i>For >500, Deduct</i>	-5.81
06 05 23 00-0114	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	12.14
		<i>For >10 To 50, Deduct</i>	-0.58
		<i>For >50 To 100, Deduct</i>	-1.17
		<i>For >100 To 250, Deduct</i>	-2.34
		<i>For >250 To 500, Deduct</i>	-4.08
		<i>For >500, Deduct</i>	-5.83
06 05 23 00-0115	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.83
		<i>For >10 To 50, Deduct</i>	-0.69
		<i>For >50 To 100, Deduct</i>	-1.41
		<i>For >100 To 250, Deduct</i>	-2.82
		<i>For >250 To 500, Deduct</i>	-4.92
		<i>For >500, Deduct</i>	-7.02
06 05 23 00-0116	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.71
		<i>For >10 To 50, Deduct</i>	-0.73
		<i>For >50 To 100, Deduct</i>	-1.49
		<i>For >100 To 250, Deduct</i>	-2.98
		<i>For >250 To 500, Deduct</i>	-5.20
		<i>For >500, Deduct</i>	-7.42
06 05 23 00-0117	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	12.16
		<i>For >10 To 50, Deduct</i>	-0.58
		<i>For >50 To 100, Deduct</i>	-1.18
		<i>For >100 To 250, Deduct</i>	-2.35
		<i>For >250 To 500, Deduct</i>	-4.11
		<i>For >500, Deduct</i>	-5.87
06 05 23 00-0118	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	13.21
		<i>For >10 To 50, Deduct</i>	-0.62
		<i>For >50 To 100, Deduct</i>	-1.26
		<i>For >100 To 250, Deduct</i>	-2.52
		<i>For >250 To 500, Deduct</i>	-4.40
		<i>For >500, Deduct</i>	-6.29
06 05 23 00-0119	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.33
		<i>For >10 To 50, Deduct</i>	-0.66
		<i>For >50 To 100, Deduct</i>	-1.35
		<i>For >100 To 250, Deduct</i>	-2.69
		<i>For >250 To 500, Deduct</i>	-4.70
		<i>For >500, Deduct</i>	-6.71
06 05 23 00-0120	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	16.27
		<i>For >10 To 50, Deduct</i>	-0.74
		<i>For >50 To 100, Deduct</i>	-1.51
		<i>For >100 To 250, Deduct</i>	-3.02
		<i>For >250 To 500, Deduct</i>	-5.27
		<i>For >500, Deduct</i>	-7.52
06 05 23 00-0121	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	19.14
		<i>For >10 To 50, Deduct</i>	-0.85
		<i>For >50 To 100, Deduct</i>	-1.76
		<i>For >100 To 250, Deduct</i>	-3.52
		<i>For >250 To 500, Deduct</i>	-6.13
		<i>For >500, Deduct</i>	-8.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0122	EA		1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.88	
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-1.92	
			<i>For >100 To 250, Deduct</i>	-3.84	
			<i>For >250 To 500, Deduct</i>	-6.68	
			<i>For >500, Deduct</i>	-9.53	
06 05 23 00-0123	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.40	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-1.54	
			<i>For >100 To 250, Deduct</i>	-3.08	
			<i>For >250 To 500, Deduct</i>	-5.36	
			<i>For >500, Deduct</i>	-7.63	
06 05 23 00-0124	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.70	
			<i>For >10 To 50, Deduct</i>	-0.85	
			<i>For >50 To 100, Deduct</i>	-1.80	
			<i>For >100 To 250, Deduct</i>	-3.59	
			<i>For >250 To 500, Deduct</i>	-6.24	
			<i>For >500, Deduct</i>	-8.89	
06 05 23 00-0125	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	22.75	
			<i>For >10 To 50, Deduct</i>	-0.89	
			<i>For >50 To 100, Deduct</i>	-1.91	
			<i>For >100 To 250, Deduct</i>	-3.81	
			<i>For >250 To 500, Deduct</i>	-6.61	
			<i>For >500, Deduct</i>	-9.41	
06 05 23 00-0126	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	25.47	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.09	
			<i>For >100 To 250, Deduct</i>	-4.18	
			<i>For >250 To 500, Deduct</i>	-7.24	
			<i>For >500, Deduct</i>	-10.30	
06 05 23 00-0127	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	28.31	
			<i>For >10 To 50, Deduct</i>	-1.01	
			<i>For >50 To 100, Deduct</i>	-2.22	
			<i>For >100 To 250, Deduct</i>	-4.44	
			<i>For >250 To 500, Deduct</i>	-7.67	
			<i>For >500, Deduct</i>	-10.90	
06 05 23 00-0128			Hot Dipped Galvanized Steel, Hex Lag Bolts <small>(06 05 23 00-0107)</small>		
06 05 23 00-0129	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	10.05	
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-0.99	
			<i>For >100 To 250, Deduct</i>	-1.98	
			<i>For >250 To 500, Deduct</i>	-3.47	
			<i>For >500, Deduct</i>	-4.96	
06 05 23 00-0130	EA		1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	10.18	
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 250, Deduct</i>	-1.99	
			<i>For >250 To 500, Deduct</i>	-3.48	
			<i>For >500, Deduct</i>	-4.97	
06 05 23 00-0131	EA		1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	10.31	
			<i>For >10 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 250, Deduct</i>	-2.00	
			<i>For >250 To 500, Deduct</i>	-3.49	
			<i>For >500, Deduct</i>	-4.98	
06 05 23 00-0132	EA		3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	11.09	
			<i>For >10 To 50, Deduct</i>	-0.54	
			<i>For >50 To 100, Deduct</i>	-1.09	
			<i>For >100 To 250, Deduct</i>	-2.17	
			<i>For >250 To 500, Deduct</i>	-3.79	
			<i>For >500, Deduct</i>	-5.42	
06 05 23 00-0133	EA		3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.06	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.17	
			<i>For >100 To 250, Deduct</i>	-2.33	
			<i>For >250 To 500, Deduct</i>	-4.08	
			<i>For >500, Deduct</i>	-5.82	
06 05 23 00-0134	EA		3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.27	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.17	
			<i>For >100 To 250, Deduct</i>	-2.34	
			<i>For >250 To 500, Deduct</i>	-4.09	
			<i>For >500, Deduct</i>	-5.84	
06 05 23 00-0135	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.08	
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.42	
			<i>For >100 To 250, Deduct</i>	-2.83	
			<i>For >250 To 500, Deduct</i>	-4.94	
			<i>For >500, Deduct</i>	-7.05	
06 05 23 00-0136	EA		3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.13	
			<i>For >10 To 50, Deduct</i>	-0.73	
			<i>For >50 To 100, Deduct</i>	-1.50	
			<i>For >100 To 250, Deduct</i>	-3.00	
			<i>For >250 To 500, Deduct</i>	-5.23	
			<i>For >500, Deduct</i>	-7.46	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0137	EA	1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	12.35	
		<i>For >10 To 50, Deduct</i>	-0.58	
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100 To 250, Deduct</i>	-2.36	
		<i>For >250 To 500, Deduct</i>	-4.12	
		<i>For >500, Deduct</i>	-5.89	
06 05 23 00-0138	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.32	
		<i>For >10 To 50, Deduct</i>	-0.62	
		<i>For >50 To 100, Deduct</i>	-1.26	
		<i>For >100 To 250, Deduct</i>	-2.53	
		<i>For >250 To 500, Deduct</i>	-4.41	
		<i>For >500, Deduct</i>	-6.30	
06 05 23 00-0139	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.52	
		<i>For >10 To 50, Deduct</i>	-0.66	
		<i>For >50 To 100, Deduct</i>	-1.35	
		<i>For >100 To 250, Deduct</i>	-2.70	
		<i>For >250 To 500, Deduct</i>	-4.71	
		<i>For >500, Deduct</i>	-6.72	
06 05 23 00-0140	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.85	
		<i>For >10 To 50, Deduct</i>	-0.74	
		<i>For >50 To 100, Deduct</i>	-1.53	
		<i>For >100 To 250, Deduct</i>	-3.05	
		<i>For >250 To 500, Deduct</i>	-5.31	
		<i>For >500, Deduct</i>	-7.58	
06 05 23 00-0141	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.42	
		<i>For >10 To 50, Deduct</i>	-0.85	
		<i>For >50 To 100, Deduct</i>	-1.77	
		<i>For >100 To 250, Deduct</i>	-3.53	
		<i>For >250 To 500, Deduct</i>	-6.15	
		<i>For >500, Deduct</i>	-8.77	
06 05 23 00-0142	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.57	
		<i>For >10 To 50, Deduct</i>	-0.93	
		<i>For >50 To 100, Deduct</i>	-1.94	
		<i>For >100 To 250, Deduct</i>	-3.87	
		<i>For >250 To 500, Deduct</i>	-6.74	
		<i>For >500, Deduct</i>	-9.60	
06 05 23 00-0143	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.82	
		<i>For >10 To 50, Deduct</i>	-0.74	
		<i>For >50 To 100, Deduct</i>	-1.55	
		<i>For >100 To 250, Deduct</i>	-3.10	
		<i>For >250 To 500, Deduct</i>	-5.39	
		<i>For >500, Deduct</i>	-7.67	
06 05 23 00-0144	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.08	
		<i>For >10 To 50, Deduct</i>	-0.85	
		<i>For >50 To 100, Deduct</i>	-1.81	
		<i>For >100 To 250, Deduct</i>	-3.61	
		<i>For >250 To 500, Deduct</i>	-6.27	
		<i>For >500, Deduct</i>	-8.93	
06 05 23 00-0145	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	23.39	
		<i>For >10 To 50, Deduct</i>	-0.89	
		<i>For >50 To 100, Deduct</i>	-1.92	
		<i>For >100 To 250, Deduct</i>	-3.84	
		<i>For >250 To 500, Deduct</i>	-6.66	
		<i>For >500, Deduct</i>	-9.47	
06 05 23 00-0146	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	26.98	
		<i>For >10 To 50, Deduct</i>	-0.97	
		<i>For >50 To 100, Deduct</i>	-2.13	
		<i>For >100 To 250, Deduct</i>	-4.26	
		<i>For >250 To 500, Deduct</i>	-7.35	
		<i>For >500, Deduct</i>	-10.45	
06 05 23 00-0147	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	29.92	
		<i>For >10 To 50, Deduct</i>	-1.01	
		<i>For >50 To 100, Deduct</i>	-2.26	
		<i>For >100 To 250, Deduct</i>	-4.52	
		<i>For >250 To 500, Deduct</i>	-7.79	
		<i>For >500, Deduct</i>	-11.06	
06 05 23 00-0148		304/18-8 Stainless Steel, Hex Lag Bolts (06 05 23 00-0107)		
06 05 23 00-0149	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	10.39	
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.00	
		<i>For >100 To 250, Deduct</i>	-2.00	
		<i>For >250 To 500, Deduct</i>	-3.50	
		<i>For >500, Deduct</i>	-4.99	
06 05 23 00-0150	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	10.77	
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.01	
		<i>For >100 To 250, Deduct</i>	-2.02	
		<i>For >250 To 500, Deduct</i>	-3.52	
		<i>For >500, Deduct</i>	-5.03	
06 05 23 00-0151	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	11.81	
		<i>For >10 To 50, Deduct</i>	-0.49	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100 To 250, Deduct</i>	-2.07	
		<i>For >250 To 500, Deduct</i>	-3.60	
		<i>For >500, Deduct</i>	-5.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0152	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	12.07	
			<i>For >10 To 50, Deduct</i>	-0.54	
			<i>For >50 To 100, Deduct</i>	-1.11	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-3.87	
			<i>For >500, Deduct</i>	-5.52	
06 05 23 00-0153	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	13.42	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.20	
			<i>For >100 To 250, Deduct</i>	-2.40	
			<i>For >250 To 500, Deduct</i>	-4.18	
			<i>For >500, Deduct</i>	-5.96	
06 05 23 00-0154	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.08	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 250, Deduct</i>	-2.44	
			<i>For >250 To 500, Deduct</i>	-4.23	
			<i>For >500, Deduct</i>	-6.02	
06 05 23 00-0155	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	25.60	
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.68	
			<i>For >100 To 250, Deduct</i>	-3.36	
			<i>For >250 To 500, Deduct</i>	-5.73	
			<i>For >500, Deduct</i>	-8.10	
06 05 23 00-0156	EA		3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	34.44	
			<i>For >10 To 50, Deduct</i>	-0.73	
			<i>For >50 To 100, Deduct</i>	-1.96	
			<i>For >100 To 250, Deduct</i>	-3.92	
			<i>For >250 To 500, Deduct</i>	-6.60	
			<i>For >500, Deduct</i>	-9.29	
06 05 23 00-0157	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.19	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.23	
			<i>For >100 To 250, Deduct</i>	-2.45	
			<i>For >250 To 500, Deduct</i>	-4.26	
			<i>For >500, Deduct</i>	-6.07	
06 05 23 00-0158	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	16.35	
			<i>For >10 To 50, Deduct</i>	-0.62	
			<i>For >50 To 100, Deduct</i>	-1.34	
			<i>For >100 To 250, Deduct</i>	-2.68	
			<i>For >250 To 500, Deduct</i>	-4.64	
			<i>For >500, Deduct</i>	-6.60	
06 05 23 00-0159	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.51	
			<i>For >10 To 50, Deduct</i>	-0.66	
			<i>For >50 To 100, Deduct</i>	-1.48	
			<i>For >100 To 250, Deduct</i>	-2.95	
			<i>For >250 To 500, Deduct</i>	-5.09	
			<i>For >500, Deduct</i>	-7.22	
06 05 23 00-0160	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	36.41	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-2.02	
			<i>For >100 To 250, Deduct</i>	-4.03	
			<i>For >250 To 500, Deduct</i>	-6.78	
			<i>For >500, Deduct</i>	-9.53	
06 05 23 00-0161	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	48.61	
			<i>For >10 To 50, Deduct</i>	-0.85	
			<i>For >50 To 100, Deduct</i>	-2.49	
			<i>For >100 To 250, Deduct</i>	-4.99	
			<i>For >250 To 500, Deduct</i>	-8.34	
			<i>For >500, Deduct</i>	-11.69	
06 05 23 00-0162	EA		1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	56.37	
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.81	
			<i>For >100 To 250, Deduct</i>	-5.61	
			<i>For >250 To 500, Deduct</i>	-9.35	
			<i>For >500, Deduct</i>	-13.08	
06 05 23 00-0163	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	51.48	
			<i>For >10 To 50, Deduct</i>	-0.74	
			<i>For >50 To 100, Deduct</i>	-2.39	
			<i>For >100 To 250, Deduct</i>	-4.78	
			<i>For >250 To 500, Deduct</i>	-7.91	
			<i>For >500, Deduct</i>	-11.04	
06 05 23 00-0164	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	58.92	
			<i>For >10 To 50, Deduct</i>	-0.85	
			<i>For >50 To 100, Deduct</i>	-2.75	
			<i>For >100 To 250, Deduct</i>	-5.51	
			<i>For >250 To 500, Deduct</i>	-9.11	
			<i>For >500, Deduct</i>	-12.72	
06 05 23 00-0165	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	61.33	
			<i>For >10 To 50, Deduct</i>	-0.89	
			<i>For >50 To 100, Deduct</i>	-2.87	
			<i>For >100 To 250, Deduct</i>	-5.74	
			<i>For >250 To 500, Deduct</i>	-9.50	
			<i>For >500, Deduct</i>	-13.27	
06 05 23 00-0166	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	83.28	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.54	
			<i>For >100 To 250, Deduct</i>	-7.07	
			<i>For >250 To 500, Deduct</i>	-11.58	
			<i>For >500, Deduct</i>	-16.08	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0167	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	90.56	
		<i>For >10 To 50, Deduct</i>	-1.01	
		<i>For >50 To 100, Deduct</i>	-3.78	
		<i>For >100 To 250, Deduct</i>	-7.55	
		<i>For >250 To 500, Deduct</i>	-12.34	
		<i>For >500, Deduct</i>	-17.12	
06 05 23 00-0168		Supports <small>(06 05 23)</small>		
06 05 23 00-0169		Shear Plates <small>(06 05 23 00-0168)</small>		
06 05 23 00-0170	EA	2-5/8" Diameter, Shear Plate.....	8.60	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.71	
		<i>For >100 To 250, Deduct</i>	-1.42	
		<i>For >250 To 500, Deduct</i>	-2.46	
		<i>For >500, Deduct</i>	-3.50	
06 05 23 00-0171	EA	4" Diameter, Shear Plate.....	11.52	3.08
		<i>For >10 To 50, Deduct</i>	-0.34	
		<i>For >50 To 100, Deduct</i>	-0.80	
		<i>For >100 To 250, Deduct</i>	-1.61	
		<i>For >250 To 500, Deduct</i>	-2.75	
		<i>For >500, Deduct</i>	-3.90	
06 05 23 00-0172		Sill Anchors <small>(06 05 23 00-0168)</small>		
06 05 23 00-0173	EA	Sill Anchor Embedded In Concrete.....	7.42	3.08
		<i>For >10 To 50, Deduct</i>	-0.34	
		<i>For >50 To 100, Deduct</i>	-0.70	
		<i>For >100 To 250, Deduct</i>	-1.40	
		<i>For >250 To 500, Deduct</i>	-2.45	
		<i>For >500, Deduct</i>	-3.49	
06 05 23 00-0174		Spike Grids <small>(06 05 23 00-0168)</small>		
06 05 23 00-0175	EA	4" x 4" Flat Or Curved Spike Grid.....	7.31	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.68	
		<i>For >100 To 250, Deduct</i>	-1.35	
		<i>For >250 To 500, Deduct</i>	-2.36	
		<i>For >500, Deduct</i>	-3.37	
06 05 23 00-0176		Split Rings <small>(06 05 23 00-0168)</small>		
06 05 23 00-0177	EA	2-1/2" Diameter Split Ring.....	7.75	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.69	
		<i>For >100 To 250, Deduct</i>	-1.38	
		<i>For >250 To 500, Deduct</i>	-2.39	
		<i>For >500, Deduct</i>	-3.41	
06 05 23 00-0178	EA	4" Diameter Split Ring.....	9.13	3.24
		<i>For >10 To 50, Deduct</i>	-0.36	
		<i>For >50 To 100, Deduct</i>	-0.77	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-2.66	
		<i>For >500, Deduct</i>	-3.79	
06 05 23 00-0179		Toothed Rings <small>(06 05 23 00-0168)</small>		
06 05 23 00-0180	EA	2-5/8" Or 4" Toothed Ring.....	9.44	2.93
		<i>For >10 To 50, Deduct</i>	-0.33	
		<i>For >50 To 100, Deduct</i>	-0.73	
		<i>For >100 To 250, Deduct</i>	-1.46	
		<i>For >250 To 500, Deduct</i>	-2.52	
		<i>For >500, Deduct</i>	-3.58	
06 05 23 00-0181		Straps And Shields <small>(06 05 23)</small>		
06 05 23 00-0182		Shield Plate <small>(06 05 23 00-0181)</small>		
06 05 23 00-0183	EA	5" Wide x 8" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN58Z).....	5.06	
		<i>For >10 To 50, Deduct</i>	-0.05	
		<i>For >50 To 100, Deduct</i>	-0.18	
		<i>For >100 To 250, Deduct</i>	-0.35	
		<i>For >250 To 500, Deduct</i>	-0.63	
		<i>For >500, Deduct</i>	-0.96	
06 05 23 00-0184	EA	5" Wide x 16" Long, 16 Gauge, Shield Plate (Simpson Strong Tie® PSPN516Z).....	7.60	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.25	
		<i>For >100 To 250, Deduct</i>	-0.50	
		<i>For >250 To 500, Deduct</i>	-0.87	
		<i>For >500, Deduct</i>	-1.31	
06 05 23 00-0185		Strap Ties <small>(06 05 23 00-0181)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
06 05 23 00-0186	EA		1-1/4" Wide x 9" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA9).....	2.09	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.09	
			<i>For >100 To 250, Deduct</i>	-0.18	
			<i>For >250 To 500, Deduct</i>	-0.35	
			<i>For >500, Deduct</i>	-0.57	
06 05 23 00-0187	EA		1-1/4" Wide x 12" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA12).....	2.14	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.09	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.36	
			<i>For >500, Deduct</i>	-0.58	
06 05 23 00-0188	EA		1-1/4" Wide x 15" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA15).....	2.82	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >100 To 250, Deduct</i>	-0.24	
			<i>For >250 To 500, Deduct</i>	-0.46	
			<i>For >500, Deduct</i>	-0.74	
06 05 23 00-0189	EA		1-1/4" Wide x 18" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA18).....	2.96	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >100 To 250, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500, Deduct</i>	-0.75	
06 05 23 00-0190	EA		1-1/4" Wide x 21" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA21).....	3.09	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >100 To 250, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.48	
			<i>For >500, Deduct</i>	-0.76	
06 05 23 00-0191	EA		1-1/4" Wide x 24" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA24).....	3.63	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.57	
			<i>For >500, Deduct</i>	-0.91	
06 05 23 00-0192	EA		1-1/4" Wide x 30" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA30).....	3.97	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-0.60	
			<i>For >500, Deduct</i>	-0.94	
06 05 23 00-0193	EA		1-1/4" Wide x 36" Long, 20 Gauge, Strap Tie (Simpson Strong Tie® LSTA36).....	4.72	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.70	
			<i>For >500, Deduct</i>	-1.11	
06 05 23 00-0194	EA		1-1/4" Wide x 9" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA9).....	2.14	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.09	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.36	
			<i>For >500, Deduct</i>	-0.58	
06 05 23 00-0195	EA		1-1/4" Wide x 12" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA12).....	2.31	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.10	
			<i>For >100 To 250, Deduct</i>	-0.19	
			<i>For >250 To 500, Deduct</i>	-0.37	
			<i>For >500, Deduct</i>	-0.59	
06 05 23 00-0196	EA		1-1/4" Wide x 15" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA15).....	2.92	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >100 To 250, Deduct</i>	-0.24	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500, Deduct</i>	-0.75	
06 05 23 00-0197	EA		1-1/4" Wide x 18" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA18).....	3.12	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >100 To 250, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.48	
			<i>For >500, Deduct</i>	-0.77	
06 05 23 00-0198	EA		1-1/4" Wide x 21" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA21).....	3.30	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >100 To 250, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.49	
			<i>For >500, Deduct</i>	-0.78	
06 05 23 00-0199	EA		1-1/4" Wide x 24" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA24).....	3.90	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500, Deduct</i>	-0.94	
06 05 23 00-0200	EA		1-1/4" Wide x 30" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA30).....	4.18	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.61	
			<i>For >500, Deduct</i>	-0.97	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0201	EA		1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA36).....	5.04	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >100 To 250, Deduct</i>	-0.39	
			<i>For >250 To 500, Deduct</i>	-0.72	
			<i>For >500, Deduct</i>	-1.14	
06 05 23 00-0202	EA		1-1/4" Wide x 36" Long, 18 Gauge, Strap Tie (Simpson Strong Tie® MSTA49).....	6.48	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.48	
			<i>For >250 To 500, Deduct</i>	-0.88	
			<i>For >500, Deduct</i>	-1.37	
06 05 23 00-0203	EA		1-1/4" Wide x 9" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST9).....	2.37	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.10	
			<i>For >100 To 250, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.38	
			<i>For >500, Deduct</i>	-0.60	
06 05 23 00-0204	EA		1-1/4" Wide x 12" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST12).....	2.57	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.10	
			<i>For >100 To 250, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.39	
			<i>For >500, Deduct</i>	-0.62	
06 05 23 00-0205	EA		1-1/4" Wide x 18" Long, 16 Gauge, Strap Tie (Simpson Strong Tie® ST18).....	3.44	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-0.50	
			<i>For >500, Deduct</i>	-0.80	
06 05 23 00-0206	EA		1-1/4" Wide x 22" Long, 16 Gauge, Strap Tie® (Simpson Strong Tie ST22).....	4.46	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.63	
			<i>For >500, Deduct</i>	-0.99	
06 05 23 00-0207	EA		1-3/8" Wide x 6" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS6).....	2.95	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.11	
			<i>For >100 To 250, Deduct</i>	-0.23	
			<i>For >250 To 500, Deduct</i>	-0.42	
			<i>For >500, Deduct</i>	-0.66	
06 05 23 00-0208	EA		1-3/8" Wide x 8" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS8).....	3.11	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >100 To 250, Deduct</i>	-0.23	
			<i>For >250 To 500, Deduct</i>	-0.43	
			<i>For >500, Deduct</i>	-0.67	
06 05 23 00-0209	EA		1-3/8" Wide x 12" Long, 12 Gauge, Strap Tie (Simpson Strong Tie® HRS12).....	4.20	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.56	
			<i>For >500, Deduct</i>	-0.87	
06 05 23 00-0210	EA		2-1/16" Wide x 27" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST27).....	7.39	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.49	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >500, Deduct</i>	-1.29	
06 05 23 00-0211	EA		2-1/16" Wide x 37" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST37).....	9.93	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.32	
			<i>For >100 To 250, Deduct</i>	-0.64	
			<i>For >250 To 500, Deduct</i>	-1.09	
			<i>For >500, Deduct</i>	-1.63	
06 05 23 00-0212	EA		2-1/16" Wide x 48" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST48).....	13.06	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 250, Deduct</i>	-0.81	
			<i>For >250 To 500, Deduct</i>	-1.37	
			<i>For >500, Deduct</i>	-2.03	
06 05 23 00-0213	EA		2-1/16" Wide x 60" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST60).....	18.80	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.56	
			<i>For >100 To 250, Deduct</i>	-1.12	
			<i>For >250 To 500, Deduct</i>	-1.86	
			<i>For >500, Deduct</i>	-2.70	
06 05 23 00-0214	EA		2-1/16" Wide x 72" Long, 12 Gauge, Medium Strap Tie (Simpson Strong Tie® MST72).....	24.15	
			<i>For >10 To 50, Deduct</i>	-0.10	
			<i>For >50 To 100, Deduct</i>	-0.70	
			<i>For >100 To 250, Deduct</i>	-1.41	
			<i>For >250 To 500, Deduct</i>	-2.31	
			<i>For >500, Deduct</i>	-3.32	
06 05 23 00-0215	EA		3" Wide x 28" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC28).....	7.90	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.26	
			<i>For >100 To 250, Deduct</i>	-0.51	
			<i>For >250 To 500, Deduct</i>	-0.89	
			<i>For >500, Deduct</i>	-1.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
06 05 23 00-0216	EA		3" Wide x 40" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC40).....	10.67	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100 To 250, Deduct</i>	-0.67	
			<i>For >250 To 500, Deduct</i>	-1.15	
			<i>For >500, Deduct</i>	-1.70	
06 05 23 00-0217	EA		3" Wide x 52" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC52).....	13.27	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 250, Deduct</i>	-0.82	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >500, Deduct</i>	-2.05	
06 05 23 00-0218	EA		3" Wide x 66" Long, 16 Gauge, Strap Ties (Simpson Strong Tie® MSTC66).....	19.20	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.57	
			<i>For >100 To 250, Deduct</i>	-1.14	
			<i>For >250 To 500, Deduct</i>	-1.89	
			<i>For >500, Deduct</i>	-2.74	
06 05 23 00-0219			Twist Strap Ties (06 05 23 00-0181)		
06 05 23 00-0220	EA		1-1/4" Wide x 9" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS9)	2.64	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.11	
			<i>For >100 To 250, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.40	
			<i>For >500, Deduct</i>	-0.63	
06 05 23 00-0221	EA		1-1/4" Wide x 12" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS12)	3.02	
			<i>For >10 To 50, Deduct</i>	-0.04	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >100 To 250, Deduct</i>	-0.23	
			<i>For >250 To 500, Deduct</i>	-0.42	
			<i>For >500, Deduct</i>	-0.67	
06 05 23 00-0222	EA		1-1/4" Wide x 18" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS18)	4.05	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.55	
			<i>For >500, Deduct</i>	-0.86	
06 05 23 00-0223	EA		1-1/4" Wide x 22" Long, 16 Gauge, Twist Strap Tie (Simpson Strong Tie® TS22)	4.82	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.18	
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.66	
			<i>For >500, Deduct</i>	-1.03	
06 05 23 00-0224			Retrofit Plate Strap (06 05 23 00-0181)		
06 05 23 00-0225	EA		1-3/8" Wide x 18" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS18)	3.63	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.28	
			<i>For >250 To 500, Deduct</i>	-0.52	
			<i>For >500, Deduct</i>	-0.82	
06 05 23 00-0226	EA		1-3/8" Wide x 22" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS22)	3.99	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.55	
			<i>For >500, Deduct</i>	-0.85	
06 05 23 00-0227	EA		1-3/8" Wide x 28" Long, 16 Gauge, Retrofit Plate Strap (Simpson Strong Tie® RPS28)	4.54	
			<i>For >10 To 50, Deduct</i>	-0.05	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500, Deduct</i>	-0.91	
06 05 23 00-0228			Stud Shoe (06 05 23 00-0181)		
06 05 23 00-0229	EA		6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS1.5)	6.54	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >100 To 250, Deduct</i>	-0.45	
			<i>For >250 To 500, Deduct</i>	-0.79	
			<i>For >500, Deduct</i>	-1.20	
06 05 23 00-0230	EA		6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS2.5)	9.70	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >100 To 250, Deduct</i>	-0.60	
			<i>For >250 To 500, Deduct</i>	-1.03	
			<i>For >500, Deduct</i>	-1.52	
06 05 23 00-0231	EA		6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie® SS3)	10.35	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.32	
			<i>For >100 To 250, Deduct</i>	-0.64	
			<i>For >250 To 500, Deduct</i>	-1.07	
			<i>For >500, Deduct</i>	-1.58	

06 Wood, Plastics, and Composites**06 05 Common Work Results For Wood, Plastics, And Composites****06 05 23 Wood, Plastic, And Composite Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 05 23 00-0232	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie SS4.5).....	13.63	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.80	
		<i>For >250 To 500, Deduct</i>	-1.32	
		<i>For >500, Deduct</i>	-1.91	
06 05 23 00-0233	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-SDS1.5).....	15.26	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.44	
		<i>For >100 To 250, Deduct</i>	-0.88	
		<i>For >250 To 500, Deduct</i>	-1.44	
		<i>For >500, Deduct</i>	-2.07	
06 05 23 00-0234	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-2-SDS3)	18.78	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.53	
		<i>For >100 To 250, Deduct</i>	-1.06	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.43	
06 05 23 00-0235	EA	7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS2-3-SDS3)	18.78	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.53	
		<i>For >100 To 250, Deduct</i>	-1.06	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.43	
06 05 23 00-0236	EA	7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Stud Shoe (Simpson Strong Tie HSS4-SDS3).....	18.78	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.53	
		<i>For >100 To 250, Deduct</i>	-1.06	
		<i>For >250 To 500, Deduct</i>	-1.71	
		<i>For >500, Deduct</i>	-2.43	

06 05 23 00-0237 Nail Stops (06 05 23 00-0181)

06 05 23 00-0238	EA	1-1/2" Wide x 3" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS1)	1.97	
		<i>For >10 To 50, Deduct</i>	-0.04	
		<i>For >50 To 100, Deduct</i>	-0.09	
		<i>For >100 To 250, Deduct</i>	-0.18	
		<i>For >250 To 500, Deduct</i>	-0.35	
		<i>For >500, Deduct</i>	-0.56	
06 05 23 00-0239	EA	1-1/2" Wide x 6" Long, 16 Gauge, Nail Stops (Simpson Strong Tie® NS2)	2.25	
		<i>For >10 To 50, Deduct</i>	-0.04	
		<i>For >50 To 100, Deduct</i>	-0.10	
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.37	
		<i>For >500, Deduct</i>	-0.59	

06 05 73 Wood Treatment (06 05)**06 05 73 13 Fire-Retardant Wood Treatment (06 05 73)**

06 05 73 13-0001 Preservative Treated Lumber (06 05 73 13)

06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber (06 05 73 13-0001)

06 05 73 13-0003 MBF Fire Retardant Treatment (FRT) For Lumber384.34

06 05 73 33 Preservative Wood Treatment (06 05 73)

06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses (06 05 73 33)

06 05 73 33-0002 MBF Preservative Treatment For Marine And Fresh Water Lumber97.87

06 10 Rough Carpentry (06)**06 11 Wood Framing (06 10)**

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

06 11 13 Engineered Wood Products (06 11)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

06 11 13 00-0001 Built-Up Members (06 11 13)

Note: A structural framing member made from fastening separate pieces of lumber together.

06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)

06 11 13 00-0003	LF	Two 2" x 6" Built-up Wood Beam Or Joist.....	3.27	1.36
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.60	
06 11 13 00-0004	LF	Two 2" x 8" Built-up Wood Beam Or Joist.....	4.11	1.59
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.86	
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist.....	5.24	1.91
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	1.19	

06 11 13 00-0006 Built-Up Posts (06 11 13 00-0001)

06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post.....	3.27	1.36
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.60	
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post.....	4.11	1.59
		<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.86	

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

06 11 13 00-0009	LF		Two 2" x 10" Built-up Wood Post..... <i>For Each Additional 2" x_ " In The Built Up Member, Add</i>	5.24 1.19	1.91
------------------	----	--	--	--------------	------

06 11 16 Mechanically Graded Lumber (06 11)
06 11 16 00-0001 Sills And Plates (06 11 16)
06 11 16 00-0002 Sills (06 11 16 00-0001)

Note: A horizontal member which rests on and is attached to the foundation.

06 11 16 00-0003	LF		2" x 4" Wood Sill	2.15	1.20
06 11 16 00-0004	LF		2" x 6" Wood Sill	2.59	1.36
06 11 16 00-0005	LF		2" x 8" Wood Sill	3.10	1.51
06 11 16 00-0006	LF		2" x 4" Pressure Treated Wood Sill.....	2.44	1.20
06 11 16 00-0007	LF		2" x 6" Pressure Treated Wood Sill.....	3.08	1.36
06 11 16 00-0008	LF		2" x 8" Pressure Treated Wood Sill.....	3.78	1.51

06 11 16 00-0009 Plates (06 11 16 00-0001)

Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.

06 11 16 00-0010	LF		2" x 4" Wood Plate	2.15	1.20
06 11 16 00-0011	LF		2" x 6" Wood Plate	2.59	1.36
06 11 16 00-0012	LF		2" x 8" Wood Plate	3.08	1.51
06 11 16 00-0013	LF		2" x 4" Pressure Treated Wood Plate	2.44	1.20
06 11 16 00-0014	LF		2" x 6" Pressure Treated Wood Plate	3.08	1.36
06 11 16 00-0015	LF		2" x 8" Pressure Treated Wood Plate	3.76	1.51

06 11 16 00-0016 Sills And Plates From Redwood (06 11 16 00-0001)
06 11 16 00-0017 Construction Grade/Rough (06 11 16 00-0016)

06 11 16 00-0018	LF		2" x 6" Redwood, Construction Grade/Rough.....	3.61	1.36
06 11 16 00-0019	LF		2" x 8" Redwood, Construction Grade/Rough.....	4.71	1.51
06 11 16 00-0020	LF		2" x 10" Redwood, Construction Grade/Rough.....	5.73	1.68
06 11 16 00-0021	LF		2" x 12" Redwood, Construction Grade/Rough.....	6.92	1.84

06 11 16 00-0022 Con Heart/Smooth (06 11 16 00-0016)

06 11 16 00-0023	LF		2" x 6" Redwood, Con Heart/Smooth.....	4.30	1.36
06 11 16 00-0024	LF		2" x 8" Redwood, Con Heart/Smooth.....	5.75	1.51
06 11 16 00-0025	LF		2" x 10" Redwood, Con Heart/Smooth.....	7.49	1.68
06 11 16 00-0026	LF		2" x 12" Redwood, Con Heart/Smooth.....	9.00	1.84

06 11 16 00-0027 Suspended Ceiling Framing (06 11 16)

06 11 16 00-0028	LF		1" x 2" Wood Suspended Ceiling Framing.....	1.75	1.04
06 11 16 00-0029	LF		1" x 3" Wood Suspended Ceiling Framing.....	1.93	1.12
06 11 16 00-0030	LF		2" x 2" Wood Suspended Ceiling Framing.....	2.09	1.20
06 11 16 00-0031	LF		2" x 4" Wood Suspended Ceiling Framing.....	2.47	1.36
06 11 16 00-0032	LF		1" x 2" Pressure Treated Wood Suspended Ceiling Framing	1.98	1.04
06 11 16 00-0033	LF		1" x 3" Pressure Treated Wood Suspended Ceiling Framing	1.91	1.12
06 11 16 00-0034	LF		2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.35	1.20
06 11 16 00-0035	LF		2" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.72	1.36

06 11 16 00-0036 Posts And Girts (06 11 16)
06 11 16 00-0037 Posts (06 11 16 00-0036)

Note: A vertical, upright framing member.

06 11 16 00-0038	LF		4" x 4" Wood Post.....	3.02	1.51
06 11 16 00-0039	LF		4" x 5" Wood Post.....	3.44	1.76
06 11 16 00-0040	LF		4" x 6" Wood Post.....	3.79	1.91
06 11 16 00-0041	LF		6" x 6" Wood Post.....	4.21	2.07
06 11 16 00-0042	LF		8" x 8" Wood Post.....	4.63	2.15
06 11 16 00-0043	LF		10" x 10" Wood Post.....	5.06	2.47
06 11 16 00-0044	LF		4" x 4" Pressure Treated Wood Post	3.97	1.51
06 11 16 00-0045	LF		4" x 6" Pressure Treated Wood Post	5.14	1.91
06 11 16 00-0046	LF		6" x 6" Pressure Treated Wood Post.....	6.57	2.07

06 11 16 00-0047 Girts (06 11 16 00-0036)

Note: A horizontal member at intermediate level between columns, studs, or posts.

06 11 16 00-0048	LF		2" x 4" Wood Girt	1.51	0.58
06 11 16 00-0049	LF		2" x 6" Wood Girt	1.86	0.63
06 11 16 00-0050	LF		2" x 8" Wood Girt	2.24	0.69
06 11 16 00-0051	LF		2" x 10" Wood Girt	2.72	0.76
06 11 16 00-0052	LF		4" x 4" Wood Girt	2.93	1.15
06 11 16 00-0053	LF		4" x 5" Wood Girt	3.35	1.29
06 11 16 00-0054	LF		4" x 6" Wood Girt	3.78	1.43
06 11 16 00-0055	LF		6" x 6" Wood Girt	4.20	1.58
06 11 16 00-0056	LF		8" x 8" Wood Girt	4.62	1.73
06 11 16 00-0057	LF		10" x 10" Wood Girt	5.05	1.88
06 11 16 00-0058	LF		2" x 4" Pressure Treated Wood Girt.....	1.80	0.58
06 11 16 00-0059	LF		2" x 6" Pressure Treated Wood Girt.....	2.35	0.63
06 11 16 00-0060	LF		2" x 8" Pressure Treated Wood Girt.....	2.92	0.69

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 11 16 00-0061	LF	2" x 10" Pressure Treated Wood Girt.....	3.43	0.76
06 11 16 00-0062	LF	4" x 4" Pressure Treated Wood Girt.....	3.97	1.15
06 11 16 00-0063	LF	4" x 6" Pressure Treated Wood Girt.....	5.14	1.43
06 11 16 00-0064	LF	6" x 6" Pressure Treated Wood Girt.....	6.57	1.58
06 11 16 00-0065		Construction Grade/Rough Redwood Posts <small>(06 11 16 00-0036)</small>		
06 11 16 00-0066	LF	4" x 4" Redwood, Construction Grade/Rough Post.....	5.42	1.51
		For Smooth "Clear", Add	0.63	
06 11 16 00-0067	LF	4" x 5" Redwood, Construction Grade/Rough Post.....	6.48	1.76
		For Smooth "Clear", Add	0.78	
06 11 16 00-0068	LF	4" x 6" Redwood, Construction Grade/Rough Post.....	7.57	1.91
		For Smooth "Clear", Add	0.94	
06 11 16 00-0069	LF	4" x 8" Redwood, Construction Grade/Rough Post.....	9.27	1.97
		For Smooth "Clear", Add	1.25	
06 11 16 00-0070	LF	4" x 10" Redwood, Construction Grade/Rough Post.....	11.01	2.10
		For Smooth "Clear", Add	1.57	
06 11 16 00-0071	LF	6" x 6" Redwood, Construction Grade/Rough Post.....	10.21	2.07
		For Smooth "Clear", Add	1.41	
06 11 16 00-0072	LF	6" x 8" Redwood, Construction Grade/Rough Post.....	12.68	2.15
		For Smooth "Clear", Add	1.88	
06 11 16 00-0073	LF	6" x 10" Redwood, Construction Grade/Rough Post.....	15.12	2.02
		For Smooth "Clear", Add	2.35	
06 11 16 00-0074	LF	8" x 8" Redwood, Construction Grade/Rough Post.....	15.98	2.15
		For Smooth "Clear", Add	2.51	
06 11 16 00-0075		Stair Stringers <small>(06 11 16)</small>		
		See CSI section 06 43 13 00-0001 for treads and risers.		
06 11 16 00-0076	LF	2" x 10" Wood Stair Stringer	5.94	3.19
06 11 16 00-0077	LF	2" x 12" Wood Stair Stringer	7.04	3.75
06 11 16 00-0078	LF	2" x 10" Pressure Treated Wood Stair Stringer.....	6.68	3.19
06 11 16 00-0079	LF	2" x 12" Pressure Treated Wood Stair Stringer.....	8.06	3.75
06 11 16 00-0080		Blocking <small>(06 11 16)</small>		
06 11 16 00-0081		Blocking <small>(06 11 16 00-0080)</small>		
06 11 16 00-0082		Blocking To Wood <small>(06 11 16 00-0081)</small>		
06 11 16 00-0083	LF	2" x 4" Pressure Treated Wood Blocking To Wood.....	4.77	1.92
06 11 16 00-0084	LF	2" x 6" Pressure Treated Wood Blocking To Wood.....	5.78	2.10
06 11 16 00-0085	LF	2" x 8" Pressure Treated Wood Blocking To Wood.....	6.67	2.31
06 11 16 00-0086	LF	4" x 4" Pressure Treated Wood Blocking To Wood.....	7.83	2.55
06 11 16 00-0087	LF	4" x 6" Pressure Treated Wood Blocking To Wood.....	8.38	2.80
06 11 16 00-0088	LF	2" x 4" Wood Blocking To Wood	4.19	1.92
06 11 16 00-0089	LF	2" x 6" Wood Blocking To Wood	4.81	2.10
06 11 16 00-0090	LF	2" x 8" Wood Blocking To Wood	5.49	2.31
06 11 16 00-0091	LF	4" x 4" Wood Blocking To Wood	5.83	2.55
06 11 16 00-0092	LF	4" x 6" Wood Blocking To Wood	6.52	2.80
06 11 16 00-0093		Blocking To Steel <small>(06 11 16 00-0081)</small>		
06 11 16 00-0094	LF	2" x 4" Pressure Treated Wood Blocking To Steel.....	5.45	2.20
06 11 16 00-0095	LF	2" x 6" Pressure Treated Wood Blocking To Steel.....	6.57	2.43
06 11 16 00-0096	LF	2" x 8" Pressure Treated Wood Blocking To Steel.....	7.56	2.66
06 11 16 00-0097	LF	2" x 4" Wood Blocking To Steel	4.81	2.20
06 11 16 00-0098	LF	2" x 6" Wood Blocking To Steel	5.50	2.43
06 11 16 00-0099	LF	2" x 8" Wood Blocking To Steel	6.27	2.66
06 11 16 00-0100		Blocking To Concrete <small>(06 11 16 00-0081)</small>		
06 11 16 00-0101	LF	2" x 4" Pressure Treated Wood Blocking To Concrete	5.45	2.20
06 11 16 00-0102	LF	2" x 6" Pressure Treated Wood Blocking To Concrete	6.57	2.43
06 11 16 00-0103	LF	2" x 8" Pressure Treated Wood Blocking To Concrete	7.56	2.66
06 11 16 00-0104	LF	2" x 4" Wood Blocking To Concrete	4.81	2.20
06 11 16 00-0105	LF	2" x 6" Wood Blocking To Concrete	5.50	2.43
06 11 16 00-0106	LF	2" x 8" Wood Blocking To Concrete	6.27	2.66
06 11 16 00-0107		Pressure Treated Lattice <small>(06 11 16 00-0080)</small>		
06 11 16 00-0108	SF	3/4" Thick Pressure Treated Wood Lattice.....	4.90	1.68
06 11 16 00-0109		Roofing Nailers <small>(06 11 16)</small>		
06 11 16 00-0110	LF	2" x 4" Pressure Treated Lumber, For Roofing Nailers	2.49	0.64
06 11 16 00-0111	LF	2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.00	0.68
06 11 16 00-0112	LF	2" x 8" Pressure Treated Lumber, For Roofing Nailers	3.52	0.72
06 11 16 00-0113		Roofing Sleepers <small>(06 11 16)</small>		
06 11 16 00-0114	LF	2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.25	
06 11 16 00-0115	LF	4" x 4" Pressure Treated Lumber, For Roofing Sleepers	2.84	
06 11 16 00-0116	LF	4" x 6" Pressure Treated Lumber, For Roofing Sleepers	3.70	
06 11 16 00-0117	LF	6" x 6" Pressure Treated Lumber, For Roofing Sleepers	5.00	

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

06 11 16 00-0118			Canopy Framing, Bridging, And Furring (06 11 16)		
06 11 16 00-0119			Wood And Steel Bridging (06 11 16 00-0118)		
06 11 16 00-0120			Wood Bridging (06 11 16 00-0119)		
06 11 16 00-0121	EA		1 Pair Wood Bridging, 1" x 3" Cross Type Note: For joists spaced at 16" on center.	6.45	2.79
06 11 16 00-0122	EA		1 Pair Wood Bridging, 2" x 3" Cross Type Note: For joists spaced at 16" on center.	6.65	2.79
06 11 16 00-0123			Steel Bridging (06 11 16 00-0119)		
06 11 16 00-0124	EA		1 Pair Steel Bridging, Wood Joists At 16" On Center.....	7.44	2.79
06 11 16 00-0125	EA		1 Pair Steel Bridging, Wood Joists At 24" On Center.....	7.42	2.79
06 11 16 00-0126			Light Framing, Trim And Furring (06 11 16 00-0118)		
06 11 16 00-0127			Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0128	LF		1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	1.42	0.65
06 11 16 00-0129	LF		1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	1.59	0.72
06 11 16 00-0130	LF		1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	1.84	0.79
06 11 16 00-0131	LF		1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.06	0.87
06 11 16 00-0132	LF		1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	2.28	0.95
06 11 16 00-0133	LF		1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	2.52	1.06
06 11 16 00-0134	LF		2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.07	0.87
06 11 16 00-0135	LF		2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.31	0.95
06 11 16 00-0136	LF		2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.70	1.06
06 11 16 00-0137	LF		2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.17	1.16
06 11 16 00-0138	LF		2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.74	1.28
06 11 16 00-0139			Cedar Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0140	LF		1" x 1" Cedar Light Framing, Trim And Furring	1.44	0.65
06 11 16 00-0141	LF		1" x 2" Cedar Light Framing, Trim And Furring	1.69	0.72
06 11 16 00-0142	LF		1" x 4" Cedar Light Framing, Trim And Furring	2.23	0.79
06 11 16 00-0143	LF		1" x 6" Cedar Light Framing, Trim And Furring	2.71	0.87
06 11 16 00-0144	LF		1" x 8" Cedar Light Framing, Trim And Furring	4.00	0.95
06 11 16 00-0145	LF		1" x 10" Cedar Light Framing, Trim And Furring	4.72	1.06
06 11 16 00-0146	LF		2" x 2" Cedar Light Framing, Trim And Furring	2.32	0.87
06 11 16 00-0147	LF		2" x 4" Cedar Light Framing, Trim And Furring	2.68	0.95
06 11 16 00-0148			Oak Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0149	LF		1" x 1" Oak Light Framing, Trim And Furring	1.45	0.65
06 11 16 00-0150	LF		1" x 2" Oak Light Framing, Trim And Furring	1.71	0.72
06 11 16 00-0151	LF		1" x 4" Oak Light Framing, Trim And Furring	2.13	0.79
06 11 16 00-0152	LF		1" x 6" Oak Light Framing, Trim And Furring	2.57	0.87
06 11 16 00-0153	LF		1" x 8" Oak Light Framing, Trim And Furring	3.01	0.95
06 11 16 00-0154	LF		1" x 10" Oak Light Framing, Trim And Furring	3.48	1.06
06 11 16 00-0155	LF		2" x 2" Oak Light Framing, Trim And Furring	2.29	0.87
06 11 16 00-0156	LF		2" x 4" Oak Light Framing, Trim And Furring	3.02	0.95
06 11 16 00-0157			Redwood Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0158	LF		1" x 1" Redwood Light Framing, Trim And Furring.....	1.41	0.65
06 11 16 00-0159	LF		1" x 2" Redwood Light Framing, Trim And Furring.....	1.63	0.72
06 11 16 00-0160	LF		1" x 4" Redwood Light Framing, Trim And Furring.....	2.00	0.79
06 11 16 00-0161	LF		1" x 6" Redwood Light Framing, Trim And Furring.....	2.40	0.87
06 11 16 00-0162	LF		1" x 8" Redwood Light Framing, Trim And Furring.....	2.84	0.95
06 11 16 00-0163	LF		1" x 10" Redwood Light Framing, Trim And Furring.....	3.32	1.06
06 11 16 00-0164	LF		2" x 2" Redwood Light Framing, Trim And Furring.....	2.42	0.87
06 11 16 00-0165	LF		2" x 4" Redwood Light Framing, Trim And Furring.....	2.86	0.95
06 11 16 00-0166			Poplar Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0167	LF		1" x 1" Poplar Light Framing, Trim And Furring	1.64	0.65
06 11 16 00-0168	LF		1" x 2" Poplar Light Framing, Trim And Furring	2.00	0.72
06 11 16 00-0169	LF		1" x 4" Poplar Light Framing, Trim And Furring	2.52	0.79
06 11 16 00-0170	LF		1" x 6" Poplar Light Framing, Trim And Furring	3.20	0.87
06 11 16 00-0171	LF		1" x 8" Poplar Light Framing, Trim And Furring	3.71	0.95
06 11 16 00-0172	LF		1" x 10" Poplar Light Framing, Trim And Furring	4.89	1.06
06 11 16 00-0173	LF		1" x 12" Poplar Light Framing, Trim And Furring	5.29	1.06
06 11 16 00-0174	LF		2" x 2" Poplar Light Framing, Trim And Furring	4.19	0.87
06 11 16 00-0175	LF		2" x 4" Poplar Light Framing, Trim And Furring	4.70	0.95
06 11 16 00-0176	LF		2" x 6" Poplar Light Framing, Trim And Furring	6.27	1.06
06 11 16 00-0177			Maple Light Framing, Trim And Furring (06 11 16 00-0126)		
06 11 16 00-0178	LF		1" x 4" Maple Light Framing, Trim And Furring	3.52	0.79
06 11 16 00-0179	LF		1" x 6" Maple Light Framing, Trim And Furring	4.77	0.87
06 11 16 00-0180	LF		1" x 8" Maple Light Framing, Trim And Furring	6.03	0.95

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0181			Rafters And Joists (06 11 16)		
06 11 16 00-0182			Rafters (06 11 16 00-0181)		
			Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0183	LF		2" x 6" Wood Rafter	1.88	0.95
06 11 16 00-0184	LF		2" x 8" Wood Rafter	2.21	1.04
06 11 16 00-0185	LF		2" x 10" Wood Rafter	3.18	1.51
06 11 16 00-0186	LF		2" x 12" Wood Rafter	3.67	1.68
06 11 16 00-0187	LF		2" x 14" Wood Rafter	4.00	1.84
06 11 16 00-0188	LF		2" x 6" Pressure Treated Wood Rafter.....	2.37	0.95
06 11 16 00-0189	LF		2" x 8" Pressure Treated Wood Rafter.....	2.89	1.04
06 11 16 00-0190	LF		2" x 10" Pressure Treated Wood Rafter.....	3.89	1.51
06 11 16 00-0191	LF		2" x 12" Pressure Treated Wood Rafter.....	4.70	1.68
06 11 16 00-0192			Joists (06 11 16 00-0181)		
			Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0193	LF		2" x 6" Wood Floor Joist.....	1.64	0.80
06 11 16 00-0194	LF		2" x 8" Wood Floor Joist.....	2.05	0.87
06 11 16 00-0195	LF		2" x 10" Wood Floor Joist.....	2.62	1.12
06 11 16 00-0196	LF		2" x 12" Wood Floor Joist.....	3.12	1.28
06 11 16 00-0197	LF		2" x 14" Wood Floor Joist.....	3.44	1.36
06 11 16 00-0198	LF		2" x 6" Pressure Treated Wood Floor Joist	2.13	0.80
06 11 16 00-0199	LF		2" x 8" Pressure Treated Wood Floor Joist.....	2.73	0.87
06 11 16 00-0200	LF		2" x 10" Pressure Treated Wood Floor Joist.....	3.33	1.12
06 11 16 00-0201	LF		2" x 12" Pressure Treated Wood Floor Joist.....	4.15	1.28
06 11 16 00-0202			Purlins (06 11 16 00-0181)		
			Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0203	LF		2" x 4" Wood Purlin.....	1.31	0.48
06 11 16 00-0204	LF		2" x 6" Wood Purlin.....	1.66	0.53
06 11 16 00-0205	LF		2" x 8" Wood Purlin.....	2.01	0.58
06 11 16 00-0206	LF		2" x 10" Wood Purlin.....	2.47	0.64
06 11 16 00-0207	LF		2" x 4" Pressure Treated Wood Purlin	1.60	0.48
06 11 16 00-0208	LF		2" x 6" Pressure Treated Wood Purlin	2.15	0.53
06 11 16 00-0209	LF		2" x 8" Pressure Treated Wood Purlin	2.69	0.58
06 11 16 00-0210	LF		2" x 10" Pressure Treated Wood Purlin	3.18	0.64
06 11 16 00-0211			Exposed Rafters Or Joists (06 11 16 00-0181)		
06 11 16 00-0212			Redwood Rafters Or Joists (06 11 16 00-0211)		
06 11 16 00-0213	LF		2" x 6" Redwood Rafter Or Joist	2.53	0.80
06 11 16 00-0214	LF		2" x 8" Redwood Rafter Or Joist	3.08	0.87
06 11 16 00-0215	LF		2" x 10" Redwood Rafter Or Joist	3.83	1.12
06 11 16 00-0216	LF		2" x 12" Redwood Rafter Or Joist	4.66	1.28
06 11 16 00-0217			Cedar Rafters Or Joists (06 11 16 00-0211)		
06 11 16 00-0218	LF		2" x 6" Cedar Rafter Or Joist.....	1.65	0.80
06 11 16 00-0219	LF		2" x 8" Cedar Rafter Or Joist.....	1.85	0.87
06 11 16 00-0220	LF		2" x 10" Cedar Rafter Or Joist.....	2.12	1.12
06 11 16 00-0221	LF		2" x 12" Cedar Rafter Or Joist.....	2.41	1.28
06 11 16 00-0222			Oak Rafters Or Joists (06 11 16 00-0211)		
06 11 16 00-0223	LF		2" x 6" Oak Rafter Or Joist.....	2.01	0.80
06 11 16 00-0224	LF		2" x 8" Oak Rafter Or Joist.....	2.76	0.87
06 11 16 00-0225	LF		2" x 10" Oak Rafter Or Joist.....	3.58	1.12
06 11 16 00-0226	LF		2" x 12" Oak Rafter Or Joist.....	4.42	1.28
06 11 16 00-0227			Framing (06 11 16)		
06 11 16 00-0228			Partition Framing (06 11 16 00-0227)		
06 11 16 00-0229	LF		2" x 4" Wood Stud Framing, For Partition Walls.....	1.27	0.64
06 11 16 00-0230	LF		2" x 6" Wood Stud Framing, For Partition Walls.....	1.55	0.68
06 11 16 00-0231	LF		2" x 8" Wood Stud Framing, For Partition Walls.....	1.85	0.72
06 11 16 00-0232	LF		2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.56	0.64
06 11 16 00-0233	LF		2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.04	0.68
06 11 16 00-0234	LF		2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.53	0.72
06 11 16 00-0235			Wall Framing Assemblies By The SF (06 11 16 00-0227)		
			Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Do not deduct for openings of less than 25 SF when calculating total wall square footage.		
06 11 16 00-0236			Wall Framing By The SF, 12" On Center (06 11 16 00-0235)		
06 11 16 00-0237	SF		2" x 4" Wood Wall Framing At 12" On Center.....	1.66	0.77
			For Up To 200, Add	0.56	
			For >200 To 500, Add	0.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0238	SF		2" x 6" Wood Wall Framing At 12" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	2.23 0.74 0.37	0.99
06 11 16 00-0239	SF		2" x 8" Wood Wall Framing At 12" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	2.98 0.99 0.49	1.32
06 11 16 00-0240			Wall Framing By The SF, 16" On Center (06 11 16 00-0235)		
06 11 16 00-0241	SF		2" x 4" Wood Wall Framing At 16" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	1.35 0.45 0.23	0.62
06 11 16 00-0242	SF		2" x 6" Wood Wall Framing At 16" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	1.85 0.61 0.31	0.82
06 11 16 00-0243	SF		2" x 8" Wood Wall Framing At 16" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	2.48 0.82 0.41	1.10
06 11 16 00-0244			Wall Framing By The SF, 24" On Center (06 11 16 00-0235)		
06 11 16 00-0245	SF		2" x 4" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	1.06 0.36 0.18	0.49
06 11 16 00-0246	SF		2" x 6" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	1.45 0.48 0.24	0.64
06 11 16 00-0247	SF		2" x 8" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add</i> <i>For >200 To 500, Add</i>	1.95 0.64 0.32	0.85
06 11 16 00-0248			Platform Edging (06 11 16) Note: Includes bolting to concrete surface.		
06 11 16 00-0249	LF		1" Wood Platform Edging, Including Bolts.....	11.51	4.99
06 11 16 00-0250	LF		2" Wood Platform Edging, Including Bolts.....	14.72	5.81
06 13 Heavy Timber Construction (06 10)					
06 13 23 Heavy Timber Framing (06 13)					
06 13 23 00-0001			Heavy Timber Framing (06 13 23) Note: Excludes fasteners.		
06 13 23 00-0002			Heavy Timber Beams (06 13 23 00-0001)		
06 13 23 00-0003			Pine, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0004	LF		4" x 4", Pine, Heavy Timber Beam.....	4.04	1.41
06 13 23 00-0005	LF		4" x 6", Pine, Heavy Timber Beam.....	4.78	1.47
06 13 23 00-0006	LF		4" x 8", Pine, Heavy Timber Beam.....	5.49	1.53
06 13 23 00-0007	LF		4" x 10", Pine, Heavy Timber Beam.....	6.94	1.64
06 13 23 00-0008	LF		4" x 12", Pine, Heavy Timber Beam.....	8.14	1.74
06 13 23 00-0009	LF		6" x 6", Pine, Heavy Timber Beam.....	5.88	1.59
06 13 23 00-0010	LF		6" x 8", Pine, Heavy Timber Beam.....	6.93	1.68
06 13 23 00-0011	LF		6" x 10", Pine, Heavy Timber Beam.....	9.10	1.80
06 13 23 00-0012	LF		6" x 12", Pine, Heavy Timber Beam.....	10.67	1.84
06 13 23 00-0013	LF		8" x 8", Pine, Heavy Timber Beam.....	8.31	1.74
06 13 23 00-0014	LF		8" x 10", Pine, Heavy Timber Beam.....	10.94	1.80
06 13 23 00-0015	LF		8" x 12", Pine, Heavy Timber Beam.....	13.07	1.84
06 13 23 00-0016	LF		10" x 10", Pine, Heavy Timber Beam.....	12.94	1.84
06 13 23 00-0017	LF		10" x 12", Pine, Heavy Timber Beam.....	15.67	1.99
06 13 23 00-0018	LF		12" x 12", Pine, Heavy Timber Beam.....	18.40	2.19
06 13 23 00-0019			Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0020	LF		4" x 4", Douglas Fir, Heavy Timber Beam.....	4.16	1.41
06 13 23 00-0021	LF		4" x 6", Douglas Fir, Heavy Timber Beam.....	4.96	1.47
06 13 23 00-0022	LF		4" x 8", Douglas Fir, Heavy Timber Beam.....	5.74	1.53
06 13 23 00-0023	LF		4" x 10", Douglas Fir, Heavy Timber Beam.....	7.31	1.64
06 13 23 00-0024	LF		4" x 12", Douglas Fir, Heavy Timber Beam.....	8.60	1.74
06 13 23 00-0025	LF		6" x 6", Douglas Fir, Heavy Timber Beam.....	6.15	1.59
06 13 23 00-0026	LF		6" x 8", Douglas Fir, Heavy Timber Beam.....	7.29	1.68
06 13 23 00-0027	LF		6" x 10", Douglas Fir, Heavy Timber Beam.....	9.65	1.80
06 13 23 00-0028	LF		6" x 12", Douglas Fir, Heavy Timber Beam.....	11.38	1.84
06 13 23 00-0029	LF		8" x 8", Douglas Fir, Heavy Timber Beam.....	8.79	1.74
06 13 23 00-0030	LF		8" x 10", Douglas Fir, Heavy Timber Beam.....	11.67	1.80
06 13 23 00-0031	LF		8" x 12", Douglas Fir, Heavy Timber Beam.....	14.01	1.84
06 13 23 00-0032	LF		10" x 10", Douglas Fir, Heavy Timber Beam.....	13.85	1.84
06 13 23 00-0033	LF		10" x 12", Douglas Fir, Heavy Timber Beam.....	16.82	1.99
06 13 23 00-0034	LF		12" x 12", Douglas Fir, Heavy Timber Beam.....	19.79	2.19
06 13 23 00-0035			Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0036	LF		4" x 4", Pressure Treated, Heavy Timber Beam.....	3.99	1.41
06 13 23 00-0037	LF		4" x 6", Pressure Treated, Heavy Timber Beam.....	4.80	1.47
06 13 23 00-0038	LF		4" x 8", Pressure Treated, Heavy Timber Beam.....	5.49	1.53

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 13 Heavy Timber Construction**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 13 23 00-0039	LF	4" x 10", Pressure Treated, Heavy Timber Beam	6.95	1.64
06 13 23 00-0040	LF	4" x 12", Pressure Treated, Heavy Timber Beam	8.14	1.74
06 13 23 00-0041	LF	6" x 6", Pressure Treated, Heavy Timber Beam	5.88	1.59
06 13 23 00-0042	LF	6" x 8", Pressure Treated, Heavy Timber Beam	6.19	1.68
06 13 23 00-0043	LF	6" x 10", Pressure Treated, Heavy Timber Beam	8.79	1.80
06 13 23 00-0044	LF	6" x 12", Pressure Treated, Heavy Timber Beam	10.49	1.84
06 13 23 00-0045	LF	8" x 8", Pressure Treated, Heavy Timber Beam	10.51	1.74
06 13 23 00-0046	LF	8" x 10", Pressure Treated, Heavy Timber Beam	12.03	1.80
06 13 23 00-0047	LF	8" x 12", Pressure Treated, Heavy Timber Beam	13.98	1.84
06 13 23 00-0048	LF	10" x 10", Pressure Treated, Heavy Timber Beam	14.04	1.84
06 13 23 00-0049	LF	10" x 12", Pressure Treated, Heavy Timber Beam	18.20	1.99
06 13 23 00-0050	LF	12" x 12", Pressure Treated, Heavy Timber Beam	21.44	2.19

06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)**06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0001)**

06 13 23 00-0053	LF	4" x 4", Pine, Heavy Timber Column	2.70	0.74
06 13 23 00-0054	LF	4" x 6", Pine, Heavy Timber Column	3.39	0.79
06 13 23 00-0055	LF	4" x 8", Pine, Heavy Timber Column	4.03	0.81
06 13 23 00-0056	LF	4" x 10", Pine, Heavy Timber Column	5.40	0.86
06 13 23 00-0057	LF	4" x 12", Pine, Heavy Timber Column	6.50	0.91
06 13 23 00-0058	LF	6" x 6", Pine, Heavy Timber Column	4.39	0.83
06 13 23 00-0059	LF	6" x 8", Pine, Heavy Timber Column	5.37	0.87
06 13 23 00-0060	LF	6" x 10", Pine, Heavy Timber Column	7.40	0.94
06 13 23 00-0061	LF	6" x 12", Pine, Heavy Timber Column	8.93	0.96
06 13 23 00-0062	LF	8" x 8", Pine, Heavy Timber Column	6.67	0.91
06 13 23 00-0063	LF	8" x 10", Pine, Heavy Timber Column	9.24	0.94
06 13 23 00-0064	LF	8" x 12", Pine, Heavy Timber Column	11.30	0.99
06 13 23 00-0065	LF	10" x 10", Pine, Heavy Timber Column	11.16	0.99
06 13 23 00-0066	LF	10" x 12", Pine, Heavy Timber Column	13.78	1.05
06 13 23 00-0067	LF	12" x 12", Pine, Heavy Timber Column	16.32	1.16

06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0001)

06 13 23 00-0069	LF	4" x 4", Douglas Fir, Heavy Timber Column	2.82	0.74
06 13 23 00-0070	LF	4" x 6", Douglas Fir, Heavy Timber Column	3.57	0.79
06 13 23 00-0071	LF	4" x 8", Douglas Fir, Heavy Timber Column	4.28	0.81
06 13 23 00-0072	LF	4" x 10", Douglas Fir, Heavy Timber Column	5.77	0.86
06 13 23 00-0073	LF	4" x 12", Douglas Fir, Heavy Timber Column	6.96	0.91
06 13 23 00-0074	LF	6" x 6", Douglas Fir, Heavy Timber Column	4.66	0.83
06 13 23 00-0075	LF	6" x 8", Douglas Fir, Heavy Timber Column	5.73	0.87
06 13 23 00-0076	LF	6" x 10", Douglas Fir, Heavy Timber Column	7.95	0.94
06 13 23 00-0077	LF	6" x 12", Douglas Fir, Heavy Timber Column	9.64	0.96
06 13 23 00-0078	LF	8" x 8", Douglas Fir, Heavy Timber Column	7.15	0.91
06 13 23 00-0079	LF	8" x 10", Douglas Fir, Heavy Timber Column	9.97	0.94
06 13 23 00-0080	LF	8" x 12", Douglas Fir, Heavy Timber Column	12.24	0.99
06 13 23 00-0081	LF	10" x 10", Douglas Fir, Heavy Timber Column	12.07	0.99
06 13 23 00-0082	LF	10" x 12", Douglas Fir, Heavy Timber Column	14.93	1.05
06 13 23 00-0083	LF	12" x 12", Douglas Fir, Heavy Timber Column	17.71	1.16

06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0001)

06 13 23 00-0085	LF	4" x 4", Pressure Treated, Heavy Timber Column	2.65	0.74
06 13 23 00-0086	LF	4" x 6", Pressure Treated, Heavy Timber Column	3.41	0.79
06 13 23 00-0087	LF	4" x 8", Pressure Treated, Heavy Timber Column	4.03	0.81
06 13 23 00-0088	LF	4" x 10", Pressure Treated, Heavy Timber Column	5.41	0.86
06 13 23 00-0089	LF	4" x 12", Pressure Treated, Heavy Timber Column	6.50	0.91
06 13 23 00-0090	LF	6" x 6", Pressure Treated, Heavy Timber Column	4.39	0.83
06 13 23 00-0091	LF	6" x 8", Pressure Treated, Heavy Timber Column	4.63	0.87
06 13 23 00-0092	LF	6" x 10", Pressure Treated, Heavy Timber Column	7.09	0.94
06 13 23 00-0093	LF	6" x 12", Pressure Treated, Heavy Timber Column	8.75	0.96
06 13 23 00-0094	LF	8" x 8", Pressure Treated, Heavy Timber Column	8.87	0.91
06 13 23 00-0095	LF	8" x 10", Pressure Treated, Heavy Timber Column	10.33	0.94
06 13 23 00-0096	LF	8" x 12", Pressure Treated, Heavy Timber Column	12.21	0.99
06 13 23 00-0097	LF	10" x 10", Pressure Treated, Heavy Timber Column	12.26	0.99
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column	16.31	1.05
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column	19.36	1.16

06 15 Wood Decking (06 10)**06 15 13 Wood Floor Decking (06 15)****06 15 13 00-0001 Wood Deck Systems (06 15 13)**

Note: Includes the deck, joists, girders, posts (8' O.C.), pickets and railing.

06 15 13 00-0002 Pressure Treated Wood Deck System (06 15 13 00-0001)**06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)**

06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.81	5.57
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	23.86	5.30
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	25.64	5.72
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	24.68	5.44

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)		
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.57	5.72
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	24.59	5.43
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.41	5.86
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center.....	25.43	5.56
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System (06 15 13 00-0002)		
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	24.81	5.57
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	23.86	5.30
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	25.64	5.72
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	24.68	5.44
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)		
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)		
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.90	5.57
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.00	5.15
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	27.01	5.72
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.96	5.44
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)		
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	27.28	5.72
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.35	5.43
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	28.45	5.86
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	27.40	5.56
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System (06 15 13 00-0018)		
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.34	5.57
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	25.44	5.30
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	27.47	5.72
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.77	5.44
06 15 13 00-0034		Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0001)		
06 15 13 00-0035		2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0036	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.41	5.57
06 15 13 00-0037	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	24.49	5.30
06 15 13 00-0038	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.45	5.72
06 15 13 00-0039	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.39	5.44
06 15 13 00-0040		2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0041	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.69	5.72
06 15 13 00-0042	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.74	5.43
06 15 13 00-0043	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	27.79	5.86
06 15 13 00-0044	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.93	5.56
06 15 13 00-0045		2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System (06 15 13 00-0034)		
06 15 13 00-0046	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.13	5.57
06 15 13 00-0047	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	24.87	5.30
06 15 13 00-0048	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.86	5.72
06 15 13 00-0049	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.00	5.44
06 15 13 00-0050		Cedar With Pressure Treated Joists Wood Deck System (06 15 13 00-0001)		
06 15 13 00-0051		2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0052	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.20	5.57
06 15 13 00-0053	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	24.27	5.30
06 15 13 00-0054	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.07	5.72
06 15 13 00-0055	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.12	5.44
06 15 13 00-0056		2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0057	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.99	5.72
06 15 13 00-0058	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.21	5.43
06 15 13 00-0059	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	26.86	5.86

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 15 13 00-0060	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	25.93	5.56
06 15 13 00-0061		2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System (06 15 13 00-0050)		
06 15 13 00-0062	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	25.45	5.57
06 15 13 00-0063	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	24.52	5.30
06 15 13 00-0064	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	26.32	5.72
06 15 13 00-0065	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	25.37	5.44
06 15 13 00-0066		Wood Stair Systems (06 15 13)		
		Note: Includes the decking, joists, girders, posts at corners and along stairs, pickets and railing.		
06 15 13 00-0067		Pressure Treated Wood Stair System (06 15 13 00-0066)		
06 15 13 00-0068		2" x 10" Joists, Pressure Treated Wood Stair System (06 15 13 00-0067)		
06 15 13 00-0069	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	77.08	13.38
06 15 13 00-0070	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	74.53	12.71
06 15 13 00-0071	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	79.32	13.72
06 15 13 00-0072	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	76.47	13.03
06 15 13 00-0073	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	80.93	14.06
06 15 13 00-0074	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	78.26	13.35
06 15 13 00-0075	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	83.28	14.41
06 15 13 00-0076	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	80.31	13.69
06 15 13 00-0077	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	84.91	14.76
06 15 13 00-0078	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	82.10	14.02
06 15 13 00-0079	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	87.39	15.13
06 15 13 00-0080	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	84.25	14.37
06 15 13 00-0081	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	89.82	15.50
06 15 13 00-0082	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	86.91	14.71
06 15 13 00-0083	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	92.44	15.89
06 15 13 00-0084	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	89.18	15.10
06 15 13 00-0085		2" x 12" Joists, Pressure Treated Wood Stair System (06 15 13 00-0067)		
06 15 13 00-0086	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	78.81	13.71
06 15 13 00-0087	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	76.00	13.03
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	81.17	14.07
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	78.28	13.37
06 15 13 00-0090	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	82.76	14.40
06 15 13 00-0091	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	79.80	13.69
06 15 13 00-0092	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	85.23	14.77
06 15 13 00-0093	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	82.20	14.03
06 15 13 00-0094	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	86.83	15.12
06 15 13 00-0095	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	83.72	14.37
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	89.42	15.51
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	86.24	14.74
06 15 13 00-0098	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	91.85	15.88
06 15 13 00-0099	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	88.60	15.09
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	94.60	16.29
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	91.28	15.48
06 15 13 00-0102		Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0066)		
06 15 13 00-0103		2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0102)		
06 15 13 00-0104	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	83.12	13.38
06 15 13 00-0105	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	80.51	12.71
06 15 13 00-0106	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	85.73	13.72
06 15 13 00-0107	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	83.08	13.03
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	87.27	14.06
06 15 13 00-0109	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	84.54	13.35
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	90.02	14.41
06 15 13 00-0111	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	87.25	13.69
06 15 13 00-0112	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	91.54	14.76
06 15 13 00-0113	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	88.67	14.02
06 15 13 00-0114	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	94.43	15.13
06 15 13 00-0115	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	91.50	14.37
06 15 13 00-0116	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	97.12	15.50
06 15 13 00-0117	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	94.13	14.71
06 15 13 00-0118	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	100.19	15.89
06 15 13 00-0119	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	97.16	15.10
06 15 13 00-0120		2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0102)		
06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	83.07	13.71
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	80.41	13.03
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	85.60	14.07
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	82.93	13.37
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	87.23	14.40
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	84.43	13.69
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	89.89	14.77
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	87.08	14.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0129	RSR		4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	91.51	15.12
06 15 13 00-0130	RSR		4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	88.56	14.37
06 15 13 00-0131	RSR		4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	94.28	15.51
06 15 13 00-0132	RSR		4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	91.34	14.74
06 15 13 00-0133	RSR		5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	96.99	15.88
06 15 13 00-0134	RSR		5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	93.93	15.09
06 15 13 00-0135	RSR		5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	99.95	16.29
06 15 13 00-0136	RSR		5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	96.88	15.48
06 15 13 00-0137			Wood Deck And Ramp Systems Repairs <small>(06 15 13)</small> Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0138			Deck Joist Or Girt <small>(06 15 13 00-0137)</small> See CSI section 06 11 16 00-0192 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0139			Deck Boards <small>(06 15 13 00-0137)</small> See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0140	LF		5/4" x 4" Round Edge Pressure Treated Deck Boards.....	1.64	0.61
06 15 13 00-0141	LF		5/4" x 6" Round Edge Pressure Treated Deck Boards.....	1.81	0.72
06 15 13 00-0142	LF		2" x 4" Round Edge Pressure Treated Deck Boards.....	1.77	0.72
06 15 13 00-0143	LF		2" x 6" Round Edge Pressure Treated Deck Boards.....	2.37	0.83
06 15 13 00-0144	LF		2" x 8" Round Edge Pressure Treated Deck Boards.....	3.04	1.01
06 15 13 00-0145	LF		2" x 10" Round Edge Pressure Treated Deck Boards.....	3.73	1.23
06 15 13 00-0146	LF		2" x 12" Round Edge Pressure Treated Deck Boards.....	4.62	1.45
06 15 13 00-0147	LF		2" x 4" Round Edge Cedar Deck Boards.....	1.88	0.72
06 15 13 00-0148	LF		2" x 6" Round Edge Cedar Deck Boards.....	2.43	0.83
06 15 13 00-0149	LF		2" x 4" Round Edge Redwood Deck Boards.....	2.06	0.72
06 15 13 00-0150	LF		2" x 6" Round Edge Redwood Deck Boards.....	2.70	0.83
06 15 13 00-0151			Deck Posts <small>(06 15 13 00-0137)</small> See CSI section 06 11 16 00-0036 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0152			Deck Railing And Pickets <small>(06 15 13 00-0137)</small> See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0153	LF		2" x 4" Pressure Treated Deck Railing.....	1.77	0.72
06 15 13 00-0154	LF		2" x 2" Pressure Treated Deck Railing Picket.....	1.17	0.56
06 15 13 00-0155	LF		2" x 4" Cedar Deck Railing.....	1.88	0.72
06 15 13 00-0156	LF		2" x 2" Cedar Deck Railing Picket.....	1.41	0.56
06 15 13 00-0157	LF		2" x 4" Redwood Deck Railing.....	2.06	0.72
06 15 13 00-0158	LF		2" x 2" Redwood Deck Railing Picket.....	1.55	0.56
06 15 13 00-0159			Wood Ramp Systems <small>(06 15 13)</small> Note: Includes the decking, joists, girders, posts at corners and along ramp, pickets and railing.		
06 15 13 00-0160			Pressure Treated Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0161			2" x 6" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0162	SF		5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	29.36	5.44
06 15 13 00-0163	SF		5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	28.17	5.17
06 15 13 00-0164	SF		2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	30.29	5.57
06 15 13 00-0165	SF		2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	29.09	5.30
06 15 13 00-0166			2" x 8" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0167	SF		5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	30.22	5.57
06 15 13 00-0168	SF		5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	29.01	5.30
06 15 13 00-0169	SF		2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	31.18	5.72
06 15 13 00-0170	SF		2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	29.97	5.44
06 15 13 00-0171			2" x 10" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0160)</small>		
06 15 13 00-0172	SF		5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	31.10	5.71
06 15 13 00-0173	SF		5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	29.86	5.43
06 15 13 00-0174	SF		2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	32.10	5.86
06 15 13 00-0175	SF		2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	30.84	5.56
06 15 13 00-0176			Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0159)</small>		
06 15 13 00-0177			2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0176)</small>		
06 15 13 00-0178	SF		5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	30.39	5.44
06 15 13 00-0179	SF		5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	29.24	5.17
06 15 13 00-0180	SF		2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	31.57	5.57
06 15 13 00-0181	SF		2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	30.30	5.30
06 15 13 00-0182			2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0176)</small>		
06 15 13 00-0183	SF		5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	31.31	5.57
06 15 13 00-0184	SF		5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	30.15	5.30
06 15 13 00-0185	SF		2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	32.55	5.72
06 15 13 00-0186	SF		2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	31.25	5.44

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 15 13 00-0187	2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0176)		
06 15 13 00-0188	SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	32.82	5.71
06 15 13 00-0189	SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	31.62	5.43
06 15 13 00-0190	SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	34.14	5.86
06 15 13 00-0191	SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	33.04	5.56
06 15 13 00-0192	Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0159)		
06 15 13 00-0193	2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0192)		
06 15 13 00-0194	SF 5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	29.73	5.44
06 15 13 00-0195	SF 5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	28.54	5.17
06 15 13 00-0196	SF 2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	30.68	5.57
06 15 13 00-0197	SF 2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	29.50	5.30
06 15 13 00-0198	2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0192)		
06 15 13 00-0199	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	30.61	5.57
06 15 13 00-0200	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	29.41	5.30
06 15 13 00-0201	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	31.60	5.72
06 15 13 00-0202	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	30.40	5.44
06 15 13 00-0203	2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System (06 15 13 00-0192)		
06 15 13 00-0204	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	31.52	5.71
06 15 13 00-0205	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	30.29	5.43
06 15 13 00-0206	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	32.55	5.86
06 15 13 00-0207	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	31.31	5.56

06 16 Sheathing (06 10)**06 16 23 Subflooring (06 16)**

06 16 23 00-0001	Board Type Subflooring (06 16 23)		
06 16 23 00-0002	SF 1" x 8" Regular Surface Board Type Subfloor.....	2.50	0.64
	Note: 4 Sides Laid In A Regular Pattern.		
	For Water Resistant Coating Or Treatment, Add	0.06	
	For Foil Backing, Add	0.11	
	For Tongue And Groove, Add	0.07	
06 16 23 00-0003	SF 1" x 8" Diagonal Surface Board Type Subfloor.....	2.76	0.80
	Note: 4 Sides Laid In A Diagonal Pattern.		
	For Water Resistant Coating Or Treatment, Add	0.06	
	For Foil Backing, Add	0.11	
	For Tongue And Groove, Add	0.07	
06 16 23 00-0004	SF 1" x 10" Regular Surface Board Type Subfloor.....	2.42	0.56
	Note: 4 sides laid in a regular pattern.		
	For Water Resistant Coating Or Treatment, Add	0.07	
	For Foil Backing, Add	0.11	
	For Tongue And Groove, Add	0.08	
06 16 23 00-0005	SF 1" x 10" Diagonal Surface Board Type Subfloor.....	2.60	0.64
	Note: 4 sides laid in a diagonal pattern.		
	For Water Resistant Coating Or Treatment, Add	0.07	
	For Foil Backing, Add	0.11	
	For Tongue And Groove, Add	0.08	

06 16 33 Wood Board Sheathing (06 16)

06 16 33 00-0001	Plywood (06 16 33)		
06 16 33 00-0002	Roof Decking (06 16 33 00-0001)		
06 16 33 00-0003	SF 3/8" Thick CDX Plywood Roof Decking.....	1.43	0.40
	Note: Applied to wood rafters.		
	For Shear Wall Construction, Add	0.19	
	For Exterior CC Grade Plywood, Add	0.08	
	For Application To Metal Studs, Joists, Or Rafters, Add	0.19	
	For ACQ Preservative Treatment, Add	0.24	
	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.40	
	For Fire Retardant Treatment, Add	0.40	
	For >3,200 To 6,400, Deduct	-0.01	
	For >6,400 To 12,800, Deduct	-0.02	
	For >12,800, Deduct	-0.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0004	SF		1/2" Thick CDX Plywood Roof Decking	1.64	0.48
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.21	
			For Exterior CC Grade Plywood, Add	0.09	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.21	
			For ACQ Preservative Treatment, Add	0.29	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.55	
			For Fire Retardant Treatment, Add	0.48	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.04	
06 16 33 00-0005	SF		5/8" Thick CDX Plywood Roof Decking	1.87	0.48
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.22	
			For Exterior CC Grade Plywood, Add	0.11	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.22	
			For ACQ Preservative Treatment, Add	0.36	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.67	
			For Fire Retardant Treatment, Add	0.60	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.03	
			For >12,800, Deduct	-0.05	
			For Tongue And Groove, Add	0.05	
06 16 33 00-0006	SF		3/4" Thick CDX Plywood Roof Decking	2.07	0.56
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.24	
			For Exterior CC Grade Plywood, Add	0.13	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.24	
			For ACQ Preservative Treatment, Add	0.42	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.79	
			For Fire Retardant Treatment, Add	0.70	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.04	
			For >12,800, Deduct	-0.05	
			For Tongue And Groove, Add	0.06	
06 16 33 00-0007	SF		1" Thick CDX Plywood Roof Decking	2.49	0.64
			Note: Applied to wood rafters.		
			For Shear Wall Construction, Add	0.26	
			For Exterior CC Grade Plywood, Add	0.18	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.26	
			For ACQ Preservative Treatment, Add	0.57	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.95	
			For Fire Retardant Treatment, Add	0.94	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.05	
			For >12,800, Deduct	-0.07	
			For Tongue And Groove, Add	0.08	
06 16 33 00-0008			Wall Sheathing (06 16 33 00-0001)		
06 16 33 00-0009	SF		1/4" Interior BC Plywood Wall Sheathing.....	1.69	0.56
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.24	
			For Exterior CC Grade Plywood, Add	0.08	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.24	
			For Ceiling Installation, Add	0.12	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.79	
			For Fire Retardant Treatment, Add	0.40	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	
06 16 33 00-0010	SF		5/16" Interior BC Plywood Wall Sheathing.....	1.71	0.56
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.24	
			For Exterior CC Grade Plywood, Add	0.08	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.24	
			For Ceiling Installation, Add	0.12	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.79	
			For Fire Retardant Treatment, Add	0.41	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	
06 16 33 00-0011	SF		3/8" Interior BC Plywood Wall Sheathing.....	1.76	0.64
			Note: Applied to wall studs.		
			For Shear Wall Construction, Add	0.24	
			For Exterior CC Grade Plywood, Add	0.09	
			For Application To Metal Studs, Joists, Or Rafters, Add	0.24	
			For Ceiling Installation, Add	0.12	
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.79	
			For Fire Retardant Treatment, Add	0.45	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing.....	1.99	0.64
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.25	
		For Exterior CC Grade Plywood, Add	0.11	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.25	
		For Ceiling Installation, Add	0.13	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.91	
		For Fire Retardant Treatment, Add	0.57	
		For >3,200 To 6,400, Deduct	-0.01	
		For >6,400 To 12,800, Deduct	-0.03	
		For >12,800, Deduct	-0.04	
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing.....	2.24	0.72
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.27	
		For Exterior CC Grade Plywood, Add	0.13	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.27	
		For Ceiling Installation, Add	0.14	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.06	
		For Fire Retardant Treatment, Add	0.69	
		For >3,200 To 6,400, Deduct	-0.02	
		For >6,400 To 12,800, Deduct	-0.03	
		For >12,800, Deduct	-0.05	
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing.....	2.46	0.80
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.29	
		For Exterior CC Grade Plywood, Add	0.15	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.29	
		For Ceiling Installation, Add	0.15	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.21	
		For Fire Retardant Treatment, Add	0.78	
		For >3,200 To 6,400, Deduct	-0.02	
		For >6,400 To 12,800, Deduct	-0.04	
		For >12,800, Deduct	-0.06	

06 16 33 00-0015 Floor Decking (06 16 33 00-0001)

Note: Includes patching of seams and all fastener holes where necessary.

06 16 33 00-0016	SF	5/16" CD Grade Plywood Floor Decking.....	1.27	0.48
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.34	
		For Fire Retardant Treatment, Add	0.30	
		For >3,200 To 6,400, Deduct	-0.01	
		For >6,400 To 12,800, Deduct	-0.02	
		For >12,800, Deduct	-0.02	
		For ACQ Preservative Treatment, Add	0.18	
		For Fir Plywood, Add	0.07	
		For BC Grade Plywood, Add	0.06	
		For Exterior Glue, Add	0.04	
		For Marine Grade, Add	0.30	
06 16 33 00-0017	SF	3/8" CD Grade Plywood Floor Decking.....	1.36	0.48
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.41	
		For Fire Retardant Treatment, Add	0.33	
		For >3,200 To 6,400, Deduct	-0.01	
		For >6,400 To 12,800, Deduct	-0.02	
		For >12,800, Deduct	-0.03	
		For ACQ Preservative Treatment, Add	0.20	
		For Fir Plywood, Add	0.08	
		For BC Grade Plywood, Add	0.06	
		For Exterior Glue, Add	0.04	
		For Marine Grade, Add	0.33	
06 16 33 00-0018	SF	1/2" CD Grade Plywood Floor Decking.....	1.55	0.48
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.50	
		For Fire Retardant Treatment, Add	0.43	
		For >3,200 To 6,400, Deduct	-0.01	
		For >6,400 To 12,800, Deduct	-0.02	
		For >12,800, Deduct	-0.03	
		For ACQ Preservative Treatment, Add	0.26	
		For Fir Plywood, Add	0.10	
		For BC Grade Plywood, Add	0.08	
		For Exterior Glue, Add	0.05	
		For Marine Grade, Add	0.43	
06 16 33 00-0019	SF	5/8" CD Grade Plywood Floor Decking.....	1.75	0.48
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.64	
		For Fire Retardant Treatment, Add	0.52	
		For >3,200 To 6,400, Deduct	-0.01	
		For >6,400 To 12,800, Deduct	-0.03	
		For >12,800, Deduct	-0.04	
		For ACQ Preservative Treatment, Add	0.32	
		For Fir Plywood, Add	0.12	
		For BC Grade Plywood, Add	0.10	
		For Exterior Glue, Add	0.06	
		For Marine Grade, Add	0.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0020	SF		3/4" CD Grade Plywood Floor Decking.....	1.99	0.48
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.73	
			For Fire Retardant Treatment, Add	0.66	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.03	
			For >12,800, Deduct	-0.05	
			For ACQ Preservative Treatment, Add	0.40	
			For Fir Plywood, Add	0.16	
			For BC Grade Plywood, Add	0.12	
			For Exterior Glue, Add	0.08	
			For Marine Grade, Add	0.66	
06 16 33 00-0021	SF		1-1/8" CD Grade Plywood Floor Decking.....	2.97	0.72
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.06	
			For Fire Retardant Treatment, Add	1.26	
			For >3,200 To 6,400, Deduct	-0.03	
			For >6,400 To 12,800, Deduct	-0.06	
			For >12,800, Deduct	-0.10	
			For ACQ Preservative Treatment, Add	0.77	
			For Fir Plywood, Add	0.30	
			For BC Grade Plywood, Add	0.24	
			For Exterior Glue, Add	0.15	
			For Marine Grade, Add	1.25	
06 16 33 00-0022	SF		1/2" AC Fir Plywood Floor Decking.....	1.88	0.48
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.50	
			For Fire Retardant Treatment, Add	0.70	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.04	
			For >12,800, Deduct	-0.05	
			For ACQ Preservative Treatment, Add	0.42	
			For Exterior Glue, Add	0.08	
			For Marine Grade, Add	0.69	
			For Tongue And Groove, Add	0.06	
06 16 33 00-0023	SF		5/8" AC Fir Plywood Floor Decking.....	2.12	0.48
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.64	
			For Fire Retardant Treatment, Add	0.81	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.04	
			For >12,800, Deduct	-0.06	
			For ACQ Preservative Treatment, Add	0.49	
			For Exterior Glue, Add	0.10	
			For Marine Grade, Add	0.81	
			For Tongue And Groove, Add	0.07	
06 16 33 00-0024	SF		3/4" AC Fir Plywood Floor Decking.....	2.26	0.48
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.73	
			For Fire Retardant Treatment, Add	0.88	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.04	
			For >12,800, Deduct	-0.07	
			For ACQ Preservative Treatment, Add	0.53	
			For Exterior Glue, Add	0.10	
			For Marine Grade, Add	0.87	
			For Tongue And Groove, Add	0.08	
06 16 33 00-0025			Underlayment Grade Subfloor (06 16 33 00-0001)		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0026	SF		1/4" Thick Plywood Underlayment BC Grade Subfloor.....	1.37	0.48
			For Fire Retardant Treatment, Add	0.36	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	
06 16 33 00-0027	SF		3/8" Thick Plywood Underlayment BC Grade Subfloor.....	1.46	0.48
			For Fire Retardant Treatment, Add	0.39	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	
06 16 33 00-0028	SF		1/2" Thick Plywood Underlayment BC Grade Subfloor.....	1.52	0.56
			For Fire Retardant Treatment, Add	0.42	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.02	
			For >12,800, Deduct	-0.03	
06 16 33 00-0029	SF		5/8" Thick Plywood Underlayment BC Grade Subfloor.....	1.74	0.56
			For Fire Retardant Treatment, Add	0.50	
			For >3,200 To 6,400, Deduct	-0.01	
			For >6,400 To 12,800, Deduct	-0.03	
			For >12,800, Deduct	-0.04	
			For Tongue And Groove, Add	0.04	
06 16 33 00-0030	SF		3/4" Thick Plywood Underlayment BC Grade Subfloor.....	1.87	0.56
			For Fire Retardant Treatment, Add	0.60	
			For >3,200 To 6,400, Deduct	-0.02	
			For >6,400 To 12,800, Deduct	-0.03	
			For >12,800, Deduct	-0.05	
			For Tongue And Groove, Add	0.05	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0031	SF		1-1/8" Thick Plywood Underlayment BC Grade Subfloor.....	2.40	0.64
			<i>For Fire Retardant Treatment, Add</i>	0.92	
			<i>For >3,200 To 6,400, Deduct</i>	-0.02	
			<i>For >6,400 To 12,800, Deduct</i>	-0.05	
			<i>For >12,800, Deduct</i>	-0.07	
			<i>For Tongue And Groove, Add</i>	0.08	
06 16 33 00-0032	SF		3/8" Thick Plywood CDX Grade Subfloor.....	1.57	0.48
			<i>For Fire Retardant Treatment, Add</i>	0.47	
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.02	
			<i>For >12,800, Deduct</i>	-0.04	
06 16 33 00-0033	SF		5/8" Thick Plywood CDX Grade Subfloor.....	1.99	0.56
			<i>For Fire Retardant Treatment, Add</i>	0.71	
			<i>For >3,200 To 6,400, Deduct</i>	-0.02	
			<i>For >6,400 To 12,800, Deduct</i>	-0.04	
			<i>For >12,800, Deduct</i>	-0.05	
06 16 33 00-0034			Oriented Strand Board <small>(06 16 33)</small>		
06 16 33 00-0035			On Roof <small>(06 16 33 00-0034)</small>		
06 16 33 00-0036	SF		3/8" Thick Structural Oriented Strand Board On Roof.....	1.19	0.48
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.20	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.41	
06 16 33 00-0037	SF		1/2" Thick Structural Oriented Strand Board On Roof.....	1.33	0.48
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.24	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.55	
06 16 33 00-0038	SF		5/8" Thick Structural Oriented Strand Board On Roof.....	1.54	0.56
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.02	
			<i>For >12,800, Deduct</i>	-0.03	
			<i>For Fire Retardant Treatment, Add</i>	0.34	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.67	
06 16 33 00-0039	SF		3/4" Thick Structural Oriented Strand Board On Roof.....	1.76	0.56
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.02	
			<i>For >12,800, Deduct</i>	-0.03	
			<i>For Fire Retardant Treatment, Add</i>	0.45	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.79	
06 16 33 00-0040			On Walls <small>(06 16 33 00-0034)</small>		
06 16 33 00-0041	SF		3/8" Thick Structural Oriented Strand Board On Walls.....	1.44	0.56
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.20	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.79	
06 16 33 00-0042	SF		1/2" Thick Structural Oriented Strand Board On Walls.....	1.57	0.64
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.24	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.91	
06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board On Walls.....	1.80	0.72
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.02	
			<i>For >12,800, Deduct</i>	-0.03	
			<i>For Fire Retardant Treatment, Add</i>	0.34	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.06	
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board On Walls.....	2.04	0.72
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.02	
			<i>For >12,800, Deduct</i>	-0.03	
			<i>For Fire Retardant Treatment, Add</i>	0.45	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.21	
06 16 33 00-0045			On Floors <small>(06 16 33 00-0034)</small>		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF		3/8" Thick Structural Oriented Strand Board On Floors.....	1.20	0.48
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.20	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.43	
06 16 33 00-0047	SF		1/2" Thick Structural Oriented Strand Board On Floors.....	1.45	0.56
			<i>For >3,200 To 6,400, Deduct</i>	-0.01	
			<i>For >6,400 To 12,800, Deduct</i>	-0.01	
			<i>For >12,800, Deduct</i>	-0.02	
			<i>For Fire Retardant Treatment, Add</i>	0.24	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	1.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0048	SF		5/8" Thick Structural Oriented Strand Board On Floors For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Fire Retardant Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.68 -0.01 -0.02 -0.03 0.34 1.88	0.64
06 16 33 00-0049	SF		3/4" Thick Structural Oriented Strand Board On Floors For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Fire Retardant Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.94 -0.01 -0.02 -0.03 0.45 2.06	0.72
06 16 33 00-0050			Particle Board (06 16 33)		
06 16 33 00-0051			Particle Board Floor Decking (06 16 33 00-0050) Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF		3/8" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	1.46 0.41 -0.02 -0.03 -0.04 0.04	0.40
06 16 33 00-0053	SF		1/2" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	1.70 0.55 -0.02 -0.04 -0.06 0.05	0.40
06 16 33 00-0054	SF		5/8" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	1.94 0.70 -0.03 -0.04 -0.07 0.06	0.48
06 16 33 00-0055	SF		3/4" Particle Board Floor Decking Note: Applied to plywood subfloor. For Fire Retardant Treatment Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Tongue And Groove, Add	2.15 0.81 -0.03 -0.05 -0.08 0.07	0.48
06 16 43			Gypsum Sheathing (06 16)		
06 16 43 00-0001			Exterior Gypsum Sheathing (06 16 43) Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF		5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	2.24 0.25 0.13 -0.02 -0.04 -0.06 1.91	0.64
06 16 43 00-0003	SF		5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold) For Application To Metal Studs, Joists, Or Rafters, Add For Ceiling Installation, Add For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	2.42 0.27 0.14 -0.02 -0.04 -0.06 2.06	0.80
06 17			Shop-Fabricated Structural Wood (06 10)		
06 17 13			Laminated Veneer Lumber (06 17)		
06 17 13 00-0001			Laminated Veneer Lumber (LVL) (06 17 13)		
06 17 13 00-0002	LF		1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	5.38	1.38
06 17 13 00-0003	LF		1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	5.88	1.40
06 17 13 00-0004	LF		1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	6.48	1.42
06 17 13 00-0005	LF		1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	7.22	1.45
06 17 13 00-0006	LF		1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL).....	7.79	1.47
06 17 13 00-0007	LF		1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL).....	8.58	1.52
06 17 13 00-0008	LF		1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL).....	9.70	1.54
06 17 13 00-0009	LF		1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL).....	13.24	1.76
06 17 23			Parallel Strand Lumber (06 17)		
06 17 23 00-0001			Laminated Strand Lumber (LSL) (06 17 23)		
06 17 23 00-0002	LF		2" x 4" Laminated Strand Lumber (LSL)	1.85	0.64
06 17 23 00-0003	LF		2" x 6" Laminated Strand Lumber (LSL)	2.48	0.68

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 17 33 Wood I-Joists (06 17)**06 17 33 00-0001 Prefabricated Wood I-Joists (06 17 33)**

06 17 33 00-0002	LF	9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	3.30	0.88
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.39	
		<i>For I-Joists >40' In Length, Add</i>	0.95	
06 17 33 00-0003	LF	11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	3.55	0.97
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.43	
		<i>For I-Joists >40' In Length, Add</i>	1.05	
06 17 33 00-0004	LF	14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	4.16	1.09
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.48	
		<i>For I-Joists >40' In Length, Add</i>	1.19	
06 17 33 00-0005	LF	16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	4.68	1.22
		<i>For I-Joists 30' To 40' In Length, Add</i>	0.54	
		<i>For I-Joists >40' In Length, Add</i>	1.32	

06 17 43 Rim Boards (06 17)**06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board (06 17 43)**

06 17 43 00-0002	LF	1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board.....	4.40	1.42
06 17 43 00-0003	LF	1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board.....	4.79	1.45
06 17 43 00-0004	LF	1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board.....	5.28	1.47

06 17 53 Shop-Fabricated Wood Trusses (06 17)**06 17 53 00-0001 Pre-Assembled Wood Roof Trusses (06 17 53)**

Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0002	EA	10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	130.90	51.23
		<i>For Up To 15, Add</i>	2.13	
		<i>For >35, Deduct</i>	-1.42	
		<i>For 3 In 12 Slope, Add</i>	0.85	
		<i>For 5 In 12 Slope, Add</i>	2.27	
		<i>For 6 In 12 Slope, Add</i>	4.26	
		<i>For 7 In 12 Slope, Add</i>	5.69	
		<i>For 8 In 12 Slope, Add</i>	6.82	
06 17 53 00-0003	EA	12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	145.43	56.12
		<i>For Up To 15, Add</i>	2.49	
		<i>For >35, Deduct</i>	-1.66	
		<i>For 3 In 12 Slope, Add</i>	1.00	
		<i>For 5 In 12 Slope, Add</i>	2.66	
		<i>For 6 In 12 Slope, Add</i>	4.98	
		<i>For 7 In 12 Slope, Add</i>	6.64	
		<i>For 8 In 12 Slope, Add</i>	7.97	
06 17 53 00-0004	EA	14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	161.93	61.00
		<i>For Up To 15, Add</i>	3.00	
		<i>For >35, Deduct</i>	-2.00	
		<i>For 3 In 12 Slope, Add</i>	1.20	
		<i>For 5 In 12 Slope, Add</i>	3.20	
		<i>For 6 In 12 Slope, Add</i>	5.99	
		<i>For 7 In 12 Slope, Add</i>	7.99	
		<i>For 8 In 12 Slope, Add</i>	9.59	
06 17 53 00-0005	EA	16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	183.67	65.87
		<i>For Up To 15, Add</i>	3.89	
		<i>For >35, Deduct</i>	-2.60	
		<i>For 3 In 12 Slope, Add</i>	1.56	
		<i>For 5 In 12 Slope, Add</i>	4.15	
		<i>For 6 In 12 Slope, Add</i>	7.79	
		<i>For 7 In 12 Slope, Add</i>	10.38	
		<i>For 8 In 12 Slope, Add</i>	12.46	
06 17 53 00-0006	EA	18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	202.39	70.75
		<i>For Up To 15, Add</i>	4.57	
		<i>For >35, Deduct</i>	-3.04	
		<i>For 3 In 12 Slope, Add</i>	1.83	
		<i>For 5 In 12 Slope, Add</i>	4.87	
		<i>For 6 In 12 Slope, Add</i>	9.13	
		<i>For 7 In 12 Slope, Add</i>	12.18	
		<i>For 8 In 12 Slope, Add</i>	14.61	
06 17 53 00-0007	EA	20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	212.99	78.07
		<i>For Up To 15, Add</i>	4.26	
		<i>For >35, Deduct</i>	-2.84	
		<i>For 3 In 12 Slope, Add</i>	1.71	
		<i>For 5 In 12 Slope, Add</i>	4.55	
		<i>For 6 In 12 Slope, Add</i>	8.53	
		<i>For 7 In 12 Slope, Add</i>	11.37	
		<i>For 8 In 12 Slope, Add</i>	13.64	
06 17 53 00-0008	EA	22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	224.42	124.42
		<i>For Up To 15, Add</i>	4.39	
		<i>For >35, Deduct</i>	-2.93	
		<i>For 3 In 12 Slope, Add</i>	1.76	
		<i>For 5 In 12 Slope, Add</i>	4.68	
		<i>For 6 In 12 Slope, Add</i>	8.78	
		<i>For 7 In 12 Slope, Add</i>	11.70	
		<i>For 8 In 12 Slope, Add</i>	14.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0009	EA		24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	239.13	87.83
			For Up To 15, Add	4.76	
			For >35, Deduct	-3.17	
			For 3 In 12 Slope, Add	1.90	
			For 5 In 12 Slope, Add	5.08	
			For 6 In 12 Slope, Add	9.52	
			For 7 In 12 Slope, Add	12.69	
			For 8 In 12 Slope, Add	15.23	
06 17 53 00-0010	EA		26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	254.38	139.07
			For Up To 15, Add	5.17	
			For >35, Deduct	-3.45	
			For 3 In 12 Slope, Add	2.07	
			For 5 In 12 Slope, Add	5.52	
			For 6 In 12 Slope, Add	10.34	
			For 7 In 12 Slope, Add	13.79	
			For 8 In 12 Slope, Add	16.55	
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	270.35	97.59
			For Up To 15, Add	5.64	
			For >35, Deduct	-3.76	
			For 3 In 12 Slope, Add	2.26	
			For 5 In 12 Slope, Add	6.01	
			For 6 In 12 Slope, Add	11.28	
			For 7 In 12 Slope, Add	15.04	
			For 8 In 12 Slope, Add	18.04	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	282.50	153.70
			For Up To 15, Add	5.82	
			For >35, Deduct	-3.88	
			For 3 In 12 Slope, Add	2.33	
			For 5 In 12 Slope, Add	6.20	
			For 6 In 12 Slope, Add	11.63	
			For 7 In 12 Slope, Add	15.51	
			For 8 In 12 Slope, Add	18.61	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	295.13	104.91
			For Up To 15, Add	6.40	
			For >35, Deduct	-4.27	
			For 3 In 12 Slope, Add	2.56	
			For 5 In 12 Slope, Add	6.82	
			For 6 In 12 Slope, Add	12.80	
			For 7 In 12 Slope, Add	17.06	
			For 8 In 12 Slope, Add	20.47	
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	321.88	164.73
			For Up To 15, Add	7.67	
			For >35, Deduct	-5.12	
			For 3 In 12 Slope, Add	3.07	
			For 5 In 12 Slope, Add	8.18	
			For 6 In 12 Slope, Add	15.35	
			For 7 In 12 Slope, Add	20.46	
			For 8 In 12 Slope, Add	24.55	
06 17 53 00-0015	EA		36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	334.80	112.23
			For Up To 15, Add	8.28	
			For >35, Deduct	-5.52	
			For 3 In 12 Slope, Add	3.31	
			For 5 In 12 Slope, Add	8.83	
			For 6 In 12 Slope, Add	16.55	
			For 7 In 12 Slope, Add	22.07	
			For 8 In 12 Slope, Add	26.48	
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	352.10	175.66
			For Up To 15, Add	8.84	
			For >35, Deduct	-5.89	
			For 3 In 12 Slope, Add	3.54	
			For 5 In 12 Slope, Add	9.43	
			For 6 In 12 Slope, Add	17.68	
			For 7 In 12 Slope, Add	23.58	
			For 8 In 12 Slope, Add	28.29	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	364.39	121.98
			For Up To 15, Add	9.03	
			For >35, Deduct	-6.02	
			For 3 In 12 Slope, Add	3.61	
			For 5 In 12 Slope, Add	9.63	
			For 6 In 12 Slope, Add	18.06	
			For 7 In 12 Slope, Add	24.08	
			For 8 In 12 Slope, Add	28.90	
06 17 53 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	399.60	190.30
			For Up To 15, Add	10.94	
			For >35, Deduct	-7.29	
			For 3 In 12 Slope, Add	4.38	
			For 5 In 12 Slope, Add	11.67	
			For 6 In 12 Slope, Add	21.88	
			For 7 In 12 Slope, Add	29.17	
			For 8 In 12 Slope, Add	35.01	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	434.13	131.75
			For Up To 15, Add	12.80	
			For >35, Deduct	-8.53	
			For 3 In 12 Slope, Add	5.12	
			For 5 In 12 Slope, Add	13.65	
			For 6 In 12 Slope, Add	25.60	
			For 7 In 12 Slope, Add	34.13	
			For 8 In 12 Slope, Add	40.95	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 17 53 00-0020	EA	46'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	449.38	136.63
			<i>For Up To 15, Add</i>	13.21	
			<i>For >35, Deduct</i>	-8.81	
			<i>For 3 In 12 Slope, Add</i>	5.28	
			<i>For 5 In 12 Slope, Add</i>	14.09	
			<i>For 6 In 12 Slope, Add</i>	26.42	
			<i>For 7 In 12 Slope, Add</i>	35.23	
			<i>For 8 In 12 Slope, Add</i>	42.27	
06 17 53 00-0021	EA	48'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	471.29	141.51
			<i>For Up To 15, Add</i>	14.12	
			<i>For >35, Deduct</i>	-9.41	
			<i>For 3 In 12 Slope, Add</i>	5.65	
			<i>For 5 In 12 Slope, Add</i>	15.06	
			<i>For 6 In 12 Slope, Add</i>	28.24	
			<i>For 7 In 12 Slope, Add</i>	37.66	
			<i>For 8 In 12 Slope, Add</i>	45.19	
06 17 53 00-0022	EA	50'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	533.78	146.38
			<i>For Up To 15, Add</i>	18.08	
			<i>For >35, Deduct</i>	-12.05	
			<i>For 3 In 12 Slope, Add</i>	7.23	
			<i>For 5 In 12 Slope, Add</i>	19.28	
			<i>For 6 In 12 Slope, Add</i>	36.15	
			<i>For 7 In 12 Slope, Add</i>	48.20	
			<i>For 8 In 12 Slope, Add</i>	57.84	
06 17 53 00-0023	EA	52'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	508.33	131.65
			<i>For Up To 15, Add</i>	16.17	
			<i>For >35, Deduct</i>	-10.78	
			<i>For 3 In 12 Slope, Add</i>	6.47	
			<i>For 5 In 12 Slope, Add</i>	17.24	
			<i>For 6 In 12 Slope, Add</i>	32.33	
			<i>For 7 In 12 Slope, Add</i>	43.11	
			<i>For 8 In 12 Slope, Add</i>	51.73	
06 17 53 00-0024	EA	54'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	533.38	153.70
			<i>For Up To 15, Add</i>	16.95	
			<i>For >35, Deduct</i>	-11.30	
			<i>For 3 In 12 Slope, Add</i>	6.78	
			<i>For 5 In 12 Slope, Add</i>	18.08	
			<i>For 6 In 12 Slope, Add</i>	33.90	
			<i>For 7 In 12 Slope, Add</i>	45.19	
			<i>For 8 In 12 Slope, Add</i>	54.23	
06 17 53 00-0025	EA	56'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	554.24	142.48
			<i>For Up To 15, Add</i>	17.78	
			<i>For >35, Deduct</i>	-11.85	
			<i>For 3 In 12 Slope, Add</i>	7.11	
			<i>For 5 In 12 Slope, Add</i>	18.97	
			<i>For 6 In 12 Slope, Add</i>	35.56	
			<i>For 7 In 12 Slope, Add</i>	47.41	
			<i>For 8 In 12 Slope, Add</i>	56.90	
06 17 53 00-0026	EA	58'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	572.29	161.02
			<i>For Up To 15, Add</i>	18.77	
			<i>For >35, Deduct</i>	-12.51	
			<i>For 3 In 12 Slope, Add</i>	7.51	
			<i>For 5 In 12 Slope, Add</i>	20.02	
			<i>For 6 In 12 Slope, Add</i>	37.54	
			<i>For 7 In 12 Slope, Add</i>	50.05	
			<i>For 8 In 12 Slope, Add</i>	60.06	
06 17 53 00-0027	EA	60'	Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	583.94	163.47
			<i>For Up To 15, Add</i>	19.28	
			<i>For >35, Deduct</i>	-12.85	
			<i>For 3 In 12 Slope, Add</i>	7.71	
			<i>For 5 In 12 Slope, Add</i>	20.56	
			<i>For 6 In 12 Slope, Add</i>	38.55	
			<i>For 7 In 12 Slope, Add</i>	51.40	
			<i>For 8 In 12 Slope, Add</i>	61.68	

06 17 53 00-0028 Pre-Assembled Wood Gable End Roof Trusses (06 17 53)

Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.

06 17 53 00-0029	EA	10'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	134.51	51.23
			<i>For 3 In 12 Slope, Add</i>	0.96	
			<i>For 5 In 12 Slope, Add</i>	2.56	
			<i>For 6 In 12 Slope, Add</i>	4.81	
			<i>For 7 In 12 Slope, Add</i>	6.41	
			<i>For 8 In 12 Slope, Add</i>	7.69	
			<i>For 16" On Center Gable Studs, Add</i>	6.41	
06 17 53 00-0030	EA	12'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	149.65	56.12
			<i>For 3 In 12 Slope, Add</i>	1.12	
			<i>For 5 In 12 Slope, Add</i>	2.99	
			<i>For 6 In 12 Slope, Add</i>	5.61	
			<i>For 7 In 12 Slope, Add</i>	7.48	
			<i>For 8 In 12 Slope, Add</i>	8.98	
			<i>For 16" On Center Gable Studs, Add</i>	7.48	
06 17 53 00-0031	EA	14'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	167.01	61.00
			<i>For 3 In 12 Slope, Add</i>	1.35	
			<i>For 5 In 12 Slope, Add</i>	3.60	
			<i>For 6 In 12 Slope, Add</i>	6.75	
			<i>For 7 In 12 Slope, Add</i>	9.01	
			<i>For 8 In 12 Slope, Add</i>	10.81	
			<i>For 16" On Center Gable Studs, Add</i>	9.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0032	EA	16'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	190.27	65.87
			<i>For 3 In 12 Slope, Add</i>	1.76	
			<i>For 5 In 12 Slope, Add</i>	4.68	
			<i>For 6 In 12 Slope, Add</i>	8.78	
			<i>For 7 In 12 Slope, Add</i>	11.70	
			<i>For 8 In 12 Slope, Add</i>	14.04	
			<i>For 16" On Center Gable Studs, Add</i>	11.70	
06 17 53 00-0033	EA	18'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	210.13	70.75
			<i>For 3 In 12 Slope, Add</i>	2.06	
			<i>For 5 In 12 Slope, Add</i>	5.49	
			<i>For 6 In 12 Slope, Add</i>	10.29	
			<i>For 7 In 12 Slope, Add</i>	13.72	
			<i>For 8 In 12 Slope, Add</i>	16.47	
			<i>For 16" On Center Gable Studs, Add</i>	13.72	
06 17 53 00-0034	EA	20'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	228.35	78.07
			<i>For 3 In 12 Slope, Add</i>	2.17	
			<i>For 5 In 12 Slope, Add</i>	5.78	
			<i>For 6 In 12 Slope, Add</i>	10.83	
			<i>For 7 In 12 Slope, Add</i>	14.44	
			<i>For 8 In 12 Slope, Add</i>	17.33	
			<i>For 16" On Center Gable Studs, Add</i>	14.44	
06 17 53 00-0035	EA	22'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	240.22	82.95
			<i>For 3 In 12 Slope, Add</i>	2.23	
			<i>For 5 In 12 Slope, Add</i>	5.94	
			<i>For 6 In 12 Slope, Add</i>	11.15	
			<i>For 7 In 12 Slope, Add</i>	14.86	
			<i>For 8 In 12 Slope, Add</i>	17.83	
			<i>For 16" On Center Gable Studs, Add</i>	14.86	
06 17 53 00-0036	EA	24'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	256.27	87.83
			<i>For 3 In 12 Slope, Add</i>	2.42	
			<i>For 5 In 12 Slope, Add</i>	6.45	
			<i>For 6 In 12 Slope, Add</i>	12.09	
			<i>For 7 In 12 Slope, Add</i>	16.12	
			<i>For 8 In 12 Slope, Add</i>	19.35	
			<i>For 16" On Center Gable Studs, Add</i>	16.12	
06 17 53 00-0037	EA	26'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	273.01	92.71
			<i>For 3 In 12 Slope, Add</i>	2.63	
			<i>For 5 In 12 Slope, Add</i>	7.01	
			<i>For 6 In 12 Slope, Add</i>	13.14	
			<i>For 7 In 12 Slope, Add</i>	17.52	
			<i>For 8 In 12 Slope, Add</i>	21.02	
			<i>For 16" On Center Gable Studs, Add</i>	17.52	
06 17 53 00-0038	EA	28'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	290.66	97.59
			<i>For 3 In 12 Slope, Add</i>	2.86	
			<i>For 5 In 12 Slope, Add</i>	7.64	
			<i>For 6 In 12 Slope, Add</i>	14.32	
			<i>For 7 In 12 Slope, Add</i>	19.10	
			<i>For 8 In 12 Slope, Add</i>	22.92	
			<i>For 16" On Center Gable Studs, Add</i>	19.10	
06 17 53 00-0039	EA	30'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	304.29	102.47
			<i>For 3 In 12 Slope, Add</i>	2.98	
			<i>For 5 In 12 Slope, Add</i>	7.95	
			<i>For 6 In 12 Slope, Add</i>	14.90	
			<i>For 7 In 12 Slope, Add</i>	19.87	
			<i>For 8 In 12 Slope, Add</i>	23.84	
			<i>For 16" On Center Gable Studs, Add</i>	19.87	
06 17 53 00-0040	EA	32'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	319.11	104.91
			<i>For 3 In 12 Slope, Add</i>	3.28	
			<i>For 5 In 12 Slope, Add</i>	8.74	
			<i>For 6 In 12 Slope, Add</i>	16.39	
			<i>For 7 In 12 Slope, Add</i>	21.86	
			<i>For 8 In 12 Slope, Add</i>	26.23	
			<i>For 16" On Center Gable Studs, Add</i>	21.86	
06 17 53 00-0041	EA	34'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	350.61	109.79
			<i>For 3 In 12 Slope, Add</i>	3.93	
			<i>For 5 In 12 Slope, Add</i>	10.48	
			<i>For 6 In 12 Slope, Add</i>	19.65	
			<i>For 7 In 12 Slope, Add</i>	26.21	
			<i>For 8 In 12 Slope, Add</i>	31.45	
			<i>For 16" On Center Gable Studs, Add</i>	26.21	
06 17 53 00-0042	EA	36'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	365.81	112.23
			<i>For 3 In 12 Slope, Add</i>	4.24	
			<i>For 5 In 12 Slope, Add</i>	11.31	
			<i>For 6 In 12 Slope, Add</i>	21.20	
			<i>For 7 In 12 Slope, Add</i>	28.27	
			<i>For 8 In 12 Slope, Add</i>	33.93	
			<i>For 16" On Center Gable Studs, Add</i>	28.27	
06 17 53 00-0043	EA	38'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	385.23	117.10
			<i>For 3 In 12 Slope, Add</i>	4.53	
			<i>For 5 In 12 Slope, Add</i>	12.08	
			<i>For 6 In 12 Slope, Add</i>	22.65	
			<i>For 7 In 12 Slope, Add</i>	30.20	
			<i>For 8 In 12 Slope, Add</i>	36.24	
			<i>For 16" On Center Gable Studs, Add</i>	30.20	
06 17 53 00-0044	EA	40'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	407.94	121.98
			<i>For 3 In 12 Slope, Add</i>	4.92	
			<i>For 5 In 12 Slope, Add</i>	13.12	
			<i>For 6 In 12 Slope, Add</i>	24.59	
			<i>For 7 In 12 Slope, Add</i>	32.79	
			<i>For 8 In 12 Slope, Add</i>	39.35	
			<i>For 16" On Center Gable Studs, Add</i>	32.79	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 17 53 00-0045	EA	42'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	452.36	126.87
			<i>For 3 In 12 Slope, Add</i>	5.96	
			<i>For 5 In 12 Slope, Add</i>	15.89	
			<i>For 6 In 12 Slope, Add</i>	29.79	
			<i>For 7 In 12 Slope, Add</i>	39.73	
			<i>For 8 In 12 Slope, Add</i>	47.67	
			<i>For 16" On Center Gable Studs, Add</i>	39.73	
06 17 53 00-0046	EA	44'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	495.85	131.75
			<i>For 3 In 12 Slope, Add</i>	6.97	
			<i>For 5 In 12 Slope, Add</i>	18.59	
			<i>For 6 In 12 Slope, Add</i>	34.85	
			<i>For 7 In 12 Slope, Add</i>	46.47	
			<i>For 8 In 12 Slope, Add</i>	55.77	
			<i>For 16" On Center Gable Studs, Add</i>	46.47	
06 17 53 00-0047	EA	46'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	513.10	136.63
			<i>For 3 In 12 Slope, Add</i>	7.20	
			<i>For 5 In 12 Slope, Add</i>	19.19	
			<i>For 6 In 12 Slope, Add</i>	35.98	
			<i>For 7 In 12 Slope, Add</i>	47.97	
			<i>For 8 In 12 Slope, Add</i>	57.56	
			<i>For 16" On Center Gable Studs, Add</i>	47.97	
06 17 53 00-0048	EA	48'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	539.38	141.51
			<i>For 3 In 12 Slope, Add</i>	7.69	
			<i>For 5 In 12 Slope, Add</i>	20.51	
			<i>For 6 In 12 Slope, Add</i>	38.46	
			<i>For 7 In 12 Slope, Add</i>	51.27	
			<i>For 8 In 12 Slope, Add</i>	61.53	
			<i>For 16" On Center Gable Studs, Add</i>	51.27	
06 17 53 00-0049	EA	50'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	586.95	146.38
			<i>For 3 In 12 Slope, Add</i>	8.83	
			<i>For 5 In 12 Slope, Add</i>	23.53	
			<i>For 6 In 12 Slope, Add</i>	44.13	
			<i>For 7 In 12 Slope, Add</i>	58.84	
			<i>For 8 In 12 Slope, Add</i>	70.60	
			<i>For 16" On Center Gable Studs, Add</i>	58.84	
06 17 53 00-0050	EA	52'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	600.63	151.26
			<i>For 3 In 12 Slope, Add</i>	8.94	
			<i>For 5 In 12 Slope, Add</i>	23.85	
			<i>For 6 In 12 Slope, Add</i>	44.72	
			<i>For 7 In 12 Slope, Add</i>	59.62	
			<i>For 8 In 12 Slope, Add</i>	71.55	
			<i>For 16" On Center Gable Studs, Add</i>	59.62	
06 17 53 00-0051	EA	54'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	619.92	153.70
			<i>For 3 In 12 Slope, Add</i>	9.38	
			<i>For 5 In 12 Slope, Add</i>	25.00	
			<i>For 6 In 12 Slope, Add</i>	46.88	
			<i>For 7 In 12 Slope, Add</i>	62.50	
			<i>For 8 In 12 Slope, Add</i>	75.00	
			<i>For 16" On Center Gable Studs, Add</i>	62.50	
06 17 53 00-0052	EA	56'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	645.04	158.58
			<i>For 3 In 12 Slope, Add</i>	9.84	
			<i>For 5 In 12 Slope, Add</i>	26.23	
			<i>For 6 In 12 Slope, Add</i>	49.18	
			<i>For 7 In 12 Slope, Add</i>	65.57	
			<i>For 8 In 12 Slope, Add</i>	78.69	
			<i>For 16" On Center Gable Studs, Add</i>	65.57	
06 17 53 00-0053	EA	58'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	668.11	161.02
			<i>For 3 In 12 Slope, Add</i>	10.38	
			<i>For 5 In 12 Slope, Add</i>	27.68	
			<i>For 6 In 12 Slope, Add</i>	51.91	
			<i>For 7 In 12 Slope, Add</i>	69.21	
			<i>For 8 In 12 Slope, Add</i>	83.05	
			<i>For 16" On Center Gable Studs, Add</i>	69.21	
06 17 53 00-0054	EA	60'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	682.36	163.47
			<i>For 3 In 12 Slope, Add</i>	10.66	
			<i>For 5 In 12 Slope, Add</i>	28.44	
			<i>For 6 In 12 Slope, Add</i>	53.32	
			<i>For 7 In 12 Slope, Add</i>	71.09	
			<i>For 8 In 12 Slope, Add</i>	85.31	
			<i>For 16" On Center Gable Studs, Add</i>	71.09	

06 18 Glued-Laminated Construction (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF	3-1/2" x 6"	Glue Laminated Straight Beam	6.80	2.11
06 18 13 00-0003	LF	3-1/2" x 7-1/2"	Glue Laminated Straight Beam	8.50	2.64
06 18 13 00-0004	LF	3-1/2" x 9"	Glue Laminated Straight Beam	10.20	3.16
06 18 13 00-0005	LF	3-1/2" x 9-1/2"	Glue Laminated Straight Beam	10.76	3.34
06 18 13 00-0006	LF	3-1/2" x 10-1/2"	Glue Laminated Straight Beam	11.90	3.69
06 18 13 00-0007	LF	3-1/2" x 12"	Glue Laminated Straight Beam	13.60	4.22
06 18 13 00-0008	LF	3-1/2" x 13-1/2"	Glue Laminated Straight Beam	15.31	4.75
06 18 13 00-0009	LF	3-1/2" x 14"	Glue Laminated Straight Beam	15.87	4.93
06 18 13 00-0010	LF	3-1/2" x 15"	Glue Laminated Straight Beam	17.00	5.28
06 18 13 00-0011	LF	3-1/2" x 16"	Glue Laminated Straight Beam	18.13	5.63
06 18 13 00-0012	LF	3-1/2" x 16-1/2"	Glue Laminated Straight Beam	18.71	5.81
06 18 13 00-0013	LF	3-1/2" x 18"	Glue Laminated Straight Beam	20.39	6.34

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

06 18 13 00-0014	LF		3-1/2" x 19-1/2" Glue Laminated Straight Beam	22.10	6.86
06 18 13 00-0015	LF		3-1/2" x 21" Glue Laminated Straight Beam	23.80	7.40
06 18 13 00-0016	LF		3-1/2" x 22.5" Glue Laminated Straight Beam	25.51	7.92
06 18 13 00-0017	LF		5-1/2" x 6" Glue Laminated Straight Beam	10.69	3.32
06 18 13 00-0018	LF		5-1/2" x 7-1/2" Glue Laminated Straight Beam	13.36	4.16
06 18 13 00-0019	LF		5-1/2" x 9" Glue Laminated Straight Beam	16.03	4.97
06 18 13 00-0020	LF		5-1/2" x 9-1/2" Glue Laminated Straight Beam	16.93	5.26
06 18 13 00-0021	LF		5-1/2" x 10-1/2" Glue Laminated Straight Beam	18.71	5.81
06 18 13 00-0022	LF		5-1/2" x 12" Glue Laminated Straight Beam	21.37	6.64
06 18 13 00-0023	LF		5-1/2" x 13-1/2" Glue Laminated Straight Beam	24.05	7.47
06 18 13 00-0024	LF		5-1/2" x 14" Glue Laminated Straight Beam	24.93	7.75
06 18 13 00-0025	LF		5-1/2" x 15" Glue Laminated Straight Beam	26.71	8.29
06 18 13 00-0026	LF		5-1/2" x 16" Glue Laminated Straight Beam	28.49	8.85
06 18 13 00-0027	LF		5-1/2" x 16-1/2" Glue Laminated Straight Beam	29.38	9.13
06 18 13 00-0028	LF		5-1/2" x 18" Glue Laminated Straight Beam	32.06	9.96
06 18 13 00-0029	LF		5-1/2" x 19-1/2" Glue Laminated Straight Beam	34.73	10.79
06 18 13 00-0030	LF		5-1/2" x 21" Glue Laminated Straight Beam	37.41	11.61
06 18 13 00-0031	LF		5-1/2" x 22.5" Glue Laminated Straight Beam	40.07	12.45
06 18 13 00-0032	LF		5-1/2" x 24" Glue Laminated Straight Beam	42.75	13.27
06 18 13 00-0033	LF		6-3/4" x 9" Glue Laminated Straight Beam	19.68	6.11
06 18 13 00-0034	LF		6-3/4" x 9-1/2" Glue Laminated Straight Beam	20.76	6.45
06 18 13 00-0035	LF		6-3/4" x 10-1/2" Glue Laminated Straight Beam	22.94	7.14
06 18 13 00-0036	LF		6-3/4" x 12" Glue Laminated Straight Beam	26.23	8.14
06 18 13 00-0037	LF		6-3/4" x 13-1/2" Glue Laminated Straight Beam	29.52	9.16
06 18 13 00-0038	LF		6-3/4" x 14" Glue Laminated Straight Beam	30.60	9.50
06 18 13 00-0039	LF		6-3/4" x 15" Glue Laminated Straight Beam	32.78	10.18
06 18 13 00-0040	LF		6-3/4" x 16" Glue Laminated Straight Beam	34.97	10.86
06 18 13 00-0041	LF		6-3/4" x 16-1/2" Glue Laminated Straight Beam	36.07	11.20
06 18 13 00-0042	LF		6-3/4" x 18" Glue Laminated Straight Beam	39.34	12.22
06 18 13 00-0043	LF		6-3/4" x 19-1/2" Glue Laminated Straight Beam	42.62	13.24
06 18 13 00-0044	LF		6-3/4" x 21" Glue Laminated Straight Beam	45.91	14.25
06 18 13 00-0045	LF		6-3/4" x 22.5" Glue Laminated Straight Beam	49.17	15.27
06 18 13 00-0046	LF		6-3/4" x 24" Glue Laminated Straight Beam	52.45	16.30
06 18 13 00-0047	LF		8-3/4" x 9" Glue Laminated Straight Beam	25.51	7.92
06 18 13 00-0048	LF		8-3/4" x 9-1/2" Glue Laminated Straight Beam	26.92	8.36
06 18 13 00-0049	LF		8-3/4" x 10-1/2" Glue Laminated Straight Beam	29.74	9.24
06 18 13 00-0050	LF		8-3/4" x 12" Glue Laminated Straight Beam	33.99	10.56
06 18 13 00-0051	LF		8-3/4" x 13-1/2" Glue Laminated Straight Beam	38.26	11.88
06 18 13 00-0052	LF		8-3/4" x 14" Glue Laminated Straight Beam	39.67	12.32
06 18 13 00-0053	LF		8-3/4" x 15" Glue Laminated Straight Beam	42.50	13.20
06 18 13 00-0054	LF		8-3/4" x 16" Glue Laminated Straight Beam	45.34	14.08
06 18 13 00-0055	LF		8-3/4" x 16-1/2" Glue Laminated Straight Beam	46.76	14.52
06 18 13 00-0056	LF		8-3/4" x 18" Glue Laminated Straight Beam	51.00	15.83
06 18 13 00-0057	LF		8-3/4" x 19-1/2" Glue Laminated Straight Beam	55.25	17.15
06 18 13 00-0058	LF		8-3/4" x 21" Glue Laminated Straight Beam	59.51	18.48
06 18 13 00-0059	LF		8-3/4" x 22.5" Glue Laminated Straight Beam	63.75	19.80
06 18 13 00-0060	LF		8-3/4" x 24" Glue Laminated Straight Beam	68.00	21.11

06 18 13 00-0061 Glue Laminated Decking (06 18 13)

06 18 13 00-0062	LF		2" - 4" Thick x 4" Wide Glue Laminated Decking	3.51	1.36
06 18 13 00-0063	LF		2" - 4" Thick x 6" Wide Glue Laminated Decking	3.61	1.36
06 18 13 00-0064	LF		2" - 4" Thick x 8" Wide Glue Laminated Decking	3.72	1.29

06 18 16 Glued-Laminated Columns (06 18)

06 18 16 00-0001 Glue Laminated Structural Units (06 18 16)

Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.

06 18 16 00-0002	LF		3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	10.32	2.79
06 18 16 00-0003	LF		3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	11.63	3.10
06 18 16 00-0004	LF		5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	21.87	6.62
06 18 16 00-0005	LF		5-1/4" x 13" Glue Laminated Purlin Or Column	24.03	6.94

06 20 Finish Carpentry (06)

06 22 Millwork (06 20)

06 22 13 Standard Pattern Wood Trim (06 22)

06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) (06 22 13)

06 22 13 00-0002	LF		1/4" x 1-1/4" Wood Lattice Strip	1.94	0.79
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	
06 22 13 00-0003	LF		1/4" x 1-5/8" Wood Lattice Strip	2.01	0.63
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	
06 22 13 00-0004	LF		1/4" x 2-1/2" Wood Lattice Strip	2.43	0.63
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	
06 22 13 00-0005	LF		1/4" x 3-1/2" Wood Lattice Strip	2.68	0.63
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	

06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) (06 22 13)

06 22 13 00-0007 White Pine (06 22 13 00-0006)

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 22 13 00-0008	LF	9/16" x 3-5/8" White Pine Crown Or Bed Molding	8.38	2.77
		<i>For Birch, Add</i>	1.59	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.39	
		<i>For Poplar, Add</i>	0.89	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.58	
06 22 13 00-0009	LF	11/16" x 4-5/8" White Pine Crown Or Bed Molding	11.07	3.32
		<i>For Birch, Add</i>	2.28	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.32	
		<i>For Poplar, Add</i>	1.26	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.82	
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	4.48	1.90
		<i>For Birch, Add</i>	0.48	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.91	
		<i>For Poplar, Add</i>	0.26	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.73	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.17	
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	4.96	1.90
		<i>For Birch, Add</i>	0.65	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.13	
		<i>For Poplar, Add</i>	0.36	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.73	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.23	
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	6.44	2.38
		<i>For Birch, Add</i>	0.90	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.52	
		<i>For Poplar, Add</i>	0.50	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.32	
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	7.23	2.38
		<i>For Birch, Add</i>	1.18	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.87	
		<i>For Poplar, Add</i>	0.66	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.43	
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	8.94	2.85
		<i>For Birch, Add</i>	1.51	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.36	
		<i>For Poplar, Add</i>	0.84	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.54	
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	4.60	2.21
		<i>For Birch, Add</i>	0.52	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.96	
		<i>For Poplar, Add</i>	0.29	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.73	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.19	
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	3.80	1.66
		<i>For Birch, Add</i>	0.51	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.88	
		<i>For Poplar, Add</i>	0.28	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.18	
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	5.31	1.66
		<i>For Birch, Add</i>	1.05	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.56	
		<i>For Poplar, Add</i>	0.59	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.38	
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	2.32	0.95
		<i>For Birch, Add</i>	0.24	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.47	
		<i>For Poplar, Add</i>	0.13	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.09	
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	2.49	0.95
		<i>For Birch, Add</i>	0.30	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.54	
		<i>For Poplar, Add</i>	0.17	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.38	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.11	
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	3.24	1.19
		<i>For Birch, Add</i>	0.46	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.77	
		<i>For Poplar, Add</i>	0.25	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.17	
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	3.24	1.19
		<i>For Birch, Add</i>	0.46	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.77	
		<i>For Poplar, Add</i>	0.25	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.17	
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	4.01	1.19
		<i>For Birch, Add</i>	0.73	
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.12	
		<i>For Poplar, Add</i>	0.41	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.45	
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.27	

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

06 22 13 00-0023	LF		7-1/2" Wide Mullion Covers <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.82 0.65	1.42
06 22 13 00-0024	LF		Three Piece Mullion Trim, 2 Cove Moldings <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.64 0.65	1.42

06 22 13 00-0025 Cedar Trim (06 22 13 00-0006)

06 22 13 00-0026	LF		2" x 4" Cedar Ceiling Trim <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.91 1.32	3.99
------------------	----	--	---	--------------	------

06 22 13 00-0027 Oak Trim (06 22 13 00-0006)

06 22 13 00-0028	LF		1" x 8" Clear Oak Ceiling Trim <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.01 1.22	3.67
------------------	----	--	---	--------------	------

06 22 13 00-0029 Closet Poles (06 22 13)

06 22 13 00-0030	LF		1-1/8" Diameter Pine Closet Poles.....	5.81	2.05
06 22 13 00-0031	LF		1-5/8" Diameter Pine Closet Poles.....	7.88	2.05
06 22 13 00-0032	LF		2" Diameter Pine Closet Poles.....	10.21	2.29

06 25 Prefinished Paneling (06 20)
06 25 16 Prefinished Plywood Paneling (06 25)
06 25 16 00-0001 Hardboard Panels (06 25 16)

Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels (06 25 16 00-0001)

06 25 16 00-0003	SF		1/4" Tempered Hardboard Panels <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	4.03 0.05 0.98 0.20 -0.36 0.81 0.97 1.18 0.61	1.43
06 25 16 00-0004	SF		1/4" Plastic Faced Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	4.53 0.05 1.15 0.23 -0.39 0.84 0.98 1.17 0.55	1.76
06 25 16 00-0005	SF		1/4" Pegboard Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	4.56 0.09 0.98 0.23 -0.45 1.09 1.37 1.72 1.03	1.43
06 25 16 00-0006	SF		1/4" Plastic Faced Pegboard Tempered Hardboard <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	4.69 0.06 1.15 0.23 -0.41 0.92 1.10 1.34 0.68	1.76

06 25 16 00-0007 Untempered Hardboard Panels (06 25 16 00-0001)

06 25 16 00-0008	SF		1/4" Untempered Hardboard Panels <i>For Waterproof Glue, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For Lumber Core, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	3.86 0.04 0.19 0.07 0.47	1.43
------------------	----	--	---	--------------------------------------	------

06 40 Architectural Woodwork (06)
06 41 Architectural Wood Casework (06 40)
06 41 13 Wood-Veneer-Faced Architectural Cabinets (06 41)

Note: NNote: Cabinets Include Hinges, Mounting Hardware And Door Pulls. Refer To WIC For Grade Listing. Basic Is Custom.

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0001 Residential Housing Cabinetwork <small>(06 41 13)</small>			
Note: Include hinges, mounting hardware and door pulls. Economy grade: Stock-grade cabinets with flush-face doors. Doors made from veneered particleboard. Standard grade: Stock-grade cabinets with raised panel or cathedral doors. Interior panel may be plywood. Lower grade plastic-laminate face cabinets. High grade: Semi-custom cabinets with raised panel or cathedral doors. Higher grade: Same as High Grade but with plastic-laminate face and foil-face face cabinets. Deluxe grade: Semi-custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, glass doors, or foil-face. Materials include cherry, pecan, and Shaker-style maple or pine. Custom grade: Custom cabinets with raised panel or cathedral doors. May include special slide-out drawers, pull-out baskets, mullion or leaded glass doors. Materials include cherry, pecan, and Shaker-style maple or pine. Custom deluxe grade: Same as Custom Grade, may have some curved wood cabinets and more custom features.			
06 41 13 00-0002	EA 9" x 30" Wall Cabinet	112.56	21.75
	For Plastic Laminate On Particle Board, Deduct	-24.17	
	For Economy Grade, Deduct	-13.81	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-6.91	
	For High Grade, Add	6.91	
	For Higher Grade, Add	13.81	
	For Deluxe Grade, Add	27.62	
	For Custom Deluxe Grade, Add	31.97	
	For Custom Built In Place, Add	21.62	
06 41 13 00-0003	EA 12" x 30" Wall Cabinet	117.49	21.75
	For Plastic Laminate On Particle Board, Deduct	-25.90	
	For Economy Grade, Deduct	-14.80	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-7.40	
	For High Grade, Add	7.40	
	For Higher Grade, Add	14.80	
	For Deluxe Grade, Add	29.60	
	For Custom Deluxe Grade, Add	33.95	
	For Custom Built In Place, Add	22.85	
06 41 13 00-0004	EA 15" x 30" Wall Cabinet	123.65	21.75
	For Plastic Laminate On Particle Board, Deduct	-28.05	
	For Economy Grade, Deduct	-16.03	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-8.02	
	For High Grade, Add	8.02	
	For Higher Grade, Add	16.03	
	For Deluxe Grade, Add	32.06	
	For Custom Deluxe Grade, Add	36.41	
	For Custom Built In Place, Add	24.39	
06 41 13 00-0005	EA 18" x 30" Wall Cabinet	129.82	21.75
	For Plastic Laminate On Particle Board, Deduct	-30.21	
	For Economy Grade, Deduct	-17.26	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-8.63	
	For High Grade, Add	8.63	
	For Higher Grade, Add	17.26	
	For Deluxe Grade, Add	34.53	
	For Custom Deluxe Grade, Add	38.88	
	For Custom Built In Place, Add	25.93	
06 41 13 00-0006	EA 21" x 30" Wall Cabinet	140.29	24.52
	For Plastic Laminate On Particle Board, Deduct	-31.94	
	For Economy Grade, Deduct	-18.25	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-9.13	
	For High Grade, Add	9.13	
	For Higher Grade, Add	18.25	
	For Deluxe Grade, Add	36.50	
	For Custom Deluxe Grade, Add	41.40	
	For Custom Built In Place, Add	27.72	
06 41 13 00-0007	EA 24" x 30" Wall Cabinet	147.69	24.52
	For Plastic Laminate On Particle Board, Deduct	-34.53	
	For Economy Grade, Deduct	-19.73	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-9.87	
	For High Grade, Add	9.87	
	For Higher Grade, Add	19.73	
	For Deluxe Grade, Add	39.46	
	For Custom Deluxe Grade, Add	44.36	
	For Custom Built In Place, Add	29.57	
06 41 13 00-0008	EA 24" x 30" Wall Cabinet, 2 Doors	153.86	24.52
	For Plastic Laminate On Particle Board, Deduct	-36.69	
	For Economy Grade, Deduct	-20.96	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.48	
	For High Grade, Add	10.48	
	For Higher Grade, Add	20.96	
	For Deluxe Grade, Add	41.93	
	For Custom Deluxe Grade, Add	46.83	
	For Custom Built In Place, Add	31.11	
06 41 13 00-0009	EA 27" x 30" Wall Cabinet	160.02	24.52
	For Plastic Laminate On Particle Board, Deduct	-38.84	
	For Economy Grade, Deduct	-22.20	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.10	
	For High Grade, Add	11.10	
	For Higher Grade, Add	22.20	
	For Deluxe Grade, Add	44.39	
	For Custom Deluxe Grade, Add	49.30	
	For Custom Built In Place, Add	32.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0010	EA	30" x 30" Wall Cabinet.....	176.99	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.30	
			<i>For Economy Grade, Deduct</i>	-24.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.09	
			<i>For High Grade, Add</i>	12.09	
			<i>For Higher Grade, Add</i>	24.17	
			<i>For Deluxe Grade, Add</i>	48.34	
			<i>For Custom Deluxe Grade, Add</i>	53.95	
			<i>For Custom Built In Place, Add</i>	35.83	
06 41	13 00-0011	EA	33" x 30" Wall Cabinet.....	189.17	30.45
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-44.89	
			<i>For Economy Grade, Deduct</i>	-25.65	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.83	
			<i>For High Grade, Add</i>	12.83	
			<i>For Higher Grade, Add</i>	25.65	
			<i>For Deluxe Grade, Add</i>	51.30	
			<i>For Custom Deluxe Grade, Add</i>	57.39	
			<i>For Custom Built In Place, Add</i>	38.15	
06 41	13 00-0012	EA	36" x 30" Wall Cabinet.....	196.02	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-46.18	
			<i>For Economy Grade, Deduct</i>	-26.39	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.20	
			<i>For High Grade, Add</i>	13.20	
			<i>For Higher Grade, Add</i>	26.39	
			<i>For Deluxe Grade, Add</i>	52.78	
			<i>For Custom Deluxe Grade, Add</i>	59.19	
			<i>For Custom Built In Place, Add</i>	39.39	
06 41	13 00-0013	EA	39" x 30" Wall Cabinet.....	207.78	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-49.20	
			<i>For Economy Grade, Deduct</i>	-28.12	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.06	
			<i>For High Grade, Add</i>	14.06	
			<i>For Higher Grade, Add</i>	28.12	
			<i>For Deluxe Grade, Add</i>	56.23	
			<i>For Custom Deluxe Grade, Add</i>	62.95	
			<i>For Custom Built In Place, Add</i>	41.87	
06 41	13 00-0014	EA	42" x 30" Wall Cabinet.....	215.18	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.79	
			<i>For Economy Grade, Deduct</i>	-29.60	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.80	
			<i>For High Grade, Add</i>	14.80	
			<i>For Higher Grade, Add</i>	29.60	
			<i>For Deluxe Grade, Add</i>	59.19	
			<i>For Custom Deluxe Grade, Add</i>	65.91	
			<i>For Custom Built In Place, Add</i>	43.72	
06 41	13 00-0015	EA	45" x 30" Wall Cabinet.....	227.32	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-54.38	
			<i>For Economy Grade, Deduct</i>	-31.08	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.54	
			<i>For High Grade, Add</i>	15.54	
			<i>For Higher Grade, Add</i>	31.08	
			<i>For Deluxe Grade, Add</i>	62.15	
			<i>For Custom Deluxe Grade, Add</i>	69.35	
			<i>For Custom Built In Place, Add</i>	46.04	
06 41	13 00-0016	EA	48" x 30" Wall Cabinet.....	234.72	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	72.31	
			<i>For Custom Built In Place, Add</i>	47.89	
06 41	13 00-0017	EA	24" x 30" Blind Corner Wall Cabinet.....	147.66	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-34.53	
			<i>For Economy Grade, Deduct</i>	-19.73	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.87	
			<i>For High Grade, Add</i>	9.87	
			<i>For Higher Grade, Add</i>	19.73	
			<i>For Deluxe Grade, Add</i>	39.46	
			<i>For Custom Deluxe Grade, Add</i>	44.36	
			<i>For Custom Built In Place, Add</i>	29.56	
06 41	13 00-0018	EA	24" x 30" Blind Corner Wall Cabinet.....	159.99	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-38.84	
			<i>For Economy Grade, Deduct</i>	-22.20	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.10	
			<i>For High Grade, Add</i>	11.10	
			<i>For Higher Grade, Add</i>	22.20	
			<i>For Deluxe Grade, Add</i>	44.39	
			<i>For Custom Deluxe Grade, Add</i>	49.29	
			<i>For Custom Built In Place, Add</i>	32.65	
06 41	13 00-0019	EA	30" x 30" Blind Corner Wall Cabinet.....	176.99	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.30	
			<i>For Economy Grade, Deduct</i>	-24.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.09	
			<i>For High Grade, Add</i>	12.09	
			<i>For Higher Grade, Add</i>	24.17	
			<i>For Deluxe Grade, Add</i>	48.34	
			<i>For Custom Deluxe Grade, Add</i>	53.95	
			<i>For Custom Built In Place, Add</i>	35.83	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0020	EA	33" x 30" Blind Corner Wall Cabinet	189.12	30.45
			For Plastic Laminate On Particle Board, Deduct	-44.89	
			For Economy Grade, Deduct	-25.65	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.83	
			For High Grade, Add	12.83	
			For Higher Grade, Add	25.65	
			For Deluxe Grade, Add	51.30	
			For Custom Deluxe Grade, Add	57.39	
			For Custom Built In Place, Add	38.15	
06 41	13 00-0021	EA	36" x 30" Blind Corner Wall Cabinet	195.97	32.03
			For Plastic Laminate On Particle Board, Deduct	-46.18	
			For Economy Grade, Deduct	-26.39	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-13.20	
			For High Grade, Add	13.20	
			For Higher Grade, Add	26.39	
			For Deluxe Grade, Add	52.78	
			For Custom Deluxe Grade, Add	59.18	
			For Custom Built In Place, Add	39.39	
06 41	13 00-0022	EA	42" x 30" Blind Corner Wall Cabinet	215.18	33.61
			For Plastic Laminate On Particle Board, Deduct	-51.79	
			For Economy Grade, Deduct	-29.60	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-14.80	
			For High Grade, Add	14.80	
			For Higher Grade, Add	29.60	
			For Deluxe Grade, Add	59.19	
			For Custom Deluxe Grade, Add	65.91	
			For Custom Built In Place, Add	43.72	
06 41	13 00-0023	EA	48" x 30" Blind Corner Wall Cabinet	234.72	35.99
			For Plastic Laminate On Particle Board, Deduct	-56.97	
			For Economy Grade, Deduct	-32.56	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-16.28	
			For High Grade, Add	16.28	
			For Higher Grade, Add	32.56	
			For Deluxe Grade, Add	65.11	
			For Custom Deluxe Grade, Add	72.31	
			For Custom Built In Place, Add	47.89	
06 41	13 00-0024	EA	30" x 34-1/2" Microwave Cabinet	242.14	30.45
			For Plastic Laminate On Particle Board, Deduct	-63.44	
			For Economy Grade, Deduct	-36.25	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.13	
			For High Grade, Add	18.13	
			For Higher Grade, Add	36.25	
			For Deluxe Grade, Add	72.51	
			For Custom Deluxe Grade, Add	78.60	
			For Custom Built In Place, Add	51.40	
06 41	13 00-0025	EA	30" x 46-1/2" Microwave Cabinet	316.10	35.99
			For Plastic Laminate On Particle Board, Deduct	-85.46	
			For Economy Grade, Deduct	-48.83	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-24.42	
			For High Grade, Add	24.42	
			For Higher Grade, Add	48.83	
			For Deluxe Grade, Add	97.66	
			For Custom Deluxe Grade, Add	104.86	
			For Custom Built In Place, Add	68.23	
06 41	13 00-0026	EA	30" x 12" x 34-1/2" Microwave Cabinet	237.41	28.08
			For Plastic Laminate On Particle Board, Deduct	-63.44	
			For Economy Grade, Deduct	-36.25	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.13	
			For High Grade, Add	18.13	
			For Higher Grade, Add	36.25	
			For Deluxe Grade, Add	72.51	
			For Custom Deluxe Grade, Add	78.12	
			For Custom Built In Place, Add	50.93	
06 41	13 00-0027	EA	30" x 12" x 46-1/2" Microwave Cabinet	316.10	35.99
			For Plastic Laminate On Particle Board, Deduct	-85.46	
			For Economy Grade, Deduct	-48.83	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-24.42	
			For High Grade, Add	24.42	
			For Higher Grade, Add	48.83	
			For Deluxe Grade, Add	97.66	
			For Custom Deluxe Grade, Add	104.86	
			For Custom Built In Place, Add	68.23	
06 41	13 00-0028	EA	30" x 21" Microwave Cabinet	172.32	24.52
			For Plastic Laminate On Particle Board, Deduct	-43.16	
			For Economy Grade, Deduct	-24.66	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.33	
			For High Grade, Add	12.33	
			For Higher Grade, Add	24.66	
			For Deluxe Grade, Add	49.32	
			For Custom Deluxe Grade, Add	54.23	
			For Custom Built In Place, Add	35.73	
06 41	13 00-0029	EA	30" x 30" Washer / Dryer Cabinet	176.99	28.08
			For Plastic Laminate On Particle Board, Deduct	-42.30	
			For Economy Grade, Deduct	-24.17	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.09	
			For High Grade, Add	12.09	
			For Higher Grade, Add	24.17	
			For Deluxe Grade, Add	48.34	
			For Custom Deluxe Grade, Add	53.95	
			For Custom Built In Place, Add	35.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0030	EA	24" x 24" x 48" Diagonal Corner Cabinet.....	338.52	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-94.95	
			<i>For Economy Grade, Deduct</i>	-54.26	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.13	
			<i>For High Grade, Add</i>	27.13	
			<i>For Higher Grade, Add</i>	54.26	
			<i>For Deluxe Grade, Add</i>	108.52	
			<i>For Custom Deluxe Grade, Add</i>	115.24	
			<i>For Custom Built In Place, Add</i>	74.55	
06 41	13 00-0031	EA	24" x 24" x 48" Diagonal Corner Cabinet (RS).....	369.54	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-105.81	
			<i>For Economy Grade, Deduct</i>	-60.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-30.23	
			<i>For High Grade, Add</i>	30.23	
			<i>For Higher Grade, Add</i>	60.46	
			<i>For Deluxe Grade, Add</i>	120.92	
			<i>For Custom Deluxe Grade, Add</i>	127.65	
			<i>For Custom Built In Place, Add</i>	82.30	
06 41	13 00-0032	EA	24" x 24" x 60" Diagonal Corner Cabinet.....	397.53	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-113.94	
			<i>For Economy Grade, Deduct</i>	-65.11	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.56	
			<i>For High Grade, Add</i>	32.56	
			<i>For Higher Grade, Add</i>	65.11	
			<i>For Deluxe Grade, Add</i>	130.22	
			<i>For Custom Deluxe Grade, Add</i>	137.42	
			<i>For Custom Built In Place, Add</i>	88.59	
06 41	13 00-0033	EA	24" x 24" x 60" Diagonal Corner Cabinet (RS).....	446.86	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-131.21	
			<i>For Economy Grade, Deduct</i>	-74.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-37.49	
			<i>For High Grade, Add</i>	37.49	
			<i>For Higher Grade, Add</i>	74.98	
			<i>For Deluxe Grade, Add</i>	149.95	
			<i>For Custom Deluxe Grade, Add</i>	157.15	
			<i>For Custom Built In Place, Add</i>	100.92	
06 41	13 00-0034	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet.....	204.11	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.79	
			<i>For Economy Grade, Deduct</i>	-29.60	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.80	
			<i>For High Grade, Add</i>	14.80	
			<i>For Higher Grade, Add</i>	29.60	
			<i>For Deluxe Grade, Add</i>	59.19	
			<i>For Custom Deluxe Grade, Add</i>	64.81	
			<i>For Custom Built In Place, Add</i>	42.61	
06 41	13 00-0035	EA	24" x 24" x 30" Diagonal Corner Wall Cabinet (RS).....	253.43	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-69.06	
			<i>For Economy Grade, Deduct</i>	-39.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.73	
			<i>For High Grade, Add</i>	19.73	
			<i>For Higher Grade, Add</i>	39.46	
			<i>For Deluxe Grade, Add</i>	78.92	
			<i>For Custom Deluxe Grade, Add</i>	84.53	
			<i>For Custom Built In Place, Add</i>	54.94	
06 41	13 00-0036	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet.....	233.70	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-62.15	
			<i>For Economy Grade, Deduct</i>	-35.51	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.76	
			<i>For High Grade, Add</i>	17.76	
			<i>For Higher Grade, Add</i>	35.51	
			<i>For Deluxe Grade, Add</i>	71.03	
			<i>For Custom Deluxe Grade, Add</i>	76.64	
			<i>For Custom Built In Place, Add</i>	50.01	
06 41	13 00-0037	EA	24" x 24" x 42" Diagonal Corner Wall Cabinet (RS).....	292.89	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-82.87	
			<i>For Economy Grade, Deduct</i>	-47.35	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.68	
			<i>For High Grade, Add</i>	23.68	
			<i>For Higher Grade, Add</i>	47.35	
			<i>For Deluxe Grade, Add</i>	94.70	
			<i>For Custom Deluxe Grade, Add</i>	100.32	
			<i>For Custom Built In Place, Add</i>	64.80	
06 41	13 00-0038	EA	18" x 12" Wall Cabinet.....	90.35	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-16.40	
			<i>For Economy Grade, Deduct</i>	-9.37	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-4.69	
			<i>For High Grade, Add</i>	4.69	
			<i>For Higher Grade, Add</i>	9.37	
			<i>For Deluxe Grade, Add</i>	18.74	
			<i>For Custom Deluxe Grade, Add</i>	23.09	
			<i>For Custom Built In Place, Add</i>	16.06	
06 41	13 00-0039	EA	24" x 12" Wall Cabinet.....	118.08	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-24.17	
			<i>For Economy Grade, Deduct</i>	-13.81	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-6.91	
			<i>For High Grade, Add</i>	6.91	
			<i>For Higher Grade, Add</i>	13.81	
			<i>For Deluxe Grade, Add</i>	27.62	
			<i>For Custom Deluxe Grade, Add</i>	32.53	
			<i>For Custom Built In Place, Add</i>	22.17	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0040	EA		30" x 12" Wall Cabinet.....	135.05	28.08
			For Plastic Laminate On Particle Board, Deduct	-27.62	
			For Economy Grade, Deduct	-15.78	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-7.89	
			For High Grade, Add	7.89	
			For Higher Grade, Add	15.78	
			For Deluxe Grade, Add	31.57	
			For Custom Deluxe Grade, Add	37.18	
			For Custom Built In Place, Add	25.34	
06 41 13 00-0041	EA		33" x 12" Wall Cabinet.....	144.72	30.45
			For Plastic Laminate On Particle Board, Deduct	-29.35	
			For Economy Grade, Deduct	-16.77	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.39	
			For High Grade, Add	8.39	
			For Higher Grade, Add	16.77	
			For Deluxe Grade, Add	33.54	
			For Custom Deluxe Grade, Add	39.63	
			For Custom Built In Place, Add	27.05	
06 41 13 00-0042	EA		36" x 12" Wall Cabinet.....	150.36	32.03
			For Plastic Laminate On Particle Board, Deduct	-30.21	
			For Economy Grade, Deduct	-17.26	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.63	
			For High Grade, Add	8.63	
			For Higher Grade, Add	17.26	
			For Deluxe Grade, Add	34.53	
			For Custom Deluxe Grade, Add	40.93	
			For Custom Built In Place, Add	27.98	
06 41 13 00-0043	EA		39" x 12" Wall Cabinet.....	155.99	33.61
			For Plastic Laminate On Particle Board, Deduct	-31.08	
			For Economy Grade, Deduct	-17.76	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.88	
			For High Grade, Add	8.88	
			For Higher Grade, Add	17.76	
			For Deluxe Grade, Add	35.52	
			For Custom Deluxe Grade, Add	42.24	
			For Custom Built In Place, Add	28.92	
06 41 13 00-0044	EA		42" x 12" Wall Cabinet.....	158.45	33.61
			For Plastic Laminate On Particle Board, Deduct	-31.94	
			For Economy Grade, Deduct	-18.25	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.13	
			For High Grade, Add	9.13	
			For Higher Grade, Add	18.25	
			For Deluxe Grade, Add	36.50	
			For Custom Deluxe Grade, Add	43.22	
			For Custom Built In Place, Add	29.53	
06 41 13 00-0045	EA		18" x 15" Wall Cabinet.....	90.35	21.75
			For Plastic Laminate On Particle Board, Deduct	-16.40	
			For Economy Grade, Deduct	-9.37	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-4.69	
			For High Grade, Add	4.69	
			For Higher Grade, Add	9.37	
			For Deluxe Grade, Add	18.74	
			For Custom Deluxe Grade, Add	23.09	
			For Custom Built In Place, Add	16.06	
06 41 13 00-0046	EA		24" x 15" Wall Cabinet.....	118.08	24.52
			For Plastic Laminate On Particle Board, Deduct	-24.17	
			For Economy Grade, Deduct	-13.81	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-6.91	
			For High Grade, Add	6.91	
			For Higher Grade, Add	13.81	
			For Deluxe Grade, Add	27.62	
			For Custom Deluxe Grade, Add	32.53	
			For Custom Built In Place, Add	22.17	
06 41 13 00-0047	EA		30" x 15" Wall Cabinet.....	135.05	28.08
			For Plastic Laminate On Particle Board, Deduct	-27.62	
			For Economy Grade, Deduct	-15.78	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-7.89	
			For High Grade, Add	7.89	
			For Higher Grade, Add	15.78	
			For Deluxe Grade, Add	31.57	
			For Custom Deluxe Grade, Add	37.18	
			For Custom Built In Place, Add	25.34	
06 41 13 00-0048	EA		33" x 15" Wall Cabinet.....	144.72	30.45
			For Plastic Laminate On Particle Board, Deduct	-29.35	
			For Economy Grade, Deduct	-16.77	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.39	
			For High Grade, Add	8.39	
			For Higher Grade, Add	16.77	
			For Deluxe Grade, Add	33.54	
			For Custom Deluxe Grade, Add	39.63	
			For Custom Built In Place, Add	27.05	
06 41 13 00-0049	EA		36" x 15" Wall Cabinet.....	152.83	32.03
			For Plastic Laminate On Particle Board, Deduct	-31.08	
			For Economy Grade, Deduct	-17.76	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.88	
			For High Grade, Add	8.88	
			For Higher Grade, Add	17.76	
			For Deluxe Grade, Add	35.52	
			For Custom Deluxe Grade, Add	41.92	
			For Custom Built In Place, Add	28.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0050	EA	39" x 15" Wall Cabinet.....	163.39	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-33.67	
			<i>For Economy Grade, Deduct</i>	-19.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.62	
			<i>For High Grade, Add</i>	9.62	
			<i>For Higher Grade, Add</i>	19.24	
			<i>For Deluxe Grade, Add</i>	38.48	
			<i>For Custom Deluxe Grade, Add</i>	45.20	
			<i>For Custom Built In Place, Add</i>	30.77	
06 41	13 00-0051	EA	42" x 15" Wall Cabinet.....	170.78	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-36.25	
			<i>For Economy Grade, Deduct</i>	-20.72	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.36	
			<i>For High Grade, Add</i>	10.36	
			<i>For Higher Grade, Add</i>	20.72	
			<i>For Deluxe Grade, Add</i>	41.43	
			<i>For Custom Deluxe Grade, Add</i>	48.15	
			<i>For Custom Built In Place, Add</i>	32.62	
06 41	13 00-0052	EA	48" x 15" Wall Cabinet.....	182.92	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-38.84	
			<i>For Economy Grade, Deduct</i>	-22.20	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.10	
			<i>For High Grade, Add</i>	11.10	
			<i>For Higher Grade, Add</i>	22.20	
			<i>For Deluxe Grade, Add</i>	44.39	
			<i>For Custom Deluxe Grade, Add</i>	51.59	
			<i>For Custom Built In Place, Add</i>	34.94	
06 41	13 00-0053	EA	18" x 18" Wall Cabinet.....	105.16	21.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-21.58	
			<i>For Economy Grade, Deduct</i>	-12.33	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-6.17	
			<i>For High Grade, Add</i>	6.17	
			<i>For Higher Grade, Add</i>	12.33	
			<i>For Deluxe Grade, Add</i>	24.66	
			<i>For Custom Deluxe Grade, Add</i>	29.01	
			<i>For Custom Built In Place, Add</i>	19.77	
06 41	13 00-0054	EA	24" x 18" Wall Cabinet.....	118.07	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-24.17	
			<i>For Economy Grade, Deduct</i>	-13.81	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-6.91	
			<i>For High Grade, Add</i>	6.91	
			<i>For Higher Grade, Add</i>	13.81	
			<i>For Deluxe Grade, Add</i>	27.62	
			<i>For Custom Deluxe Grade, Add</i>	32.53	
			<i>For Custom Built In Place, Add</i>	22.17	
06 41	13 00-0055	EA	30" x 18" Wall Cabinet.....	139.99	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-29.35	
			<i>For Economy Grade, Deduct</i>	-16.77	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.39	
			<i>For High Grade, Add</i>	8.39	
			<i>For Higher Grade, Add</i>	16.77	
			<i>For Deluxe Grade, Add</i>	33.54	
			<i>For Custom Deluxe Grade, Add</i>	39.15	
			<i>For Custom Built In Place, Add</i>	26.58	
06 41	13 00-0056	EA	33" x 18" Wall Cabinet.....	149.66	30.45
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-31.08	
			<i>For Economy Grade, Deduct</i>	-17.76	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.88	
			<i>For High Grade, Add</i>	8.88	
			<i>For Higher Grade, Add</i>	17.76	
			<i>For Deluxe Grade, Add</i>	35.52	
			<i>For Custom Deluxe Grade, Add</i>	41.60	
			<i>For Custom Built In Place, Add</i>	28.28	
06 41	13 00-0057	EA	36" x 18" Wall Cabinet.....	157.74	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-32.80	
			<i>For Economy Grade, Deduct</i>	-18.74	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.37	
			<i>For High Grade, Add</i>	9.37	
			<i>For Higher Grade, Add</i>	18.74	
			<i>For Deluxe Grade, Add</i>	37.49	
			<i>For Custom Deluxe Grade, Add</i>	43.89	
			<i>For Custom Built In Place, Add</i>	29.83	
06 41	13 00-0058	EA	39" x 18" Wall Cabinet.....	167.08	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-34.96	
			<i>For Economy Grade, Deduct</i>	-19.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.99	
			<i>For High Grade, Add</i>	9.99	
			<i>For Higher Grade, Add</i>	19.98	
			<i>For Deluxe Grade, Add</i>	39.95	
			<i>For Custom Deluxe Grade, Add</i>	46.67	
			<i>For Custom Built In Place, Add</i>	31.69	
06 41	13 00-0059	EA	42" x 18" Wall Cabinet.....	173.25	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-37.12	
			<i>For Economy Grade, Deduct</i>	-21.21	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.61	
			<i>For High Grade, Add</i>	10.61	
			<i>For Higher Grade, Add</i>	21.21	
			<i>For Deluxe Grade, Add</i>	42.42	
			<i>For Custom Deluxe Grade, Add</i>	49.14	
			<i>For Custom Built In Place, Add</i>	33.23	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0060	EA	48" x 18" Wall Cabinet.....	187.86	35.99
			For Plastic Laminate On Particle Board, Deduct	-40.57	
			For Economy Grade, Deduct	-23.18	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-11.59	
			For High Grade, Add	11.59	
			For Higher Grade, Add	23.18	
			For Deluxe Grade, Add	46.37	
			For Custom Deluxe Grade, Add	53.56	
			For Custom Built In Place, Add	36.17	
06 41	13 00-0061	EA	12" x 24" Wall Cabinet.....	106.39	21.75
			For Plastic Laminate On Particle Board, Deduct	-22.01	
			For Economy Grade, Deduct	-12.58	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-6.29	
			For High Grade, Add	6.29	
			For Higher Grade, Add	12.58	
			For Deluxe Grade, Add	25.16	
			For Custom Deluxe Grade, Add	29.51	
			For Custom Built In Place, Add	20.07	
06 41	13 00-0062	EA	15" x 24" Wall Cabinet.....	111.32	21.75
			For Plastic Laminate On Particle Board, Deduct	-23.74	
			For Economy Grade, Deduct	-13.56	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-6.78	
			For High Grade, Add	6.78	
			For Higher Grade, Add	13.56	
			For Deluxe Grade, Add	27.13	
			For Custom Deluxe Grade, Add	31.48	
			For Custom Built In Place, Add	21.31	
06 41	13 00-0063	EA	18" x 24" Wall Cabinet.....	116.26	21.75
			For Plastic Laminate On Particle Board, Deduct	-25.47	
			For Economy Grade, Deduct	-14.55	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-7.28	
			For High Grade, Add	7.28	
			For Higher Grade, Add	14.55	
			For Deluxe Grade, Add	29.10	
			For Custom Deluxe Grade, Add	33.45	
			For Custom Built In Place, Add	22.54	
06 41	13 00-0064	EA	24" x 24" Wall Cabinet.....	131.66	24.52
			For Plastic Laminate On Particle Board, Deduct	-28.92	
			For Economy Grade, Deduct	-16.52	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.26	
			For High Grade, Add	8.26	
			For Higher Grade, Add	16.52	
			For Deluxe Grade, Add	33.05	
			For Custom Deluxe Grade, Add	37.95	
			For Custom Built In Place, Add	25.56	
06 41	13 00-0065	EA	24" x 24" Wall Cabinet, 2 Doors.....	135.36	24.52
			For Plastic Laminate On Particle Board, Deduct	-30.21	
			For Economy Grade, Deduct	-17.26	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.63	
			For High Grade, Add	8.63	
			For Higher Grade, Add	17.26	
			For Deluxe Grade, Add	34.53	
			For Custom Deluxe Grade, Add	39.43	
			For Custom Built In Place, Add	26.48	
06 41	13 00-0066	EA	27" x 24" Wall Cabinet.....	139.06	24.52
			For Plastic Laminate On Particle Board, Deduct	-31.51	
			For Economy Grade, Deduct	-18.00	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.00	
			For High Grade, Add	9.00	
			For Higher Grade, Add	18.00	
			For Deluxe Grade, Add	36.01	
			For Custom Deluxe Grade, Add	40.91	
			For Custom Built In Place, Add	27.41	
06 41	13 00-0067	EA	30" x 24" Wall Cabinet.....	148.63	28.08
			For Plastic Laminate On Particle Board, Deduct	-32.37	
			For Economy Grade, Deduct	-18.50	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.25	
			For High Grade, Add	9.25	
			For Higher Grade, Add	18.50	
			For Deluxe Grade, Add	37.00	
			For Custom Deluxe Grade, Add	42.61	
			For Custom Built In Place, Add	28.74	
06 41	13 00-0068	EA	33" x 24" Wall Cabinet.....	158.34	30.45
			For Plastic Laminate On Particle Board, Deduct	-34.10	
			For Economy Grade, Deduct	-19.48	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.74	
			For High Grade, Add	9.74	
			For Higher Grade, Add	19.48	
			For Deluxe Grade, Add	38.97	
			For Custom Deluxe Grade, Add	45.06	
			For Custom Built In Place, Add	30.45	
06 41	13 00-0069	EA	36" x 24" Wall Cabinet.....	163.95	32.03
			For Plastic Laminate On Particle Board, Deduct	-34.96	
			For Economy Grade, Deduct	-19.98	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.99	
			For High Grade, Add	9.99	
			For Higher Grade, Add	19.98	
			For Deluxe Grade, Add	39.95	
			For Custom Deluxe Grade, Add	46.36	
			For Custom Built In Place, Add	31.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0070	EA	39" x 24" Wall Cabinet.....	172.02	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-36.69	
			<i>For Economy Grade, Deduct</i>	-20.96	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.48	
			<i>For High Grade, Add</i>	10.48	
			<i>For Higher Grade, Add</i>	20.96	
			<i>For Deluxe Grade, Add</i>	41.93	
			<i>For Custom Deluxe Grade, Add</i>	48.65	
			<i>For Custom Built In Place, Add</i>	32.93	
06 41	13 00-0071	EA	42" x 24" Wall Cabinet.....	179.42	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-39.28	
			<i>For Economy Grade, Deduct</i>	-22.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.22	
			<i>For High Grade, Add</i>	11.22	
			<i>For Higher Grade, Add</i>	22.44	
			<i>For Deluxe Grade, Add</i>	44.89	
			<i>For Custom Deluxe Grade, Add</i>	51.61	
			<i>For Custom Built In Place, Add</i>	34.78	
06 41	13 00-0072	EA	45" x 24" Wall Cabinet.....	194.02	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.73	
			<i>For Economy Grade, Deduct</i>	-24.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.21	
			<i>For High Grade, Add</i>	12.21	
			<i>For Higher Grade, Add</i>	24.42	
			<i>For Deluxe Grade, Add</i>	48.83	
			<i>For Custom Deluxe Grade, Add</i>	56.03	
			<i>For Custom Built In Place, Add</i>	37.71	
06 41	13 00-0073	EA	48" x 24" Wall Cabinet.....	201.42	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-45.32	
			<i>For Economy Grade, Deduct</i>	-25.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.95	
			<i>For High Grade, Add</i>	12.95	
			<i>For Higher Grade, Add</i>	25.90	
			<i>For Deluxe Grade, Add</i>	51.79	
			<i>For Custom Deluxe Grade, Add</i>	58.99	
			<i>For Custom Built In Place, Add</i>	39.56	
06 41	13 00-0074	EA	24" x 24" Blind Corner Wall Cabinet.....	131.63	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.92	
			<i>For Economy Grade, Deduct</i>	-16.52	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.26	
			<i>For High Grade, Add</i>	8.26	
			<i>For Higher Grade, Add</i>	16.52	
			<i>For Deluxe Grade, Add</i>	33.05	
			<i>For Custom Deluxe Grade, Add</i>	37.95	
			<i>For Custom Built In Place, Add</i>	25.56	
06 41	13 00-0075	EA	30" x 24" Blind Corner Wall Cabinet.....	148.63	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-32.37	
			<i>For Economy Grade, Deduct</i>	-18.50	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.25	
			<i>For High Grade, Add</i>	9.25	
			<i>For Higher Grade, Add</i>	18.50	
			<i>For Deluxe Grade, Add</i>	37.00	
			<i>For Custom Deluxe Grade, Add</i>	42.61	
			<i>For Custom Built In Place, Add</i>	28.74	
06 41	13 00-0076	EA	36" x 24" Blind Corner Wall Cabinet.....	163.90	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-34.96	
			<i>For Economy Grade, Deduct</i>	-19.98	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.99	
			<i>For High Grade, Add</i>	9.99	
			<i>For Higher Grade, Add</i>	19.98	
			<i>For Deluxe Grade, Add</i>	39.95	
			<i>For Custom Deluxe Grade, Add</i>	46.35	
			<i>For Custom Built In Place, Add</i>	31.37	
06 41	13 00-0077	EA	42" x 24" Blind Corner Wall Cabinet.....	179.42	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-39.28	
			<i>For Economy Grade, Deduct</i>	-22.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.22	
			<i>For High Grade, Add</i>	11.22	
			<i>For Higher Grade, Add</i>	22.44	
			<i>For Deluxe Grade, Add</i>	44.89	
			<i>For Custom Deluxe Grade, Add</i>	51.61	
			<i>For Custom Built In Place, Add</i>	34.78	
06 41	13 00-0078	EA	48" x 24" Blind Corner Wall Cabinet.....	201.42	35.99
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-45.32	
			<i>For Economy Grade, Deduct</i>	-25.90	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.95	
			<i>For High Grade, Add</i>	12.95	
			<i>For Higher Grade, Add</i>	25.90	
			<i>For Deluxe Grade, Add</i>	51.79	
			<i>For Custom Deluxe Grade, Add</i>	58.99	
			<i>For Custom Built In Place, Add</i>	39.56	
06 41	13 00-0079	EA	9" x 42" Wall Cabinet.....	131.66	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.92	
			<i>For Economy Grade, Deduct</i>	-16.52	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.26	
			<i>For High Grade, Add</i>	8.26	
			<i>For Higher Grade, Add</i>	16.52	
			<i>For Deluxe Grade, Add</i>	33.05	
			<i>For Custom Deluxe Grade, Add</i>	37.95	
			<i>For Custom Built In Place, Add</i>	25.56	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0080	EA 12" x 42" Wall Cabinet.....	137.83	24.52
	For Plastic Laminate On Particle Board, Deduct	-31.08	
	For Economy Grade, Deduct	-17.76	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-8.88	
	For High Grade, Add	8.88	
	For Higher Grade, Add	17.76	
	For Deluxe Grade, Add	35.52	
	For Custom Deluxe Grade, Add	40.42	
	For Custom Built In Place, Add	27.10	
06 41 13 00-0081	EA 15" x 42" Wall Cabinet.....	145.23	24.52
	For Plastic Laminate On Particle Board, Deduct	-33.67	
	For Economy Grade, Deduct	-19.24	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-9.62	
	For High Grade, Add	9.62	
	For Higher Grade, Add	19.24	
	For Deluxe Grade, Add	38.48	
	For Custom Deluxe Grade, Add	43.38	
	For Custom Built In Place, Add	28.95	
06 41 13 00-0082	EA 18" x 42" Wall Cabinet.....	152.62	24.52
	For Plastic Laminate On Particle Board, Deduct	-36.25	
	For Economy Grade, Deduct	-20.72	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.36	
	For High Grade, Add	10.36	
	For Higher Grade, Add	20.72	
	For Deluxe Grade, Add	41.43	
	For Custom Deluxe Grade, Add	46.34	
	For Custom Built In Place, Add	30.80	
06 41 13 00-0083	EA 21" x 42" Wall Cabinet.....	165.89	28.08
	For Plastic Laminate On Particle Board, Deduct	-38.41	
	For Economy Grade, Deduct	-21.95	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.98	
	For High Grade, Add	10.98	
	For Higher Grade, Add	21.95	
	For Deluxe Grade, Add	43.90	
	For Custom Deluxe Grade, Add	49.51	
	For Custom Built In Place, Add	33.05	
06 41 13 00-0084	EA 24" x 42" Wall Cabinet.....	174.52	28.08
	For Plastic Laminate On Particle Board, Deduct	-41.43	
	For Economy Grade, Deduct	-23.68	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
	For High Grade, Add	11.84	
	For Higher Grade, Add	23.68	
	For Deluxe Grade, Add	47.35	
	For Custom Deluxe Grade, Add	52.97	
	For Custom Built In Place, Add	35.21	
06 41 13 00-0085	EA 24" x 42" Wall Cabinet, 2 Doors.....	188.09	28.08
	For Plastic Laminate On Particle Board, Deduct	-46.18	
	For Economy Grade, Deduct	-26.39	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-13.20	
	For High Grade, Add	13.20	
	For Higher Grade, Add	26.39	
	For Deluxe Grade, Add	52.78	
	For Custom Deluxe Grade, Add	58.39	
	For Custom Built In Place, Add	38.60	
06 41 13 00-0086	EA 30" x 42" Wall Cabinet.....	206.38	30.45
	For Plastic Laminate On Particle Board, Deduct	-50.93	
	For Economy Grade, Deduct	-29.10	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-14.55	
	For High Grade, Add	14.55	
	For Higher Grade, Add	29.10	
	For Deluxe Grade, Add	58.20	
	For Custom Deluxe Grade, Add	64.29	
	For Custom Built In Place, Add	42.46	
06 41 13 00-0087	EA 33" x 42" Wall Cabinet.....	218.21	32.03
	For Plastic Laminate On Particle Board, Deduct	-53.95	
	For Economy Grade, Deduct	-30.83	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.41	
	For High Grade, Add	15.41	
	For Higher Grade, Add	30.83	
	For Deluxe Grade, Add	61.66	
	For Custom Deluxe Grade, Add	68.06	
	For Custom Built In Place, Add	44.94	
06 41 13 00-0088	EA 36" x 42" Wall Cabinet.....	225.10	33.61
	For Plastic Laminate On Particle Board, Deduct	-55.24	
	For Economy Grade, Deduct	-31.57	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.78	
	For High Grade, Add	15.78	
	For Higher Grade, Add	31.57	
	For Deluxe Grade, Add	63.14	
	For Custom Deluxe Grade, Add	69.86	
	For Custom Built In Place, Add	46.19	
06 41 13 00-0089	EA 24" x 42" Blind Corner Wall Cabinet.....	174.52	28.08
	For Plastic Laminate On Particle Board, Deduct	-41.43	
	For Economy Grade, Deduct	-23.68	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
	For High Grade, Add	11.84	
	For Higher Grade, Add	23.68	
	For Deluxe Grade, Add	47.35	
	For Custom Deluxe Grade, Add	52.97	
	For Custom Built In Place, Add	35.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0090	EA	30" x 42" Blind Corner Wall Cabinet	206.38	30.45
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-50.93	
			<i>For Economy Grade, Deduct</i>	-29.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.55	
			<i>For High Grade, Add</i>	14.55	
			<i>For Higher Grade, Add</i>	29.10	
			<i>For Deluxe Grade, Add</i>	58.20	
			<i>For Custom Deluxe Grade, Add</i>	64.29	
			<i>For Custom Built In Place, Add</i>	42.46	
06 41	13 00-0091	EA	36" x 42" Blind Corner Wall Cabinet	225.04	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-55.24	
			<i>For Economy Grade, Deduct</i>	-31.57	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.78	
			<i>For High Grade, Add</i>	15.78	
			<i>For Higher Grade, Add</i>	31.57	
			<i>For Deluxe Grade, Add</i>	63.14	
			<i>For Custom Deluxe Grade, Add</i>	69.86	
			<i>For Custom Built In Place, Add</i>	46.18	
06 41	13 00-0092	EA	24" Angle End Wall Cabinet.....	169.86	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.30	
			<i>For Economy Grade, Deduct</i>	-24.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.09	
			<i>For High Grade, Add</i>	12.09	
			<i>For Higher Grade, Add</i>	24.17	
			<i>For Deluxe Grade, Add</i>	48.34	
			<i>For Custom Deluxe Grade, Add</i>	53.24	
			<i>For Custom Built In Place, Add</i>	35.11	
06 41	13 00-0093	EA	30" Angle End Wall Cabinet.....	188.07	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-46.18	
			<i>For Economy Grade, Deduct</i>	-26.39	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.20	
			<i>For High Grade, Add</i>	13.20	
			<i>For Higher Grade, Add</i>	26.39	
			<i>For Deluxe Grade, Add</i>	52.78	
			<i>For Custom Deluxe Grade, Add</i>	58.39	
			<i>For Custom Built In Place, Add</i>	38.60	
06 41	13 00-0094	EA	42" Angle End Wall Cabinet.....	242.30	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-61.29	
			<i>For Economy Grade, Deduct</i>	-35.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.51	
			<i>For High Grade, Add</i>	17.51	
			<i>For Higher Grade, Add</i>	35.02	
			<i>For Deluxe Grade, Add</i>	70.04	
			<i>For Custom Deluxe Grade, Add</i>	76.76	
			<i>For Custom Built In Place, Add</i>	50.50	
06 41	13 00-0095	EA	9" Base Cabinet.....	127.01	15.42
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-33.67	
			<i>For Economy Grade, Deduct</i>	-19.24	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.62	
			<i>For High Grade, Add</i>	9.62	
			<i>For Higher Grade, Add</i>	19.24	
			<i>For Deluxe Grade, Add</i>	38.48	
			<i>For Custom Deluxe Grade, Add</i>	41.56	
			<i>For Custom Built In Place, Add</i>	27.13	
06 41	13 00-0096	EA	12" Base Cabinet.....	140.54	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-34.53	
			<i>For Economy Grade, Deduct</i>	-19.73	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.87	
			<i>For High Grade, Add</i>	9.87	
			<i>For Higher Grade, Add</i>	19.73	
			<i>For Deluxe Grade, Add</i>	39.46	
			<i>For Custom Deluxe Grade, Add</i>	43.65	
			<i>For Custom Built In Place, Add</i>	28.85	
06 41	13 00-0097	EA	15" Base Cabinet.....	156.31	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-37.55	
			<i>For Economy Grade, Deduct</i>	-21.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.73	
			<i>For High Grade, Add</i>	10.73	
			<i>For Higher Grade, Add</i>	21.46	
			<i>For Deluxe Grade, Add</i>	42.91	
			<i>For Custom Deluxe Grade, Add</i>	47.82	
			<i>For Custom Built In Place, Add</i>	31.72	
06 41	13 00-0098	EA	18" Base Cabinet.....	168.38	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-39.28	
			<i>For Economy Grade, Deduct</i>	-22.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.22	
			<i>For High Grade, Add</i>	11.22	
			<i>For Higher Grade, Add</i>	22.44	
			<i>For Deluxe Grade, Add</i>	44.89	
			<i>For Custom Deluxe Grade, Add</i>	50.50	
			<i>For Custom Built In Place, Add</i>	33.67	
06 41	13 00-0099	EA	21" Base Cabinet.....	183.33	31.24
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.30	
			<i>For Economy Grade, Deduct</i>	-24.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.09	
			<i>For High Grade, Add</i>	12.09	
			<i>For Higher Grade, Add</i>	24.17	
			<i>For Deluxe Grade, Add</i>	48.34	
			<i>For Custom Deluxe Grade, Add</i>	54.59	
			<i>For Custom Built In Place, Add</i>	36.46	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0100	EA	24" Base Cabinet.....	194.76	32.03
			For Plastic Laminate On Particle Board, Deduct	-45.75	
			For Economy Grade, Deduct	-26.14	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-13.07	
			For High Grade, Add	13.07	
			For Higher Grade, Add	26.14	
			For Deluxe Grade, Add	52.28	
			For Custom Deluxe Grade, Add	58.69	
			For Custom Built In Place, Add	39.08	
06 41	13 00-0101	EA	24" Base Cabinet, 2 Doors.....	204.63	32.03
			For Plastic Laminate On Particle Board, Deduct	-49.20	
			For Economy Grade, Deduct	-28.12	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-14.06	
			For High Grade, Add	14.06	
			For Higher Grade, Add	28.12	
			For Deluxe Grade, Add	56.23	
			For Custom Deluxe Grade, Add	62.64	
			For Custom Built In Place, Add	41.55	
06 41	13 00-0102	EA	27" Base Cabinet.....	217.67	33.61
			For Plastic Laminate On Particle Board, Deduct	-52.65	
			For Economy Grade, Deduct	-30.09	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.04	
			For High Grade, Add	15.04	
			For Higher Grade, Add	30.09	
			For Deluxe Grade, Add	60.18	
			For Custom Deluxe Grade, Add	66.90	
			For Custom Built In Place, Add	44.33	
06 41	13 00-0103	EA	30" Base Cabinet.....	230.60	36.38
			For Plastic Laminate On Particle Board, Deduct	-55.24	
			For Economy Grade, Deduct	-31.57	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.78	
			For High Grade, Add	15.78	
			For Higher Grade, Add	31.57	
			For Deluxe Grade, Add	63.14	
			For Custom Deluxe Grade, Add	70.41	
			For Custom Built In Place, Add	46.74	
06 41	13 00-0104	EA	33" Base Cabinet.....	237.96	36.38
			For Plastic Laminate On Particle Board, Deduct	-57.83	
			For Economy Grade, Deduct	-33.05	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-16.52	
			For High Grade, Add	16.52	
			For Higher Grade, Add	33.05	
			For Deluxe Grade, Add	66.10	
			For Custom Deluxe Grade, Add	73.37	
			For Custom Built In Place, Add	48.58	
06 41	13 00-0105	EA	36" Base Cabinet.....	250.10	38.75
			For Plastic Laminate On Particle Board, Deduct	-60.42	
			For Economy Grade, Deduct	-34.53	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-17.26	
			For High Grade, Add	17.26	
			For Higher Grade, Add	34.53	
			For Deluxe Grade, Add	69.06	
			For Custom Deluxe Grade, Add	76.80	
			For Custom Built In Place, Add	50.91	
06 41	13 00-0106	EA	39" Base Cabinet.....	257.50	38.75
			For Plastic Laminate On Particle Board, Deduct	-63.01	
			For Economy Grade, Deduct	-36.01	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.00	
			For High Grade, Add	18.00	
			For Higher Grade, Add	36.01	
			For Deluxe Grade, Add	72.02	
			For Custom Deluxe Grade, Add	79.76	
			For Custom Built In Place, Add	52.76	
06 41	13 00-0107	EA	42" Base Cabinet.....	270.43	41.52
			For Plastic Laminate On Particle Board, Deduct	-65.60	
			For Economy Grade, Deduct	-37.49	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
			For High Grade, Add	18.74	
			For Higher Grade, Add	37.49	
			For Deluxe Grade, Add	74.98	
			For Custom Deluxe Grade, Add	83.28	
			For Custom Built In Place, Add	55.16	
06 41	13 00-0108	EA	45" Base Cabinet.....	277.83	41.52
			For Plastic Laminate On Particle Board, Deduct	-68.19	
			For Economy Grade, Deduct	-38.97	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.48	
			For High Grade, Add	19.48	
			For Higher Grade, Add	38.97	
			For Deluxe Grade, Add	77.94	
			For Custom Deluxe Grade, Add	86.24	
			For Custom Built In Place, Add	57.01	
06 41	13 00-0109	EA	48" Base Cabinet.....	292.25	46.26
			For Plastic Laminate On Particle Board, Deduct	-69.92	
			For Economy Grade, Deduct	-39.95	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
			For High Grade, Add	19.98	
			For Higher Grade, Add	39.95	
			For Deluxe Grade, Add	79.91	
			For Custom Deluxe Grade, Add	89.16	
			For Custom Built In Place, Add	59.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0110	EA	12"-4 Drawer Bases Cabinet	204.67	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	69.30	
			<i>For Custom Built In Place, Add</i>	44.88	
06 41	13 00-0111	EA	15"-4 Drawer Bases Cabinet	224.12	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-61.29	
			<i>For Economy Grade, Deduct</i>	-35.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.51	
			<i>For High Grade, Add</i>	17.51	
			<i>For Higher Grade, Add</i>	35.02	
			<i>For Deluxe Grade, Add</i>	70.04	
			<i>For Custom Deluxe Grade, Add</i>	74.95	
			<i>For Custom Built In Place, Add</i>	48.68	
06 41	13 00-0112	EA	18"-4 Drawer Bases Cabinet	243.56	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-65.60	
			<i>For Economy Grade, Deduct</i>	-37.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.74	
			<i>For High Grade, Add</i>	18.74	
			<i>For Higher Grade, Add</i>	37.49	
			<i>For Deluxe Grade, Add</i>	74.98	
			<i>For Custom Deluxe Grade, Add</i>	80.59	
			<i>For Custom Built In Place, Add</i>	52.47	
06 41	13 00-0113	EA	21"-4 Drawer Bases Cabinet	262.21	31.24
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-69.92	
			<i>For Economy Grade, Deduct</i>	-39.95	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.98	
			<i>For High Grade, Add</i>	19.98	
			<i>For Higher Grade, Add</i>	39.95	
			<i>For Deluxe Grade, Add</i>	79.91	
			<i>For Custom Deluxe Grade, Add</i>	86.15	
			<i>For Custom Built In Place, Add</i>	56.19	
06 41	13 00-0114	EA	24"-4 Drawer Bases Cabinet	263.79	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-69.92	
			<i>For Economy Grade, Deduct</i>	-39.95	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-19.98	
			<i>For High Grade, Add</i>	19.98	
			<i>For Higher Grade, Add</i>	39.95	
			<i>For Deluxe Grade, Add</i>	79.91	
			<i>For Custom Deluxe Grade, Add</i>	86.31	
			<i>For Custom Built In Place, Add</i>	56.34	
06 41	13 00-0115	EA	30"-4 Drawer Bases Cabinet	309.48	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-82.87	
			<i>For Economy Grade, Deduct</i>	-47.35	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-23.68	
			<i>For High Grade, Add</i>	23.68	
			<i>For Higher Grade, Add</i>	47.35	
			<i>For Deluxe Grade, Add</i>	94.70	
			<i>For Custom Deluxe Grade, Add</i>	101.98	
			<i>For Custom Built In Place, Add</i>	66.46	
06 41	13 00-0116	EA	33"-4 Drawer Bases Cabinet	321.82	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-87.19	
			<i>For Economy Grade, Deduct</i>	-49.82	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.91	
			<i>For High Grade, Add</i>	24.91	
			<i>For Higher Grade, Add</i>	49.82	
			<i>For Deluxe Grade, Add</i>	99.64	
			<i>For Custom Deluxe Grade, Add</i>	106.91	
			<i>For Custom Built In Place, Add</i>	69.55	
06 41	13 00-0117	EA	36"-4 Drawer Bases Cabinet	348.75	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-94.95	
			<i>For Economy Grade, Deduct</i>	-54.26	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.13	
			<i>For High Grade, Add</i>	27.13	
			<i>For Higher Grade, Add</i>	54.26	
			<i>For Deluxe Grade, Add</i>	108.52	
			<i>For Custom Deluxe Grade, Add</i>	116.26	
			<i>For Custom Built In Place, Add</i>	75.57	
06 41	13 00-0118	EA	12"-3 Drawer Bases Cabinet	204.66	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	69.30	
			<i>For Custom Built In Place, Add</i>	44.88	
06 41	13 00-0119	EA	15"-3 Drawer Bases Cabinet	224.12	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-61.29	
			<i>For Economy Grade, Deduct</i>	-35.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.51	
			<i>For High Grade, Add</i>	17.51	
			<i>For Higher Grade, Add</i>	35.02	
			<i>For Deluxe Grade, Add</i>	70.04	
			<i>For Custom Deluxe Grade, Add</i>	74.95	
			<i>For Custom Built In Place, Add</i>	48.68	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0120	EA	18"-3 Drawer Bases Cabinet.....	243.54	28.08
			For Plastic Laminate On Particle Board, Deduct	-65.60	
			For Economy Grade, Deduct	-37.49	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
			For High Grade, Add	18.74	
			For Higher Grade, Add	37.49	
			For Deluxe Grade, Add	74.98	
			For Custom Deluxe Grade, Add	80.59	
			For Custom Built In Place, Add	52.47	
06 41	13 00-0121	EA	21"-3 Drawer Bases Cabinet.....	262.22	31.24
			For Plastic Laminate On Particle Board, Deduct	-69.92	
			For Economy Grade, Deduct	-39.95	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
			For High Grade, Add	19.98	
			For Higher Grade, Add	39.95	
			For Deluxe Grade, Add	79.91	
			For Custom Deluxe Grade, Add	86.15	
			For Custom Built In Place, Add	56.19	
06 41	13 00-0122	EA	24"-3 Drawer Bases Cabinet.....	263.79	32.03
			For Plastic Laminate On Particle Board, Deduct	-69.92	
			For Economy Grade, Deduct	-39.95	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
			For High Grade, Add	19.98	
			For Higher Grade, Add	39.95	
			For Deluxe Grade, Add	79.91	
			For Custom Deluxe Grade, Add	86.31	
			For Custom Built In Place, Add	56.34	
06 41	13 00-0123	EA	30"-3 Drawer Bases Cabinet.....	309.50	36.38
			For Plastic Laminate On Particle Board, Deduct	-82.87	
			For Economy Grade, Deduct	-47.35	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-23.68	
			For High Grade, Add	23.68	
			For Higher Grade, Add	47.35	
			For Deluxe Grade, Add	94.70	
			For Custom Deluxe Grade, Add	101.98	
			For Custom Built In Place, Add	66.46	
06 41	13 00-0124	EA	33"-3 Drawer Bases Cabinet.....	321.84	36.38
			For Plastic Laminate On Particle Board, Deduct	-87.19	
			For Economy Grade, Deduct	-49.82	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-24.91	
			For High Grade, Add	24.91	
			For Higher Grade, Add	49.82	
			For Deluxe Grade, Add	99.64	
			For Custom Deluxe Grade, Add	106.91	
			For Custom Built In Place, Add	69.55	
06 41	13 00-0125	EA	36"-3 Drawer Bases Cabinet.....	348.77	38.75
			For Plastic Laminate On Particle Board, Deduct	-94.95	
			For Economy Grade, Deduct	-54.26	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-27.13	
			For High Grade, Add	27.13	
			For Higher Grade, Add	54.26	
			For Deluxe Grade, Add	108.52	
			For Custom Deluxe Grade, Add	116.26	
			For Custom Built In Place, Add	75.57	
06 41	13 00-0126	EA	30" Pantry Drawer Bases Cabinet	374.85	36.38
			For Plastic Laminate On Particle Board, Deduct	-105.74	
			For Economy Grade, Deduct	-60.42	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-30.21	
			For High Grade, Add	30.21	
			For Higher Grade, Add	60.42	
			For Deluxe Grade, Add	120.85	
			For Custom Deluxe Grade, Add	128.12	
			For Custom Built In Place, Add	82.80	
06 41	13 00-0127	EA	33" Pantry Drawer Bases Cabinet	387.18	36.38
			For Plastic Laminate On Particle Board, Deduct	-110.06	
			For Economy Grade, Deduct	-62.89	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-31.45	
			For High Grade, Add	31.45	
			For Higher Grade, Add	62.89	
			For Deluxe Grade, Add	125.78	
			For Custom Deluxe Grade, Add	133.05	
			For Custom Built In Place, Add	85.89	
06 41	13 00-0128	EA	36" Pantry Drawer Bases Cabinet	404.26	38.75
			For Plastic Laminate On Particle Board, Deduct	-114.37	
			For Economy Grade, Deduct	-65.36	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-32.68	
			For High Grade, Add	32.68	
			For Higher Grade, Add	65.36	
			For Deluxe Grade, Add	130.71	
			For Custom Deluxe Grade, Add	138.46	
			For Custom Built In Place, Add	89.44	
06 41	13 00-0129	EA	36" x 36" Corner Bases Cabinet L/R.....	447.42	38.75
			For Plastic Laminate On Particle Board, Deduct	-129.48	
			For Economy Grade, Deduct	-73.99	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
			For High Grade, Add	36.99	
			For Higher Grade, Add	73.99	
			For Deluxe Grade, Add	147.98	
			For Custom Deluxe Grade, Add	155.72	
			For Custom Built In Place, Add	100.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0130	EA	36" x 36" Corner Bases Cabinet (90).....	447.42	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.48	
			<i>For Economy Grade, Deduct</i>	-73.99	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-36.99	
			<i>For High Grade, Add</i>	36.99	
			<i>For Higher Grade, Add</i>	73.99	
			<i>For Deluxe Grade, Add</i>	147.98	
			<i>For Custom Deluxe Grade, Add</i>	155.72	
			<i>For Custom Built In Place, Add</i>	100.23	
06 41	13 00-0131	EA	42" x 42" Corner Bases Cabinet (90).....	502.27	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-146.74	
			<i>For Economy Grade, Deduct</i>	-83.85	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-41.93	
			<i>For High Grade, Add</i>	41.93	
			<i>For Higher Grade, Add</i>	83.85	
			<i>For Deluxe Grade, Add</i>	167.71	
			<i>For Custom Deluxe Grade, Add</i>	176.01	
			<i>For Custom Built In Place, Add</i>	113.12	
06 41	13 00-0132	EA	36" x 27" Reverse Blind Corner Base.....	230.39	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-53.52	
			<i>For Economy Grade, Deduct</i>	-30.58	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.29	
			<i>For High Grade, Add</i>	15.29	
			<i>For Higher Grade, Add</i>	30.58	
			<i>For Deluxe Grade, Add</i>	61.16	
			<i>For Custom Deluxe Grade, Add</i>	68.91	
			<i>For Custom Built In Place, Add</i>	45.98	
06 41	13 00-0133	EA	39" x 33" Reverse Blind Corner Base.....	235.32	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-55.24	
			<i>For Economy Grade, Deduct</i>	-31.57	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.78	
			<i>For High Grade, Add</i>	15.78	
			<i>For Higher Grade, Add</i>	31.57	
			<i>For Deluxe Grade, Add</i>	63.14	
			<i>For Custom Deluxe Grade, Add</i>	70.88	
			<i>For Custom Built In Place, Add</i>	47.21	
06 41	13 00-0134	EA	42" x 39" Reverse Blind Corner Base.....	245.78	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	73.41	
			<i>For Custom Built In Place, Add</i>	49.00	
06 41	13 00-0135	EA	45" x 45" Reverse Blind Corner Base.....	253.17	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-59.56	
			<i>For Economy Grade, Deduct</i>	-34.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.02	
			<i>For High Grade, Add</i>	17.02	
			<i>For Higher Grade, Add</i>	34.03	
			<i>For Deluxe Grade, Add</i>	68.07	
			<i>For Custom Deluxe Grade, Add</i>	76.37	
			<i>For Custom Built In Place, Add</i>	50.84	
06 41	13 00-0136	EA	36" Blind Corner Base Cabinet L/R.....	210.66	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-46.61	
			<i>For Economy Grade, Deduct</i>	-26.64	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.32	
			<i>For High Grade, Add</i>	13.32	
			<i>For Higher Grade, Add</i>	26.64	
			<i>For Deluxe Grade, Add</i>	53.27	
			<i>For Custom Deluxe Grade, Add</i>	61.02	
			<i>For Custom Built In Place, Add</i>	41.04	
06 41	13 00-0137	EA	42" Blind Corner Base Cabinet L/R.....	230.99	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.79	
			<i>For Economy Grade, Deduct</i>	-29.60	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.80	
			<i>For High Grade, Add</i>	14.80	
			<i>For Higher Grade, Add</i>	29.60	
			<i>For Deluxe Grade, Add</i>	59.19	
			<i>For Custom Deluxe Grade, Add</i>	67.49	
			<i>For Custom Built In Place, Add</i>	45.30	
06 41	13 00-0138	EA	48" Blind Corner Base Cabinet L/R.....	255.27	46.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	74.36	
			<i>For Custom Built In Place, Add</i>	49.94	
06 41	13 00-0139	EA	54" Blind Corner Base Cabinet L/R.....	276.85	49.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-62.58	
			<i>For Economy Grade, Deduct</i>	-35.76	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.88	
			<i>For High Grade, Add</i>	17.88	
			<i>For Higher Grade, Add</i>	35.76	
			<i>For Deluxe Grade, Add</i>	71.52	
			<i>For Custom Deluxe Grade, Add</i>	81.33	
			<i>For Custom Built In Place, Add</i>	54.51	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0140	EA	60" Blind Corner Base Cabinet L/R.....	312.76	52.20
			For Plastic Laminate On Particle Board, Deduct	-72.94	
			For Economy Grade, Deduct	-41.68	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-20.84	
			For High Grade, Add	20.84	
			For Higher Grade, Add	41.68	
			For Deluxe Grade, Add	83.36	
			For Custom Deluxe Grade, Add	93.80	
			For Custom Built In Place, Add	62.54	
06 41	13 00-0141	EA	24" Roll Out Shelf Base Cabinet.....	283.53	32.03
			For Plastic Laminate On Particle Board, Deduct	-76.83	
			For Economy Grade, Deduct	-43.90	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-21.95	
			For High Grade, Add	21.95	
			For Higher Grade, Add	43.90	
			For Deluxe Grade, Add	87.80	
			For Custom Deluxe Grade, Add	94.20	
			For Custom Built In Place, Add	61.28	
06 41	13 00-0142	EA	30" Roll Out Shelf Base Cabinet.....	319.36	36.38
			For Plastic Laminate On Particle Board, Deduct	-86.32	
			For Economy Grade, Deduct	-49.33	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-24.66	
			For High Grade, Add	24.66	
			For Higher Grade, Add	49.33	
			For Deluxe Grade, Add	98.65	
			For Custom Deluxe Grade, Add	105.93	
			For Custom Built In Place, Add	68.93	
06 41	13 00-0143	EA	33" Roll Out Shelf Base Cabinet.....	326.76	36.38
			For Plastic Laminate On Particle Board, Deduct	-88.91	
			For Economy Grade, Deduct	-50.81	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-25.40	
			For High Grade, Add	25.40	
			For Higher Grade, Add	50.81	
			For Deluxe Grade, Add	101.61	
			For Custom Deluxe Grade, Add	108.89	
			For Custom Built In Place, Add	70.78	
06 41	13 00-0144	EA	36" Roll Out Shelf Base Cabinet.....	338.91	38.75
			For Plastic Laminate On Particle Board, Deduct	-91.50	
			For Economy Grade, Deduct	-52.29	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-26.14	
			For High Grade, Add	26.14	
			For Higher Grade, Add	52.29	
			For Deluxe Grade, Add	104.57	
			For Custom Deluxe Grade, Add	112.32	
			For Custom Built In Place, Add	73.11	
06 41	13 00-0145	EA	24" Enclosed Sink Base Cabinet, 1 Door, 1 Drawer With Tamper-Proof Screw Mounted Front Panel.....	177.48	32.03
			For Plastic Laminate On Particle Board, Deduct	-39.71	
			For Economy Grade, Deduct	-22.69	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-11.35	
			For High Grade, Add	11.35	
			For Higher Grade, Add	22.69	
			For Deluxe Grade, Add	45.38	
			For Custom Deluxe Grade, Add	51.78	
			For Custom Built In Place, Add	34.77	
06 41	13 00-0146	EA	24" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	179.95	32.03
			For Plastic Laminate On Particle Board, Deduct	-40.57	
			For Economy Grade, Deduct	-23.18	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-11.59	
			For High Grade, Add	11.59	
			For Higher Grade, Add	23.18	
			For Deluxe Grade, Add	46.37	
			For Custom Deluxe Grade, Add	52.77	
			For Custom Built In Place, Add	35.38	
06 41	13 00-0147	EA	27" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	185.58	33.61
			For Plastic Laminate On Particle Board, Deduct	-41.43	
			For Economy Grade, Deduct	-23.68	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
			For High Grade, Add	11.84	
			For Higher Grade, Add	23.68	
			For Deluxe Grade, Add	47.35	
			For Custom Deluxe Grade, Add	54.07	
			For Custom Built In Place, Add	36.32	
06 41	13 00-0148	EA	30" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	196.04	36.38
			For Plastic Laminate On Particle Board, Deduct	-43.16	
			For Economy Grade, Deduct	-24.66	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.33	
			For High Grade, Add	12.33	
			For Higher Grade, Add	24.66	
			For Deluxe Grade, Add	49.32	
			For Custom Deluxe Grade, Add	56.60	
			For Custom Built In Place, Add	38.10	
06 41	13 00-0149	EA	33" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel.....	200.98	36.38
			For Plastic Laminate On Particle Board, Deduct	-44.89	
			For Economy Grade, Deduct	-25.65	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.83	
			For High Grade, Add	12.83	
			For Higher Grade, Add	25.65	
			For Deluxe Grade, Add	51.30	
			For Custom Deluxe Grade, Add	58.57	
			For Custom Built In Place, Add	39.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0150	EA	36" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	210.66	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-46.61	
			<i>For Economy Grade, Deduct</i>	-26.64	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.32	
			<i>For High Grade, Add</i>	13.32	
			<i>For Higher Grade, Add</i>	26.64	
			<i>For Deluxe Grade, Add</i>	53.27	
			<i>For Custom Deluxe Grade, Add</i>	61.02	
			<i>For Custom Built In Place, Add</i>	41.04	
06 41	13 00-0151	EA	39" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	218.06	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-49.20	
			<i>For Economy Grade, Deduct</i>	-28.12	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.06	
			<i>For High Grade, Add</i>	14.06	
			<i>For Higher Grade, Add</i>	28.12	
			<i>For Deluxe Grade, Add</i>	56.23	
			<i>For Custom Deluxe Grade, Add</i>	63.98	
			<i>For Custom Built In Place, Add</i>	42.89	
06 41	13 00-0152	EA	42" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	230.99	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-51.79	
			<i>For Economy Grade, Deduct</i>	-29.60	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.80	
			<i>For High Grade, Add</i>	14.80	
			<i>For Higher Grade, Add</i>	29.60	
			<i>For Deluxe Grade, Add</i>	59.19	
			<i>For Custom Deluxe Grade, Add</i>	67.49	
			<i>For Custom Built In Place, Add</i>	45.30	
06 41	13 00-0153	EA	45" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	238.39	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-54.38	
			<i>For Economy Grade, Deduct</i>	-31.08	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.54	
			<i>For High Grade, Add</i>	15.54	
			<i>For Higher Grade, Add</i>	31.08	
			<i>For Deluxe Grade, Add</i>	62.15	
			<i>For Custom Deluxe Grade, Add</i>	70.45	
			<i>For Custom Built In Place, Add</i>	47.15	
06 41	13 00-0154	EA	48" Enclosed Sink Base Cabinet, 2 Doors, 2 Drawers With Tamper-Proof Screw Mounted Front Panel	255.27	46.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	74.36	
			<i>For Custom Built In Place, Add</i>	49.94	
06 41	13 00-0155	EA	12" Base Cabinet (Full Height Doors)	140.53	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-34.53	
			<i>For Economy Grade, Deduct</i>	-19.73	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-9.87	
			<i>For High Grade, Add</i>	9.87	
			<i>For Higher Grade, Add</i>	19.73	
			<i>For Deluxe Grade, Add</i>	39.46	
			<i>For Custom Deluxe Grade, Add</i>	43.65	
			<i>For Custom Built In Place, Add</i>	28.85	
06 41	13 00-0156	EA	15" Base Cabinet (Full Height Doors)	156.32	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-37.55	
			<i>For Economy Grade, Deduct</i>	-21.46	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.73	
			<i>For High Grade, Add</i>	10.73	
			<i>For Higher Grade, Add</i>	21.46	
			<i>For Deluxe Grade, Add</i>	42.91	
			<i>For Custom Deluxe Grade, Add</i>	47.82	
			<i>For Custom Built In Place, Add</i>	31.72	
06 41	13 00-0157	EA	18" Base Cabinet (Full Height Doors)	168.36	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-39.28	
			<i>For Economy Grade, Deduct</i>	-22.44	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.22	
			<i>For High Grade, Add</i>	11.22	
			<i>For Higher Grade, Add</i>	22.44	
			<i>For Deluxe Grade, Add</i>	44.89	
			<i>For Custom Deluxe Grade, Add</i>	50.50	
			<i>For Custom Built In Place, Add</i>	33.67	
06 41	13 00-0158	EA	21" Base Cabinet (Full Height Doors)	183.34	31.24
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-42.30	
			<i>For Economy Grade, Deduct</i>	-24.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.09	
			<i>For High Grade, Add</i>	12.09	
			<i>For Higher Grade, Add</i>	24.17	
			<i>For Deluxe Grade, Add</i>	48.34	
			<i>For Custom Deluxe Grade, Add</i>	54.59	
			<i>For Custom Built In Place, Add</i>	36.46	
06 41	13 00-0159	EA	24" Base Cabinet (Full Height Doors)	194.78	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-45.75	
			<i>For Economy Grade, Deduct</i>	-26.14	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.07	
			<i>For High Grade, Add</i>	13.07	
			<i>For Higher Grade, Add</i>	26.14	
			<i>For Deluxe Grade, Add</i>	52.28	
			<i>For Custom Deluxe Grade, Add</i>	58.69	
			<i>For Custom Built In Place, Add</i>	39.08	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0160	EA	24" Base Cabinet, 2 Doors (Full Height Doors).....	204.65	32.03
			For Plastic Laminate On Particle Board, Deduct	-49.20	
			For Economy Grade, Deduct	-28.12	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-14.06	
			For High Grade, Add	14.06	
			For Higher Grade, Add	28.12	
			For Deluxe Grade, Add	56.23	
			For Custom Deluxe Grade, Add	62.64	
			For Custom Built In Place, Add	41.55	
06 41	13 00-0161	EA	27" Base Cabinet (Full Height Doors)	217.64	33.61
			For Plastic Laminate On Particle Board, Deduct	-52.65	
			For Economy Grade, Deduct	-30.09	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.04	
			For High Grade, Add	15.04	
			For Higher Grade, Add	30.09	
			For Deluxe Grade, Add	60.18	
			For Custom Deluxe Grade, Add	66.90	
			For Custom Built In Place, Add	44.33	
06 41	13 00-0162	EA	30" Base Cabinet (Full Height Doors)	230.58	36.38
			For Plastic Laminate On Particle Board, Deduct	-55.24	
			For Economy Grade, Deduct	-31.57	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.78	
			For High Grade, Add	15.78	
			For Higher Grade, Add	31.57	
			For Deluxe Grade, Add	63.14	
			For Custom Deluxe Grade, Add	70.41	
			For Custom Built In Place, Add	46.73	
06 41	13 00-0163	EA	33" Base Cabinet (Full Height Doors)	237.98	36.38
			For Plastic Laminate On Particle Board, Deduct	-57.83	
			For Economy Grade, Deduct	-33.05	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-16.52	
			For High Grade, Add	16.52	
			For Higher Grade, Add	33.05	
			For Deluxe Grade, Add	66.10	
			For Custom Deluxe Grade, Add	73.37	
			For Custom Built In Place, Add	48.58	
06 41	13 00-0164	EA	36" Base Cabinet (Full Height Doors)	250.12	38.75
			For Plastic Laminate On Particle Board, Deduct	-60.42	
			For Economy Grade, Deduct	-34.53	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-17.26	
			For High Grade, Add	17.26	
			For Higher Grade, Add	34.53	
			For Deluxe Grade, Add	69.06	
			For Custom Deluxe Grade, Add	76.80	
			For Custom Built In Place, Add	50.91	
06 41	13 00-0165	EA	39" Base Cabinet (Full Height Doors)	257.52	38.75
			For Plastic Laminate On Particle Board, Deduct	-63.01	
			For Economy Grade, Deduct	-36.01	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.00	
			For High Grade, Add	18.00	
			For Higher Grade, Add	36.01	
			For Deluxe Grade, Add	72.02	
			For Custom Deluxe Grade, Add	79.76	
			For Custom Built In Place, Add	52.76	
06 41	13 00-0166	EA	42" Base Cabinet (Full Height Doors)	270.44	41.52
			For Plastic Laminate On Particle Board, Deduct	-65.60	
			For Economy Grade, Deduct	-37.49	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
			For High Grade, Add	18.74	
			For Higher Grade, Add	37.49	
			For Deluxe Grade, Add	74.98	
			For Custom Deluxe Grade, Add	83.28	
			For Custom Built In Place, Add	55.16	
06 41	13 00-0167	EA	48" Base Cabinet (Full Height Doors)	292.24	46.26
			For Plastic Laminate On Particle Board, Deduct	-69.92	
			For Economy Grade, Deduct	-39.95	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.98	
			For High Grade, Add	19.98	
			For Higher Grade, Add	39.95	
			For Deluxe Grade, Add	79.91	
			For Custom Deluxe Grade, Add	89.16	
			For Custom Built In Place, Add	59.19	
06 41	13 00-0168	EA	36" Lazy Susan Base Cabinet	324.09	38.75
			For Plastic Laminate On Particle Board, Deduct	-86.32	
			For Economy Grade, Deduct	-49.33	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-24.66	
			For High Grade, Add	24.66	
			For Higher Grade, Add	49.33	
			For Deluxe Grade, Add	98.65	
			For Custom Deluxe Grade, Add	106.40	
			For Custom Built In Place, Add	69.40	
06 41	13 00-0169	EA	27" Island Base Corner Cabinet.....	247.22	33.61
			For Plastic Laminate On Particle Board, Deduct	-63.01	
			For Economy Grade, Deduct	-36.01	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.00	
			For High Grade, Add	18.00	
			For Higher Grade, Add	36.01	
			For Deluxe Grade, Add	72.02	
			For Custom Deluxe Grade, Add	78.73	
			For Custom Built In Place, Add	51.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0170	EA	18" Sink Fronts	122.70	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-23.31	
			<i>For Economy Grade, Deduct</i>	-13.32	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-6.66	
			<i>For High Grade, Add</i>	6.66	
			<i>For Higher Grade, Add</i>	13.32	
			<i>For Deluxe Grade, Add</i>	26.64	
			<i>For Custom Deluxe Grade, Add</i>	32.25	
			<i>For Custom Built In Place, Add</i>	22.26	
06 41	13 00-0171	EA	24" Sink Fronts	138.01	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-25.90	
			<i>For Economy Grade, Deduct</i>	-14.80	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-7.40	
			<i>For High Grade, Add</i>	7.40	
			<i>For Higher Grade, Add</i>	14.80	
			<i>For Deluxe Grade, Add</i>	29.60	
			<i>For Custom Deluxe Grade, Add</i>	36.00	
			<i>For Custom Built In Place, Add</i>	24.90	
06 41	13 00-0172	EA	30" Sink Fronts	154.11	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.49	
			<i>For Economy Grade, Deduct</i>	-16.28	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.14	
			<i>For High Grade, Add</i>	8.14	
			<i>For Higher Grade, Add</i>	16.28	
			<i>For Deluxe Grade, Add</i>	32.56	
			<i>For Custom Deluxe Grade, Add</i>	39.83	
			<i>For Custom Built In Place, Add</i>	27.62	
06 41	13 00-0173	EA	42" Sink Fronts	184.11	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-35.39	
			<i>For Economy Grade, Deduct</i>	-20.22	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.11	
			<i>For High Grade, Add</i>	10.11	
			<i>For Higher Grade, Add</i>	20.22	
			<i>For Deluxe Grade, Add</i>	40.45	
			<i>For Custom Deluxe Grade, Add</i>	48.75	
			<i>For Custom Built In Place, Add</i>	33.58	
06 41	13 00-0174	EA	48" Sink Fronts	210.85	46.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-41.43	
			<i>For Economy Grade, Deduct</i>	-23.68	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.84	
			<i>For High Grade, Add</i>	11.84	
			<i>For Higher Grade, Add</i>	23.68	
			<i>For Deluxe Grade, Add</i>	47.35	
			<i>For Custom Deluxe Grade, Add</i>	56.60	
			<i>For Custom Built In Place, Add</i>	38.84	
06 41	13 00-0175	EA	36" x 36" Diagonal Sink Fronts	151.47	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-25.90	
			<i>For Economy Grade, Deduct</i>	-14.80	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-7.40	
			<i>For High Grade, Add</i>	7.40	
			<i>For Higher Grade, Add</i>	14.80	
			<i>For Deluxe Grade, Add</i>	29.60	
			<i>For Custom Deluxe Grade, Add</i>	37.34	
			<i>For Custom Built In Place, Add</i>	26.25	
06 41	13 00-0176	EA	39" x 39" Diagonal Sink Fronts	158.87	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-28.49	
			<i>For Economy Grade, Deduct</i>	-16.28	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.14	
			<i>For High Grade, Add</i>	8.14	
			<i>For Higher Grade, Add</i>	16.28	
			<i>For Deluxe Grade, Add</i>	32.56	
			<i>For Custom Deluxe Grade, Add</i>	40.30	
			<i>For Custom Built In Place, Add</i>	28.10	
06 41	13 00-0177	EA	42" x 42" Diagonal Sink Fronts	171.79	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-31.08	
			<i>For Economy Grade, Deduct</i>	-17.76	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-8.88	
			<i>For High Grade, Add</i>	8.88	
			<i>For Higher Grade, Add</i>	17.76	
			<i>For Deluxe Grade, Add</i>	35.52	
			<i>For Custom Deluxe Grade, Add</i>	43.82	
			<i>For Custom Built In Place, Add</i>	30.50	
06 41	13 00-0178	EA	12" x 24" x 84" Broom Cabinet.....	288.51	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-86.32	
			<i>For Economy Grade, Deduct</i>	-49.33	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-24.66	
			<i>For High Grade, Add</i>	24.66	
			<i>For Higher Grade, Add</i>	49.33	
			<i>For Deluxe Grade, Add</i>	98.65	
			<i>For Custom Deluxe Grade, Add</i>	102.84	
			<i>For Custom Built In Place, Add</i>	65.85	
06 41	13 00-0179	EA	15" x 24" x 84" Broom Cabinet.....	303.73	26.09
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-88.05	
			<i>For Economy Grade, Deduct</i>	-50.31	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-25.16	
			<i>For High Grade, Add</i>	25.16	
			<i>For Higher Grade, Add</i>	50.31	
			<i>For Deluxe Grade, Add</i>	100.62	
			<i>For Custom Deluxe Grade, Add</i>	105.84	
			<i>For Custom Built In Place, Add</i>	68.11	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0180	EA 18" x 24" x 84" Broom Cabinet.....	305.50	24.52
	For Plastic Laminate On Particle Board, Deduct	-89.77	
	For Economy Grade, Deduct	-51.30	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-25.65	
	For High Grade, Add	25.65	
	For Higher Grade, Add	51.30	
	For Deluxe Grade, Add	102.60	
	For Custom Deluxe Grade, Add	107.50	
	For Custom Built In Place, Add	69.02	
06 41 13 00-0181	EA 24" x 24" x 84" Broom Cabinet.....	352.58	32.03
	For Plastic Laminate On Particle Board, Deduct	-101.00	
	For Economy Grade, Deduct	-57.71	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-28.86	
	For High Grade, Add	28.86	
	For Higher Grade, Add	57.71	
	For Deluxe Grade, Add	115.42	
	For Custom Deluxe Grade, Add	121.83	
	For Custom Built In Place, Add	78.54	
06 41 13 00-0182	EA 27" x 24" x 84" Broom Cabinet.....	384.08	33.61
	For Plastic Laminate On Particle Board, Deduct	-110.92	
	For Economy Grade, Deduct	-63.38	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-31.69	
	For High Grade, Add	31.69	
	For Higher Grade, Add	63.38	
	For Deluxe Grade, Add	126.77	
	For Custom Deluxe Grade, Add	133.48	
	For Custom Built In Place, Add	85.95	
06 41 13 00-0183	EA 30" x 24" x 84" Broom Cabinet.....	393.31	36.38
	For Plastic Laminate On Particle Board, Deduct	-112.22	
	For Economy Grade, Deduct	-64.12	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-32.06	
	For High Grade, Add	32.06	
	For Higher Grade, Add	64.12	
	For Deluxe Grade, Add	128.25	
	For Custom Deluxe Grade, Add	135.52	
	For Custom Built In Place, Add	87.42	
06 41 13 00-0184	EA 33" x 24" x 84" Broom Cabinet.....	454.96	36.38
	For Plastic Laminate On Particle Board, Deduct	-133.79	
	For Economy Grade, Deduct	-76.45	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-38.23	
	For High Grade, Add	38.23	
	For Higher Grade, Add	76.45	
	For Deluxe Grade, Add	152.91	
	For Custom Deluxe Grade, Add	160.18	
	For Custom Built In Place, Add	102.84	
06 41 13 00-0185	EA 36" x 24" x 84" Broom Cabinet.....	491.82	38.75
	For Plastic Laminate On Particle Board, Deduct	-145.02	
	For Economy Grade, Deduct	-82.87	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-41.43	
	For High Grade, Add	41.43	
	For Higher Grade, Add	82.87	
	For Deluxe Grade, Add	165.74	
	For Custom Deluxe Grade, Add	173.48	
	For Custom Built In Place, Add	111.33	
06 41 13 00-0186	EA 12" x 12" x 84" Broom Cabinet.....	263.85	20.96
	For Plastic Laminate On Particle Board, Deduct	-77.69	
	For Economy Grade, Deduct	-44.39	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-22.20	
	For High Grade, Add	22.20	
	For Higher Grade, Add	44.39	
	For Deluxe Grade, Add	88.79	
	For Custom Deluxe Grade, Add	92.98	
	For Custom Built In Place, Add	59.68	
06 41 13 00-0187	EA 15" x 12" x 84" Broom Cabinet.....	279.07	26.09
	For Plastic Laminate On Particle Board, Deduct	-79.42	
	For Economy Grade, Deduct	-45.38	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-22.69	
	For High Grade, Add	22.69	
	For Higher Grade, Add	45.38	
	For Deluxe Grade, Add	90.76	
	For Custom Deluxe Grade, Add	95.98	
	For Custom Built In Place, Add	61.94	
06 41 13 00-0188	EA 18" x 12" x 84" Broom Cabinet.....	280.84	24.52
	For Plastic Laminate On Particle Board, Deduct	-81.14	
	For Economy Grade, Deduct	-46.37	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-23.18	
	For High Grade, Add	23.18	
	For Higher Grade, Add	46.37	
	For Deluxe Grade, Add	92.73	
	For Custom Deluxe Grade, Add	97.63	
	For Custom Built In Place, Add	62.86	
06 41 13 00-0189	EA 24" x 12" x 84" Broom Cabinet.....	327.91	32.03
	For Plastic Laminate On Particle Board, Deduct	-92.36	
	For Economy Grade, Deduct	-52.78	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-26.39	
	For High Grade, Add	26.39	
	For Higher Grade, Add	52.78	
	For Deluxe Grade, Add	105.56	
	For Custom Deluxe Grade, Add	111.96	
	For Custom Built In Place, Add	72.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0190	EA	27" x 12" x 84" Broom Cabinet.....	359.42	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-102.29	
			<i>For Economy Grade, Deduct</i>	-58.45	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.23	
			<i>For High Grade, Add</i>	29.23	
			<i>For Higher Grade, Add</i>	58.45	
			<i>For Deluxe Grade, Add</i>	116.90	
			<i>For Custom Deluxe Grade, Add</i>	123.62	
			<i>For Custom Built In Place, Add</i>	79.78	
06 41	13 00-0191	EA	30" x 12" x 84" Broom Cabinet.....	368.64	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-103.58	
			<i>For Economy Grade, Deduct</i>	-59.19	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.60	
			<i>For High Grade, Add</i>	29.60	
			<i>For Higher Grade, Add</i>	59.19	
			<i>For Deluxe Grade, Add</i>	118.38	
			<i>For Custom Deluxe Grade, Add</i>	125.65	
			<i>For Custom Built In Place, Add</i>	81.26	
06 41	13 00-0192	EA	33" x 12" x 84" Broom Cabinet.....	430.30	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-125.16	
			<i>For Economy Grade, Deduct</i>	-71.52	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-35.76	
			<i>For High Grade, Add</i>	35.76	
			<i>For Higher Grade, Add</i>	71.52	
			<i>For Deluxe Grade, Add</i>	143.04	
			<i>For Custom Deluxe Grade, Add</i>	150.31	
			<i>For Custom Built In Place, Add</i>	96.67	
06 41	13 00-0193	EA	36" x 12" x 84" Broom Cabinet.....	467.15	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-136.38	
			<i>For Economy Grade, Deduct</i>	-77.93	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-38.97	
			<i>For High Grade, Add</i>	38.97	
			<i>For Higher Grade, Add</i>	77.93	
			<i>For Deluxe Grade, Add</i>	155.87	
			<i>For Custom Deluxe Grade, Add</i>	163.62	
			<i>For Custom Built In Place, Add</i>	105.17	
06 41	13 00-0194	EA	27" x 24" x 84" Oven / Microwave Cabinet	437.14	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.48	
			<i>For Economy Grade, Deduct</i>	-73.99	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-36.99	
			<i>For High Grade, Add</i>	36.99	
			<i>For Higher Grade, Add</i>	73.99	
			<i>For Deluxe Grade, Add</i>	147.98	
			<i>For Custom Deluxe Grade, Add</i>	154.70	
			<i>For Custom Built In Place, Add</i>	99.21	
06 41	13 00-0195	EA	30" x 24" x 84" Oven / Microwave Cabinet	467.35	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-138.11	
			<i>For Economy Grade, Deduct</i>	-78.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-39.46	
			<i>For High Grade, Add</i>	39.46	
			<i>For Higher Grade, Add</i>	78.92	
			<i>For Deluxe Grade, Add</i>	157.84	
			<i>For Custom Deluxe Grade, Add</i>	165.12	
			<i>For Custom Built In Place, Add</i>	105.93	
06 41	13 00-0196	EA	33" x 24" x 84" Oven / Microwave Cabinet	492.01	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-146.74	
			<i>For Economy Grade, Deduct</i>	-83.85	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-41.93	
			<i>For High Grade, Add</i>	41.93	
			<i>For Higher Grade, Add</i>	83.85	
			<i>For Deluxe Grade, Add</i>	167.71	
			<i>For Custom Deluxe Grade, Add</i>	174.98	
			<i>For Custom Built In Place, Add</i>	112.09	
06 41	13 00-0197	EA	27" x 24" x 84" Universal Oven Cabinet.....	437.14	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-129.48	
			<i>For Economy Grade, Deduct</i>	-73.99	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-36.99	
			<i>For High Grade, Add</i>	36.99	
			<i>For Higher Grade, Add</i>	73.99	
			<i>For Deluxe Grade, Add</i>	147.98	
			<i>For Custom Deluxe Grade, Add</i>	154.70	
			<i>For Custom Built In Place, Add</i>	99.21	
06 41	13 00-0198	EA	30" x 24" x 84" Universal Oven Cabinet.....	467.35	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-138.11	
			<i>For Economy Grade, Deduct</i>	-78.92	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-39.46	
			<i>For High Grade, Add</i>	39.46	
			<i>For Higher Grade, Add</i>	78.92	
			<i>For Deluxe Grade, Add</i>	157.84	
			<i>For Custom Deluxe Grade, Add</i>	165.12	
			<i>For Custom Built In Place, Add</i>	105.93	
06 41	13 00-0199	EA	33" x 24" x 84" Universal Oven Cabinet.....	492.01	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-146.74	
			<i>For Economy Grade, Deduct</i>	-83.85	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-41.93	
			<i>For High Grade, Add</i>	41.93	
			<i>For Higher Grade, Add</i>	83.85	
			<i>For Deluxe Grade, Add</i>	167.71	
			<i>For Custom Deluxe Grade, Add</i>	174.98	
			<i>For Custom Built In Place, Add</i>	112.09	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0200	EA 27" x 24" x 84" Double Oven Cabinet	437.14	33.61
	For Plastic Laminate On Particle Board, Deduct	-129.48	
	For Economy Grade, Deduct	-73.99	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
	For High Grade, Add	36.99	
	For Higher Grade, Add	73.99	
	For Deluxe Grade, Add	147.98	
	For Custom Deluxe Grade, Add	154.70	
	For Custom Built In Place, Add	99.21	
06 41 13 00-0201	EA 30" x 24" x 84" Double Oven Cabinet	467.34	36.38
	For Plastic Laminate On Particle Board, Deduct	-138.11	
	For Economy Grade, Deduct	-78.92	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-39.46	
	For High Grade, Add	39.46	
	For Higher Grade, Add	78.92	
	For Deluxe Grade, Add	157.84	
	For Custom Deluxe Grade, Add	165.12	
	For Custom Built In Place, Add	105.93	
06 41 13 00-0202	EA 33" x 24" x 84" Double Oven Cabinet	492.00	36.38
	For Plastic Laminate On Particle Board, Deduct	-146.74	
	For Economy Grade, Deduct	-83.85	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-41.93	
	For High Grade, Add	41.93	
	For Higher Grade, Add	83.85	
	For Deluxe Grade, Add	167.71	
	For Custom Deluxe Grade, Add	174.98	
	For Custom Built In Place, Add	112.09	
06 41 13 00-0203	EA 30" x 12" x 48" Library Cabinet	339.16	46.26
	For Plastic Laminate On Particle Board, Deduct	-86.32	
	For Economy Grade, Deduct	-49.33	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-24.66	
	For High Grade, Add	24.66	
	For Higher Grade, Add	49.33	
	For Deluxe Grade, Add	98.65	
	For Custom Deluxe Grade, Add	107.91	
	For Custom Built In Place, Add	70.91	
06 41 13 00-0204	EA 30" x 12" x 54" Library Cabinet	385.39	49.03
	For Plastic Laminate On Particle Board, Deduct	-100.56	
	For Economy Grade, Deduct	-57.46	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-28.73	
	For High Grade, Add	28.73	
	For Higher Grade, Add	57.46	
	For Deluxe Grade, Add	114.93	
	For Custom Deluxe Grade, Add	124.74	
	For Custom Built In Place, Add	81.64	
06 41 13 00-0205	EA 30" x 12" x 60" Library Cabinet	431.17	52.20
	For Plastic Laminate On Particle Board, Deduct	-114.37	
	For Economy Grade, Deduct	-65.36	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-32.68	
	For High Grade, Add	32.68	
	For Higher Grade, Add	65.36	
	For Deluxe Grade, Add	130.71	
	For Custom Deluxe Grade, Add	141.15	
	For Custom Built In Place, Add	92.13	
06 41 13 00-0206	EA 30" x 12" x 66" Library Cabinet	476.70	53.39
	For Plastic Laminate On Particle Board, Deduct	-129.48	
	For Economy Grade, Deduct	-73.99	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
	For High Grade, Add	36.99	
	For Higher Grade, Add	73.99	
	For Deluxe Grade, Add	147.98	
	For Custom Deluxe Grade, Add	158.65	
	For Custom Built In Place, Add	103.16	
06 41 13 00-0207	EA 30" x 12" x 48" Library Cabinet - C.....	376.19	46.26
	For Plastic Laminate On Particle Board, Deduct	-99.27	
	For Economy Grade, Deduct	-56.72	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-28.36	
	For High Grade, Add	28.36	
	For Higher Grade, Add	56.72	
	For Deluxe Grade, Add	113.45	
	For Custom Deluxe Grade, Add	122.71	
	For Custom Built In Place, Add	80.16	
06 41 13 00-0208	EA 30" x 12" x 54" Library Cabinet - C.....	424.85	49.03
	For Plastic Laminate On Particle Board, Deduct	-114.37	
	For Economy Grade, Deduct	-65.36	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-32.68	
	For High Grade, Add	32.68	
	For Higher Grade, Add	65.36	
	For Deluxe Grade, Add	130.71	
	For Custom Deluxe Grade, Add	140.52	
	For Custom Built In Place, Add	91.50	
06 41 13 00-0209	EA 30" x 12" x 60" Library Cabinet - C.....	474.34	52.20
	For Plastic Laminate On Particle Board, Deduct	-129.48	
	For Economy Grade, Deduct	-73.99	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-36.99	
	For High Grade, Add	36.99	
	For Higher Grade, Add	73.99	
	For Deluxe Grade, Add	147.98	
	For Custom Deluxe Grade, Add	158.42	
	For Custom Built In Place, Add	102.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0210	EA	30" x 12" x 66" Library Cabinet - C	513.72	53.39
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-142.43	
			<i>For Economy Grade, Deduct</i>	-81.39	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-40.69	
			<i>For High Grade, Add</i>	40.69	
			<i>For Higher Grade, Add</i>	81.39	
			<i>For Deluxe Grade, Add</i>	162.78	
			<i>For Custom Deluxe Grade, Add</i>	173.45	
			<i>For Custom Built In Place, Add</i>	112.41	
06 41	13 00-0211	LF	Finished Wood Tops	40.32	4.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-10.79	
			<i>For Economy Grade, Deduct</i>	-6.17	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-3.08	
			<i>For High Grade, Add</i>	3.08	
			<i>For Higher Grade, Add</i>	6.17	
			<i>For Deluxe Grade, Add</i>	12.33	
			<i>For Custom Deluxe Grade, Add</i>	13.28	
			<i>For Custom Built In Place, Add</i>	8.66	
06 41	13 00-0212	EA	24" Vanity Sink Base, 2 Drawer	167.65	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-36.25	
			<i>For Economy Grade, Deduct</i>	-20.72	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.36	
			<i>For High Grade, Add</i>	10.36	
			<i>For Higher Grade, Add</i>	20.72	
			<i>For Deluxe Grade, Add</i>	41.43	
			<i>For Custom Deluxe Grade, Add</i>	47.84	
			<i>For Custom Built In Place, Add</i>	32.30	
06 41	13 00-0213	EA	27" Vanity Sink Base	175.75	33.61
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-37.98	
			<i>For Economy Grade, Deduct</i>	-21.70	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-10.85	
			<i>For High Grade, Add</i>	10.85	
			<i>For Higher Grade, Add</i>	21.70	
			<i>For Deluxe Grade, Add</i>	43.41	
			<i>For Custom Deluxe Grade, Add</i>	50.13	
			<i>For Custom Built In Place, Add</i>	33.85	
06 41	13 00-0214	EA	30" Vanity Sink Base	183.75	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-38.84	
			<i>For Economy Grade, Deduct</i>	-22.20	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-11.10	
			<i>For High Grade, Add</i>	11.10	
			<i>For Higher Grade, Add</i>	22.20	
			<i>For Deluxe Grade, Add</i>	44.39	
			<i>For Custom Deluxe Grade, Add</i>	51.67	
			<i>For Custom Built In Place, Add</i>	35.02	
06 41	13 00-0215	EA	36" Vanity Sink Base	200.82	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-43.16	
			<i>For Economy Grade, Deduct</i>	-24.66	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-12.33	
			<i>For High Grade, Add</i>	12.33	
			<i>For Higher Grade, Add</i>	24.66	
			<i>For Deluxe Grade, Add</i>	49.32	
			<i>For Custom Deluxe Grade, Add</i>	57.08	
			<i>For Custom Built In Place, Add</i>	38.58	
06 41	13 00-0216	EA	42" Vanity Sink Base	243.36	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.11	
			<i>For Economy Grade, Deduct</i>	-32.06	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.03	
			<i>For High Grade, Add</i>	16.03	
			<i>For Higher Grade, Add</i>	32.06	
			<i>For Deluxe Grade, Add</i>	64.12	
			<i>For Custom Deluxe Grade, Add</i>	72.43	
			<i>For Custom Built In Place, Add</i>	48.38	
06 41	13 00-0217	EA	36" Vanity Sink Base With Drawer On Each End	220.55	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-50.06	
			<i>For Economy Grade, Deduct</i>	-28.61	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.30	
			<i>For High Grade, Add</i>	14.30	
			<i>For Higher Grade, Add</i>	28.61	
			<i>For Deluxe Grade, Add</i>	57.22	
			<i>For Custom Deluxe Grade, Add</i>	64.97	
			<i>For Custom Built In Place, Add</i>	43.51	
06 41	13 00-0218	EA	42" Vanity Sink Base With Drawer On Each End	238.43	41.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-54.38	
			<i>For Economy Grade, Deduct</i>	-31.08	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.54	
			<i>For High Grade, Add</i>	15.54	
			<i>For Higher Grade, Add</i>	31.08	
			<i>For Deluxe Grade, Add</i>	62.15	
			<i>For Custom Deluxe Grade, Add</i>	70.46	
			<i>For Custom Built In Place, Add</i>	47.15	
06 41	13 00-0219	EA	48" Vanity Sink Base With Drawer On Each End	262.71	46.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-59.56	
			<i>For Economy Grade, Deduct</i>	-34.03	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.02	
			<i>For High Grade, Add</i>	17.02	
			<i>For Higher Grade, Add</i>	34.03	
			<i>For Deluxe Grade, Add</i>	68.07	
			<i>For Custom Deluxe Grade, Add</i>	77.32	
			<i>For Custom Built In Place, Add</i>	51.80	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0220	EA 54" Combo Vanity With Sink Center	283.04	49.03
	For Plastic Laminate On Particle Board, Deduct	-64.74	
	For Economy Grade, Deduct	-36.99	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-18.50	
	For High Grade, Add	18.50	
	For Higher Grade, Add	36.99	
	For Deluxe Grade, Add	73.99	
	For Custom Deluxe Grade, Add	83.80	
	For Custom Built In Place, Add	56.05	
06 41 13 00-0221	EA 60" Combo Vanity With Sink Center	311.57	52.20
	For Plastic Laminate On Particle Board, Deduct	-72.51	
	For Economy Grade, Deduct	-41.43	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-20.72	
	For High Grade, Add	20.72	
	For Higher Grade, Add	41.43	
	For Deluxe Grade, Add	82.87	
	For Custom Deluxe Grade, Add	93.31	
	For Custom Built In Place, Add	62.23	
06 41 13 00-0222	EA 66" Combo Vanity With Sink Center	328.76	53.39
	For Plastic Laminate On Particle Board, Deduct	-77.69	
	For Economy Grade, Deduct	-44.39	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-22.20	
	For High Grade, Add	22.20	
	For Higher Grade, Add	44.39	
	For Deluxe Grade, Add	88.79	
	For Custom Deluxe Grade, Add	99.47	
	For Custom Built In Place, Add	66.17	
06 41 13 00-0223	EA 72" Combo Vanity With Sink Center	345.03	55.36
	For Plastic Laminate On Particle Board, Deduct	-82.01	
	For Economy Grade, Deduct	-46.86	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-23.43	
	For High Grade, Add	23.43	
	For Higher Grade, Add	46.86	
	For Deluxe Grade, Add	93.72	
	For Custom Deluxe Grade, Add	104.79	
	For Custom Built In Place, Add	69.65	
06 41 13 00-0224	EA 24" Vanity Sink Base, Full Height Doors, 2 Doors	162.72	32.03
	For Plastic Laminate On Particle Board, Deduct	-34.53	
	For Economy Grade, Deduct	-19.73	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-9.87	
	For High Grade, Add	9.87	
	For Higher Grade, Add	19.73	
	For Deluxe Grade, Add	39.46	
	For Custom Deluxe Grade, Add	45.87	
	For Custom Built In Place, Add	31.07	
06 41 13 00-0225	EA 27" Vanity Sink Base, Full Height Doors	170.81	33.61
	For Plastic Laminate On Particle Board, Deduct	-36.25	
	For Economy Grade, Deduct	-20.72	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.36	
	For High Grade, Add	10.36	
	For Higher Grade, Add	20.72	
	For Deluxe Grade, Add	41.43	
	For Custom Deluxe Grade, Add	48.16	
	For Custom Built In Place, Add	32.62	
06 41 13 00-0226	EA 30" Vanity Sink Base, Full Height Doors	178.82	36.38
	For Plastic Laminate On Particle Board, Deduct	-37.12	
	For Economy Grade, Deduct	-21.21	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-10.61	
	For High Grade, Add	10.61	
	For Higher Grade, Add	21.21	
	For Deluxe Grade, Add	42.42	
	For Custom Deluxe Grade, Add	49.70	
	For Custom Built In Place, Add	33.79	
06 41 13 00-0227	EA 36" Vanity Sink Base, Full Height Doors	195.89	38.75
	For Plastic Laminate On Particle Board, Deduct	-41.43	
	For Economy Grade, Deduct	-23.68	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-11.84	
	For High Grade, Add	11.84	
	For Higher Grade, Add	23.68	
	For Deluxe Grade, Add	47.35	
	For Custom Deluxe Grade, Add	55.10	
	For Custom Built In Place, Add	37.35	
06 41 13 00-0228	EA 42" Vanity Sink Base, Full Height Doors	221.16	41.52
	For Plastic Laminate On Particle Board, Deduct	-48.34	
	For Economy Grade, Deduct	-27.62	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-13.81	
	For High Grade, Add	13.81	
	For Higher Grade, Add	27.62	
	For Deluxe Grade, Add	55.24	
	For Custom Deluxe Grade, Add	63.55	
	For Custom Built In Place, Add	42.83	
06 41 13 00-0229	EA 48" Vanity Sink Base, Full Height Doors	242.98	46.26
	For Plastic Laminate On Particle Board, Deduct	-52.65	
	For Economy Grade, Deduct	-30.09	
	For Premium Grade Plywood With Plastic Laminate, Deduct	-15.04	
	For High Grade, Add	15.04	
	For Higher Grade, Add	30.09	
	For Deluxe Grade, Add	60.18	
	For Custom Deluxe Grade, Add	69.43	
	For Custom Built In Place, Add	46.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0230	EA	24" Vanity Sink Base With 2 Sink Blanks And Drawers	209.58	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-50.93	
			<i>For Economy Grade, Deduct</i>	-29.10	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.55	
			<i>For High Grade, Add</i>	14.55	
			<i>For Higher Grade, Add</i>	29.10	
			<i>For Deluxe Grade, Add</i>	58.20	
			<i>For Custom Deluxe Grade, Add</i>	64.61	
			<i>For Custom Built In Place, Add</i>	42.78	
06 41	13 00-0231	EA	30" Vanity Sink Base With 2 Sink Blanks And Drawers	225.68	36.38
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-53.52	
			<i>For Economy Grade, Deduct</i>	-30.58	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.29	
			<i>For High Grade, Add</i>	15.29	
			<i>For Higher Grade, Add</i>	30.58	
			<i>For Deluxe Grade, Add</i>	61.16	
			<i>For Custom Deluxe Grade, Add</i>	68.44	
			<i>For Custom Built In Place, Add</i>	45.50	
06 41	13 00-0232	EA	36" Vanity Sink Base With 2 Sink Blanks And Drawers	237.82	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.11	
			<i>For Economy Grade, Deduct</i>	-32.06	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.03	
			<i>For High Grade, Add</i>	16.03	
			<i>For Higher Grade, Add</i>	32.06	
			<i>For Deluxe Grade, Add</i>	64.12	
			<i>For Custom Deluxe Grade, Add</i>	71.88	
			<i>For Custom Built In Place, Add</i>	47.83	
06 41	13 00-0233	EA	18" Vanity Drawer Base, 2 Drawer	207.84	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-53.09	
			<i>For Economy Grade, Deduct</i>	-30.34	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.17	
			<i>For High Grade, Add</i>	15.17	
			<i>For Higher Grade, Add</i>	30.34	
			<i>For Deluxe Grade, Add</i>	60.67	
			<i>For Custom Deluxe Grade, Add</i>	66.29	
			<i>For Custom Built In Place, Add</i>	43.54	
06 41	13 00-0234	EA	21" Vanity Drawer Base, 2 Drawer	237.60	31.24
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-61.29	
			<i>For Economy Grade, Deduct</i>	-35.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.51	
			<i>For High Grade, Add</i>	17.51	
			<i>For Higher Grade, Add</i>	35.02	
			<i>For Deluxe Grade, Add</i>	70.04	
			<i>For Custom Deluxe Grade, Add</i>	76.29	
			<i>For Custom Built In Place, Add</i>	50.03	
06 41	13 00-0235	EA	24" Vanity Drawer Base, 2 Drawer	251.51	32.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-65.60	
			<i>For Economy Grade, Deduct</i>	-37.49	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.74	
			<i>For High Grade, Add</i>	18.74	
			<i>For Higher Grade, Add</i>	37.49	
			<i>For Deluxe Grade, Add</i>	74.98	
			<i>For Custom Deluxe Grade, Add</i>	81.38	
			<i>For Custom Built In Place, Add</i>	53.27	
06 41	13 00-0236	EA	12" Vanity Drawer Base, 3 Drawer	180.03	20.96
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-48.34	
			<i>For Economy Grade, Deduct</i>	-27.62	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-13.81	
			<i>For High Grade, Add</i>	13.81	
			<i>For Higher Grade, Add</i>	27.62	
			<i>For Deluxe Grade, Add</i>	55.24	
			<i>For Custom Deluxe Grade, Add</i>	59.44	
			<i>For Custom Built In Place, Add</i>	38.72	
06 41	13 00-0237	EA	15" Vanity Drawer Base, 3 Drawer	199.48	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-52.65	
			<i>For Economy Grade, Deduct</i>	-30.09	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.04	
			<i>For High Grade, Add</i>	15.04	
			<i>For Higher Grade, Add</i>	30.09	
			<i>For Deluxe Grade, Add</i>	60.18	
			<i>For Custom Deluxe Grade, Add</i>	65.08	
			<i>For Custom Built In Place, Add</i>	42.51	
06 41	13 00-0238	EA	18" Vanity Drawer Base, 3 Drawer	218.94	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-56.97	
			<i>For Economy Grade, Deduct</i>	-32.56	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.28	
			<i>For High Grade, Add</i>	16.28	
			<i>For Higher Grade, Add</i>	32.56	
			<i>For Deluxe Grade, Add</i>	65.11	
			<i>For Custom Deluxe Grade, Add</i>	70.73	
			<i>For Custom Built In Place, Add</i>	46.31	
06 41	13 00-0239	EA	21" Vanity Drawer Base, 3 Drawer	237.60	31.24
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-61.29	
			<i>For Economy Grade, Deduct</i>	-35.02	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-17.51	
			<i>For High Grade, Add</i>	17.51	
			<i>For Higher Grade, Add</i>	35.02	
			<i>For Deluxe Grade, Add</i>	70.04	
			<i>For Custom Deluxe Grade, Add</i>	76.29	
			<i>For Custom Built In Place, Add</i>	50.03	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0240	EA	24" Vanity Drawer Base, 3 Drawer	251.51	32.03
			For Plastic Laminate On Particle Board, Deduct	-65.60	
			For Economy Grade, Deduct	-37.49	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-18.74	
			For High Grade, Add	18.74	
			For Higher Grade, Add	37.49	
			For Deluxe Grade, Add	74.98	
			For Custom Deluxe Grade, Add	81.38	
			For Custom Built In Place, Add	53.27	
06 41	13 00-0241	EA	12" Vanity Base Cabinet	128.24	20.96
			For Plastic Laminate On Particle Board, Deduct	-30.21	
			For Economy Grade, Deduct	-17.26	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.63	
			For High Grade, Add	8.63	
			For Higher Grade, Add	17.26	
			For Deluxe Grade, Add	34.53	
			For Custom Deluxe Grade, Add	38.72	
			For Custom Built In Place, Add	25.77	
06 41	13 00-0242	EA	15" Vanity Base Cabinet	137.83	24.52
			For Plastic Laminate On Particle Board, Deduct	-31.08	
			For Economy Grade, Deduct	-17.76	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-8.88	
			For High Grade, Add	8.88	
			For Higher Grade, Add	17.76	
			For Deluxe Grade, Add	35.52	
			For Custom Deluxe Grade, Add	40.42	
			For Custom Built In Place, Add	27.10	
06 41	13 00-0243	EA	18" Vanity Base Cabinet	147.41	28.08
			For Plastic Laminate On Particle Board, Deduct	-31.94	
			For Economy Grade, Deduct	-18.25	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-9.13	
			For High Grade, Add	9.13	
			For Higher Grade, Add	18.25	
			For Deluxe Grade, Add	36.50	
			For Custom Deluxe Grade, Add	42.12	
			For Custom Built In Place, Add	28.43	
06 41	13 00-0244	EA	21" Vanity Base Cabinet	163.61	31.24
			For Plastic Laminate On Particle Board, Deduct	-35.39	
			For Economy Grade, Deduct	-20.22	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-10.11	
			For High Grade, Add	10.11	
			For Higher Grade, Add	20.22	
			For Deluxe Grade, Add	40.45	
			For Custom Deluxe Grade, Add	46.70	
			For Custom Built In Place, Add	31.53	
06 41	13 00-0245	EA	24" Vanity Base Cabinet	170.12	32.03
			For Plastic Laminate On Particle Board, Deduct	-37.12	
			For Economy Grade, Deduct	-21.21	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-10.61	
			For High Grade, Add	10.61	
			For Higher Grade, Add	21.21	
			For Deluxe Grade, Add	42.42	
			For Custom Deluxe Grade, Add	48.83	
			For Custom Built In Place, Add	32.92	
06 41	13 00-0246	EA	24" Vanity Base Cabinet, 2 Drawer	177.52	32.03
			For Plastic Laminate On Particle Board, Deduct	-39.71	
			For Economy Grade, Deduct	-22.69	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-11.35	
			For High Grade, Add	11.35	
			For Higher Grade, Add	22.69	
			For Deluxe Grade, Add	45.38	
			For Custom Deluxe Grade, Add	51.79	
			For Custom Built In Place, Add	34.77	
06 41	13 00-0247	EA	27" Vanity Base Cabinet	189.31	33.61
			For Plastic Laminate On Particle Board, Deduct	-42.73	
			For Economy Grade, Deduct	-24.42	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-12.21	
			For High Grade, Add	12.21	
			For Higher Grade, Add	24.42	
			For Deluxe Grade, Add	48.83	
			For Custom Deluxe Grade, Add	55.56	
			For Custom Built In Place, Add	37.24	
06 41	13 00-0248	EA	30" Vanity Base Cabinet	210.88	36.38
			For Plastic Laminate On Particle Board, Deduct	-48.34	
			For Economy Grade, Deduct	-27.62	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-13.81	
			For High Grade, Add	13.81	
			For Higher Grade, Add	27.62	
			For Deluxe Grade, Add	55.24	
			For Custom Deluxe Grade, Add	62.52	
			For Custom Built In Place, Add	41.80	
06 41	13 00-0249	EA	33" Vanity Base Cabinet	225.68	36.38
			For Plastic Laminate On Particle Board, Deduct	-53.52	
			For Economy Grade, Deduct	-30.58	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.29	
			For High Grade, Add	15.29	
			For Higher Grade, Add	30.58	
			For Deluxe Grade, Add	61.16	
			For Custom Deluxe Grade, Add	68.44	
			For Custom Built In Place, Add	45.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0250	EA	36" Vanity Base Cabinet.....	243.98	38.75
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-58.26	
			<i>For Economy Grade, Deduct</i>	-33.29	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.65	
			<i>For High Grade, Add</i>	16.65	
			<i>For Higher Grade, Add</i>	33.29	
			<i>For Deluxe Grade, Add</i>	66.59	
			<i>For Custom Deluxe Grade, Add</i>	74.34	
			<i>For Custom Built In Place, Add</i>	49.37	
06 41	13 00-0251	EA	24" x 36" x 8" Toilet Topper.....	192.08	24.52
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-50.06	
			<i>For Economy Grade, Deduct</i>	-28.61	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-14.30	
			<i>For High Grade, Add</i>	14.30	
			<i>For Higher Grade, Add</i>	28.61	
			<i>For Deluxe Grade, Add</i>	57.22	
			<i>For Custom Deluxe Grade, Add</i>	62.12	
			<i>For Custom Built In Place, Add</i>	40.66	
06 41	13 00-0252	EA	18" x 16" Full Height Vanity.....	135.09	28.08
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-27.62	
			<i>For Economy Grade, Deduct</i>	-15.78	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-7.89	
			<i>For High Grade, Add</i>	7.89	
			<i>For Higher Grade, Add</i>	15.78	
			<i>For Deluxe Grade, Add</i>	31.57	
			<i>For Custom Deluxe Grade, Add</i>	37.19	
			<i>For Custom Built In Place, Add</i>	25.35	
06 41	13 00-0253	EA	54" Combo Vanity For 2 Sinks.....	302.77	49.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-71.65	
			<i>For Economy Grade, Deduct</i>	-40.94	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-20.47	
			<i>For High Grade, Add</i>	20.47	
			<i>For Higher Grade, Add</i>	40.94	
			<i>For Deluxe Grade, Add</i>	81.88	
			<i>For Custom Deluxe Grade, Add</i>	91.69	
			<i>For Custom Built In Place, Add</i>	60.98	
06 41	13 00-0254	EA	60" Combo Vanity For 2 Sinks.....	318.88	53.39
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-74.24	
			<i>For Economy Grade, Deduct</i>	-42.42	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.21	
			<i>For High Grade, Add</i>	21.21	
			<i>For Higher Grade, Add</i>	42.42	
			<i>For Deluxe Grade, Add</i>	84.84	
			<i>For Custom Deluxe Grade, Add</i>	95.52	
			<i>For Custom Built In Place, Add</i>	63.70	
06 41	13 00-0255	EA	48" Combo Vanity With Drawer Base Each End.....	351.50	46.26
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-90.64	
			<i>For Economy Grade, Deduct</i>	-51.79	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-25.90	
			<i>For High Grade, Add</i>	25.90	
			<i>For Higher Grade, Add</i>	51.79	
			<i>For Deluxe Grade, Add</i>	103.58	
			<i>For Custom Deluxe Grade, Add</i>	112.84	
			<i>For Custom Built In Place, Add</i>	73.99	
06 41	13 00-0256	EA	54" Combo Vanity With Drawer Base Each End.....	371.83	49.03
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-95.82	
			<i>For Economy Grade, Deduct</i>	-54.75	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-27.38	
			<i>For High Grade, Add</i>	27.38	
			<i>For Higher Grade, Add</i>	54.75	
			<i>For Deluxe Grade, Add</i>	109.50	
			<i>For Custom Deluxe Grade, Add</i>	119.31	
			<i>For Custom Built In Place, Add</i>	78.25	
06 41	13 00-0257	EA	60" Combo Vanity With Drawer Base Each End.....	400.35	52.20
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-103.58	
			<i>For Economy Grade, Deduct</i>	-59.19	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-29.60	
			<i>For High Grade, Add</i>	29.60	
			<i>For Higher Grade, Add</i>	59.19	
			<i>For Deluxe Grade, Add</i>	118.38	
			<i>For Custom Deluxe Grade, Add</i>	128.82	
			<i>For Custom Built In Place, Add</i>	84.43	
06 41	13 00-0258	EA	66" Combo Vanity With Drawer Base Each End.....	417.53	53.39
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-108.76	
			<i>For Economy Grade, Deduct</i>	-62.15	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-31.08	
			<i>For High Grade, Add</i>	31.08	
			<i>For Higher Grade, Add</i>	62.15	
			<i>For Deluxe Grade, Add</i>	124.30	
			<i>For Custom Deluxe Grade, Add</i>	134.98	
			<i>For Custom Built In Place, Add</i>	88.37	
06 41	13 00-0259	EA	72" Combo Vanity With Drawer Base Each End.....	433.81	55.36
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-113.08	
			<i>For Economy Grade, Deduct</i>	-64.62	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-32.31	
			<i>For High Grade, Add</i>	32.31	
			<i>For Higher Grade, Add</i>	64.62	
			<i>For Deluxe Grade, Add</i>	129.23	
			<i>For Custom Deluxe Grade, Add</i>	140.31	
			<i>For Custom Built In Place, Add</i>	91.84	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0260	EA	6" x 30" Wall Quarter Circle Shelf	82.61	20.96
			For Plastic Laminate On Particle Board, Deduct	-14.24	
			For Economy Grade, Deduct	-8.14	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-4.07	
			For High Grade, Add	4.07	
			For Higher Grade, Add	8.14	
			For Deluxe Grade, Add	16.28	
			For Custom Deluxe Grade, Add	20.47	
			For Custom Built In Place, Add	14.36	
06 41	13 00-0261	EA	6" x 52" Wall Quarter Circle Shelf	97.13	24.52
			For Plastic Laminate On Particle Board, Deduct	-16.83	
			For Economy Grade, Deduct	-9.62	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-4.81	
			For High Grade, Add	4.81	
			For Higher Grade, Add	9.62	
			For Deluxe Grade, Add	19.24	
			For Custom Deluxe Grade, Add	24.14	
			For Custom Built In Place, Add	16.93	
06 41	13 00-0262	EA	12" x 96", 3/4" Utility Shelf	36.53	5.93
			For Plastic Laminate On Particle Board, Deduct	-8.63	
			For Economy Grade, Deduct	-4.93	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-2.47	
			For High Grade, Add	2.47	
			For Higher Grade, Add	4.93	
			For Deluxe Grade, Add	9.86	
			For Custom Deluxe Grade, Add	11.05	
			For Custom Built In Place, Add	7.35	
06 41	13 00-0263	EA	24" x 96", 3/4" Utility Shelf	61.20	5.93
			For Plastic Laminate On Particle Board, Deduct	-17.27	
			For Economy Grade, Deduct	-9.87	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-4.93	
			For High Grade, Add	4.93	
			For Higher Grade, Add	9.87	
			For Deluxe Grade, Add	19.73	
			For Custom Deluxe Grade, Add	20.92	
			For Custom Built In Place, Add	13.52	
06 41	13 00-0264	EA	9" x 9" Shelf Brace Support.....	30.62	7.91
			For Plastic Laminate On Particle Board, Deduct	-5.18	
			For Economy Grade, Deduct	-2.96	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-1.48	
			For High Grade, Add	1.48	
			For Higher Grade, Add	2.96	
			For Deluxe Grade, Add	5.92	
			For Custom Deluxe Grade, Add	7.50	
			For Custom Built In Place, Add	5.28	
06 41	13 00-0265	EA	24" Wall Decorator End Panels.....	46.65	7.91
			For Plastic Laminate On Particle Board, Deduct	-10.79	
			For Economy Grade, Deduct	-6.17	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-3.08	
			For High Grade, Add	3.08	
			For Higher Grade, Add	6.17	
			For Deluxe Grade, Add	12.33	
			For Custom Deluxe Grade, Add	13.91	
			For Custom Built In Place, Add	9.29	
06 41	13 00-0266	EA	30" Wall Decorator End Panels.....	48.23	8.70
			For Plastic Laminate On Particle Board, Deduct	-10.79	
			For Economy Grade, Deduct	-6.17	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-3.08	
			For High Grade, Add	3.08	
			For Higher Grade, Add	6.17	
			For Deluxe Grade, Add	12.33	
			For Custom Deluxe Grade, Add	14.07	
			For Custom Built In Place, Add	9.45	
06 41	13 00-0267	EA	42" Wall Decorator End Panels.....	56.76	9.88
			For Plastic Laminate On Particle Board, Deduct	-12.95	
			For Economy Grade, Deduct	-7.40	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-3.70	
			For High Grade, Add	3.70	
			For Higher Grade, Add	7.40	
			For Deluxe Grade, Add	14.80	
			For Custom Deluxe Grade, Add	16.77	
			For Custom Built In Place, Add	11.22	
06 41	13 00-0268	EA	24" Wine Glass Stem Holder	41.95	15.42
			For Plastic Laminate On Particle Board, Deduct	-3.89	
			For Economy Grade, Deduct	-2.22	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-1.11	
			For High Grade, Add	1.11	
			For Higher Grade, Add	2.22	
			For Deluxe Grade, Add	4.44	
			For Custom Deluxe Grade, Add	7.53	
			For Custom Built In Place, Add	5.86	
06 41	13 00-0269	EA	30" Wine Glass Stem Holder	76.81	16.21
			For Plastic Laminate On Particle Board, Deduct	-15.54	
			For Economy Grade, Deduct	-8.88	
			For Premium Grade Plywood With Plastic Laminate, Deduct	-4.44	
			For High Grade, Add	4.44	
			For Higher Grade, Add	8.88	
			For Deluxe Grade, Add	17.76	
			For Custom Deluxe Grade, Add	21.00	
			For Custom Built In Place, Add	14.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41	13 00-0270	EA	36" Wine Glass Stem Holder	78.40	17.01
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-15.54	
			<i>For Economy Grade, Deduct</i>	-8.88	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-4.44	
			<i>For High Grade, Add</i>	4.44	
			<i>For Higher Grade, Add</i>	8.88	
			<i>For Deluxe Grade, Add</i>	17.76	
			<i>For Custom Deluxe Grade, Add</i>	21.16	
			<i>For Custom Built In Place, Add</i>	14.50	
06 41	13 00-0271	EA	36" Scalloped Valance.....	26.92	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-3.89	
			<i>For Economy Grade, Deduct</i>	-2.22	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.11	
			<i>For High Grade, Add</i>	1.11	
			<i>For Higher Grade, Add</i>	2.22	
			<i>For Deluxe Grade, Add</i>	4.44	
			<i>For Custom Deluxe Grade, Add</i>	6.02	
			<i>For Custom Built In Place, Add</i>	4.36	
06 41	13 00-0272	EA	48" Scalloped Valance.....	29.38	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-4.75	
			<i>For Economy Grade, Deduct</i>	-2.71	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.36	
			<i>For High Grade, Add</i>	1.36	
			<i>For Higher Grade, Add</i>	2.71	
			<i>For Deluxe Grade, Add</i>	5.42	
			<i>For Custom Deluxe Grade, Add</i>	7.01	
			<i>For Custom Built In Place, Add</i>	4.97	
06 41	13 00-0273	EA	60" Scalloped Valance.....	35.55	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-6.91	
			<i>For Economy Grade, Deduct</i>	-3.95	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.97	
			<i>For High Grade, Add</i>	1.97	
			<i>For Higher Grade, Add</i>	3.95	
			<i>For Deluxe Grade, Add</i>	7.89	
			<i>For Custom Deluxe Grade, Add</i>	9.47	
			<i>For Custom Built In Place, Add</i>	6.51	
06 41	13 00-0274	EA	72" Scalloped Valance.....	42.95	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-9.50	
			<i>For Economy Grade, Deduct</i>	-5.43	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.71	
			<i>For High Grade, Add</i>	2.71	
			<i>For Higher Grade, Add</i>	5.43	
			<i>For Deluxe Grade, Add</i>	10.85	
			<i>For Custom Deluxe Grade, Add</i>	12.43	
			<i>For Custom Built In Place, Add</i>	8.36	
06 41	13 00-0275	EA	36" Straight Valance.....	26.92	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-3.89	
			<i>For Economy Grade, Deduct</i>	-2.22	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.11	
			<i>For High Grade, Add</i>	1.11	
			<i>For Higher Grade, Add</i>	2.22	
			<i>For Deluxe Grade, Add</i>	4.44	
			<i>For Custom Deluxe Grade, Add</i>	6.02	
			<i>For Custom Built In Place, Add</i>	4.36	
06 41	13 00-0276	EA	48" Straight Valance.....	29.38	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-4.75	
			<i>For Economy Grade, Deduct</i>	-2.71	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.36	
			<i>For High Grade, Add</i>	1.36	
			<i>For Higher Grade, Add</i>	2.71	
			<i>For Deluxe Grade, Add</i>	5.42	
			<i>For Custom Deluxe Grade, Add</i>	7.01	
			<i>For Custom Built In Place, Add</i>	4.97	
06 41	13 00-0277	EA	60" Straight Valance.....	35.55	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-6.91	
			<i>For Economy Grade, Deduct</i>	-3.95	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-1.97	
			<i>For High Grade, Add</i>	1.97	
			<i>For Higher Grade, Add</i>	3.95	
			<i>For Deluxe Grade, Add</i>	7.89	
			<i>For Custom Deluxe Grade, Add</i>	9.47	
			<i>For Custom Built In Place, Add</i>	6.51	
06 41	13 00-0278	EA	72" Straight Valance.....	42.95	7.91
			<i>For Plastic Laminate On Particle Board, Deduct</i>	-9.50	
			<i>For Economy Grade, Deduct</i>	-5.43	
			<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-2.71	
			<i>For High Grade, Add</i>	2.71	
			<i>For Higher Grade, Add</i>	5.43	
			<i>For Deluxe Grade, Add</i>	10.85	
			<i>For Custom Deluxe Grade, Add</i>	12.43	
			<i>For Custom Built In Place, Add</i>	8.36	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0279	Wood-Veneer Faced Cabinets <small>(06 41 13)</small>		
	Note: AWI Custom Grade, good quality mill-made modular units, prefinished with solid hardwood face frames, hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs (1/8" vinyl laminated plywood), vinyl laminated cabinet interiors, vinyl laminated composition drawer bodies with nylon and metal guides. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves. Use appropriate modifiers for the following grades: Economy Grade - Cabinets with melamine laminated to particleboard, in textured colors or wood grain print finish; Premium Grade - Cabinets with solid hardwood fronts and frames, mitered corners and solid wood drawer bodies with steel guides and ball bearings; Laboratory Grade - Cabinets with chemical resistant finish on premium grade.		
06 41 13 00-0280	Base Cabinets <small>(06 41 13 00-0279)</small>		
	Note: Excludes tops or finish.		
06 41 13 00-0281	Base Cabinets, Single Drawer And Single Door <small>(06 41 13 00-0280)</small>		
06 41 13 00-0282	Base Cabinets 34-1/2" High x 24" Deep <small>(06 41 13 00-0281)</small>		
06 41 13 00-0283	EA Up To 15" Width, 34-1/2" High x 24" Deep Base Cabinet.....	281.39	45.09
	Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	For ADA Cabinet Units (Includes All ADA Hardware), Add	43.42	
	For 3 Drawer Unit, Add	86.84	
	For 4 Drawer Unit, Add	108.55	
	For Plastic Laminate On Particle Board, Deduct	-43.42	
	Note: (Plastic Laminate On Hardwood For Doors)		
	For Premium Grade Plywood With Plastic Laminate, Deduct	-21.71	
	For Economy Grade, Deduct	-86.84	
	For Premium Grade, Add	108.55	
	For Hospital Grade, Add	141.11	
	For Unfinished (Natural, Wood), Deduct	-32.56	
06 41 13 00-0284	EA >15" To 18" Width, 34-1/2" High x 24" Deep Base Cabinet.....	310.94	55.38
	Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	For ADA Cabinet Units (Includes All ADA Hardware), Add	46.41	
	For 3 Drawer Unit, Add	92.83	
	For 4 Drawer Unit, Add	116.04	
	For Plastic Laminate On Particle Board, Deduct	-46.41	
	Note: (Plastic Laminate On Hardwood For Doors)		
	For Premium Grade Plywood With Plastic Laminate, Deduct	-23.21	
	For Economy Grade, Deduct	-92.83	
	For Premium Grade, Add	116.04	
	For Hospital Grade, Add	150.85	
	For Unfinished (Natural, Wood), Deduct	-34.81	
06 41 13 00-0285	EA >18" To 21" Width, 34-1/2" High x 24" Deep Base Cabinet.....	333.50	63.30
	Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	For ADA Cabinet Units (Includes All ADA Hardware), Add	48.66	
	For 3 Drawer Unit, Add	97.32	
	For 4 Drawer Unit, Add	121.65	
	For Plastic Laminate On Particle Board, Deduct	-48.66	
	Note: (Plastic Laminate On Hardwood For Doors)		
	For Premium Grade Plywood With Plastic Laminate, Deduct	-24.33	
	For Economy Grade, Deduct	-97.32	
	For Premium Grade, Add	121.65	
	For Hospital Grade, Add	158.15	
	For Unfinished (Natural, Wood), Deduct	-36.50	
06 41 13 00-0286	EA >21" To 24" Width, 34-1/2" High x 24" Deep Base Cabinet.....	382.09	73.59
	Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	For ADA Cabinet Units (Includes All ADA Hardware), Add	55.45	
	For 3 Drawer Unit, Add	110.90	
	For 4 Drawer Unit, Add	138.63	
	For Plastic Laminate On Particle Board, Deduct	-55.45	
	Note: (Plastic Laminate On Hardwood For Doors)		
	For Premium Grade Plywood With Plastic Laminate, Deduct	-27.73	
	For Economy Grade, Deduct	-110.90	
	For Premium Grade, Add	138.63	
	For Hospital Grade, Add	180.22	
	For Unfinished (Natural, Wood), Deduct	-41.59	
06 41 13 00-0287	Base Cabinets 30" High x 24" Deep <small>(06 41 13 00-0281)</small>		
06 41 13 00-0288	EA Up To 15" Width, 30" High x 24" Deep Base Cabinet.....	248.83	45.09
	Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
	For ADA Cabinet Units (Includes All ADA Hardware), Add	36.91	
	For 3 Drawer Unit, Add	73.81	
	For 4 Drawer Unit, Add	92.27	
	For Plastic Laminate On Particle Board, Deduct	-36.91	
	Note: (Plastic Laminate On Hardwood For Doors)		
	For Premium Grade Plywood With Plastic Laminate, Deduct	-18.45	
	For Economy Grade, Deduct	-73.81	
	For Premium Grade, Add	92.27	
	For Hospital Grade, Add	119.94	
	For Unfinished (Natural, Wood), Deduct	-27.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0289	EA		>15" To 18" Width, 30" High x 24" Deep Base Cabinet.....	276.13	55.38
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	39.45	
			For 3 Drawer Unit, Add	78.90	
			For 4 Drawer Unit, Add	98.63	
			For Plastic Laminate On Particle Board, Deduct	-39.45	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.73	
			For Economy Grade, Deduct	-78.90	
			For Premium Grade, Add	98.63	
			For Hospital Grade, Add	128.22	
			For Unfinished (Natural, Wood), Deduct	-29.59	
06 41 13 00-0290	EA		>18" To 21" Width, 30" High x 24" Deep Base Cabinet.....	297.00	63.30
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	41.36	
			For 3 Drawer Unit, Add	82.72	
			For 4 Drawer Unit, Add	103.40	
			For Plastic Laminate On Particle Board, Deduct	-41.36	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-20.68	
			For Economy Grade, Deduct	-82.72	
			For Premium Grade, Add	103.40	
			For Hospital Grade, Add	134.42	
			For Unfinished (Natural, Wood), Deduct	-31.02	
06 41 13 00-0291	EA		>21" To 24" Width, 30" High x 24" Deep Base Cabinet.....	340.50	72.79
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	47.13	
			For 3 Drawer Unit, Add	94.27	
			For 4 Drawer Unit, Add	117.84	
			For Plastic Laminate On Particle Board, Deduct	-47.13	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-23.57	
			For Economy Grade, Deduct	-94.27	
			For Premium Grade, Add	117.84	
			For Hospital Grade, Add	153.19	
			For Unfinished (Natural, Wood), Deduct	-35.35	
06 41 13 00-0292			Base Cabinets 34-1/2" High x 24" Deep, Custom Built In Place (06 41 13 00-0281)		
06 41 13 00-0293	LF		Up To 15" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet.....	254.38	56.18
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	34.74	
			For 3 Drawer Unit, Add	69.47	
			For 4 Drawer Unit, Add	86.84	
			For Plastic Laminate On Particle Board, Deduct	-34.74	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-17.37	
			For Economy Grade, Deduct	-69.47	
			For Premium Grade, Add	86.84	
			For Hospital Grade, Add	112.89	
			For Unfinished (Natural, Wood), Deduct	-26.05	
06 41 13 00-0294	LF		>15" To 18" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet.....	233.04	54.60
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	30.94	
			For 3 Drawer Unit, Add	61.88	
			For 4 Drawer Unit, Add	77.36	
			For Plastic Laminate On Particle Board, Deduct	-30.94	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-15.47	
			For Economy Grade, Deduct	-61.88	
			For Premium Grade, Add	77.36	
			For Hospital Grade, Add	100.56	
			For Unfinished (Natural, Wood), Deduct	-23.21	
06 41 13 00-0295	LF		>18" To 24" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet.....	214.98	53.01
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	27.81	
			For 3 Drawer Unit, Add	55.61	
			For 4 Drawer Unit, Add	69.52	
			For Plastic Laminate On Particle Board, Deduct	-27.81	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-13.90	
			For Economy Grade, Deduct	-55.61	
			For Premium Grade, Add	69.52	
			For Hospital Grade, Add	90.37	
			For Unfinished (Natural, Wood), Deduct	-20.85	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0296	LF	>24" To 30" Width, 34-1/2" High x 24" Deep Built In Place Base Cabinet.....	198.04	50.64
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	25.05	
		For 3 Drawer Unit, Add	50.10	
		For 4 Drawer Unit, Add	62.63	
		For Plastic Laminate On Particle Board, Deduct	-25.05	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-12.53	
		For Economy Grade, Deduct	-50.10	
		For Premium Grade, Add	62.63	
		For Hospital Grade, Add	81.41	
		For Unfinished (Natural, Wood), Deduct	-18.79	

06 41 13 00-0297 Base Cabinets, Double Drawer And Double Door (06 41 13 00-0280)**06 41 13 00-0298 34-1/2" High x 24" Deep (06 41 13 00-0297)**

06 41 13 00-0299	EA	24" To 27" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	447.94	60.53
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	65.38	
		For Plastic Laminate On Particle Board, Deduct	-65.38	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-32.69	
		For Economy Grade, Deduct	-130.76	
		For Premium Grade, Add	163.45	
		For Hospital Grade, Add	212.48	
		For Unfinished (Natural, Wood), Deduct	-49.03	
		For 3 Drawer Unit, Add	32.69	
		For Sink Base With Sink Front (No Drawer), Deduct	-49.03	
06 41 13 00-0300	EA	>27"-30" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	477.71	64.88
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	69.59	
		For Plastic Laminate On Particle Board, Deduct	-69.59	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-34.80	
		For Economy Grade, Deduct	-139.18	
		For Premium Grade, Add	173.98	
		For Hospital Grade, Add	226.17	
		For Unfinished (Natural, Wood), Deduct	-52.19	
		For 3 Drawer Unit, Add	34.80	
		For Sink Base With Sink Front (No Drawer), Deduct	-52.19	
06 41 13 00-0301	EA	>30"-33" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	497.24	66.46
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	72.86	
		For Plastic Laminate On Particle Board, Deduct	-72.86	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-36.43	
		For Economy Grade, Deduct	-145.73	
		For Premium Grade, Add	182.16	
		For Hospital Grade, Add	236.81	
		For Unfinished (Natural, Wood), Deduct	-54.65	
		For 3 Drawer Unit, Add	36.43	
		For Sink Base With Sink Front (No Drawer), Deduct	-54.65	
06 41 13 00-0302	EA	>33"-36" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	510.39	68.04
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	74.86	
		For Plastic Laminate On Particle Board, Deduct	-74.86	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-37.43	
		For Economy Grade, Deduct	-149.72	
		For Premium Grade, Add	187.15	
		For Hospital Grade, Add	243.30	
		For Unfinished (Natural, Wood), Deduct	-56.15	
		For 3 Drawer Unit, Add	37.43	
		For Sink Base With Sink Front (No Drawer), Deduct	-56.15	
06 41 13 00-0303	EA	>36"-42" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	546.41	73.59
		Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
		For ADA Cabinet Units (Includes All ADA Hardware), Add	79.85	
		For Plastic Laminate On Particle Board, Deduct	-79.85	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-39.93	
		For Economy Grade, Deduct	-159.70	
		For Premium Grade, Add	199.63	
		For Hospital Grade, Add	259.51	
		For Unfinished (Natural, Wood), Deduct	-59.89	
		For 3 Drawer Unit, Add	39.93	
		For Sink Base With Sink Front (No Drawer), Deduct	-59.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0304	EA		>42"-48" Wide, 34-1/2" High x 24" Deep 2-Drawer/2-Door Cabinet.....	584.13	83.08
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	83.59	
			For Plastic Laminate On Particle Board, Deduct	-83.59	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-41.80	
			For Economy Grade, Deduct	-167.19	
			For Premium Grade, Add	208.99	
			For Hospital Grade, Add	271.68	
			For Unfinished (Natural, Wood), Deduct	-62.70	
			For 3 Drawer Unit, Add	41.80	
			For Sink Base With Sink Front (No Drawer), Deduct	-62.70	
06 41 13 00-0305			30" High x 24" Deep <small>(06 41 13 00-0297)</small>		
06 41 13 00-0306	EA		24" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	310.35	81.97
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	38.54	
			For Plastic Laminate On Particle Board, Deduct	-38.54	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-19.27	
			For Economy Grade, Deduct	-77.07	
			For Premium Grade, Add	96.34	
			For Hospital Grade, Add	125.24	
			For Unfinished (Natural, Wood), Deduct	-28.90	
			For 3 Drawer Unit, Add	19.27	
			For Sink Base With Sink Front (No Drawer), Deduct	-28.90	
06 41 13 00-0307	EA		30" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	439.47	91.38
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	61.95	
			For Plastic Laminate On Particle Board, Deduct	-61.95	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-30.98	
			For Economy Grade, Deduct	-123.91	
			For Premium Grade, Add	154.89	
			For Hospital Grade, Add	201.35	
			For Unfinished (Natural, Wood), Deduct	-46.47	
			For 3 Drawer Unit, Add	30.98	
			For Sink Base With Sink Front (No Drawer), Deduct	-46.47	
06 41 13 00-0308	EA		36" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	507.70	94.71
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	74.26	
			For Plastic Laminate On Particle Board, Deduct	-74.26	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-37.13	
			For Economy Grade, Deduct	-148.51	
			For Premium Grade, Add	185.64	
			For Hospital Grade, Add	241.33	
			For Unfinished (Natural, Wood), Deduct	-55.69	
			For 3 Drawer Unit, Add	37.13	
			For Sink Base With Sink Front (No Drawer), Deduct	-55.69	
06 41 13 00-0309	EA		42" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	606.11	103.01
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	91.79	
			For Plastic Laminate On Particle Board, Deduct	-91.79	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-45.89	
			For Economy Grade, Deduct	-183.58	
			For Premium Grade, Add	229.47	
			For Hospital Grade, Add	298.31	
			For Unfinished (Natural, Wood), Deduct	-68.84	
			For 3 Drawer Unit, Add	45.89	
			For Sink Base With Sink Front (No Drawer), Deduct	-68.84	
06 41 13 00-0310	EA		48" Wide, 30" High x 24" Deep 2-Drawer/2-Door Cabinet.....	687.72	116.30
			Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top.		
			For ADA Cabinet Units (Includes All ADA Hardware), Add	104.31	
			For Plastic Laminate On Particle Board, Deduct	-104.31	
			Note: (Plastic Laminate On Hardwood For Doors)		
			For Premium Grade Plywood With Plastic Laminate, Deduct	-52.16	
			For Economy Grade, Deduct	-208.63	
			For Premium Grade, Add	260.79	
			For Hospital Grade, Add	339.02	
			For Unfinished (Natural, Wood), Deduct	-78.24	
			For 3 Drawer Unit, Add	52.16	
			For Sink Base With Sink Front (No Drawer), Deduct	-78.24	
06 41 13 00-0311			34-1/2" High x 24" Deep, Custom Built In Place <small>(06 41 13 00-0297)</small>		

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0312	LF	24" To 30" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct For 3 Drawer Unit, Add For Sink Base With Sink Front (No Drawer), Deduct	216.72 27.84 -27.84 -13.92 -55.67 69.59 90.47 -20.88 13.92 -20.88	54.60
06 41 13 00-0313	LF	>30" To 36" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct For 3 Drawer Unit, Add For Sink Base With Sink Front (No Drawer), Deduct	196.12 24.98 -24.98 -12.49 -49.96 62.46 81.19 -18.74 12.49 -18.74	49.85
06 41 13 00-0314	LF	>36" To 42" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct For 3 Drawer Unit, Add For Sink Base With Sink Front (No Drawer), Deduct	180.55 22.82 -22.82 -11.41 -45.64 57.05 74.16 -17.11 11.41 -17.11	46.68
06 41 13 00-0315	LF	>42" To 48" Wide, 34-1/2" High x 24" Deep Built In Place 2-Drawer/2-Door Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct For 3 Drawer Unit, Add For Sink Base With Sink Front (No Drawer), Deduct	167.83 20.91 -20.91 -10.45 -41.81 52.27 67.94 -15.68 10.45 -15.68	44.31
06 41 13 00-0316		Vanity Bases (06 41 13 00-0280)		
06 41 13 00-0317	EA	30" High x 21" Deep x 24" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	349.18 46.30 -46.30 -23.15 -92.60 115.76 150.48 -34.73	58.87
06 41 13 00-0318	EA	30" High x 21" Deep x 30" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	395.87 53.23 -53.23 -26.62 -106.47 133.09 173.01 -39.93	65.51
06 41 13 00-0319	EA	30" High x 21" Deep x 36" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	492.70 71.26 -71.26 -35.63 -142.51 178.14 231.58 -53.44	68.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0320	EA		30" High x 21" Deep x 48" Wide Vanity Bases, 2 Door..... Note: Prefinished with solid hardwood face frames, hardwood door frames and drawer fronts. Hardwood veneer on raised door panels. Excludes top. For ADA Cabinet Units (Includes All ADA Hardware), Add For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	588.90 84.56 -84.56 -42.28 -169.13 211.41 274.83 -63.42	83.08
06 41 13 00-0321			Wall Cabinets (06 41 13 00-0279)		
06 41 13 00-0322			Wall Cabinets 36" High x 13" Deep (06 41 13 00-0321)		
06 41 13 00-0323			Single Door Type Units (06 41 13 00-0322)		
06 41 13 00-0324	EA		Up To 15" Wide, 36" High x 13" Deep Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	239.83 -33.73 -16.86 -67.45 84.32 109.61 -25.29	56.96
06 41 13 00-0325	EA		>15" To 18" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	269.31 -39.32 -19.66 -78.63 98.29 127.78 -29.49	58.15
06 41 13 00-0326	EA		>18" To 24" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	299.89 -44.92 -22.46 -89.83 112.29 145.98 -33.69	60.13
06 41 13 00-0327	EA		>24" To 30" Wide, 36" High x 13" Deep Single Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	351.19 -53.90 -26.95 -107.80 134.75 175.18 -40.43	64.88
06 41 13 00-0328			Double Door Type Units (06 41 13 00-0322)		
06 41 13 00-0329	EA		Up To 24" Wide, 36" High x 13" Deep Double Door Wall Cabinet..... Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	308.91 -44.98 -22.49 -89.96 112.46 146.19 -33.74	66.46
06 41 13 00-0330	EA		>24" To 30" Wide, 36" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	363.06 -54.50 -27.25 -109.00 136.25 177.12 -40.87	72.79
06 41 13 00-0331	EA		>30" To 36" Wide, 36" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. For Plastic Laminate On Particle Board, Deduct Note: (Plastic Laminate On Hardwood For Doors) For Premium Grade Plywood With Plastic Laminate, Deduct For Economy Grade, Deduct For Premium Grade, Add For Hospital Grade, Add For Unfinished (Natural, Wood), Deduct	404.27 -62.28 -31.14 -124.57 155.71 202.42 -46.71	74.37

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0332	EA	>36" To 42" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	437.97	77.14
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-68.27	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-34.14	
		For Economy Grade, Deduct	-136.54	
		For Premium Grade, Add	170.68	
		For Hospital Grade, Add	221.88	
		For Unfinished (Natural, Wood), Deduct	-51.20	
06 41 13 00-0333	EA	>42" To 48" Wide, 36" High x 13" Deep Double Door Wall Cabinet.....	486.22	80.70
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-76.96	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-38.48	
		For Economy Grade, Deduct	-153.91	
		For Premium Grade, Add	192.39	
		For Hospital Grade, Add	250.11	
		For Unfinished (Natural, Wood), Deduct	-57.72	
06 41 13 00-0334		Wall Cabinets 30" High x 13" Deep (06 41 13 00-0321)		
06 41 13 00-0335		Single Door Type Units (06 41 13 00-0334)		
06 41 13 00-0336	EA	Up To 12" Wide, 30" High x 13" Deep Single Door Wall Cabinet.....	189.17	44.99
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-26.45	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-13.23	
		For Economy Grade, Deduct	-52.90	
		For Premium Grade, Add	66.13	
		For Hospital Grade, Add	85.96	
		For Unfinished (Natural, Wood), Deduct	-19.84	
06 41 13 00-0337	EA	>12" To 15" Wide, 30" High x 13" Deep Single Door Wall Cabinet.....	214.04	46.94
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-30.94	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.47	
		For Economy Grade, Deduct	-61.88	
		For Premium Grade, Add	77.36	
		For Hospital Grade, Add	100.56	
		For Unfinished (Natural, Wood), Deduct	-23.21	
06 41 13 00-0338	EA	>15" To 18" Wide, 30" High x 13" Deep Single Door Wall Cabinet.....	231.55	47.93
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-34.19	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-17.09	
		For Economy Grade, Deduct	-68.37	
		For Premium Grade, Add	85.47	
		For Hospital Grade, Add	111.10	
		For Unfinished (Natural, Wood), Deduct	-25.64	
06 41 13 00-0339	EA	>18" To 24" Wide, 30" High x 13" Deep Single Door Wall Cabinet.....	249.91	49.63
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-37.43	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-18.72	
		For Economy Grade, Deduct	-74.86	
		For Premium Grade, Add	93.58	
		For Hospital Grade, Add	121.65	
		For Unfinished (Natural, Wood), Deduct	-28.07	
06 41 13 00-0340		Double Door Type Units (06 41 13 00-0334)		
06 41 13 00-0341	EA	Up To 27" Wide, 30" High x 13" Deep Double Door Wall Cabinet	274.94	50.68
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-42.17	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-21.09	
		For Economy Grade, Deduct	-84.34	
		For Premium Grade, Add	105.43	
		For Hospital Grade, Add	137.06	
		For Unfinished (Natural, Wood), Deduct	-31.63	
06 41 13 00-0342	EA	>27" To 30" Wide, 30" High x 13" Deep Double Door Wall Cabinet.....	292.75	51.94
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-45.42	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-22.71	
		For Economy Grade, Deduct	-90.83	
		For Premium Grade, Add	113.54	
		For Hospital Grade, Add	147.60	
		For Unfinished (Natural, Wood), Deduct	-34.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0343	EA		>30" To 36" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	326.77 -51.90 -25.95 -103.81 129.76 168.69 -38.93	53.19
06 41 13 00-0344	EA		>36" To 42" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	353.30 -56.89 -28.45 -113.79 142.24 184.91 -42.67	54.44
06 41 13 00-0345	EA		>42" To 48" Wide, 30" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	390.27 -64.13 -32.07 -128.26 160.33 208.42 -48.10	55.07
06 41 13 00-0346		Wall Cabinets 24" High x 13" Deep (06 41 13 00-0321)			
06 41 13 00-0347		Double Door Type Units (06 41 13 00-0346)			
06 41 13 00-0348	EA		Up To 24" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	241.67 -37.93 -18.97 -75.86 94.83 123.27 -28.45	41.15
06 41 13 00-0349	EA		>24" To 30" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	257.97 -40.67 -20.34 -81.35 101.69 132.19 -30.51	43.12
06 41 13 00-0350	EA		>30" To 36" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	280.70 -44.92 -22.46 -89.83 112.29 145.98 -33.69	44.39
06 41 13 00-0351	EA		>36" To 42" Wide, 24" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	305.25 -49.66 -24.83 -99.32 124.15 161.39 -37.24	45.09
06 41 13 00-0352		Wall Cabinets 15" High x 13" Deep (06 41 13 00-0321)			
06 41 13 00-0353		Double Door Type Units (06 41 13 00-0352)			
06 41 13 00-0354	EA		Up To 24" Wide, 15" High x 13" Deep Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	214.16 -33.69 -16.84 -67.38 84.22 109.49 -25.27	36.15

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 41 13 00-0355	EA	>24" To 30" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....	226.23	38.77
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-35.43	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-17.72	
		For Economy Grade, Deduct	-70.87	
		For Premium Grade, Add	88.59	
		For Hospital Grade, Add	115.16	
		For Unfinished (Natural, Wood), Deduct	-26.58	
06 41 13 00-0356	EA	>30" To 36" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....	249.51	44.39
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-38.68	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-19.34	
		For Economy Grade, Deduct	-77.36	
		For Premium Grade, Add	96.70	
		For Hospital Grade, Add	125.70	
		For Unfinished (Natural, Wood), Deduct	-29.01	
06 41 13 00-0357	EA	>36" To 42" Wide, 15" High x 13" Deep Double Door Wall Cabinet.....	269.51	44.39
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-42.67	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-21.34	
		For Economy Grade, Deduct	-85.34	
		For Premium Grade, Add	106.68	
		For Hospital Grade, Add	138.68	
		For Unfinished (Natural, Wood), Deduct	-32.00	
06 41 13 00-0358		Wall Cabinets 12" High x 13" Deep (06 41 13 00-0321)		
06 41 13 00-0359	EA	18" to 30" Wide, 12" High x 13" Deep Double Door Wall Cabinet.....	200.38	24.36
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-30.19	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-15.10	
		For Economy Grade, Deduct	-60.39	
		For Premium Grade, Add	75.49	
		For Hospital Grade, Add	98.13	
		For Unfinished (Natural, Wood), Deduct	-22.65	
06 41 13 00-0360	EA	>30" Wide, 12" High x 13" Deep Double Door Wall Cabinet.....	233.65	18.27
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-35.43	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-17.72	
		For Economy Grade, Deduct	-70.87	
		For Premium Grade, Add	88.59	
		For Hospital Grade, Add	115.16	
		For Unfinished (Natural, Wood), Deduct	-26.58	
06 41 13 00-0361		Wall Cabinets 36" High x 13" Deep, Custom Built In Place (06 41 13 00-0321)		
06 41 13 00-0362		Single Door Type Units (06 41 13 00-0361)		
06 41 13 00-0363	LF	Up To 15" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet.....	220.33	60.13
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-26.98	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-13.49	
		For Economy Grade, Deduct	-53.96	
		For Premium Grade, Add	67.45	
		For Hospital Grade, Add	87.68	
		For Unfinished (Natural, Wood), Deduct	-20.23	
06 41 13 00-0364	LF	>15 To 18" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	203.84	50.64
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-26.21	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-13.11	
		For Economy Grade, Deduct	-52.42	
		For Premium Grade, Add	65.53	
		For Hospital Grade, Add	85.18	
		For Unfinished (Natural, Wood), Deduct	-19.66	
06 41 13 00-0365	LF	>18 To 24" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet	168.47	39.56
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		For Plastic Laminate On Particle Board, Deduct	-22.46	
		Note: (Plastic Laminate On Hardwood For Doors)		
		For Premium Grade Plywood With Plastic Laminate, Deduct	-11.23	
		For Economy Grade, Deduct	-44.92	
		For Premium Grade, Add	56.15	
		For Hospital Grade, Add	72.99	
		For Unfinished (Natural, Wood), Deduct	-16.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0366	LF		>24 To 30" Wide, 36" High x 13" Deep Built In Place Single Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	156.90 -21.57 -10.79 -43.14 53.93 70.10 -16.18	34.02
06 41 13 00-0367 Double Door Type Units (06 41 13 00-0361)					
06 41 13 00-0368	LF		Up To 24" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	175.73 -22.49 -11.24 -44.97 56.22 73.08 -16.86	44.31
06 41 13 00-0369	LF		>24" To 30" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	162.76 -21.79 -10.90 -43.58 54.48 70.82 -16.34	37.98
06 41 13 00-0370	LF		>30" To 36" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	150.49 -20.76 -10.38 -41.52 51.91 67.48 -15.57	32.44
06 41 13 00-0371	LF		>36" To 42" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	138.68 -19.51 -9.75 -39.01 48.77 63.39 -14.63	28.48
06 41 13 00-0372	LF		>42" To 48" Wide, 36" High x 13" Deep Built In Place Double Door Wall Cabinet Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	134.19 -19.24 -9.62 -38.48 48.11 62.54 -14.43	26.90
06 41 13 00-0373 Accessories (06 41 13 00-0279)					
See CSI section 06 41 93 00-0001 for cabinet hardware, 08 71 00 00-0000 for cabinet hardware.					
06 41 13 00-0374	EA		Wall Corner Cabinet With Shelving Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	309.68 -22.39 -11.20 -44.78 55.98 72.77 -16.79	88.97
06 41 13 00-0375	EA		Wall Lazy Susan With Cabinet Enclosure Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels. <i>For Plastic Laminate On Particle Board, Deduct</i> <i>Note: (Plastic Laminate On Hardwood For Doors)</i> <i>For Premium Grade Plywood With Plastic Laminate, Deduct</i> <i>For Economy Grade, Deduct</i> <i>For Premium Grade, Add</i> <i>For Hospital Grade, Add</i> <i>For Unfinished (Natural, Wood), Deduct</i>	440.81 -56.53 -28.26 -113.06 141.32 183.72 -42.40	71.18

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 41 13 00-0376	EA	Base Lazy Susan With Cabinet Enclosure.....	525.45	59.32
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-78.73	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-39.36	
		<i>For Economy Grade, Deduct</i>	-157.46	
		<i>For Premium Grade, Add</i>	196.82	
		<i>For Hospital Grade, Add</i>	255.87	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-59.05	
06 41 13 00-0377	EA	Broom Cabinet.....	562.00	50.85
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-89.80	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-44.90	
		<i>For Economy Grade, Deduct</i>	-179.61	
		<i>For Premium Grade, Add</i>	224.51	
		<i>For Hospital Grade, Add</i>	291.86	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-67.35	
06 41 13 00-0378	EA	Base Corner Cabinet.....	240.49	35.58
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-33.86	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.93	
		<i>For Economy Grade, Deduct</i>	-67.72	
		<i>For Premium Grade, Add</i>	84.66	
		<i>For Hospital Grade, Add</i>	110.05	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-25.40	
06 41 13 00-0379	EA	Base Range Cabinet.....	227.31	29.66
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-33.60	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.80	
		<i>For Economy Grade, Deduct</i>	-67.20	
		<i>For Premium Grade, Add</i>	84.00	
		<i>For Hospital Grade, Add</i>	109.19	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-25.20	
06 41 13 00-0380	EA	Double Oven Cabinet.....	299.17	35.58
		Note: Prefinished with solid hardwood face frames, hardwood door frames.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-45.60	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-22.80	
		<i>For Economy Grade, Deduct</i>	-91.20	
		<i>For Premium Grade, Add</i>	114.00	
		<i>For Hospital Grade, Add</i>	148.19	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-34.20	
06 41 13 00-0381	EA	Microwave Cabinet.....	203.45	23.73
		Note: Prefinished with solid hardwood face frames, hardwood door frames.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-31.20	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-15.60	
		<i>For Economy Grade, Deduct</i>	-62.40	
		<i>For Premium Grade, Add</i>	78.00	
		<i>For Hospital Grade, Add</i>	101.40	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-23.40	
06 41 13 00-0382	EA	30" Flipper Door And Cabinet.....	260.68	45.48
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-33.95	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-16.97	
		<i>For Economy Grade, Deduct</i>	-67.89	
		<i>For Premium Grade, Add</i>	84.87	
		<i>For Hospital Grade, Add</i>	110.32	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-25.46	
06 41 13 00-0383	EA	36" Flipper Door And Cabinet.....	277.78	45.48
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-37.37	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-18.68	
		<i>For Economy Grade, Deduct</i>	-74.73	
		<i>For Premium Grade, Add</i>	93.42	
		<i>For Hospital Grade, Add</i>	121.44	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-28.02	
06 41 13 00-0384	EA	48" Flipper Door And Cabinet.....	306.14	45.48
		Note: Prefinished with solid hardwood face frames, hardwood door frames. Hardwood veneer on raised door panels.		
		<i>For Plastic Laminate On Particle Board, Deduct</i>	-43.04	
		Note: (Plastic Laminate On Hardwood For Doors)		
		<i>For Premium Grade Plywood With Plastic Laminate, Deduct</i>	-21.52	
		<i>For Economy Grade, Deduct</i>	-86.08	
		<i>For Premium Grade, Add</i>	107.60	
		<i>For Hospital Grade, Add</i>	139.87	
		<i>For Unfinished (Natural, Wood), Deduct</i>	-32.28	
06 41 13 00-0385	EA	For Keyed Lock In Door Or Drawer.....	37.84	
06 41 13 00-0386	SET	Tamper-Proof Screw Sets Per Panel.....	8.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0387	EA		Rehab Room Cabinets 11,130.11 Note: Includes 2 End Towers 1 Middle Tower With Doors And Drawers, Corian Top With Open Sides, Upper Header With Curved Section, Trim And Crown, Hospital Grade Hardware.	11,130.11	
06 41 13 00-0388	EA		Hoist Cabinet With Panel And Trim 3,393.47	3,393.47	
06 41 13 00-0389	LF		Rehab Room Vertical And Horizontal Wall Trim 36.09 Note: Stained And Finished	36.09	
06 41 13 00-0390			Removal And Reinstallation Of Cabinet Or Counters (06 41 13) Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0391	LF		Remove And Reinstall Wood Base Cabinets 60.53	60.53	
06 41 13 00-0392	LF		Remove And Reinstall Wall Cabinets 52.63	52.63	
06 41 13 00-0393	LF		Remove And Reinstall Plastic Laminated Countertops 12.31	12.31	
06 41 93			Cabinet And Drawer Hardware (06 41)		
06 41 93 00-0001			Cabinet Hardware (06 41 93) Note: Includes all mounting screws.		
06 41 93 00-0002	EA		Hinges, Concealed, Steel, Full Or Half Overlay, Self Closing 19.42	19.42	7.91
06 41 93 00-0003	EA		Hinges, Semi Concealed, Brass 22.93	22.93	7.91
06 41 93 00-0004	EA		Pull Handles, Solid Brass 16.51	16.51	6.73
06 41 93 00-0005	EA		Pull Knobs, Solid Brass 15.35	15.35	5.14
06 41 93 00-0006	EA		Cabinet Ball And Catch 26.61	26.61	7.91
06 41 93 00-0007	EA		Cabinet Drawer Lock For Hollow Metal Drawers 32.78	32.78	6.73
06 41 93 00-0008	EA		Door Catch 23.43	23.43	6.73
06 41 93 00-0009	EA		Surface Bolt, Solid Brass 33.17	33.17	6.73
06 42			Wood Paneling (06 40) Note: Includes glue for installation.		
06 42 13			Wood Board Paneling (06 42)		
06 42 13 00-0001			Solid Wood Paneling (06 42 13)		
06 42 13 00-0002			7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)		
06 42 13 00-0003	SF		Homestead Cedar Paneling Tongue And Groove, 7/16" 6.51	6.51	1.66
06 42 13 00-0004	SF		Homestead Juniper Paneling Tongue And Groove, 7/16" 6.82	6.82	1.66
06 42 13 00-0005			7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)		
06 42 13 00-0006	SF		8" Random Plank Tongue And Groove, 7/16" 8.91	8.91	1.58
06 42 13 00-0007	SF		8" Solid Plank Tongue And Groove, 7/16" 8.27	8.27	1.58
06 42 13 00-0008			1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)		
06 42 13 00-0009	SF		Alder Wood Tongue And Groove Paneling, 1/2" 7.44	7.44	1.66
06 42 13 00-0010			1" Solid Wood Paneling, Shiplap, 6" To 8" Wide (06 42 13 00-0001)		
06 42 13 00-0011	SF		1" Teredo (Driftwood) Wood Shiplap 4.93	4.93	1.42
06 42 16			Flush Wood Paneling (06 42)		
06 42 16 00-0001			Veneer Hardboard Panels (06 42 16)		
06 42 16 00-0002	SF		1/4" Veneer Paneling (Mapes) 4.47 For Waterproof Glue, Add 0.08 For Ceiling Installation, Add 0.98	4.47	1.43
06 42 16 00-0003			Plywood Unfinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0004			Birch (06 42 16 00-0003)		
06 42 16 00-0005	SF		1/4" Unfinished Birch Plywood, Natural Faced With Trim 3.94 For Waterproof Glue, Add 0.07 For Ceiling Installation, Add 0.86 For Installation On Metal Studs Or Furring, Add 0.32 For Glue Laminated Installation, Add 0.20 For Lumber Core, Add 0.12 For 1/8" Thick Paneling, Deduct -0.38 For 1/2" Thick Paneling, Add 0.92 For 5/8" Thick Paneling, Add 1.15 For 3/4" Thick Paneling, Add 1.44 For Fire Retardant Treatment (Class I), Add 0.85	3.94	1.28
06 42 16 00-0006	SF		1/4" Unfinished Birch Plywood, Select With Trim 4.01 For Waterproof Glue, Add 0.08 For Ceiling Installation, Add 0.86 For Installation On Metal Studs Or Furring, Add 0.32 For Glue Laminated Installation, Add 0.20 For Lumber Core, Add 0.13 For 1/8" Thick Paneling, Deduct -0.39 For 1/2" Thick Paneling, Add 0.96 For 5/8" Thick Paneling, Add 1.20 For 3/4" Thick Paneling, Add 1.51 For Fire Retardant Treatment (Class I), Add 0.90	4.01	1.28

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 42 16 00-0007	Knotty Pine (06 42 16 00-0003)		
06 42 16 00-0008	SF 1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim.....	4.60	1.43
	For Waterproof Glue, Add	0.10	
	For Ceiling Installation, Add	0.96	
	For Installation On Metal Studs Or Furring, Add	0.35	
	For Glue Laminated Installation, Add	0.23	
	For Lumber Core, Add	0.16	
	For 1/8" Thick Paneling, Deduct	-0.46	
	For 1/2" Thick Paneling, Add	1.14	
	For 5/8" Thick Paneling, Add	1.44	
	For 3/4" Thick Paneling, Add	1.82	
	For Fire Retardant Treatment (Class I), Add	1.11	
06 42 16 00-0009	SF 1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim.....	4.53	1.43
	For Waterproof Glue, Add	0.09	
	For Ceiling Installation, Add	0.96	
	For Installation On Metal Studs Or Furring, Add	0.35	
	For Glue Laminated Installation, Add	0.23	
	For Lumber Core, Add	0.15	
	For 1/8" Thick Paneling, Deduct	-0.45	
	For 1/2" Thick Paneling, Add	1.11	
	For 5/8" Thick Paneling, Add	1.39	
	For 3/4" Thick Paneling, Add	1.75	
	For Fire Retardant Treatment (Class I), Add	1.06	
06 42 16 00-0010	Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)		
06 42 16 00-0011	SF 1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	4.49	1.59
	For Waterproof Glue, Add	0.06	
	For Ceiling Installation, Add	1.08	
	For Installation On Metal Studs Or Furring, Add	0.39	
	For Glue Laminated Installation, Add	0.22	
	For Lumber Core, Add	0.10	
	For 1/8" Thick Paneling, Deduct	-0.40	
	For 1/2" Thick Paneling, Add	0.92	
	For 5/8" Thick Paneling, Add	1.11	
	For 3/4" Thick Paneling, Add	1.35	
	For Fire Retardant Treatment (Class I), Add	0.71	
06 42 16 00-0012	SF 1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	4.51	1.59
	For Waterproof Glue, Add	0.06	
	For Ceiling Installation, Add	1.08	
	For Installation On Metal Studs Or Furring, Add	0.39	
	For Glue Laminated Installation, Add	0.23	
	For Lumber Core, Add	0.10	
	For 1/8" Thick Paneling, Deduct	-0.40	
	For 1/2" Thick Paneling, Add	0.93	
	For 5/8" Thick Paneling, Add	1.12	
	For 3/4" Thick Paneling, Add	1.37	
	For Fire Retardant Treatment (Class I), Add	0.73	
06 42 16 00-0013	Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0014	SF 1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	4.38	1.43
	For Flitch Matched Veneer, Add	0.60	
	For Second Grade Veneer, Deduct	-0.12	
	For Third Grade Veneer, Deduct	-0.18	
	For Waterproof Glue, Add	0.08	
	For Ceiling Installation, Add	0.96	
	For Installation On Metal Studs Or Furring, Add	0.35	
	For Glue Laminated Installation, Add	0.22	
	For Lumber Core, Add	0.13	
	For 1/8" Thick Paneling, Deduct	-0.42	
	For 1/2" Thick Paneling, Add	1.03	
	For 5/8" Thick Paneling, Add	1.28	
	For 3/4" Thick Paneling, Add	1.60	
	For Fire Retardant Treatment (Class I), Add	0.94	
06 42 16 00-0015	SF 1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim.....	4.91	1.43
	For Flitch Matched Veneer, Add	0.86	
	For Second Grade Veneer, Deduct	-0.17	
	For Third Grade Veneer, Deduct	-0.26	
	For Waterproof Glue, Add	0.12	
	For Ceiling Installation, Add	0.96	
	For Installation On Metal Studs Or Furring, Add	0.35	
	For Glue Laminated Installation, Add	0.25	
	For Lumber Core, Add	0.19	
	For 1/8" Thick Paneling, Deduct	-0.51	
	For 1/2" Thick Paneling, Add	1.31	
	For 5/8" Thick Paneling, Add	1.67	
	For 3/4" Thick Paneling, Add	2.14	
	For Fire Retardant Treatment (Class I), Add	1.36	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim.....	7.52	1.43
		For Fitch Matched Veneer, Add	1.85	
		For Second Grade Veneer, Deduct	-0.37	
		For Third Grade Veneer, Deduct	-0.56	
		For Waterproof Glue, Add	0.26	
		For Ceiling Installation, Add	1.15	
		For Installation On Metal Studs Or Furring, Add	0.42	
		For Glue Laminated Installation, Add	0.38	
		For Lumber Core, Add	0.41	
		For 1/8" Thick Paneling, Deduct	-0.89	
		For 1/2" Thick Paneling, Add	2.46	
		For 5/8" Thick Paneling, Add	3.23	
		For 3/4" Thick Paneling, Add	4.23	
		For Fire Retardant Treatment (Class I), Add	2.92	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	3.65	1.43
		For Fitch Matched Veneer, Add	0.40	
		For Second Grade Veneer, Deduct	-0.08	
		For Third Grade Veneer, Deduct	-0.12	
		For Waterproof Glue, Add	0.06	
		For Ceiling Installation, Add	0.86	
		For Installation On Metal Studs Or Furring, Add	0.31	
		For Glue Laminated Installation, Add	0.18	
		For Lumber Core, Add	0.09	
		For 1/8" Thick Paneling, Deduct	-0.33	
		For 1/2" Thick Paneling, Add	0.77	
		For 5/8" Thick Paneling, Add	0.94	
		For 3/4" Thick Paneling, Add	1.15	
		For Fire Retardant Treatment (Class I), Add	0.62	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim.....	6.57	1.43
		For Fitch Matched Veneer, Add	1.49	
		For Second Grade Veneer, Deduct	-0.30	
		For Third Grade Veneer, Deduct	-0.45	
		For Waterproof Glue, Add	0.21	
		For Ceiling Installation, Add	1.08	
		For Installation On Metal Studs Or Furring, Add	0.39	
		For Glue Laminated Installation, Add	0.33	
		For Lumber Core, Add	0.33	
		For 1/8" Thick Paneling, Deduct	-0.75	
		For 1/2" Thick Paneling, Add	2.04	
		For 5/8" Thick Paneling, Add	2.67	
		For 3/4" Thick Paneling, Add	3.47	
		For Fire Retardant Treatment (Class I), Add	2.35	
06 42 16 00-0019	SF	1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	4.51	1.43
		For Fitch Matched Veneer, Add	0.66	
		For Second Grade Veneer, Deduct	-0.13	
		For Third Grade Veneer, Deduct	-0.20	
		For Waterproof Glue, Add	0.09	
		For Ceiling Installation, Add	0.96	
		For Installation On Metal Studs Or Furring, Add	0.35	
		For Glue Laminated Installation, Add	0.23	
		For Lumber Core, Add	0.15	
		For 1/8" Thick Paneling, Deduct	-0.44	
		For 1/2" Thick Paneling, Add	1.10	
		For 5/8" Thick Paneling, Add	1.37	
		For 3/4" Thick Paneling, Add	1.73	
		For Fire Retardant Treatment (Class I), Add	1.04	
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	5.33	1.43
		For Fitch Matched Veneer, Add	0.87	
		For Second Grade Veneer, Deduct	-0.17	
		For Third Grade Veneer, Deduct	-0.26	
		For Waterproof Glue, Add	0.12	
		For Ceiling Installation, Add	1.08	
		For Installation On Metal Studs Or Furring, Add	0.39	
		For Glue Laminated Installation, Add	0.27	
		For Lumber Core, Add	0.19	
		For 1/8" Thick Paneling, Deduct	-0.54	
		For 1/2" Thick Paneling, Add	1.37	
		For 5/8" Thick Paneling, Add	1.74	
		For 3/4" Thick Paneling, Add	2.21	
		For Fire Retardant Treatment (Class I), Add	1.37	
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	8.71	1.43
		For Fitch Matched Veneer, Add	2.11	
		For Second Grade Veneer, Deduct	-0.42	
		For Third Grade Veneer, Deduct	-0.63	
		For Waterproof Glue, Add	0.30	
		For Ceiling Installation, Add	1.35	
		For Installation On Metal Studs Or Furring, Add	0.49	
		For Glue Laminated Installation, Add	0.44	
		For Lumber Core, Add	0.46	
		For 1/8" Thick Paneling, Deduct	-1.02	
		For 1/2" Thick Paneling, Add	2.82	
		For 5/8" Thick Paneling, Add	3.70	
		For 3/4" Thick Paneling, Add	4.84	
		For Fire Retardant Treatment (Class I), Add	3.33	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	6.56	1.43
		<i>For Flitch Matched Veneer, Add</i>	1.49	
		<i>For Second Grade Veneer, Deduct</i>	-0.30	
		<i>For Third Grade Veneer, Deduct</i>	-0.45	
		<i>For Waterproof Glue, Add</i>	0.21	
		<i>For Ceiling Installation, Add</i>	1.08	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.39	
		<i>For Glue Laminated Installation, Add</i>	0.33	
		<i>For Lumber Core, Add</i>	0.33	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.75	
		<i>For 1/2" Thick Paneling, Add</i>	2.03	
		<i>For 5/8" Thick Paneling, Add</i>	2.66	
		<i>For 3/4" Thick Paneling, Add</i>	3.46	
		<i>For Fire Retardant Treatment (Class I), Add</i>	2.35	
06 42 16 00-0023	SF	1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	5.72	1.43
		<i>For Flitch Matched Veneer, Add</i>	1.27	
		<i>For Second Grade Veneer, Deduct</i>	-0.25	
		<i>For Third Grade Veneer, Deduct</i>	-0.38	
		<i>For Waterproof Glue, Add</i>	0.18	
		<i>For Ceiling Installation, Add</i>	0.96	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.35	
		<i>For Glue Laminated Installation, Add</i>	0.29	
		<i>For Lumber Core, Add</i>	0.28	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.65	
		<i>For 1/2" Thick Paneling, Add</i>	1.75	
		<i>For 5/8" Thick Paneling, Add</i>	2.28	
		<i>For 3/4" Thick Paneling, Add</i>	2.96	
		<i>For Fire Retardant Treatment (Class I), Add</i>	2.00	
06 42 16 00-0024	SF	1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim.....	4.53	1.43
		<i>For Flitch Matched Veneer, Add</i>	0.67	
		<i>For Second Grade Veneer, Deduct</i>	-0.13	
		<i>For Third Grade Veneer, Deduct</i>	-0.20	
		<i>For Waterproof Glue, Add</i>	0.09	
		<i>For Ceiling Installation, Add</i>	0.96	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.35	
		<i>For Glue Laminated Installation, Add</i>	0.23	
		<i>For Lumber Core, Add</i>	0.15	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.45	
		<i>For 1/2" Thick Paneling, Add</i>	1.11	
		<i>For 5/8" Thick Paneling, Add</i>	1.39	
		<i>For 3/4" Thick Paneling, Add</i>	1.75	
		<i>For Fire Retardant Treatment (Class I), Add</i>	1.06	

06 42 16 00-0025 Accessories (06 42 16)

06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt.....	15.49	
------------------	----	--	-------	--

06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)**06 42 19 00-0001 Plastic Laminate (06 42 19)**

Note: Standard colors and patterns.

06 42 19 00-0002	SF	1/16" Plastic Laminate Faced Panel	6.12	2.77
------------------	----	--	------	------

Note: Includes cutting to fit.

06 43 Wood Stairs And Railings (06 40)**06 43 13 Wood Stairs (06 43)****06 43 13 00-0001 Stair Parts (06 43 13)**

06 43 13 00-0002	EA	30" Baluster, Pine	34.33	16.05
06 43 13 00-0003	EA	30" Baluster, Birch	39.22	16.05
06 43 13 00-0004	EA	42" Baluster, Pine	38.06	16.60
06 43 13 00-0005	EA	42" Baluster, Birch	43.27	16.60
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting.....	187.90	63.11
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing.....	273.14	88.58
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser.....	121.22	55.36
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.17	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser.....	140.07	60.81
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.98	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn.....	23.22	8.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.73	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread.....	28.18	4.67
		<i>For Beech, Add</i>	5.67	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.13	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread.....	33.55	4.67
		<i>For Beech, Add</i>	7.28	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.13	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	16.90	4.67
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.13	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser.....	22.06	4.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.23	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	20.92	4.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.23	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser.....	13.59	4.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.23	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser.....	13.23	4.82
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.23	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing.....	28.55	

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

06 43 13 00-0019 Interior Box Stairs (06 43 13)					
Note: Factory cut and assembled straight closed box stairs, unfinished.					
06 43 13 00-0020	EA		30" Wide Pine Box Stair, Per Riser.....	161.35	48.16
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	15.82	
			For Prefinished Stair Rail With Balusters And Newel, Add	64.64	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	20.60	
			For Oak Or Maple Treads, Add	41.65	
06 43 13 00-0021	EA		32" Wide Pine Box Stair, Per Riser.....	170.20	49.27
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.18	
			For Prefinished Stair Rail With Balusters And Newel, Add	65.11	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	20.80	
			For Oak Or Maple Treads, Add	44.93	
06 43 13 00-0022	EA		34" Wide Pine Box Stair, Per Riser.....	178.30	49.83
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.37	
			For Prefinished Stair Rail With Balusters And Newel, Add	65.35	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	20.90	
			For Oak Or Maple Treads, Add	48.21	
06 43 13 00-0023	EA		36" Wide Pine Box Stair, Per Riser.....	187.61	50.38
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.55	
			For Prefinished Stair Rail With Balusters And Newel, Add	65.58	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	20.99	
			For Oak Or Maple Treads, Add	52.05	
06 43 13 00-0024	EA		38" Wide Pine Box Stair, Per Riser.....	193.25	50.93
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.73	
			For Prefinished Stair Rail With Balusters And Newel, Add	65.82	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.09	
			For Oak Or Maple Treads, Add	54.23	
06 43 13 00-0025	EA		40" Wide Pine Box Stair, Per Riser.....	199.67	52.04
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.10	
			For Prefinished Stair Rail With Balusters And Newel, Add	66.30	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.29	
			For Oak Or Maple Treads, Add	56.40	
06 43 13 00-0026	EA		42" Wide Pine Box Stair, Per Riser.....	205.30	52.59
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.28	
			For Prefinished Stair Rail With Balusters And Newel, Add	66.54	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.39	
			For Oak Or Maple Treads, Add	58.58	
06 43 13 00-0027	EA		44" Wide Pine Box Stair, Per Riser.....	210.93	53.15
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.46	
			For Prefinished Stair Rail With Balusters And Newel, Add	66.78	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.49	
			For Oak Or Maple Treads, Add	60.75	
06 43 13 00-0028	EA		46" Wide Pine Box Stair, Per Riser.....	216.52	53.70
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	17.64	
			For Prefinished Stair Rail With Balusters And Newel, Add	67.01	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.59	
			For Oak Or Maple Treads, Add	62.92	
06 43 13 00-0029	EA		48" Wide Pine Box Stair, Per Riser.....	223.70	55.36
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.19	
			For Prefinished Stair Rail With Balusters And Newel, Add	67.73	
			For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	21.89	
			For Oak Or Maple Treads, Add	65.07	

06 43 16 Wood Railings (06 43)

06 43 16 00-0001 Handrails (06 43 16)					
06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)					
Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.					
06 43 16 00-0003	LF		1-1/2" x 1-11/16", Wood Handrail With Brackets.....	11.67	3.95
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.82	
06 43 16 00-0004	LF		1-7/8" x 2-5/8", Wood Handrail With Brackets.....	12.42	3.95
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.82	
06 43 16 00-0005	LF		1-1/2" Diameter, Wood Handrail With Brackets.....	14.95	3.95
06 43 16 00-0006	LF		1-3/4" Diameter, Wood Handrail With Brackets.....	15.58	3.95
06 43 16 00-0007	LF		2" Diameter, Wood Handrail With Brackets.....	17.85	3.95
06 43 16 00-0008	LF		2-1/2" Diameter, Wood Handrail With Brackets.....	24.86	3.95

06 44 Ornamental Woodwork (06 40)
06 44 39 Wood Posts And Columns (06 44)

06 44 39 00-0001 Columns (06 44 39)					
06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)					
Note: Paint grade/finger jointed pine.					
06 44 39 00-0003	LF		6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	39.09	5.46
06 44 39 00-0004	LF		8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	49.75	7.97
06 44 39 00-0005	LF		10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	60.38	9.24
06 44 39 00-0006	LF		12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	71.20	9.66
06 44 39 00-0007	LF		14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	151.29	10.91
06 44 39 00-0008	LF		16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	175.02	11.76
06 44 39 00-0009	LF		18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	209.50	12.60
06 44 39 00-0010	LF		20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	248.91	13.43
06 44 39 00-0011	LF		6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	44.36	5.46
06 44 39 00-0012	LF		8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	53.98	7.97

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	66.22	9.24
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	77.44	9.66
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	163.96	10.91
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	220.49	11.76
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	237.67	12.60
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	267.01	13.43
06 44 39 00-0019 Pine Colonial Columns, Round Non Tapered With Cap And Base (06 44 39 00-0001)				
Note: Paint grade/finger jointed pine.				
06 44 39 00-0020	LF	6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	46.17	5.46
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	57.80	7.97
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	70.85	9.24
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	84.28	9.66
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	184.11	10.91
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	213.45	11.76
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	256.24	12.60
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	305.20	13.43
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	52.77	5.46
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	63.58	7.97
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	78.41	9.24
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	92.29	9.66
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	199.98	10.91
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	270.46	11.76
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	291.55	12.60
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non Tapered With Cap And Base.....	327.92	13.43
06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)				
Note: Paint grade/finger jointed pine.				
06 44 39 00-0037	LF	6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	41.59	5.46
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	52.77	7.97
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	64.17	9.24
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	75.90	9.66
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	47.34	5.46
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	57.37	7.97
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	70.53	9.24
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	82.69	9.66
06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)				
Note: Paint grade/finger jointed redwood.				
06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	62.67	5.46
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	76.31	7.97
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	94.39	9.24
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	114.26	9.66
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	71.52	5.46
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	85.77	7.97
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	105.46	9.24
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	128.75	9.66
06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)				
Note: For tapered wood columns.				
06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base.....	191.69	11.33
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base.....	286.76	12.60
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base.....	397.60	14.69
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base.....	506.42	16.79
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base.....	171.57	11.33
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base.....	236.46	12.60
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base.....	292.98	14.69
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base.....	381.67	16.79
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base.....	180.45	11.76
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base.....	236.46	12.60
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base.....	292.98	14.69
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base.....	371.61	16.79
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base.....	182.47	11.76
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base.....	256.58	12.60
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base.....	303.04	14.69
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base.....	413.87	16.79
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base.....	182.47	11.76
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base.....	278.71	12.60
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base.....	367.42	14.69
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base.....	454.11	16.79
06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)				
Note: For tapered wood columns.				
06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base.....	378.81	11.33
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base.....	425.60	12.60
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base.....	540.46	14.69
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base.....	594.96	16.79
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base.....	254.06	11.33
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base.....	294.81	12.60
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base.....	363.40	14.69

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

06 44 39 00-0083	EA		12" Plaster Greek Erectheum Cap And Base	456.12	16.79
06 44 39 00-0084	EA		6" Plaster Roman Ionic Capital And Base.....	244.84	11.76
06 44 39 00-0085	EA		8" Plaster Roman Ionic Capital And Base.....	318.96	12.60
06 44 39 00-0086	EA		10" Plaster Roman Ionic Capital And Base.....	385.53	14.69
06 44 39 00-0087	EA		12" Plaster Roman Ionic Capital And Base.....	456.12	16.79
06 44 39 00-0088	EA		6" Plaster Scamozzi Capital And Base.....	289.11	11.76
06 44 39 00-0089	EA		8" Plaster Scamozzi Capital And Base.....	381.33	12.60
06 44 39 00-0090	EA		10" Plaster Scamozzi Capital And Base.....	429.80	14.69
06 44 39 00-0091	EA		12" Plaster Scamozzi Capital And Base.....	544.65	16.79
06 44 39 00-0092	EA		6" Plaster Temple Of Winds Cap And Base.....	244.84	11.76
06 44 39 00-0093	EA		8" Plaster Temple Of Winds Cap And Base.....	314.93	12.60
06 44 39 00-0094	EA		10" Plaster Temple Of Winds Cap And Base.....	409.68	14.69
06 44 39 00-0095	EA		12" Plaster Temple Of Winds Cap And Base.....	522.52	16.79
06 44 39 00-0096	EA		6" Plaster Empire Capital And Base.....	275.02	11.76
06 44 39 00-0097	EA		8" Plaster Empire Capital And Base.....	335.05	12.60
06 44 39 00-0098	EA		10" Plaster Empire Capital And Base.....	407.67	14.69
06 44 39 00-0099	EA		12" Plaster Empire Capital And Base.....	456.12	16.79

06 46 Wood Trim (06 40)
06 46 13 Wood Door and Window Casings (06 46)
06 46 13 00-0001 Door and Window Casings (06 46 13)

06 46 13 00-0002	LF		1-1/8" Wide Plain Pine Door And Window Molding.....	3.44	1.27
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.65	
06 46 13 00-0003	LF		1-1/8" Wide Detailed Pine Door And Window Molding.....	3.46	1.27
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.65	
06 46 13 00-0004	LF		2-1/2" Wide Pine Complete Door And Window Trim.....	4.12	1.27
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.65	

06 46 19 Wood Base And Shoe Moldings (06 46)
06 46 19 00-0001 Base And Shoe Molding (06 46 19)

06 46 19 00-0002	LF		1/2" x 1/2" Pine Quarter Round Trim	3.66	1.50
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 19 00-0003	LF		3/4" x 3/4" Pine Quarter Round Trim	3.85	1.50
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 19 00-0004	LF		3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	4.36	0.95
			<i>For Clear Birch, Add</i>	0.38	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	0.86	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.22	
			<i>For Clear Poplar, Add</i>	0.24	
06 46 19 00-0005	LF		4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	5.33	1.19
			<i>For Clear Birch, Add</i>	0.44	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.02	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.25	
			<i>For Clear Poplar, Add</i>	0.28	
06 46 19 00-0006	LF		5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	6.48	1.35
			<i>For Clear Birch, Add</i>	0.68	
			<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.39	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.38	
			<i>For Clear Poplar, Add</i>	0.43	
06 46 19 00-0007	LF		3/4" x 1" Oak Base Shoe	4.34	1.50
06 46 19 00-0008	LF		3/4" x 1" White Pine Base Shoe, Stain Grade.....	4.23	1.50
06 46 19 00-0009	LF		3/4" x 1" White Pine Base Shoe, Paint Grade.....	3.99	1.50

06 46 23 Wood Chair Rails (06 46)
06 46 23 00-0001 Chair Rails (06 46 23)

06 46 23 00-0002	LF		5/8" x 2-1/2" White Pine Shaped Chair Rail.....	5.12	1.42
			<i>For Birch, Add</i>	0.63	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.20	
			<i>For Poplar, Add</i>	0.39	
06 46 23 00-0003	LF		5/8" x 3-1/2" White Pine Shaped Chair Rail.....	6.12	1.42
			<i>For Birch, Add</i>	0.95	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.65	
			<i>For Poplar, Add</i>	0.59	
06 46 23 00-0004	LF		1/2" x 1-5/8" White Pine Shaped Chair Rail.....	3.82	1.42
			<i>For Birch, Add</i>	0.46	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.89	
			<i>For Poplar, Add</i>	0.29	

06 46 26 Wood Cornices (06 46)
06 46 26 00-0001 Wood Cornices (06 46 26)

06 46 26 00-0002	LF		1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	4.06	1.42
			<i>For Birch, Add</i>	0.32	
			<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	0.72	
			<i>For Poplar, Add</i>	0.41	
06 46 26 00-0003	LF		1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	4.91	1.50
			<i>For Birch, Add</i>	0.58	
			<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.06	
			<i>For Poplar, Add</i>	0.73	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 26 00-0004	LF	1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	6.52	1.58
		<i>For Birch, Add</i>	1.11	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.73	
		<i>For Poplar, Add</i>	1.39	
06 46 26 00-0005	LF	1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	7.42	1.58
		<i>For Birch, Add</i>	1.38	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.08	
		<i>For Poplar, Add</i>	1.72	
06 46 26 00-0006	LF	1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	8.46	1.66
		<i>For Birch, Add</i>	1.69	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.49	
		<i>For Poplar, Add</i>	2.12	
06 46 26 00-0007	LF	1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	10.64	1.82
		<i>For Birch, Add</i>	2.41	
		<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	3.41	
		<i>For Poplar, Add</i>	3.01	

06 46 29 Wood Fasciae And Soffits (06 46)**06 46 29 00-0001 Fascia Board (06 46 29)****06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)**

06 46 29 00-0003	LF	1" x 6" Pine Fascia Board.....	3.72	1.58
06 46 29 00-0004	LF	1" x 8" Pine Fascia Board.....	4.26	1.75
06 46 29 00-0005	LF	1" x 10" Pine Fascia Board.....	4.60	1.84
06 46 29 00-0006	LF	1" x 12" Pine Fascia Board.....	5.43	2.06
06 46 29 00-0007	LF	2" x 6" Pine Fascia Board.....	3.68	1.58
06 46 29 00-0008	LF	2" x 8" Pine Fascia Board.....	4.20	1.75
06 46 29 00-0009	LF	2" x 10" Pine Fascia Board.....	4.69	1.84
06 46 29 00-0010	LF	2" x 12" Pine Fascia Board.....	5.69	2.06

06 46 29 00-0011 Cedar Fascia Board (06 46 29 00-0001)

06 46 29 00-0012	LF	1" x 6" Cedar Fascia Board.....	3.99	1.58
06 46 29 00-0013	LF	1" x 8" Cedar Fascia Board.....	4.67	1.75
06 46 29 00-0014	LF	1" x 10" Cedar Fascia Board.....	5.41	1.84
06 46 29 00-0015	LF	1" x 12" Cedar Fascia Board.....	6.56	2.06

06 46 29 00-0016 Engineered Wood Fascia Board (06 46 29 00-0001)

06 46 29 00-0017	LF	1" x 6" Engineered Wood Fascia Board.....	3.57	1.58
06 46 29 00-0018	LF	1" x 8" Engineered Wood Fascia Board.....	4.05	1.75
06 46 29 00-0019	LF	1" x 12" Engineered Wood Fascia Board.....	4.94	2.06

06 46 29 00-0020 Soffit (06 46 29)**06 46 29 00-0021 Sanded Plywood Soffit (06 46 29 00-0020)**

06 46 29 00-0022	SF	3/8" Thick, Sanded Plywood Soffit.....	3.27	1.20
06 46 29 00-0023	SF	1/2" Thick, Sanded Plywood Soffit.....	3.59	1.26
06 46 29 00-0024	SF	5/8" Thick, Sanded Plywood Soffit.....	3.77	1.32
06 46 29 00-0025	SF	3/4" Thick, Sanded Plywood Soffit.....	4.19	1.39

06 46 29 00-0026 MDO Plywood Soffit (06 46 29 00-0020)

06 46 29 00-0027	SF	3/8" Thick, MDO Plywood Soffit.....	3.67	1.20
06 46 29 00-0028	SF	1/2" Thick, MDO Plywood Soffit.....	4.10	1.26
06 46 29 00-0029	SF	3/4" Thick, MDO Plywood Soffit.....	5.17	1.39

06 46 29 00-0030 Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0020)

06 46 29 00-0031	SF	1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	2.59	1.05
06 46 29 00-0032	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	2.80	1.10

06 46 36 Custom Wood Molding (06 46)

Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.

06 46 36 00-0001 Basswood (06 46 36)

06 46 36 00-0002	LF	3/4" x 1-1/2" Custom Shaped Basswood.....	4.13	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.64	
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Basswood.....	4.88	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Basswood.....	5.65	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Basswood.....	6.40	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Basswood.....	7.25	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Basswood.....	8.10	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Basswood.....	8.85	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Basswood.....	9.63	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.35 0.84	1.11
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.21 0.88	1.19
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.00 0.91	1.19
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.61 0.66	0.87
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.56 0.68	0.87
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.51 0.70	0.95
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.47 0.72	0.95
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.53 0.76	1.03
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.56 0.80	1.03
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.51 0.82	1.11
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.48 0.84	1.11
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.42 0.86	1.11
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.47 0.90	1.19
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.46 0.93	1.19
06 46 36 00-0024	LF	1-1/2" x 1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.01 0.68	0.87
06 46 36 00-0025	LF	1-1/2" x 2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.63 0.70	0.87
06 46 36 00-0026	LF	1-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.25 0.72	0.95
06 46 36 00-0027	LF	1-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.88 0.74	0.95
06 46 36 00-0028	LF	1-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.59 0.78	1.03
06 46 36 00-0029	LF	1-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.29 0.82	1.11
06 46 36 00-0030	LF	1-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.90 0.84	1.11
06 46 36 00-0031	LF	1-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.55 0.86	1.11
06 46 36 00-0032	LF	1-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.13 0.87	1.11
06 46 36 00-0033	LF	1-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.86 0.92	1.19
06 46 36 00-0034	LF	1-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.52 0.95	1.27
06 46 36 00-0035	LF	3-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.03 0.78	1.03
06 46 36 00-0036	LF	3-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.59 0.82	1.03
06 46 36 00-0037	LF	3-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.08 0.84	1.11
06 46 36 00-0038	LF	3-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.72 0.89	1.19
06 46 36 00-0039	LF	3-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.21 0.91	1.19
06 46 36 00-0040	LF	3-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.83 0.95	1.27
06 46 36 00-0041	LF	3-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.26 0.96	1.27
06 46 36 00-0042	LF	3-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.75 0.98	1.27
06 46 36 00-0043	LF	3-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.40 1.04	1.35
06 46 36 00-0044		Clear Western Cedar <small>(06 46 36)</small>		
06 46 36 00-0045	LF	3/4" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.37 0.64	0.87
06 46 36 00-0046	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.24 0.66	0.87
06 46 36 00-0047	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.13 0.68	0.87
06 46 36 00-0048	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.00 0.70	0.95
06 46 36 00-0049	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.97 0.74	0.95
06 46 36 00-0050	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.94 0.78	1.03
06 46 36 00-0051	LF	1" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.02 0.66	0.87
06 46 36 00-0052	LF	1" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.18 0.68	0.87
06 46 36 00-0053	LF	1" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.35 0.70	0.95

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0054	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	8.52	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0055	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	9.78	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0056	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	11.03	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0057	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	6.29	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0058	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	8.06	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0059	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	9.83	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0060	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	11.59	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0061	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	13.45	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0062	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	15.30	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0063	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	6.47	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69	
06 46 36 00-0064	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	8.28	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0065	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	10.10	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0066	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	11.91	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0067	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	13.74	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0068	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	15.71	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0069	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	18.73	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0070	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	22.71	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0071	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	26.64	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0072	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	30.70	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0073	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	34.61	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
06 46 36 00-0074	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	38.60	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0075	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	42.52	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.96	
06 46 36 00-0076	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	46.43	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0077	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	50.50	1.35
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	

06 46 36 00-0078 Cherry (06 46 36)

06 46 36 00-0079	LF	3/4" x 1-1/2" Custom Shaped Cherry	5.14	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.64	
06 46 36 00-0080	LF	3/4" x 2-1/2" Custom Shaped Cherry	6.39	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0081	LF	3/4" x 3-1/2" Custom Shaped Cherry	7.66	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0082	LF	3/4" x 4-1/2" Custom Shaped Cherry	8.92	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0083	LF	3/4" x 5-1/2" Custom Shaped Cherry	10.27	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0084	LF	3/4" x 6-1/2" Custom Shaped Cherry	11.63	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0085	LF	3/4" x 7-1/2" Custom Shaped Cherry	12.87	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0086	LF	3/4" x 8-1/2" Custom Shaped Cherry	14.15	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	
06 46 36 00-0087	LF	3/4" x 9-1/2" Custom Shaped Cherry	15.38	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0088	LF	3/4" x 10-1/2" Custom Shaped Cherry	16.74	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0089	LF	3/4" x 11-1/2" Custom Shaped Cherry	18.03	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
06 46 36 00-0090	LF	1" x 1-1/2" Custom Shaped Cherry	5.97	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0091	LF	1" x 2-1/2" Custom Shaped Cherry	7.62	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0092	LF	1" x 3-1/2" Custom Shaped Cherry	9.27	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0093	LF	1" x 4-1/2" Custom Shaped Cherry	10.91	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0094	LF	1" x 5-1/2" Custom Shaped Cherry	12.65	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0095	LF	1" x 6-1/2" Custom Shaped Cherry	14.38	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0096	LF	1" x 7-1/2" Custom Shaped Cherry	16.02	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0097	LF	1" x 8-1/2" Custom Shaped Cherry	17.71	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0098	LF		1" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.29 0.86	1.11
06 46 36 00-0099	LF		1" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.04 0.90	1.19
06 46 36 00-0100	LF		1" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.72 0.93	1.19
06 46 36 00-0101	LF		1-1/4" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.89 0.68	0.87
06 46 36 00-0102	LF		1-1/4" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.97 0.70	0.87
06 46 36 00-0103	LF		1-1/4" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.02 0.72	0.95
06 46 36 00-0104	LF		1-1/4" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.10 0.74	0.95
06 46 36 00-0105	LF		1-1/4" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.25 0.78	1.03
06 46 36 00-0106	LF		1-1/4" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.41 0.82	1.03
06 46 36 00-0107	LF		1-1/4" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.45 0.84	1.11
06 46 36 00-0108	LF		1-1/4" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.55 0.86	1.11
06 46 36 00-0109	LF		1-1/4" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.56 0.87	1.11
06 46 36 00-0110	LF		1-1/4" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.75 0.92	1.19
06 46 36 00-0111	LF		1-1/4" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.83 0.95	1.27
06 46 36 00-0112	LF		1-1/2" x 1-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.58 0.69	0.87
06 46 36 00-0113	LF		1-1/2" x 2-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.45 0.72	0.95
06 46 36 00-0114	LF		1-1/2" x 3-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.31 0.74	0.95
06 46 36 00-0115	LF		1-1/2" x 4-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.18 0.76	1.03
06 46 36 00-0116	LF		1-1/2" x 5-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.06 0.78	1.03
06 46 36 00-0117	LF		1-1/2" x 6-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.09 0.84	1.11
06 46 36 00-0118	LF		1-1/2" x 7-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.95 0.86	1.11
06 46 36 00-0119	LF		1-1/2" x 8-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.84 0.88	1.11
06 46 36 00-0120	LF		1-1/2" x 9-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.66 0.89	1.19
06 46 36 00-0121	LF		1-1/2" x 10-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.69 0.94	1.19
06 46 36 00-0122	LF		1-1/2" x 11-1/2" Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.54 0.97	1.27
06 46 36 00-0123 Cypress (06 46 36)					
06 46 36 00-0124	LF		3/4" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.13 0.64	0.87
06 46 36 00-0125	LF		3/4" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.88 0.66	0.87
06 46 36 00-0126	LF		3/4" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.65 0.68	0.87
06 46 36 00-0127	LF		3/4" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.40 0.70	0.95
06 46 36 00-0128	LF		3/4" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.25 0.74	0.95
06 46 36 00-0129	LF		3/4" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.10 0.78	1.03
06 46 36 00-0130	LF		3/4" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.04 0.80	1.03
06 46 36 00-0131	LF		3/4" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.84 0.83	1.03
06 46 36 00-0132	LF		3/4" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.31 0.84	1.11
06 46 36 00-0133	LF		3/4" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.26 0.88	1.11
06 46 36 00-0134	LF		1" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.21 0.66	0.87
06 46 36 00-0135	LF		1" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.45 0.68	0.87
06 46 36 00-0136	LF		1" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.71 0.70	0.95
06 46 36 00-0137	LF		1" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.97 0.72	0.95
06 46 36 00-0138	LF		1" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.33 0.76	1.03
06 46 36 00-0139	LF		1" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.65 0.80	1.03
06 46 36 00-0140	LF		1" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.90 0.82	1.03
06 46 36 00-0141	LF		1" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.19 0.84	1.11

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0142	LF	1" x 9-1/2" Custom Shaped Cypress.....	15.41	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0143	LF	1" x 10-1/2" Custom Shaped Cypress.....	16.80	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0144	LF	1" x 11-1/2" Custom Shaped Cypress.....	18.05	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0145	LF	1-1/2" x 1-1/2" Custom Shaped Cypress	5.99	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69	
06 46 36 00-0146	LF	1-1/2" x 2-1/2" Custom Shaped Cypress	7.57	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0147	LF	1-1/2" x 3-1/2" Custom Shaped Cypress	9.14	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0148	LF	1-1/2" x 4-1/2" Custom Shaped Cypress	10.72	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0149	LF	1-1/2" x 5-1/2" Custom Shaped Cypress	12.30	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0150	LF	1-1/2" x 6-1/2" Custom Shaped Cypress	14.04	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0151	LF	1-1/2" x 7-1/2" Custom Shaped Cypress	15.60	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0152	LF	1-1/2" x 8-1/2" Custom Shaped Cypress	17.20	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0153	LF	1-1/2" x 9-1/2" Custom Shaped Cypress	20.16	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0154	LF	1-1/2" x 10-1/2" Custom Shaped Cypress	21.95	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	

06 46 36 00-0155 Honduran Mahogany (06 46 36)

06 46 36 00-0156	LF	3/4" x 1-1/2" Custom Shaped Honduras Mahogany.....	5.42	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.64	
06 46 36 00-0157	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany.....	6.82	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0158	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany.....	8.24	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0159	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany.....	9.64	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0160	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany.....	11.13	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0161	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany.....	12.63	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0162	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany.....	14.02	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0163	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany.....	15.45	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	
06 46 36 00-0164	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany.....	16.81	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0165	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany.....	18.32	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0166	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany.....	19.76	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.91	
06 46 36 00-0167	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany.....	6.41	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0168	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany.....	8.24	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0169	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany.....	10.11	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0170	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany.....	11.97	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0171	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany.....	13.92	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0172	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany.....	15.84	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0173	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany.....	17.69	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0174	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany.....	19.58	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0175	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany.....	21.40	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0176	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany.....	23.34	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0177	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany.....	25.48	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0178	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany	7.18	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0179	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany	9.40	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0180	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany	11.60	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0181	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany	13.82	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0182	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany	16.11	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0183	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany	18.41	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0184	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany	20.60	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0185	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany	22.84	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0186	LF		1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.52 0.87	1.11
06 46 36 00-0187	LF		1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.33 0.92	1.19
06 46 36 00-0188	LF		1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.56 0.95	1.27
06 46 36 00-0189	LF		1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.67 0.69	0.87
06 46 36 00-0190	LF		1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.59 0.72	0.95
06 46 36 00-0191	LF		1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.51 0.74	0.95
06 46 36 00-0192	LF		1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.42 0.76	0.95
06 46 36 00-0193	LF		1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.35 0.78	1.03
06 46 36 00-0194	LF		1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.43 0.84	1.11
06 46 36 00-0195	LF		1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.33 0.86	1.11
06 46 36 00-0196	LF		1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.27 0.88	1.19
06 46 36 00-0197	LF		1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.14 0.89	1.19
06 46 36 00-0198	LF		1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.17 0.94	1.19
06 46 36 00-0199	LF		1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.17 0.97	1.27
06 46 36 00-0200	LF		2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.16 0.71	0.95
06 46 36 00-0201	LF		2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.78 0.73	0.95
06 46 36 00-0202	LF		2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.38 0.75	0.95
06 46 36 00-0203	LF		2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.08 0.78	1.03
06 46 36 00-0204	LF		2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.68 0.80	1.03
06 46 36 00-0205	LF		2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.45 0.85	1.11
06 46 36 00-0206	LF		2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.06 0.87	1.11
06 46 36 00-0207	LF		2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.76 0.91	1.19
06 46 36 00-0208	LF		2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.36 0.93	1.19
06 46 36 00-0209	LF		2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.00 0.95	1.27
06 46 36 00-0210	LF		2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.76 1.00	1.35
06 46 36 00-0211	LF		2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.26 0.73	0.95
06 46 36 00-0212	LF		2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.17 0.75	0.95
06 46 36 00-0213	LF		2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.57 0.76	1.03
06 46 36 00-0214	LF		2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.04 0.80	1.03
06 46 36 00-0215	LF		2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.43 0.82	1.03
06 46 36 00-0216	LF		2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.97 0.87	1.11
06 46 36 00-0217	LF		2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.36 0.89	1.19
06 46 36 00-0218	LF		2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.84 0.93	1.19
06 46 36 00-0219	LF		2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.23 0.95	1.27
06 46 36 00-0220	LF		2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.62 0.96	1.27
06 46 36 00-0221	LF		2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.17 1.02	1.35
06 46 36 00-0222	LF		3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.55 0.78	1.03
06 46 36 00-0223	LF		3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.73 0.82	1.03
06 46 36 00-0224	LF		3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.86 0.84	1.11
06 46 36 00-0225	LF		3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.12 0.89	1.19
06 46 36 00-0226	LF		3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.24 0.91	1.19
06 46 36 00-0227	LF		3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	58.44 0.95	1.27
06 46 36 00-0228	LF		3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.55 0.96	1.27
06 46 36 00-0229	LF		3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.67 0.98	1.27

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 06 46 36 00-0230 LF 3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany76.95 1.35
For Curved Surfaces With A 2'-0" Maximum Radius, Add 1.04
06 46 36 00-0231 Appl Soft Maple (06 46 36)
 06 46 36 00-0232 LF 3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....4.37 0.87
 06 46 36 00-0233 LF 3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....5.24 0.87
 06 46 36 00-0234 LF 3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....6.13 0.87
 06 46 36 00-0235 LF 3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....7.00 0.95
 06 46 36 00-0236 LF 3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....7.97 0.95
 06 46 36 00-0237 LF 3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....8.94 1.03
 06 46 36 00-0238 LF 3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....9.80 1.03
 06 46 36 00-0239 LF 3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....10.70 1.03
 06 46 36 00-0240 LF 3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....11.54 1.11
 06 46 36 00-0241 LF 3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....12.53 1.19
 06 46 36 00-0242 LF 3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....13.44 1.19
 06 46 36 00-0243 LF 1" x 1-1/2" Custom Shaped Appl Soft Maple.....4.85 0.87
 06 46 36 00-0244 LF 1" x 2-1/2" Custom Shaped Appl Soft Maple.....5.92 0.87
 06 46 36 00-0245 LF 1" x 3-1/2" Custom Shaped Appl Soft Maple.....6.99 0.95
 06 46 36 00-0246 LF 1" x 4-1/2" Custom Shaped Appl Soft Maple.....8.04 0.95
 06 46 36 00-0247 LF 1" x 5-1/2" Custom Shaped Appl Soft Maple.....9.25 1.03
 06 46 36 00-0248 LF 1" x 6-1/2" Custom Shaped Appl Soft Maple.....10.40 1.03
 06 46 36 00-0249 LF 1" x 7-1/2" Custom Shaped Appl Soft Maple.....11.46 1.03
 06 46 36 00-0250 LF 1" x 8-1/2" Custom Shaped Appl Soft Maple.....12.56 1.11
 06 46 36 00-0251 LF 1" x 9-1/2" Custom Shaped Appl Soft Maple.....13.61 1.11
 06 46 36 00-0252 LF 1" x 10-1/2" Custom Shaped Appl Soft Maple.....14.78 1.19
 06 46 36 00-0253 LF 1" x 11-1/2" Custom Shaped Appl Soft Maple.....15.90 1.19
 06 46 36 00-0254 LF 1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....5.31 0.87
 06 46 36 00-0255 LF 1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....6.60 0.87
 06 46 36 00-0256 LF 1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....7.86 0.95
 06 46 36 00-0257 LF 1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....9.15 0.95
 06 46 36 00-0258 LF 1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....10.50 1.03
 06 46 36 00-0259 LF 1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....11.87 1.03
 06 46 36 00-0260 LF 1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....13.13 1.11
 06 46 36 00-0261 LF 1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....14.43 1.11
 06 46 36 00-0262 LF 1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....15.66 1.11
 06 46 36 00-0263 LF 1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....17.05 1.19
 06 46 36 00-0264 LF 1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....18.35 1.27
 06 46 36 00-0265 LF 1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....6.18 0.87
 06 46 36 00-0266 LF 1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple.....7.85 0.95
 06 46 36 00-0267 LF 1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple.....9.52 0.95
 06 46 36 00-0268 LF 1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple.....11.19 1.03
 06 46 36 00-0269 LF 1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple.....12.88 1.03
 06 46 36 00-0270 LF 1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple.....14.71 1.11
 06 46 36 00-0271 LF 1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple.....16.37 1.11
 06 46 36 00-0272 LF 1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple.....18.06 1.19
 06 46 36 00-0273 LF 1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple.....19.68 1.19
 06 46 36 00-0274 LF 1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple.....21.47 1.27
 06 46 36 00-0275 LF 1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple.....23.17 1.27
06 46 36 00-0276 Clear Yellow Pine (06 46 36)
 06 46 36 00-0277 LF 3/4" x 1-1/2" Custom Shaped "C" Y Pine.....3.75 0.87
 06 46 36 00-0278 LF 3/4" x 2-1/2" Custom Shaped "C" Y Pine.....4.31 0.87
 06 46 36 00-0279 LF 3/4" x 3-1/2" Custom Shaped "C" Y Pine.....4.89 0.87
 06 46 36 00-0280 LF 3/4" x 4-1/2" Custom Shaped "C" Y Pine.....5.45 0.95
 06 46 36 00-0281 LF 3/4" x 5-1/2" Custom Shaped "C" Y Pine.....6.10 0.95
 06 46 36 00-0282 LF 3/4" x 6-1/2" Custom Shaped "C" Y Pine.....6.76 1.03
 06 46 36 00-0283 LF 3/4" x 7-1/2" Custom Shaped "C" Y Pine.....7.31 1.03
 06 46 36 00-0284 LF 3/4" x 8-1/2" Custom Shaped "C" Y Pine.....7.90 1.03
 06 46 36 00-0285 LF 1" x 1-1/2" Custom Shaped "C" Y Pine.....4.18 0.87
 06 46 36 00-0286 LF 1" x 2-1/2" Custom Shaped "C" Y Pine.....4.94 0.87
 06 46 36 00-0287 LF 1" x 3-1/2" Custom Shaped "C" Y Pine.....5.67 0.95
 06 46 36 00-0288 LF 1" x 4-1/2" Custom Shaped "C" Y Pine.....6.44 0.95
 06 46 36 00-0289 LF 1" x 5-1/2" Custom Shaped "C" Y Pine.....7.26 1.03
 06 46 36 00-0290 LF 1" x 6-1/2" Custom Shaped "C" Y Pine.....8.10 1.03
 06 46 36 00-0291 LF 1" x 7-1/2" Custom Shaped "C" Y Pine.....9.07 1.03
 06 46 36 00-0292 LF 1" x 8-1/2" Custom Shaped "C" Y Pine.....9.87 1.11
 06 46 36 00-0293 LF 1-1/2" x 1-1/2" Custom Shaped "C" Y Pine.....4.74 0.87
 06 46 36 00-0294 LF 1-1/2" x 2-1/2" Custom Shaped "C" Y Pine.....5.70 0.95
 06 46 36 00-0295 LF 1-1/2" x 3-1/2" Custom Shaped "C" Y Pine.....6.65 0.95
 06 46 36 00-0296 LF 1-1/2" x 4-1/2" Custom Shaped "C" Y Pine.....7.60 1.03
 06 46 36 00-0297 LF 1-1/2" x 5-1/2" Custom Shaped "C" Y Pine.....8.56 1.03
 06 46 36 00-0298 LF 1-1/2" x 6-1/2" Custom Shaped "C" Y Pine.....9.68 1.11
 06 46 36 00-0299 LF 1-1/2" x 7-1/2" Custom Shaped "C" Y Pine.....10.62 1.11
 06 46 36 00-0300 LF 1-1/2" x 8-1/2" Custom Shaped "C" Y Pine.....11.59 1.19
 06 46 36 00-0301 LF 1-1/2" x 9-1/2" Custom Shaped "C" Y Pine.....13.21 1.19
 06 46 36 00-0302 LF 1-1/2" x 10-1/2" Custom Shaped "C" Y Pine.....13.66 1.27
06 46 36 00-0303 Poplar (06 46 36)
 06 46 36 00-0304 LF 3/4" x 1-1/2" Custom Shaped Poplar3.89 0.87
 06 46 36 00-0305 LF 3/4" x 2-1/2" Custom Shaped Poplar4.52 0.87
 06 46 36 00-0306 LF 3/4" x 3-1/2" Custom Shaped Poplar5.17 0.87
 06 46 36 00-0307 LF 3/4" x 4-1/2" Custom Shaped Poplar5.80 0.95

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0308	LF	3/4"	x 5-1/2" Custom Shaped Poplar	6.54	0.95
06 46 36 00-0309	LF	3/4"	x 6-1/2" Custom Shaped Poplar	7.27	1.03
06 46 36 00-0310	LF	3/4"	x 7-1/2" Custom Shaped Poplar	7.89	1.03
06 46 36 00-0311	LF	3/4"	x 8-1/2" Custom Shaped Poplar	8.55	1.03
06 46 36 00-0312	LF	3/4"	x 9-1/2" Custom Shaped Poplar	9.15	1.11
06 46 36 00-0313	LF	3/4"	x 10-1/2" Custom Shaped Poplar	9.89	1.19
06 46 36 00-0314	LF	3/4"	x 11-1/2" Custom Shaped Poplar	10.61	1.19
06 46 36 00-0315	LF	1"	x 1-1/2" Custom Shaped Poplar	4.37	0.87
06 46 36 00-0316	LF	1"	x 2-1/2" Custom Shaped Poplar	5.20	0.87
06 46 36 00-0317	LF	1"	x 3-1/2" Custom Shaped Poplar	6.03	0.95
06 46 36 00-0318	LF	1"	x 4-1/2" Custom Shaped Poplar	6.87	0.95
06 46 36 00-0319	LF	1"	x 5-1/2" Custom Shaped Poplar	7.81	1.03
06 46 36 00-0320	LF	1"	x 6-1/2" Custom Shaped Poplar	8.73	1.03
06 46 36 00-0321	LF	1"	x 7-1/2" Custom Shaped Poplar	9.55	1.03
06 46 36 00-0322	LF	1"	x 8-1/2" Custom Shaped Poplar	10.40	1.11
06 46 36 00-0323	LF	1"	x 9-1/2" Custom Shaped Poplar	11.22	1.11
06 46 36 00-0324	LF	1"	x 10-1/2" Custom Shaped Poplar	12.15	1.19
06 46 36 00-0325	LF	1"	x 11-1/2" Custom Shaped Poplar	13.02	1.19
06 46 36 00-0326	LF	1-1/4"	x 1-1/2" Custom Shaped Poplar	4.81	0.87
06 46 36 00-0327	LF	1-1/4"	x 2-1/2" Custom Shaped Poplar	5.83	0.87
06 46 36 00-0328	LF	1-1/4"	x 3-1/2" Custom Shaped Poplar	6.86	0.95
06 46 36 00-0329	LF	1-1/4"	x 4-1/2" Custom Shaped Poplar	7.88	0.95
06 46 36 00-0330	LF	1-1/4"	x 5-1/2" Custom Shaped Poplar	9.00	1.03
06 46 36 00-0331	LF	1-1/4"	x 6-1/2" Custom Shaped Poplar	10.10	1.03
06 46 36 00-0332	LF	1-1/4"	x 7-1/2" Custom Shaped Poplar	11.11	1.11
06 46 36 00-0333	LF	1-1/4"	x 8-1/2" Custom Shaped Poplar	12.16	1.11
06 46 36 00-0334	LF	1-1/4"	x 9-1/2" Custom Shaped Poplar	13.14	1.11
06 46 36 00-0335	LF	1-1/4"	x 10-1/2" Custom Shaped Poplar	14.28	1.19
06 46 36 00-0336	LF	1-1/4"	x 11-1/2" Custom Shaped Poplar	15.33	1.27
06 46 36 00-0337	LF	1-1/2"	x 1-1/2" Custom Shaped Poplar	5.80	0.87
06 46 36 00-0338	LF	1-1/2"	x 2-1/2" Custom Shaped Poplar	7.28	0.95
06 46 36 00-0339	LF	1-1/2"	x 3-1/2" Custom Shaped Poplar	8.76	0.95
06 46 36 00-0340	LF	1-1/2"	x 4-1/2" Custom Shaped Poplar	10.24	1.03
06 46 36 00-0341	LF	1-1/2"	x 5-1/2" Custom Shaped Poplar	11.73	1.03
06 46 36 00-0342	LF	1-1/2"	x 6-1/2" Custom Shaped Poplar	13.37	1.11
06 46 36 00-0343	LF	1-1/2"	x 7-1/2" Custom Shaped Poplar	14.83	1.11
06 46 36 00-0344	LF	1-1/2"	x 8-1/2" Custom Shaped Poplar	16.33	1.19
06 46 36 00-0345	LF	1-1/2"	x 9-1/2" Custom Shaped Poplar	17.76	1.19
06 46 36 00-0346	LF	1-1/2"	x 10-1/2" Custom Shaped Poplar	19.36	1.27
06 46 36 00-0347	LF	1-1/2"	x 11-1/2" Custom Shaped Poplar	20.87	1.27
06 46 36 00-0348	LF	2"	x 1-1/2" Custom Shaped Poplar	7.28	0.95
06 46 36 00-0349	LF	2"	x 2-1/2" Custom Shaped Poplar	9.47	0.95
06 46 36 00-0350	LF	2"	x 3-1/2" Custom Shaped Poplar	11.63	0.95
06 46 36 00-0351	LF	2"	x 4-1/2" Custom Shaped Poplar	13.89	1.03
06 46 36 00-0352	LF	2"	x 5-1/2" Custom Shaped Poplar	16.06	1.03
06 46 36 00-0353	LF	2"	x 6-1/2" Custom Shaped Poplar	18.39	1.11
06 46 36 00-0354	LF	2"	x 7-1/2" Custom Shaped Poplar	20.56	1.11
06 46 36 00-0355	LF	2"	x 8-1/2" Custom Shaped Poplar	22.83	1.19
06 46 36 00-0356	LF	2"	x 9-1/2" Custom Shaped Poplar	24.99	1.19
06 46 36 00-0357	LF	2"	x 10-1/2" Custom Shaped Poplar	27.19	1.27
06 46 36 00-0358	LF	2"	x 11-1/2" Custom Shaped Poplar	29.51	1.35
06 46 36 00-0359	LF	2-1/2"	x 1-1/2" Custom Shaped Poplar	8.77	0.95
06 46 36 00-0360	LF	2-1/2"	x 2-1/2" Custom Shaped Poplar	11.65	0.95
06 46 36 00-0361	LF	2-1/2"	x 3-1/2" Custom Shaped Poplar	14.53	1.03
06 46 36 00-0362	LF	2-1/2"	x 4-1/2" Custom Shaped Poplar	17.49	1.03
06 46 36 00-0363	LF	2-1/2"	x 5-1/2" Custom Shaped Poplar	20.38	1.03
06 46 36 00-0364	LF	2-1/2"	x 6-1/2" Custom Shaped Poplar	23.41	1.11
06 46 36 00-0365	LF	2-1/2"	x 7-1/2" Custom Shaped Poplar	26.29	1.19
06 46 36 00-0366	LF	2-1/2"	x 8-1/2" Custom Shaped Poplar	29.26	1.19
06 46 36 00-0367	LF	2-1/2"	x 9-1/2" Custom Shaped Poplar	32.14	1.27
06 46 36 00-0368	LF	2-1/2"	x 10-1/2" Custom Shaped Poplar	35.02	1.27
06 46 36 00-0369	LF	2-1/2"	x 11-1/2" Custom Shaped Poplar	38.06	1.35
06 46 36 00-0370	LF	3-1/2"	x 3-1/2" Custom Shaped Poplar	19.50	1.03
06 46 36 00-0371	LF	3-1/2"	x 4-1/2" Custom Shaped Poplar	23.67	1.03
06 46 36 00-0372	LF	3-1/2"	x 5-1/2" Custom Shaped Poplar	27.79	1.11
06 46 36 00-0373	LF	3-1/2"	x 6-1/2" Custom Shaped Poplar	32.09	1.19
06 46 36 00-0374	LF	3-1/2"	x 7-1/2" Custom Shaped Poplar	36.14	1.19
06 46 36 00-0375	LF	3-1/2"	x 8-1/2" Custom Shaped Poplar	40.33	1.27
06 46 36 00-0376	LF	3-1/2"	x 9-1/2" Custom Shaped Poplar	44.43	1.27
06 46 36 00-0377	LF	3-1/2"	x 10-1/2" Custom Shaped Poplar	48.54	1.27
06 46 36 00-0378	LF	3-1/2"	x 11-1/2" Custom Shaped Poplar	52.80	1.35
06 46 36 00-0379			Teak <small>(06 46 36)</small>		
06 46 36 00-0380	LF	3/4"	x 1-1/2" Custom Shaped Teak	10.98	0.87
06 46 36 00-0381	LF	3/4"	x 2-1/2" Custom Shaped Teak	15.16	0.87
06 46 36 00-0382	LF	3/4"	x 3-1/2" Custom Shaped Teak	19.35	0.87
06 46 36 00-0383	LF	3/4"	x 4-1/2" Custom Shaped Teak	23.53	0.95
06 46 36 00-0384	LF	3/4"	x 5-1/2" Custom Shaped Teak	27.81	0.95
06 46 36 00-0385	LF	3/4"	x 6-1/2" Custom Shaped Teak	32.08	1.03
06 46 36 00-0386	LF	3/4"	x 7-1/2" Custom Shaped Teak	36.25	1.03
06 46 36 00-0387	LF	3/4"	x 8-1/2" Custom Shaped Teak	40.45	1.03
06 46 36 00-0388	LF	3/4"	x 9-1/2" Custom Shaped Teak	44.60	1.11
06 46 36 00-0389	LF	3/4"	x 10-1/2" Custom Shaped Teak	48.89	1.19
06 46 36 00-0390	LF	3/4"	x 11-1/2" Custom Shaped Teak	53.10	1.19

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0391	LF	1-1/2" x 1-1/2" Custom Shaped Teak.....	24.20	0.87
06 46 36 00-0392	LF	1-1/2" x 2-1/2" Custom Shaped Teak.....	27.69	0.95
06 46 36 00-0393	LF	1-1/2" x 3-1/2" Custom Shaped Teak.....	35.97	0.95
06 46 36 00-0394	LF	1-1/2" x 4-1/2" Custom Shaped Teak.....	44.25	1.03
06 46 36 00-0395	LF	1-1/2" x 5-1/2" Custom Shaped Teak.....	52.54	1.03
06 46 36 00-0396	LF	1-1/2" x 6-1/2" Custom Shaped Teak.....	60.75	1.11
06 46 36 00-0397	LF	1-1/2" x 7-1/2" Custom Shaped Teak.....	69.26	1.11
06 46 36 00-0398	LF	1-1/2" x 8-1/2" Custom Shaped Teak.....	77.56	1.19
06 46 36 00-0399	LF	1-1/2" x 9-1/2" Custom Shaped Teak.....	85.79	1.19
06 46 36 00-0400	LF	1-1/2" x 10-1/2" Custom Shaped Teak.....	94.19	1.27
06 46 36 00-0401	LF	1-1/2" x 11-1/2" Custom Shaped Teak.....	102.51	1.27

06 46 36 00-0402 Ash (06 46 36)

06 46 36 00-0403	LF	3/4" x 1-1/2" Custom Shaped Ash.....	4.80	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.64</i>	
06 46 36 00-0404	LF	3/4" x 2-1/2" Custom Shaped Ash.....	5.89	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.66</i>	
06 46 36 00-0405	LF	3/4" x 3-1/2" Custom Shaped Ash.....	6.99	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.68</i>	
06 46 36 00-0406	LF	3/4" x 4-1/2" Custom Shaped Ash.....	8.08	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.70</i>	
06 46 36 00-0407	LF	3/4" x 5-1/2" Custom Shaped Ash.....	9.27	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.74</i>	
06 46 36 00-0408	LF	3/4" x 6-1/2" Custom Shaped Ash.....	10.45	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.78</i>	
06 46 36 00-0409	LF	3/4" x 7-1/2" Custom Shaped Ash.....	11.53	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.80</i>	
06 46 36 00-0410	LF	3/4" x 8-1/2" Custom Shaped Ash.....	12.64	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.83</i>	
06 46 36 00-0411	LF	3/4" x 9-1/2" Custom Shaped Ash.....	13.70	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.84</i>	
06 46 36 00-0412	LF	3/4" x 10-1/2" Custom Shaped Ash.....	14.90	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.88</i>	
06 46 36 00-0413	LF	3/4" x 11-1/2" Custom Shaped Ash.....	16.02	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.91</i>	
06 46 36 00-0414	LF	1" x 1-1/2" Custom Shaped Ash.....	5.57	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.66</i>	
06 46 36 00-0415	LF	1" x 2-1/2" Custom Shaped Ash.....	7.00	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.68</i>	
06 46 36 00-0416	LF	1" x 3-1/2" Custom Shaped Ash.....	8.43	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.70</i>	
06 46 36 00-0417	LF	1" x 4-1/2" Custom Shaped Ash.....	9.86	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.72</i>	
06 46 36 00-0418	LF	1" x 5-1/2" Custom Shaped Ash.....	11.41	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.76</i>	
06 46 36 00-0419	LF	1" x 6-1/2" Custom Shaped Ash.....	12.92	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.80</i>	
06 46 36 00-0420	LF	1" x 7-1/2" Custom Shaped Ash.....	14.34	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.82</i>	
06 46 36 00-0421	LF	1" x 8-1/2" Custom Shaped Ash.....	15.79	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.84</i>	
06 46 36 00-0422	LF	1" x 9-1/2" Custom Shaped Ash.....	17.21	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.86</i>	
06 46 36 00-0423	LF	1" x 10-1/2" Custom Shaped Ash.....	18.74	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.90</i>	
06 46 36 00-0424	LF	1" x 11-1/2" Custom Shaped Ash.....	20.21	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.93</i>	
06 46 36 00-0425	LF	1-1/4" x 1-1/2" Custom Shaped Ash.....	6.53	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.68</i>	
06 46 36 00-0426	LF	1-1/4" x 2-1/2" Custom Shaped Ash.....	8.42	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.70</i>	
06 46 36 00-0427	LF	1-1/4" x 3-1/2" Custom Shaped Ash.....	10.31	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.72</i>	
06 46 36 00-0428	LF	1-1/4" x 4-1/2" Custom Shaped Ash.....	12.19	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.74</i>	
06 46 36 00-0429	LF	1-1/4" x 5-1/2" Custom Shaped Ash.....	14.17	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.78</i>	
06 46 36 00-0430	LF	1-1/4" x 6-1/2" Custom Shaped Ash.....	16.14	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.82</i>	
06 46 36 00-0431	LF	1-1/4" x 7-1/2" Custom Shaped Ash.....	18.01	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.84</i>	
06 46 36 00-0432	LF	1-1/4" x 8-1/2" Custom Shaped Ash.....	19.92	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.86</i>	
06 46 36 00-0433	LF	1-1/4" x 9-1/2" Custom Shaped Ash.....	21.77	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.87</i>	
06 46 36 00-0434	LF	1-1/4" x 10-1/2" Custom Shaped Ash.....	23.76	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.92</i>	
06 46 36 00-0435	LF	1-1/4" x 11-1/2" Custom Shaped Ash.....	25.68	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.95</i>	
06 46 36 00-0436	LF	1-1/2" x 1-1/2" Custom Shaped Ash.....	7.91	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.69</i>	
06 46 36 00-0437	LF	1-1/2" x 2-1/2" Custom Shaped Ash.....	10.44	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.72</i>	
06 46 36 00-0438	LF	1-1/2" x 3-1/2" Custom Shaped Ash.....	12.97	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.74</i>	
06 46 36 00-0439	LF	1-1/2" x 4-1/2" Custom Shaped Ash.....	15.51	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	<i>0.76</i>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0440	LF		1-1/2" x 5-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.05 0.78	1.03
06 46 36 00-0441	LF		1-1/2" x 6-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.74 0.84	1.11
06 46 36 00-0442	LF		1-1/2" x 7-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.31 0.86	1.11
06 46 36 00-0443	LF		1-1/2" x 8-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.82 0.88	1.11
06 46 36 00-0444	LF		1-1/2" x 9-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.30 0.89	1.19
06 46 36 00-0445	LF		1-1/2" x 10-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.20 0.94	1.19
06 46 36 00-0446	LF		1-1/2" x 11-1/2" Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.52 0.97	1.27
06 46 36 00-0447 Birch <small>(06 46 36)</small>					
06 46 36 00-0448	LF		3/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.37 0.64	0.87
06 46 36 00-0449	LF		3/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.24 0.66	0.87
06 46 36 00-0450	LF		3/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.13 0.68	0.87
06 46 36 00-0451	LF		3/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.00 0.70	0.95
06 46 36 00-0452	LF		3/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.97 0.74	0.95
06 46 36 00-0453	LF		3/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.94 0.78	1.03
06 46 36 00-0454	LF		3/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.80 0.80	1.03
06 46 36 00-0455	LF		3/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.70 0.83	1.03
06 46 36 00-0456	LF		3/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.54 0.84	1.11
06 46 36 00-0457	LF		3/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.53 0.88	1.11
06 46 36 00-0458	LF		3/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.44 0.91	1.19
06 46 36 00-0459	LF		1" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.97 0.66	0.87
06 46 36 00-0460	LF		1" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.09 0.68	0.87
06 46 36 00-0461	LF		1" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.23 0.70	0.95
06 46 36 00-0462	LF		1" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.38 0.72	0.95
06 46 36 00-0463	LF		1" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.61 0.76	1.03
06 46 36 00-0464	LF		1" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.81 0.80	1.03
06 46 36 00-0465	LF		1" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.94 0.82	1.03
06 46 36 00-0466	LF		1" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.11 0.84	1.11
06 46 36 00-0467	LF		1" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.21 0.86	1.11
06 46 36 00-0468	LF		1" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.43 0.90	1.19
06 46 36 00-0469	LF		1" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.62 0.93	1.19
06 46 36 00-0470	LF		1-1/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	5.67 0.68	0.87
06 46 36 00-0471	LF		1-1/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.13 0.70	0.87
06 46 36 00-0472	LF		1-1/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.58 0.72	0.95
06 46 36 00-0473	LF		1-1/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.04 0.74	0.95
06 46 36 00-0474	LF		1-1/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.58 0.78	1.03
06 46 36 00-0475	LF		1-1/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.12 0.82	1.03
06 46 36 00-0476	LF		1-1/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.56 0.84	1.11
06 46 36 00-0477	LF		1-1/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.04 0.86	1.11
06 46 36 00-0478	LF		1-1/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.45 0.87	1.11
06 46 36 00-0479	LF		1-1/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.02 0.92	1.19
06 46 36 00-0480	LF		1-1/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.50 0.95	1.27
06 46 36 00-0481	LF		1-1/2" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	6.76 0.69	0.87
06 46 36 00-0482	LF		1-1/2" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.72 0.72	0.95
06 46 36 00-0483	LF		1-1/2" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.67 0.74	0.95

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0484	LF	1-1/2" x 4-1/2" Custom Shaped Birch	12.63	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0485	LF	1-1/2" x 5-1/2" Custom Shaped Birch	14.60	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0486	LF	1-1/2" x 6-1/2" Custom Shaped Birch	16.72	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0487	LF	1-1/2" x 7-1/2" Custom Shaped Birch	18.67	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0488	LF	1-1/2" x 8-1/2" Custom Shaped Birch	20.65	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0489	LF	1-1/2" x 9-1/2" Custom Shaped Birch	22.55	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.89	
06 46 36 00-0490	LF	1-1/2" x 10-1/2" Custom Shaped Birch	24.87	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 46 36 00-0491	LF	1-1/2" x 11-1/2" Custom Shaped Birch	26.62	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.97	

06 46 36 00-0492 Fir (06 46 36)

06 46 36 00-0493	LF	3/4" x 1-1/2" Custom Shaped Fir	4.51	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.64	
06 46 36 00-0494	LF	3/4" x 2-1/2" Custom Shaped Fir	5.46	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0495	LF	3/4" x 3-1/2" Custom Shaped Fir	6.42	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0496	LF	3/4" x 4-1/2" Custom Shaped Fir	7.36	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0497	LF	3/4" x 5-1/2" Custom Shaped Fir	8.40	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0498	LF	3/4" x 6-1/2" Custom Shaped Fir	9.45	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0499	LF	3/4" x 7-1/2" Custom Shaped Fir	10.38	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0500	LF	3/4" x 8-1/2" Custom Shaped Fir	11.35	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.83	
06 46 36 00-0501	LF	3/4" x 9-1/2" Custom Shaped Fir	12.26	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0502	LF	3/4" x 10-1/2" Custom Shaped Fir	13.32	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.88	
06 46 36 00-0503	LF	1" x 1-1/2" Custom Shaped Fir	5.21	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
06 46 36 00-0504	LF	1" x 2-1/2" Custom Shaped Fir	6.45	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0505	LF	1" x 3-1/2" Custom Shaped Fir	7.71	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0506	LF	1" x 4-1/2" Custom Shaped Fir	8.97	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0507	LF	1" x 5-1/2" Custom Shaped Fir	10.33	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.76	
06 46 36 00-0508	LF	1" x 6-1/2" Custom Shaped Fir	11.65	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.80	
06 46 36 00-0509	LF	1" x 7-1/2" Custom Shaped Fir	12.90	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0510	LF	1" x 8-1/2" Custom Shaped Fir	14.19	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0511	LF	1" x 9-1/2" Custom Shaped Fir	15.41	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0512	LF	1" x 10-1/2" Custom Shaped Fir	16.80	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.90	
06 46 36 00-0513	LF	1" x 11-1/2" Custom Shaped Fir	18.05	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0514	LF	1-1/4" x 1-1/2" Custom Shaped Fir	5.74	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.68	
06 46 36 00-0515	LF	1-1/4" x 2-1/2" Custom Shaped Fir	7.25	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.70	
06 46 36 00-0516	LF	1-1/4" x 3-1/2" Custom Shaped Fir	8.73	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0517	LF	1-1/4" x 4-1/2" Custom Shaped Fir	10.23	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	
06 46 36 00-0518	LF	1-1/4" x 5-1/2" Custom Shaped Fir	11.80	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.78	
06 46 36 00-0519	LF	1-1/4" x 6-1/2" Custom Shaped Fir	13.38	1.03
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82	
06 46 36 00-0520	LF	1-1/4" x 7-1/2" Custom Shaped Fir	14.85	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.84	
06 46 36 00-0521	LF	1-1/4" x 8-1/2" Custom Shaped Fir	16.37	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.86	
06 46 36 00-0522	LF	1-1/4" x 9-1/2" Custom Shaped Fir	17.81	1.11
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.87	
06 46 36 00-0523	LF	1-1/4" x 10-1/2" Custom Shaped Fir	19.43	1.19
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.92	
06 46 36 00-0524	LF	1-1/4" x 11-1/2" Custom Shaped Fir	20.94	1.27
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0525	LF	1-1/2" x 1-1/2" Custom Shaped Fir	6.47	0.87
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69	
06 46 36 00-0526	LF	1-1/2" x 2-1/2" Custom Shaped Fir	8.28	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.72	
06 46 36 00-0527	LF	1-1/2" x 3-1/2" Custom Shaped Fir	10.10	0.95
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0528	LF		1-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.91 0.76	1.03
06 46 36 00-0529	LF		1-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.74 0.78	1.03
06 46 36 00-0530	LF		1-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.71 0.84	1.11
06 46 36 00-0531	LF		1-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.52 0.86	1.11
06 46 36 00-0532	LF		1-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.35 0.88	1.19
06 46 36 00-0533	LF		1-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.12 0.89	1.19
06 46 36 00-0534	LF		1-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.05 0.94	1.27
06 46 36 00-0535	LF		1-1/2" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.90 0.97	1.27
06 46 36 00-0536	LF		2-1/2" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.06 0.73	0.95
06 46 36 00-0537	LF		2-1/2" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.59 0.75	0.95
06 46 36 00-0538	LF		2-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.12 0.76	1.03
06 46 36 00-0539	LF		2-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.73 0.80	1.03
06 46 36 00-0540	LF		2-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.26 0.82	1.03
06 46 36 00-0541	LF		2-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.94 0.87	1.11
06 46 36 00-0542	LF		2-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.46 0.89	1.19
06 46 36 00-0543	LF		2-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.13 0.93	1.19
06 46 36 00-0544	LF		2-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.60 0.95	1.27
06 46 36 00-0545	LF		2-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.13 0.96	1.27
06 46 36 00-0546	LF		3-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.08 0.78	1.03
06 46 36 00-0547	LF		3-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.59 0.82	1.03
06 46 36 00-0548	LF		3-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.08 0.84	1.11
06 46 36 00-0549	LF		3-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.72 0.89	1.19
06 46 36 00-0550	LF		3-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.21 0.91	1.19
06 46 36 00-0551	LF		3-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.78 0.95	1.27
06 46 36 00-0552	LF		3-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.26 0.96	1.27
06 46 36 00-0553	LF		3-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.75 0.98	1.27
06 46 36 00-0554			Maple <small>(06 46 36)</small>		
06 46 36 00-0555	LF		3/4" x 1-1/2" Custom Shaped Maple	4.32	0.87
06 46 36 00-0556	LF		3/4" x 2-1/2" Custom Shaped Maple	5.17	0.87
06 46 36 00-0557	LF		3/4" x 3-1/2" Custom Shaped Maple	6.04	0.87
06 46 36 00-0558	LF		3/4" x 4-1/2" Custom Shaped Maple	6.88	0.95
06 46 36 00-0559	LF		3/4" x 5-1/2" Custom Shaped Maple	7.83	0.95
06 46 36 00-0560	LF		3/4" x 6-1/2" Custom Shaped Maple	8.78	1.03
06 46 36 00-0561	LF		3/4" x 7-1/2" Custom Shaped Maple	9.61	1.03
06 46 36 00-0562	LF		3/4" x 8-1/2" Custom Shaped Maple	10.49	1.03
06 46 36 00-0563	LF		3/4" x 9-1/2" Custom Shaped Maple	11.31	1.11
06 46 36 00-0564	LF		3/4" x 10-1/2" Custom Shaped Maple	12.26	1.19
06 46 36 00-0565	LF		3/4" x 11-1/2" Custom Shaped Maple	13.15	1.19
06 46 36 00-0566	LF		1" x 1-1/2" Custom Shaped Maple	4.97	0.87
06 46 36 00-0567	LF		1" x 2-1/2" Custom Shaped Maple	6.09	0.87
06 46 36 00-0568	LF		1" x 3-1/2" Custom Shaped Maple	7.23	0.95
06 46 36 00-0569	LF		1" x 4-1/2" Custom Shaped Maple	8.38	0.95
06 46 36 00-0570	LF		1" x 5-1/2" Custom Shaped Maple	9.61	1.03
06 46 36 00-0571	LF		1" x 6-1/2" Custom Shaped Maple	10.81	1.03
06 46 36 00-0572	LF		1" x 7-1/2" Custom Shaped Maple	11.94	1.03
06 46 36 00-0573	LF		1" x 8-1/2" Custom Shaped Maple	13.11	1.11
06 46 36 00-0574	LF		1" x 9-1/2" Custom Shaped Maple	14.21	1.11
06 46 36 00-0575	LF		1" x 10-1/2" Custom Shaped Maple	14.95	1.19
06 46 36 00-0576	LF		1" x 11-1/2" Custom Shaped Maple	16.62	1.19
06 46 36 00-0577	LF		1-1/4" x 1-1/2" Custom Shaped Maple	5.53	0.87
06 46 36 00-0578	LF		1-1/4" x 2-1/2" Custom Shaped Maple	6.91	0.87
06 46 36 00-0579	LF		1-1/4" x 3-1/2" Custom Shaped Maple	8.29	0.95
06 46 36 00-0580	LF		1-1/4" x 4-1/2" Custom Shaped Maple	9.68	0.95
06 46 36 00-0581	LF		1-1/4" x 5-1/2" Custom Shaped Maple	11.15	1.03
06 46 36 00-0582	LF		1-1/4" x 6-1/2" Custom Shaped Maple	12.61	1.03
06 46 36 00-0583	LF		1-1/4" x 7-1/2" Custom Shaped Maple	13.99	1.11
06 46 36 00-0584	LF		1-1/4" x 8-1/2" Custom Shaped Maple	15.39	1.11
06 46 36 00-0585	LF		1-1/4" x 9-1/2" Custom Shaped Maple	16.73	1.11
06 46 36 00-0586	LF		1-1/4" x 10-1/2" Custom Shaped Maple	18.23	1.19

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0587	LF	1-1/4" x 11-1/2" Custom Shaped Maple.....	19.64	1.27
06 46 36 00-0588	LF	1-1/2" x 1-1/2" Custom Shaped Maple.....	6.66	0.87
06 46 36 00-0589	LF	1-1/2" x 2-1/2" Custom Shaped Maple.....	8.57	0.95
06 46 36 00-0590	LF	1-1/2" x 3-1/2" Custom Shaped Maple.....	10.48	0.95
06 46 36 00-0591	LF	1-1/2" x 4-1/2" Custom Shaped Maple.....	12.39	1.03
06 46 36 00-0592	LF	1-1/2" x 5-1/2" Custom Shaped Maple.....	14.31	1.03
06 46 36 00-0593	LF	1-1/2" x 6-1/2" Custom Shaped Maple.....	16.38	1.11
06 46 36 00-0594	LF	1-1/2" x 7-1/2" Custom Shaped Maple.....	18.28	1.11
06 46 36 00-0595	LF	1-1/2" x 8-1/2" Custom Shaped Maple.....	20.45	1.19
06 46 36 00-0596	LF	1-1/2" x 9-1/2" Custom Shaped Maple.....	22.07	1.19
06 46 36 00-0597	LF	1-1/2" x 10-1/2" Custom Shaped Maple.....	24.15	1.27
06 46 36 00-0598	LF	1-1/2" x 11-1/2" Custom Shaped Maple.....	26.05	1.27
06 46 36 00-0599	LF	2" x 1-1/2" Custom Shaped Maple.....	8.48	0.95
06 46 36 00-0600	LF	2" x 2-1/2" Custom Shaped Maple.....	11.27	0.95
06 46 36 00-0601	LF	2" x 3-1/2" Custom Shaped Maple.....	14.03	0.95
06 46 36 00-0602	LF	2" x 4-1/2" Custom Shaped Maple.....	16.89	1.03
06 46 36 00-0603	LF	2" x 5-1/2" Custom Shaped Maple.....	19.65	1.03
06 46 36 00-0604	LF	2" x 6-1/2" Custom Shaped Maple.....	22.59	1.11
06 46 36 00-0605	LF	2" x 7-1/2" Custom Shaped Maple.....	25.35	1.11
06 46 36 00-0606	LF	2" x 8-1/2" Custom Shaped Maple.....	28.21	1.19
06 46 36 00-0607	LF	2" x 9-1/2" Custom Shaped Maple.....	30.98	1.19
06 46 36 00-0608	LF	2" x 10-1/2" Custom Shaped Maple.....	33.77	1.27
06 46 36 00-0609	LF	2" x 11-1/2" Custom Shaped Maple.....	36.94	1.35
06 46 36 00-0610	LF	3-1/2" x 3-1/2" Custom Shaped Maple.....	29.46	1.03
06 46 36 00-0611	LF	3-1/2" x 4-1/2" Custom Shaped Maple.....	36.13	1.03
06 46 36 00-0612	LF	3-1/2" x 5-1/2" Custom Shaped Maple.....	42.73	1.11
06 46 36 00-0613	LF	3-1/2" x 6-1/2" Custom Shaped Maple.....	49.48	1.19
06 46 36 00-0614	LF	3-1/2" x 7-1/2" Custom Shaped Maple.....	56.07	1.19
06 46 36 00-0615	LF	3-1/2" x 8-1/2" Custom Shaped Maple.....	62.75	1.27
06 46 36 00-0616	LF	3-1/2" x 9-1/2" Custom Shaped Maple.....	69.34	1.27
06 46 36 00-0617	LF	3-1/2" x 10-1/2" Custom Shaped Maple.....	75.94	1.27
06 46 36 00-0618	LF	3-1/2" x 11-1/2" Custom Shaped Maple.....	82.69	1.35

06 46 36 00-0619 Red Oak (06 46 36)

06 46 36 00-0620	LF	3/4" x 1-1/2" Custom Shaped Red Oak.....	4.61	0.87
06 46 36 00-0621	LF	3/4" x 2-1/2" Custom Shaped Red Oak.....	5.60	0.87
06 46 36 00-0622	LF	3/4" x 3-1/2" Custom Shaped Red Oak.....	6.61	0.87
06 46 36 00-0623	LF	3/4" x 4-1/2" Custom Shaped Red Oak.....	7.60	0.95
06 46 36 00-0624	LF	3/4" x 5-1/2" Custom Shaped Red Oak.....	8.69	0.95
06 46 36 00-0625	LF	3/4" x 6-1/2" Custom Shaped Red Oak.....	9.78	1.03
06 46 36 00-0626	LF	3/4" x 7-1/2" Custom Shaped Red Oak.....	10.76	1.03
06 46 36 00-0627	LF	3/4" x 8-1/2" Custom Shaped Red Oak.....	11.78	1.03
06 46 36 00-0628	LF	3/4" x 9-1/2" Custom Shaped Red Oak.....	12.74	1.11
06 46 36 00-0629	LF	3/4" x 10-1/2" Custom Shaped Red Oak.....	13.84	1.19
06 46 36 00-0630	LF	3/4" x 11-1/2" Custom Shaped Red Oak.....	14.87	1.19
06 46 36 00-0631	LF	1" x 1-1/2" Custom Shaped Red Oak.....	5.38	0.87
06 46 36 00-0632	LF	1" x 2-1/2" Custom Shaped Red Oak.....	6.73	0.87
06 46 36 00-0633	LF	1" x 3-1/2" Custom Shaped Red Oak.....	8.07	0.95
06 46 36 00-0634	LF	1" x 4-1/2" Custom Shaped Red Oak.....	9.91	0.95
06 46 36 00-0635	LF	1" x 5-1/2" Custom Shaped Red Oak.....	10.86	1.03
06 46 36 00-0636	LF	1" x 6-1/2" Custom Shaped Red Oak.....	12.29	1.03
06 46 36 00-0637	LF	1" x 7-1/2" Custom Shaped Red Oak.....	13.62	1.03
06 46 36 00-0638	LF	1" x 8-1/2" Custom Shaped Red Oak.....	14.98	1.11
06 46 36 00-0639	LF	1" x 9-1/2" Custom Shaped Red Oak.....	16.30	1.11
06 46 36 00-0640	LF	1" x 10-1/2" Custom Shaped Red Oak.....	17.76	1.19
06 46 36 00-0641	LF	1" x 11-1/2" Custom Shaped Red Oak.....	19.13	1.19
06 46 36 00-0642	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak.....	6.46	0.87
06 46 36 00-0643	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak.....	8.32	0.87
06 46 36 00-0644	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak.....	10.16	0.95
06 46 36 00-0645	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak.....	12.02	0.95
06 46 36 00-0646	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak.....	13.95	1.03
06 46 36 00-0647	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak.....	15.90	1.03
06 46 36 00-0648	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak.....	17.72	1.11
06 46 36 00-0649	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak.....	19.61	1.11
06 46 36 00-0650	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak.....	21.41	1.11
06 46 36 00-0651	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak.....	23.38	1.19
06 46 36 00-0652	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak.....	25.25	1.27
06 46 36 00-0653	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak.....	8.67	0.87
06 46 36 00-0654	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak.....	11.59	0.95
06 46 36 00-0655	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak.....	14.51	0.95
06 46 36 00-0656	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak.....	17.42	0.95
06 46 36 00-0657	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak.....	20.35	1.03
06 46 36 00-0658	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak.....	23.47	1.11
06 46 36 00-0659	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak.....	26.33	1.11
06 46 36 00-0660	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak.....	29.75	1.19
06 46 36 00-0661	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak.....	32.14	1.19
06 46 36 00-0662	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak.....	35.17	1.19
06 46 36 00-0663	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak.....	38.12	1.27
06 46 36 00-0664	LF	2" x 1-1/2" Custom Shaped Red Oak.....	12.79	0.95
06 46 36 00-0665	LF	2" x 2-1/2" Custom Shaped Red Oak.....	17.73	0.95
06 46 36 00-0666	LF	2" x 3-1/2" Custom Shaped Red Oak.....	22.65	0.95
06 46 36 00-0667	LF	2" x 4-1/2" Custom Shaped Red Oak.....	27.66	1.03
06 46 36 00-0668	LF	2" x 5-1/2" Custom Shaped Red Oak.....	32.58	1.03
06 46 36 00-0669	LF	2" x 6-1/2" Custom Shaped Red Oak.....	37.68	1.11

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

06 46 36 00-0670	LF		2" x 7-1/2" Custom Shaped Red Oak	42.59	1.11
06 46 36 00-0671	LF		2" x 8-1/2" Custom Shaped Red Oak	47.62	1.19
06 46 36 00-0672	LF		2" x 9-1/2" Custom Shaped Red Oak	52.54	1.19
06 46 36 00-0673	LF		2" x 10-1/2" Custom Shaped Red Oak	57.49	1.27
06 46 36 00-0674	LF		2" x 11-1/2" Custom Shaped Red Oak	62.57	1.35

06 46 36 00-0675 White Oak (06 46 36)

06 46 36 00-0676	LF		3/4" x 1-1/2" Custom Shaped White Oak	4.66	0.87
06 46 36 00-0677	LF		3/4" x 2-1/2" Custom Shaped White Oak	5.67	0.87
06 46 36 00-0678	LF		3/4" x 3-1/2" Custom Shaped White Oak	6.71	0.87
06 46 36 00-0679	LF		3/4" x 4-1/2" Custom Shaped White Oak	7.72	0.95
06 46 36 00-0680	LF		3/4" x 5-1/2" Custom Shaped White Oak	8.84	0.95
06 46 36 00-0681	LF		3/4" x 6-1/2" Custom Shaped White Oak	9.95	1.03
06 46 36 00-0682	LF		3/4" x 7-1/2" Custom Shaped White Oak	10.95	1.03
06 46 36 00-0683	LF		3/4" x 8-1/2" Custom Shaped White Oak	12.00	1.03
06 46 36 00-0684	LF		3/4" x 9-1/2" Custom Shaped White Oak	12.98	1.11
06 46 36 00-0685	LF		3/4" x 10-1/2" Custom Shaped White Oak	14.11	1.19
06 46 36 00-0686	LF		3/4" x 11-1/2" Custom Shaped White Oak	15.16	1.19
06 46 36 00-0687	LF		1" x 1-1/2" Custom Shaped White Oak	5.38	0.87
06 46 36 00-0688	LF		1" x 2-1/2" Custom Shaped White Oak	6.73	0.87
06 46 36 00-0689	LF		1" x 3-1/2" Custom Shaped White Oak	8.07	0.95
06 46 36 00-0690	LF		1" x 4-1/2" Custom Shaped White Oak	9.91	0.95
06 46 36 00-0691	LF		1" x 5-1/2" Custom Shaped White Oak	10.86	1.03
06 46 36 00-0692	LF		1" x 6-1/2" Custom Shaped White Oak	12.29	1.03
06 46 36 00-0693	LF		1" x 7-1/2" Custom Shaped White Oak	13.62	1.03
06 46 36 00-0694	LF		1" x 8-1/2" Custom Shaped White Oak	14.98	1.11
06 46 36 00-0695	LF		1" x 9-1/2" Custom Shaped White Oak	16.30	1.11
06 46 36 00-0696	LF		1" x 10-1/2" Custom Shaped White Oak	17.76	1.19
06 46 36 00-0697	LF		1" x 11-1/2" Custom Shaped White Oak	19.13	1.19
06 46 36 00-0698	LF		1-1/4" x 1-1/2" Custom Shaped White Oak	6.53	0.87
06 46 36 00-0699	LF		1-1/4" x 2-1/2" Custom Shaped White Oak	8.42	0.87
06 46 36 00-0700	LF		1-1/4" x 3-1/2" Custom Shaped White Oak	10.31	0.95
06 46 36 00-0701	LF		1-1/4" x 4-1/2" Custom Shaped White Oak	12.19	0.95
06 46 36 00-0702	LF		1-1/4" x 5-1/2" Custom Shaped White Oak	14.17	1.03
06 46 36 00-0703	LF		1-1/4" x 6-1/2" Custom Shaped White Oak	16.14	1.03
06 46 36 00-0704	LF		1-1/4" x 7-1/2" Custom Shaped White Oak	18.01	1.11
06 46 36 00-0705	LF		1-1/4" x 8-1/2" Custom Shaped White Oak	19.92	1.11
06 46 36 00-0706	LF		1-1/4" x 9-1/2" Custom Shaped White Oak	21.77	1.11
06 46 36 00-0707	LF		1-1/4" x 10-1/2" Custom Shaped White Oak	23.76	1.19
06 46 36 00-0708	LF		1-1/4" x 11-1/2" Custom Shaped White Oak	25.68	1.27
06 46 36 00-0709	LF		1-1/2" x 1-1/2" Custom Shaped White Oak	10.11	0.87
06 46 36 00-0710	LF		1-1/2" x 2-1/2" Custom Shaped White Oak	13.75	0.95
06 46 36 00-0711	LF		1-1/2" x 3-1/2" Custom Shaped White Oak	17.38	0.95
06 46 36 00-0712	LF		1-1/2" x 4-1/2" Custom Shaped White Oak	21.02	1.03
06 46 36 00-0713	LF		1-1/2" x 5-1/2" Custom Shaped White Oak	24.66	1.03
06 46 36 00-0714	LF		1-1/2" x 6-1/2" Custom Shaped White Oak	28.46	1.11
06 46 36 00-0715	LF		1-1/2" x 7-1/2" Custom Shaped White Oak	32.08	1.11
06 46 36 00-0716	LF		1-1/2" x 8-1/2" Custom Shaped White Oak	35.74	1.19
06 46 36 00-0717	LF		1-1/2" x 9-1/2" Custom Shaped White Oak	38.84	1.19
06 46 36 00-0718	LF		1-1/2" x 10-1/2" Custom Shaped White Oak	43.08	1.27
06 46 36 00-0719	LF		1-1/2" x 11-1/2" Custom Shaped White Oak	46.74	1.27

06 46 36 00-0720 White Pine (06 46 36)

06 46 36 00-0721	LF		3/4" x 1-1/2" Custom Shaped White Pine	5.09	0.87
06 46 36 00-0722	LF		3/4" x 2-1/2" Custom Shaped White Pine	6.32	0.87
06 46 36 00-0723	LF		3/4" x 3-1/2" Custom Shaped White Pine	7.57	0.87
06 46 36 00-0724	LF		3/4" x 4-1/2" Custom Shaped White Pine	8.80	0.95
06 46 36 00-0725	LF		3/4" x 5-1/2" Custom Shaped White Pine	10.13	0.95
06 46 36 00-0726	LF		3/4" x 6-1/2" Custom Shaped White Pine	11.46	1.03
06 46 36 00-0727	LF		3/4" x 7-1/2" Custom Shaped White Pine	12.68	1.03
06 46 36 00-0728	LF		3/4" x 8-1/2" Custom Shaped White Pine	13.94	1.03
06 46 36 00-0729	LF		3/4" x 9-1/2" Custom Shaped White Pine	15.86	1.11
06 46 36 00-0730	LF		3/4" x 10-1/2" Custom Shaped White Pine	17.27	1.19
06 46 36 00-0731	LF		1" x 1-1/2" Custom Shaped White Pine	5.61	0.87
06 46 36 00-0732	LF		1" x 2-1/2" Custom Shaped White Pine	7.09	0.87
06 46 36 00-0733	LF		1" x 3-1/2" Custom Shaped White Pine	8.55	0.95
06 46 36 00-0734	LF		1" x 4-1/2" Custom Shaped White Pine	10.03	0.95
06 46 36 00-0735	LF		1" x 5-1/2" Custom Shaped White Pine	11.57	1.03
06 46 36 00-0736	LF		1" x 6-1/2" Custom Shaped White Pine	13.13	1.03
06 46 36 00-0737	LF		1" x 7-1/2" Custom Shaped White Pine	14.58	1.03
06 46 36 00-0738	LF		1" x 8-1/2" Custom Shaped White Pine	16.08	1.11
06 46 36 00-0739	LF		1" x 9-1/2" Custom Shaped White Pine	17.49	1.11
06 46 36 00-0740	LF		1" x 10-1/2" Custom Shaped White Pine	19.07	1.19
06 46 36 00-0741	LF		1" x 11-1/2" Custom Shaped White Pine	20.57	1.19
06 46 36 00-0742	LF		1-1/4" x 1-1/2" Custom Shaped White Pine	6.25	0.87
06 46 36 00-0743	LF		1-1/4" x 2-1/2" Custom Shaped White Pine	7.99	0.87
06 46 36 00-0744	LF		1-1/4" x 3-1/2" Custom Shaped White Pine	9.78	0.95
06 46 36 00-0745	LF		1-1/4" x 4-1/2" Custom Shaped White Pine	11.47	0.95
06 46 36 00-0746	LF		1-1/4" x 5-1/2" Custom Shaped White Pine	13.31	1.03
06 46 36 00-0747	LF		1-1/4" x 6-1/2" Custom Shaped White Pine	15.13	1.03
06 46 36 00-0748	LF		1-1/4" x 7-1/2" Custom Shaped White Pine	16.86	1.11
06 46 36 00-0749	LF		1-1/4" x 8-1/2" Custom Shaped White Pine	18.63	1.11
06 46 36 00-0750	LF		1-1/4" x 9-1/2" Custom Shaped White Pine	20.33	1.11

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0751	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	22.18	1.19
06 46 36 00-0752	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	23.95	1.27
06 46 36 00-0753	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	7.62	0.87
06 46 36 00-0754	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	10.01	0.95
06 46 36 00-0755	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	12.40	0.95
06 46 36 00-0756	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	14.79	1.03
06 46 36 00-0757	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	17.19	1.03
06 46 36 00-0758	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	19.74	1.11
06 46 36 00-0759	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	22.12	1.11
06 46 36 00-0760	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	24.53	1.19
06 46 36 00-0761	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	27.34	1.19
06 46 36 00-0762	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	29.38	1.27
06 46 36 00-0763	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	31.79	1.27
06 46 36 00-0764	LF	2" x 1-1/2" Custom Shaped White Pine	11.23	0.95
06 46 36 00-0765	LF	2" x 2-1/2" Custom Shaped White Pine	15.39	0.95
06 46 36 00-0766	LF	2" x 3-1/2" Custom Shaped White Pine	19.54	0.95
06 46 36 00-0767	LF	2" x 4-1/2" Custom Shaped White Pine	23.76	1.03
06 46 36 00-0768	LF	2" x 5-1/2" Custom Shaped White Pine	27.91	1.03
06 46 36 00-0769	LF	2" x 6-1/2" Custom Shaped White Pine	32.21	1.11
06 46 36 00-0770	LF	2" x 7-1/2" Custom Shaped White Pine	36.37	1.11
06 46 36 00-0771	LF	2" x 8-1/2" Custom Shaped White Pine	40.60	1.19
06 46 36 00-0772	LF	2" x 9-1/2" Custom Shaped White Pine	44.75	1.19
06 46 36 00-0773	LF	2" x 10-1/2" Custom Shaped White Pine	48.91	1.27
06 46 36 00-0774	LF	2" x 11-1/2" Custom Shaped White Pine	53.23	1.35
06 46 36 00-0775	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	13.22	0.95
06 46 36 00-0776	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	18.33	0.95
06 46 36 00-0777	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	23.44	1.03
06 46 36 00-0778	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	28.63	1.03
06 46 36 00-0779	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	33.74	1.03
06 46 36 00-0780	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	39.00	1.11
06 46 36 00-0781	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	44.11	1.19
06 46 36 00-0782	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	49.31	1.19
06 46 36 00-0783	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	54.41	1.27
06 46 36 00-0784	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	59.52	1.27
06 46 36 00-0785	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	64.79	1.35
06 46 36 00-0786	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	32.14	1.03
06 46 36 00-0787	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	39.48	1.03
06 46 36 00-0788	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	46.76	1.11
06 46 36 00-0789	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	54.17	1.19
06 46 36 00-0790	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	61.44	1.19
06 46 36 00-0791	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	68.78	1.27
06 46 36 00-0792	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	76.05	1.27
06 46 36 00-0793	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	83.32	1.27
06 46 36 00-0794	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	90.74	1.35

06 46 36 00-0795 Clear Heart Redwood (06 46 36)

06 46 36 00-0796	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	4.56	0.87
06 46 36 00-0797	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	5.53	0.87
06 46 36 00-0798	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	6.52	0.87
06 46 36 00-0799	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	7.48	0.95
06 46 36 00-0800	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	8.55	0.95
06 46 36 00-0801	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	9.61	1.03
06 46 36 00-0802	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	11.53	1.03
06 46 36 00-0803	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	12.64	1.03
06 46 36 00-0804	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	12.72	1.11
06 46 36 00-0805	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	13.58	1.19
06 46 36 00-0806	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	5.33	0.87
06 46 36 00-0807	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	6.64	0.87
06 46 36 00-0808	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	7.95	0.95
06 46 36 00-0809	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	9.26	0.95
06 46 36 00-0810	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	10.69	1.03
06 46 36 00-0811	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	12.08	1.03
06 46 36 00-0812	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	15.06	1.03
06 46 36 00-0813	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	16.60	1.11
06 46 36 00-0814	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	18.09	1.11
06 46 36 00-0815	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	19.72	1.19
06 46 36 00-0816	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	6.76	0.87
06 46 36 00-0817	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	8.72	0.95
06 46 36 00-0818	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	10.67	0.95
06 46 36 00-0819	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	12.63	1.03
06 46 36 00-0820	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	14.60	1.03
06 46 36 00-0821	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	16.77	1.11
06 46 36 00-0822	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	22.12	1.11
06 46 36 00-0823	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	24.53	1.19
06 46 36 00-0824	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	28.78	1.19
06 46 36 00-0825	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	31.48	1.27
06 46 36 00-0826	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	30.23	1.03
06 46 36 00-0827	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	37.09	1.03
06 46 36 00-0828	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	43.88	1.11
06 46 36 00-0829	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	50.82	1.19
06 46 36 00-0830	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	57.61	1.19
06 46 36 00-0831	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	64.47	1.27
06 46 36 00-0832	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	71.26	1.27
06 46 36 00-0833	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	78.05	1.27

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

06 46 36 00-0834	LF		3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	84.99	1.35
------------------	----	--	--	-------	------

06 46 36 00-0835 Walnut (06 46 36)

06 46 36 00-0836	LF		3/4" x 1-1/2" Custom Shaped Walnut	6.43	0.87
06 46 36 00-0837	LF		3/4" x 2-1/2" Custom Shaped Walnut	8.33	0.87
06 46 36 00-0838	LF		3/4" x 3-1/2" Custom Shaped Walnut	10.25	0.87
06 46 36 00-0839	LF		3/4" x 4-1/2" Custom Shaped Walnut	12.15	0.95
06 46 36 00-0840	LF		3/4" x 5-1/2" Custom Shaped Walnut	14.15	0.95
06 46 36 00-0841	LF		3/4" x 6-1/2" Custom Shaped Walnut	16.15	1.03
06 46 36 00-0842	LF		3/4" x 7-1/2" Custom Shaped Walnut	18.04	1.03
06 46 36 00-0843	LF		3/4" x 8-1/2" Custom Shaped Walnut	19.97	1.03
06 46 36 00-0844	LF		3/4" x 9-1/2" Custom Shaped Walnut	21.84	1.11
06 46 36 00-0845	LF		3/4" x 10-1/2" Custom Shaped Walnut	23.86	1.19
06 46 36 00-0846	LF		3/4" x 11-1/2" Custom Shaped Walnut	25.80	1.19
06 46 36 00-0847	LF		1" x 1-1/2" Custom Shaped Walnut	7.53	0.87
06 46 36 00-0848	LF		1" x 2-1/2" Custom Shaped Walnut	9.97	0.87
06 46 36 00-0849	LF		1" x 3-1/2" Custom Shaped Walnut	12.38	0.95
06 46 36 00-0850	LF		1" x 4-1/2" Custom Shaped Walnut	14.82	0.95
06 46 36 00-0851	LF		1" x 5-1/2" Custom Shaped Walnut	17.32	1.03
06 46 36 00-0852	LF		1" x 6-1/2" Custom Shaped Walnut	19.84	1.03
06 46 36 00-0853	LF		1" x 7-1/2" Custom Shaped Walnut	22.24	1.03
06 46 36 00-0854	LF		1" x 8-1/2" Custom Shaped Walnut	24.70	1.11
06 46 36 00-0855	LF		1" x 9-1/2" Custom Shaped Walnut	27.07	1.11
06 46 36 00-0856	LF		1" x 10-1/2" Custom Shaped Walnut	29.61	1.19
06 46 36 00-0857	LF		1" x 11-1/2" Custom Shaped Walnut	32.07	1.19
06 46 36 00-0858	LF		1-1/4" x 1-1/2" Custom Shaped Walnut	9.05	0.87
06 46 36 00-0859	LF		1-1/4" x 2-1/2" Custom Shaped Walnut	12.20	0.87
06 46 36 00-0860	LF		1-1/4" x 3-1/2" Custom Shaped Walnut	15.34	0.95
06 46 36 00-0861	LF		1-1/4" x 4-1/2" Custom Shaped Walnut	18.49	0.95
06 46 36 00-0862	LF		1-1/4" x 5-1/2" Custom Shaped Walnut	21.71	1.03
06 46 36 00-0863	LF		1-1/4" x 6-1/2" Custom Shaped Walnut	24.95	1.03
06 46 36 00-0864	LF		1-1/4" x 7-1/2" Custom Shaped Walnut	28.07	1.11
06 46 36 00-0865	LF		1-1/4" x 8-1/2" Custom Shaped Walnut	31.25	1.11
06 46 36 00-0866	LF		1-1/4" x 9-1/2" Custom Shaped Walnut	34.34	1.11
06 46 36 00-0867	LF		1-1/4" x 10-1/2" Custom Shaped Walnut	37.61	1.19
06 46 36 00-0868	LF		1-1/4" x 11-1/2" Custom Shaped Walnut	40.77	1.27
06 46 36 00-0869	LF		1-1/2" x 1-1/2" Custom Shaped Walnut	11.93	0.87
06 46 36 00-0870	LF		1-1/2" x 2-1/2" Custom Shaped Walnut	16.48	0.95
06 46 36 00-0871	LF		1-1/2" x 3-1/2" Custom Shaped Walnut	21.02	0.95
06 46 36 00-0872	LF		1-1/2" x 4-1/2" Custom Shaped Walnut	25.57	1.03
06 46 36 00-0873	LF		1-1/2" x 5-1/2" Custom Shaped Walnut	30.12	1.03
06 46 36 00-0874	LF		1-1/2" x 6-1/2" Custom Shaped Walnut	34.83	1.11
06 46 36 00-0875	LF		1-1/2" x 7-1/2" Custom Shaped Walnut	39.36	1.11
06 46 36 00-0876	LF		1-1/2" x 8-1/2" Custom Shaped Walnut	43.93	1.19
06 46 36 00-0877	LF		1-1/2" x 9-1/2" Custom Shaped Walnut	48.90	1.19
06 46 36 00-0878	LF		1-1/2" x 10-1/2" Custom Shaped Walnut	53.09	1.27
06 46 36 00-0879	LF		1-1/2" x 11-1/2" Custom Shaped Walnut	57.66	1.27
06 46 36 00-0880	LF		2" x 1-1/2" Custom Shaped Walnut	19.38	0.95
06 46 36 00-0881	LF		2" x 2-1/2" Custom Shaped Walnut	27.60	0.95
06 46 36 00-0882	LF		2" x 3-1/2" Custom Shaped Walnut	35.83	0.95
06 46 36 00-0883	LF		2" x 4-1/2" Custom Shaped Walnut	44.12	1.03
06 46 36 00-0884	LF		2" x 5-1/2" Custom Shaped Walnut	52.35	1.03
06 46 36 00-0885	LF		2" x 6-1/2" Custom Shaped Walnut	60.72	1.11
06 46 36 00-0886	LF		2" x 7-1/2" Custom Shaped Walnut	68.94	1.11
06 46 36 00-0887	LF		2" x 8-1/2" Custom Shaped Walnut	77.25	1.19
06 46 36 00-0888	LF		2" x 9-1/2" Custom Shaped Walnut	85.47	1.19
06 46 36 00-0889	LF		2" x 10-1/2" Custom Shaped Walnut	93.71	1.27
06 46 36 00-0890	LF		2" x 11-1/2" Custom Shaped Walnut	102.09	1.35
06 46 36 00-0891	LF		2-1/2" x 1-1/2" Custom Shaped Walnut	24.00	0.95
06 46 36 00-0892	LF		2-1/2" x 2-1/2" Custom Shaped Walnut	34.50	0.95
06 46 36 00-0893	LF		2-1/2" x 3-1/2" Custom Shaped Walnut	45.00	1.03
06 46 36 00-0894	LF		2-1/2" x 4-1/2" Custom Shaped Walnut	55.58	1.03
06 46 36 00-0895	LF		2-1/2" x 5-1/2" Custom Shaped Walnut	66.08	1.03
06 46 36 00-0896	LF		2-1/2" x 6-1/2" Custom Shaped Walnut	76.73	1.11
06 46 36 00-0897	LF		2-1/2" x 7-1/2" Custom Shaped Walnut	87.23	1.19
06 46 36 00-0898	LF		2-1/2" x 8-1/2" Custom Shaped Walnut	97.82	1.19
06 46 36 00-0899	LF		2-1/2" x 9-1/2" Custom Shaped Walnut	108.31	1.27
06 46 36 00-0900	LF		2-1/2" x 10-1/2" Custom Shaped Walnut	118.81	1.27
06 46 36 00-0901	LF		2-1/2" x 11-1/2" Custom Shaped Walnut	129.47	1.35

06 48 Wood Frames (06 40)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames (06 48)

06 48 13 00-0001 Exterior Door Frames (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA		3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	222.94	44.91
			<i>For Birch, Add</i>	46.62	
			<i>For Mahogany, Add</i>	113.22	
06 48 13 00-0003	EA		3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	234.45	47.07
			<i>For Birch, Add</i>	49.26	
			<i>For Mahogany, Add</i>	119.63	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 48 Wood Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 48 13 00-0004	EA	4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	245.97	48.90
		<i>For Birch, Add</i>	51.89	
		<i>For Mahogany, Add</i>	126.02	
06 48 13 00-0005	EA	5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	268.02	52.33
		<i>For Birch, Add</i>	57.16	
		<i>For Mahogany, Add</i>	138.81	
06 48 13 00-0006	EA	6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	290.55	56.08
		<i>For Birch, Add</i>	62.43	
		<i>For Mahogany, Add</i>	151.61	
06 48 13 00-0007	EA	3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	334.80	45.07
06 48 13 00-0008	EA	3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	340.81	47.07
06 48 13 00-0009	EA	4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	346.79	49.06
06 48 13 00-0010	EA	5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	357.24	52.25
06 48 13 00-0011	EA	6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	369.35	56.24
06 48 13 00-0012	EA	3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	261.52	45.07
06 48 13 00-0013	EA	3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	274.15	47.07
06 48 13 00-0014	EA	4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	286.84	49.06
06 48 13 00-0015	EA	5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	310.50	52.25
06 48 13 00-0016	EA	6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	335.76	56.24

06 48 16 Interior Wood Door Frames (06 48)**06 48 16 00-0001 Interior Door Frames (06 48 16)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA	2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	111.68	21.38
		<i>For Oak Or Maple, Add</i>	21.37	
		<i>For Birch, Add</i>	24.13	
		<i>For Mahogany, Add</i>	58.60	
		<i>For Walnut Frame, Add</i>	31.02	
06 48 16 00-0003	EA	2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	112.46	21.46
		<i>For Oak Or Maple, Add</i>	21.55	
		<i>For Birch, Add</i>	24.33	
		<i>For Mahogany, Add</i>	59.09	
		<i>For Walnut Frame, Add</i>	31.28	
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	113.81	21.86
		<i>For Oak Or Maple, Add</i>	21.71	
		<i>For Birch, Add</i>	24.51	
		<i>For Mahogany, Add</i>	59.53	
		<i>For Walnut Frame, Add</i>	31.52	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	115.61	22.42
		<i>For Oak Or Maple, Add</i>	21.93	
		<i>For Birch, Add</i>	24.76	
		<i>For Mahogany, Add</i>	60.13	
		<i>For Walnut Frame, Add</i>	31.83	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	118.25	22.97
		<i>For Oak Or Maple, Add</i>	22.39	
		<i>For Birch, Add</i>	25.28	
		<i>For Mahogany, Add</i>	61.40	
		<i>For Walnut Frame, Add</i>	32.50	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	124.91	24.41
		<i>For Oak Or Maple, Add</i>	23.58	
		<i>For Birch, Add</i>	26.62	
		<i>For Mahogany, Add</i>	64.64	
		<i>For Walnut Frame, Add</i>	34.22	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	132.74	26.41
		<i>For Oak Or Maple, Add</i>	24.77	
		<i>For Birch, Add</i>	27.96	
		<i>For Mahogany, Add</i>	67.91	
		<i>For Walnut Frame, Add</i>	35.95	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	139.79	28.08
		<i>For Oak Or Maple, Add</i>	25.95	
		<i>For Birch, Add</i>	29.30	
		<i>For Mahogany, Add</i>	71.15	
		<i>For Walnut Frame, Add</i>	37.67	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	5.09	1.91
		<i>For Oak Or Maple, Add</i>	0.39	
		<i>For Birch, Add</i>	0.44	
		<i>For Mahogany, Add</i>	1.07	
		<i>For Walnut Frame, Add</i>	0.57	

06 49 Wood Screens and Exterior Wood Shutters (06 40)**06 49 19 Exterior Wood Shutters (06 49)**

See CSI section 10 71 13 13-0000 for exterior shutters.

06 50 Structural Plastics (06)**06 51 Structural Plastic Shapes And Plates (06 50)****06 51 13 Plastic Lumber (06 51)**

Note: Available in gray, redwood, black. Plastic lumber can be cut with saw for desired length or shape, drilled, screwed, nailed or stapled.

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber.....	8.66	1.28	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.52		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.61		
		<i>For White Color, Add</i>	2.90		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.46		
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber.....	10.70	1.39	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.22		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.78		
		<i>For White Color, Add</i>	3.70		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.13		
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber.....	12.98	1.50	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.01		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.97		
		<i>For White Color, Add</i>	4.60		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.90		
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber.....	20.53	1.79	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.65		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.62		
		<i>For White Color, Add</i>	7.64		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.47		
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber.....	23.08	2.01	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.48		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.82		
		<i>For White Color, Add</i>	8.59		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.28		
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber.....	11.85	1.73	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.84		
		<i>For White Color, Add</i>	3.98		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37		
06 51 13 00-0008	LF	4" x 6", Beam Or Girder, Recycled Plastic Lumber.....	16.62	1.84	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.26		
		<i>For White Color, Add</i>	5.95		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04		
06 51 13 00-0009	LF	5" x 5", Beam Or Girder, Recycled Plastic Lumber.....	17.53	1.90	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.33		
		<i>For White Color, Add</i>	6.30		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34		
06 51 13 00-0010	LF	6" x 6", Beam Or Girder, Recycled Plastic Lumber.....	23.61	2.06	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.86		
		<i>For White Color, Add</i>	8.78		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43		
06 51 13 00-0011	LF	6" x 8", Beam Or Girder, Recycled Plastic Lumber.....	31.72	2.17	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.57		
		<i>For White Color, Add</i>	12.16		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30		
06 51 13 00-0012	Joists, Recycled Plastic Lumber (06 51 13)				
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber.....	5.70	0.72	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.72		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.42		
		<i>For White Color, Add</i>	1.98		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.68		
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber.....	7.86	0.76	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.52		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.61		
		<i>For White Color, Add</i>	2.90		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.46		
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber.....	9.90	0.83	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.22		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.78		
		<i>For White Color, Add</i>	3.70		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.13		
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber.....	12.26	1.01	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.01		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.97		
		<i>For White Color, Add</i>	4.60		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.90		

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	19.66	1.17
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.65	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.62	
		<i>For White Color, Add</i>	7.64	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.47	
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	22.36	1.50
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.48	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.82	
		<i>For White Color, Add</i>	8.59	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.28	
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	10.88	1.06
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.84	
		<i>For White Color, Add</i>	3.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37	
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	15.58	1.12
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.26	
		<i>For White Color, Add</i>	5.95	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04	
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	16.58	1.23
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.33	
		<i>For White Color, Add</i>	6.30	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34	
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	22.64	1.39
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.86	
		<i>For White Color, Add</i>	8.78	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	30.75	1.50
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	2.57	
		<i>For White Color, Add</i>	12.16	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30	
06 51 13 00-0024		Columns, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	12.64	2.29
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.47	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.84	
		<i>For White Color, Add</i>	3.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.37	
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	18.62	3.24
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.18	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.26	
		<i>For White Color, Add</i>	5.95	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.04	
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	20.01	3.63
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.48	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.33	
		<i>For White Color, Add</i>	6.30	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.34	
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber	26.55	4.13
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	1.86	
		<i>For White Color, Add</i>	8.78	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber	35.86	5.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.58	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	2.57	
		<i>For White Color, Add</i>	12.16	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.30	
06 51 13 00-0030		Walls, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber	5.12	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.51	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.37	
		<i>For White Color, Add</i>	1.73	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.47	
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber	5.86	0.83
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.72	
		<i>Note: High density polyethylene combined with fiberglass.</i>		
		<i>For Brown Color, Add</i>	0.42	
		<i>For White Color, Add</i>	1.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber	.....	8.10	0.89
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.52	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.61	
		<i>For White Color, Add</i>		2.90	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.46	
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber	.....	10.05	0.94
		<i>For Reinforced Structural Plastic Lumber, Add</i>		3.22	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.78	
		<i>For White Color, Add</i>		3.70	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		3.13	
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber	<small>(06 51 13)</small>		
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber	.....	4.88	0.64
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.44	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.35	
		<i>For White Color, Add</i>		1.66	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.40	
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	.....	6.51	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.02	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.49	
		<i>For White Color, Add</i>		2.32	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.97	
06 51 13 00-0038	LF	5/4" x 8", Other Shapes, Recycled Plastic Lumber	.....	7.39	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.35	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.57	
		<i>For White Color, Add</i>		2.70	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.29	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	.....	3.04	0.64
		<i>For Reinforced Structural Plastic Lumber, Add</i>		0.76	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.19	
		<i>For White Color, Add</i>		0.88	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		0.74	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	.....	4.22	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.18	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.29	
		<i>For White Color, Add</i>		1.35	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.14	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	.....	4.22	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.18	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.29	
		<i>For White Color, Add</i>		1.35	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.14	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	.....	3.39	0.61
		<i>For Reinforced Structural Plastic Lumber, Add</i>		0.93	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.23	
		<i>For White Color, Add</i>		1.07	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		0.90	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	.....	5.12	0.72
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.51	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.37	
		<i>For White Color, Add</i>		1.73	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.47	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	.....	5.86	0.83
		<i>For Reinforced Structural Plastic Lumber, Add</i>		1.72	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.42	
		<i>For White Color, Add</i>		1.98	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		1.68	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	.....	8.10	0.89
		<i>For Reinforced Structural Plastic Lumber, Add</i>		2.52	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.61	
		<i>For White Color, Add</i>		2.90	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		2.46	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	.....	10.05	0.94
		<i>For Reinforced Structural Plastic Lumber, Add</i>		3.22	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.78	
		<i>For White Color, Add</i>		3.70	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		3.13	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	.....	12.26	1.01
		<i>For Reinforced Structural Plastic Lumber, Add</i>		4.01	
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>		0.97	
		<i>For White Color, Add</i>		4.60	
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>		3.90	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes And Plates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51	13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.40 5.51 1.34 6.33 5.36	1.06
06 51	13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.52 2.63 0.64 3.03 2.56	0.98
06 51	13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.91 3.86 0.94 4.43 3.75	1.05
06 51	13 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.19 5.41 1.31 6.21 5.26	1.12
06 51	13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	19.66 6.65 1.62 7.64 6.47	1.17
06 51	13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	22.36 7.48 1.82 8.59 7.28	1.50
06 51	13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.88 3.47 0.84 3.98 3.37	1.06
06 51	13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.58 5.18 1.26 5.95 5.04	1.12
06 51	13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	22.17 7.56 1.84 8.69 7.36	1.21
06 51	13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	16.58 5.48 1.33 6.30 5.34	1.23
06 51	13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	22.64 7.64 1.86 8.78 7.43	1.39
06 51	13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	30.75 10.58 2.57 12.16 10.30	1.50
06 51	13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	45.46 15.93 3.88 18.30 15.50	1.68
06 51	13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	39.61 13.80 3.36 15.85 13.43	1.61
06 51	13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber <i>For Reinforced Structural Plastic Lumber, Add</i> <i>Note: High density polyethylene combined with fiberglass.</i> <i>For Brown Color, Add</i> <i>For White Color, Add</i> <i>For All Other Colors (Except Black, Brown Or White), Add</i>	52.93 18.70 4.55 21.48 18.19	1.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0063	LF		10" x 10", Other Shapes, Recycled Plastic Lumber	72.89	1.76
			<i>For Reinforced Structural Plastic Lumber, Add</i>	26.05	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	6.34	
			<i>For White Color, Add</i>	29.92	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	25.34	
06 51 13 00-0064	LF		2" Diameter, Other Shapes, Recycled Plastic Lumber.....	3.70	0.56
			<i>For Reinforced Structural Plastic Lumber, Add</i>	1.07	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.26	
			<i>For White Color, Add</i>	1.23	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.04	
06 51 13 00-0065	LF		3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	10.71	0.72
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.58	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.87	
			<i>For White Color, Add</i>	4.11	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.48	
06 51 13 00-0066	LF		4" Diameter, Other Shapes, Recycled Plastic Lumber.....	11.80	0.83
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.92	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.95	
			<i>For White Color, Add</i>	4.51	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.82	
06 51 13 00-0067	LF		5" Diameter, Other Shapes, Recycled Plastic Lumber.....	14.61	1.01
			<i>For Reinforced Structural Plastic Lumber, Add</i>	4.88	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.19	
			<i>For White Color, Add</i>	5.60	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.74	
06 51 13 00-0068	LF		6" Diameter, Other Shapes, Recycled Plastic Lumber.....	32.44	1.17
			<i>For Reinforced Structural Plastic Lumber, Add</i>	11.38	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.77	
			<i>For White Color, Add</i>	13.07	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.07	
06 51 13 00-0069	SF		1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	3.57	0.61
06 51 13 00-0070	SF		1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	5.83	0.64
06 51 13 00-0071	SF		3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	7.81	0.68
06 51 13 00-0072	SF		1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	11.97	0.70

06 52 Plastic Structural Assemblies (06 50)
06 52 13 Plastic Columns (06 52)
06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

06 52 13 00-0002	LF		6" Diameter, Round Fiberglass Column.....	16.30	5.54
06 52 13 00-0003	LF		8" Diameter, Round Fiberglass Column.....	22.99	8.06
06 52 13 00-0004	LF		10" Diameter, Round Fiberglass Column.....	26.76	9.06
06 52 13 00-0005	LF		12" Diameter, Round Fiberglass Column.....	33.38	9.48
06 52 13 00-0006	LF		15" Diameter, Round Fiberglass Column.....	40.81	10.95
06 52 13 00-0007	EA		6" Diameter, Base And Cap For Round Fiberglass Columns	31.45	10.49
06 52 13 00-0008	EA		8" Diameter, Base And Cap For Round Fiberglass Columns	34.89	11.33
06 52 13 00-0009	EA		10" Diameter, Base And Cap For Round Fiberglass Columns	41.25	12.60
06 52 13 00-0010	EA		12" Diameter, Base And Cap For Round Fiberglass Columns	57.74	13.43
06 52 13 00-0011	EA		15" Diameter, Base And Cap For Round Fiberglass Columns	78.85	14.69

06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)

06 52 13 00-0013	LF		6" Diameter, Fluted Fiberglass Column	17.32	5.54
06 52 13 00-0014	LF		8" Diameter, Fluted Fiberglass Column	24.35	8.06
06 52 13 00-0015	LF		10" Diameter, Fluted Fiberglass Column	28.49	9.06
06 52 13 00-0016	LF		12" Diameter, Fluted Fiberglass Column	36.28	9.48
06 52 13 00-0017	LF		15" Diameter, Fluted Fiberglass Column	44.59	10.99
06 52 13 00-0018	EA		6" Diameter, Base And Cap For Fluted Fiberglass Columns	33.54	10.49
06 52 13 00-0019	EA		8" Diameter, Base And Cap For Fluted Fiberglass Columns	37.34	11.33
06 52 13 00-0020	EA		10" Diameter, Base And Cap For Fluted Fiberglass Columns	44.47	12.60
06 52 13 00-0021	EA		12" Diameter, Base And Cap For Fluted Fiberglass Columns	63.91	13.43
06 52 13 00-0022	EA		15" Diameter, Base And Cap For Fluted Fiberglass Columns	88.74	14.69

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)

06 52 13 00-0024	EA		8" Roman Ionic Cap And Base For Fiberglass Columns	135.79	12.60
06 52 13 00-0025	EA		10" Roman Ionic Cap And Base For Fiberglass Columns	181.29	14.69
06 52 13 00-0026	EA		12" Roman Ionic Cap And Base For Fiberglass Columns	232.38	16.79
06 52 13 00-0027	EA		8" Scamozzi Cap And Base For Fiberglass Columns	161.69	12.60
06 52 13 00-0028	EA		10" Scamozzi Cap And Base For Fiberglass Columns	194.59	14.69
06 52 13 00-0029	EA		12" Scamozzi Cap And Base For Fiberglass Columns	284.18	16.79
06 52 13 00-0030	EA		8" Corinthian Cap And Base For Fiberglass Columns	203.69	12.60
06 52 13 00-0031	EA		10" Corinthian Cap And Base For Fiberglass Columns	247.09	14.69
06 52 13 00-0032	EA		12" Corinthian Cap And Base For Fiberglass Columns	327.58	16.79
06 52 13 00-0033	EA		8" Temple Of Winds Cap And Base For Fiberglass Columns	137.89	12.60
06 52 13 00-0034	EA		10" Temple Of Winds Cap And Base For Fiberglass Columns	185.49	14.69
06 52 13 00-0035	EA		12" Temple Of Winds Cap And Base For Fiberglass Columns	236.58	16.79
06 52 13 00-0036	EA		8" Greek Erectheum Cap And Base For Fiberglass Columns	137.89	12.60
06 52 13 00-0037	EA		10" Greek Erectheum Cap And Base For Fiberglass Columns	165.89	14.69

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 52 Plastic Structural Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 52 13 00-0038 EA 12" Greek Erectheum Cap And Base For Fiberglass Columns.....219.08 16.79

06 53 Plastic Decking (06 50)**06 53 16 Plastic Stair Treads** (06 53)**06 53 16 00-0001 Fiberglass Reinforced Plastic Stair Treads** (06 53 16)

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002 SF 12" Depth, 1/2" Thick, 1-1/2" Lip, Fiberglass Reinforced Plastic Stair Tread.....36.85 4.35

06 60 Plastic Fabrications (06)**06 65 Plastic Trim** (06 60)**06 65 00 00-0001 Plastic Moldings** (06 65)

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0003 LF 3-1/2" High, Base, Plastic Molding.....4.23 1.58
 06 65 00 00-0004 LF 4-1/2" High, Base, Plastic Molding.....5.18 1.97
 06 65 00 00-0005 LF 3/4" x 1", Base Shoe, Plastic Molding.....4.02 1.66
06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0007 LF 1" x 2" Cornice, Plastic Molding.....3.96 1.58
 06 65 00 00-0008 LF 1" x 4" Cornice, Plastic Molding.....4.73 1.66
 06 65 00 00-0009 LF 1" x 6" Cornice, Plastic Molding.....6.18 1.74
 06 65 00 00-0010 LF 1" x 8" Cornice, Plastic Molding.....6.99 1.82
 06 65 00 00-0011 LF 1" x 10" Cornice, Plastic Molding.....7.94 1.90
 06 65 00 00-0012 LF 1" x 12" Cornice, Plastic Molding.....9.90 1.97
06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0014 LF 9/16" x 1-5/8" Crown Or Bed, Plastic Molding.....6.35 1.58
 06 65 00 00-0015 LF 9/16" x 2-1/4" Crown Or Bed, Plastic Molding.....8.42 1.97
 06 65 00 00-0016 LF 9/16" x 3-1/2" Crown Or Bed, Plastic Molding.....8.73 1.97
 06 65 00 00-0017 LF 9/16" x 3-5/8" Crown Or Bed, Plastic Molding.....9.04 1.97
 06 65 00 00-0018 LF 5/8" x 4-1/4" Crown Or Bed, Plastic Molding.....11.68 2.38
 06 65 00 00-0019 LF 11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....13.58 2.38
06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0021 LF 11/16" x 1-3/8" Dentil, Plastic Molding.....5.54 1.58
 06 65 00 00-0022 LF 5/8" x 2-1/2" Dentil, Plastic Molding.....6.12 1.58
 06 65 00 00-0023 LF 1-3/8" x 3-3/8" Dentil, Plastic Molding.....7.43 1.58
 06 65 00 00-0024 LF 1-1/2" x 4-1/2" Dentil, Plastic Molding.....9.70 1.58
06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0026 LF 3/8" x 3/8" Cove, Plastic Molding.....2.25 0.87
 06 65 00 00-0027 LF 1/2" x 1/2" Cove, Plastic Molding.....2.40 0.87
 06 65 00 00-0028 LF 5/8" x 5/8" Cove, Plastic Molding.....3.10 1.03
 06 65 00 00-0029 LF 3/4" x 3/4" Cove, Plastic Molding.....3.10 1.03
 06 65 00 00-0030 LF 15/16" x 15/16" Cove, Plastic Molding.....3.78 1.03
 06 65 00 00-0031 LF 9/16" x 1-3/4" Cove, Plastic Molding.....4.90 1.19
 06 65 00 00-0032 LF 11/16" x 2-3/4" Cove, Plastic Molding.....6.34 1.19
06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0034 LF 1/2" x 1-5/8" Chair Rail, Plastic Molding.....3.66 1.19
 06 65 00 00-0035 LF 5/8" x 2-1/2" Chair Rail, Plastic Molding.....4.91 1.58
 06 65 00 00-0036 LF 5/8" x 3-1/2" Chair Rail, Plastic Molding.....5.79 1.58
06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0038 LF 1-1/8" Wide, Door, Plastic Molding.....3.37 1.42
 06 65 00 00-0039 LF 1-1/8" Wide, Detailed Door, Plastic Molding.....3.39 1.42
06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)
 06 65 00 00-0041 LF 1/2" x 1/2" Quarter Round Trim, Plastic Molding.....3.62 1.66
 06 65 00 00-0042 LF 3/4" x 3/4" Quarter Round Trim, Plastic Molding.....3.95 1.66
 06 65 00 00-0043 LF 1-1/4" x 2" Brick Mould, Plastic Molding.....4.40 1.58
 06 65 00 00-0044 LF 1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....4.98 1.58
 06 65 00 00-0045 LF 11/16" x 1-5/8" Drip Cap, Plastic Molding.....3.84 1.58
 06 65 00 00-0046 LF 2-3/4" x 2" Water Table, Plastic Molding.....5.40 1.58
 06 65 00 00-0047 LF 3/8" x 2" Garage Door Stop, Plastic Molding.....4.16 1.58
06 65 00 00-0048 Extruded Polyvinyl Chloride (PVC) Trimboard (06 65)

Note: As manufactured by Azek or Kleer. All dimensions are nominal.

06 65 00 00-0049 LF 1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....2.50 0.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0050	LF		1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.51	0.71
06 65 00 00-0051	LF		1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.56	0.79
06 65 00 00-0052	LF		1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.46	0.81
06 65 00 00-0053	LF		1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.44	0.84
06 65 00 00-0054	LF		5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.02	0.63
06 65 00 00-0055	LF		5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.31	0.71
06 65 00 00-0056	LF		5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.45	0.79
06 65 00 00-0057	LF		5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.68	0.81
06 65 00 00-0058	LF		5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.80	0.84
06 65 00 00-0059	LF		3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	6.40	0.81
06 65 00 00-0060	LF		5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	8.41	0.84
06 65 00 00-0061	SF		1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	4.51	0.71
06 65 00 00-0062	SF		3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	6.43	0.79

06 70 Structural Composites (06)

06 74 Composite Gratings (06 70)

06 74 13 Fiberglass Reinforced Gratings (06 74)

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings (06 74 13)

06 74 13 00-0002 Vi-Corr Resin System (06 74 13 00-0001)

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	29.95	1.57
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	29.11	1.57
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	37.84	1.57
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	41.07	2.00
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top.....	31.41	1.57
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	30.54	1.57
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	39.95	1.57
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top.....	43.05	2.00
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	28.31	1.26
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	45.67	1.38
06 74 13 00-0013	SF	3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	62.47	1.52

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	27.59	1.57
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	25.87	1.57
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	33.15	1.57
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	35.86	2.00
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	28.78	1.57
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	26.55	1.57
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	36.12	2.00
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	37.83	2.00
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	25.00	1.26
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	35.28	1.38
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	48.34	1.52

06 74 13 00-0026 Corvex Polyester Resin (06 74 13 00-0001)

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top.....	23.48	1.57
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	22.57	1.57
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	27.26	1.57
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top.....	31.39	2.00
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top.....	24.99	1.57
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	24.07	1.57
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	29.01	1.57
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top.....	32.89	2.00
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering.....	22.12	1.26
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering.....	35.12	1.38
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering.....	48.60	1.52

06 74 13 00-0038 XFR Extra Fire Retardant (06 74 13 00-0001)

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	34.33	1.57
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	33.34	1.57
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	45.47	1.57
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	48.67	2.00
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top.....	35.81	1.57
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	34.84	1.57
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	47.22	1.57
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	50.80	2.00
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	32.38	1.26
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	52.17	1.38

06 74 13 00-0049 ELS Extremely Low Smoke Resin (06 74 13 00-0001)

06 74 13 00-0050	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top.....	35.19	1.57
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top.....	34.14	1.57
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top.....	44.27	1.57
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top.....	47.53	2.00

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	36.56	1.57
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	35.70	1.57
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	45.95	1.57
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top	49.24	2.00
06 74 13 00-0058	SF	1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering	36.15	1.26
06 74 13 00-0059	SF	1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering	64.92	1.38
06 74 13 00-0060		Pultruded Fiberglass Grating (06 74 13)		
06 74 13 00-0061		ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)		
		Note: For moderately corrosive environments, green.		
06 74 13 00-0062		1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0063	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	25.15	2.00
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	22.37	1.57
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	28.39	2.00
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	26.28	1.57
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	19.72	2.00
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	17.52	1.57
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	22.52	2.00
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	20.38	1.57
06 74 13 00-0071		1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0072	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	28.35	2.00
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	25.65	1.57
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	31.82	2.00
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	29.88	1.57
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	24.98	2.00
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	22.83	1.57
06 74 13 00-0078		2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0079	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	24.79	2.00
06 74 13 00-0080	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	27.37	2.00
06 74 13 00-0081	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	32.97	2.00
06 74 13 00-0082	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	31.14	2.00
06 74 13 00-0083		VERF Vinyl Ester Resin System (06 74 13 00-0060)		
06 74 13 00-0084		1" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0085	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.61	1.57
06 74 13 00-0086	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	23.84	1.57
06 74 13 00-0087	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	29.88	1.57
06 74 13 00-0088	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	34.24	1.57
06 74 13 00-0089	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	20.52	1.57
06 74 13 00-0090	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	18.38	1.57
06 74 13 00-0091	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	23.50	1.57
06 74 13 00-0092	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	21.59	1.57
06 74 13 00-0093		1-1/2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0094	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	29.18	1.57
06 74 13 00-0095	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.44	1.57
06 74 13 00-0096	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	33.30	1.57
06 74 13 00-0097	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	31.12	1.57
06 74 13 00-0098	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	26.26	1.57
06 74 13 00-0099	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	24.22	1.57
06 74 13 00-0100		2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0101	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	26.01	2.00
06 74 13 00-0102	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	24.03	2.00
06 74 13 00-0103	SF	2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	34.69	2.00
06 74 13 00-0104	SF	2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	33.71	2.00

06 80 Composite Fabrications (06)**06 82 Composite Trim (06 80)****06 82 00 00-0001 Fiberglass Castings (06 82)****06 82 00 00-0002 Fiberglass Angle, Equal Legs (06 82 00 00-0001)**

06 82 00 00-0003	LF	1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	7.22	2.62
06 82 00 00-0004	LF	1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	7.53	2.62
06 82 00 00-0005	LF	3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	12.91	3.14
06 82 00 00-0006	LF	3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	14.15	3.14
06 82 00 00-0007	LF	4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	14.23	3.14
06 82 00 00-0008	LF	4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	15.12	3.14
06 82 00 00-0009	LF	4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	16.33	3.14
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	18.25	3.14
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	42.52	3.91

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

06 82 00 00-0012	LF		6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	48.71	3.91
06 82 00 00-0013			Fiberglass Channels (06 82 00 00-0001)		
06 82 00 00-0014	LF		3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	8.37	3.91
06 82 00 00-0015	LF		3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	8.68	3.91
06 82 00 00-0016	LF		4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	16.50	4.44
06 82 00 00-0017	LF		4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	16.50	4.44
06 82 00 00-0018	LF		6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	25.19	4.44
06 82 00 00-0019	LF		6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	29.10	4.44
06 82 00 00-0020	LF		8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	23.73	4.44
06 82 00 00-0021	LF		8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	28.78	4.44
06 82 00 00-0022	LF		10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	36.20	6.10
06 82 00 00-0023	LF		10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin.....	41.24	6.10
06 82 00 00-0024			Fiberglass Wide Flange Beams (06 82 00 00-0001)		
06 82 00 00-0025	LF		4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	22.69	5.22
06 82 00 00-0026	LF		4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	24.64	5.22
06 82 00 00-0027	LF		6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	28.90	6.27
06 82 00 00-0028	LF		6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	29.83	6.27
06 82 00 00-0029	LF		8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	45.83	7.84
06 82 00 00-0030	LF		8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	56.84	7.84
06 82 00 00-0031	LF		10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	99.09	9.58
06 82 00 00-0032	LF		10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	111.12	9.58
06 82 00 00-0033			Fiberglass Flat Sheet (06 82 00 00-0001) Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF		1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	18.80	4.44
06 82 00 00-0035	SF		1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	19.57	4.44
06 82 00 00-0036	SF		1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	28.93	5.22
06 82 00 00-0037	SF		1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	33.02	5.22
06 82 00 00-0038	SF		3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	38.99	6.27
06 82 00 00-0039	SF		3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	45.13	6.27
06 82 00 00-0040	SF		1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin.....	52.37	7.84
06 82 00 00-0041	SF		1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin.....	61.76	7.84
06 82 00 00-0042			Fiberglass Bars (06 82 00 00-0001)		
06 82 00 00-0043			Square Bars (06 82 00 00-0042)		
06 82 00 00-0044	LF		1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin.....	11.34	3.14
06 82 00 00-0045	LF		1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin.....	15.95	4.62
06 82 00 00-0046	LF		1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin.....	18.63	6.10
06 82 00 00-0047			Round Bars (06 82 00 00-0042)		
06 82 00 00-0048	LF		1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	7.50	2.62
06 82 00 00-0049	LF		1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	15.50	3.91
06 82 00 00-0050	LF		1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	17.37	3.91
06 82 00 00-0051	LF		1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	22.58	3.91
06 82 00 00-0052	LF		1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	26.91	4.44
06 82 00 00-0053			Fiberglass Tubes (06 82 00 00-0001)		
06 82 00 00-0054			Square Tube (06 82 00 00-0053)		
06 82 00 00-0055	LF		1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	8.34	2.62
06 82 00 00-0056	LF		1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	8.94	2.62
06 82 00 00-0057	LF		2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	12.08	3.14
06 82 00 00-0058	LF		2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	13.14	3.14
06 82 00 00-0059	LF		3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	22.35	3.91
06 82 00 00-0060	LF		3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	24.81	3.91
06 82 00 00-0061	LF		4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	26.34	4.70
06 82 00 00-0062	LF		4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin.....	33.18	4.70
06 82 00 00-0063			Round Tube (06 82 00 00-0053)		
06 82 00 00-0064	LF		1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	8.02	2.62
06 82 00 00-0065	LF		1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	8.30	2.62
06 82 00 00-0066	LF		2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin.....	14.44	3.14
06 82 00 00-0067	LF		2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	15.34	3.14
06 82 00 00-0068			Fiberglass Threaded Rods (06 82 00 00-0001)		
06 82 00 00-0069	LF		3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	10.31	2.00
06 82 00 00-0070	LF		1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	10.93	2.00
06 82 00 00-0071	LF		5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	12.54	2.26
06 82 00 00-0072	LF		3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	13.75	2.26
06 82 00 00-0073	LF		1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin.....	15.12	2.26
06 82 00 00-0074			Grating Support Legs, VEFR Resin (06 82 00 00-0001)		

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 82 00 00-0075	EA	Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	15.64	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.70	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	25.21	

06 82 00 00-0078 Fiberglass Netting (06 82 00 00-0001)

06 82 00 00-0079	SF	1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.59	0.28
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.58	0.28
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.58	0.28
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.58	0.28
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.58	0.28
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.58	0.28

06 82 00 00-0089 Fiberglass Stair Treads (06 82)**06 82 00 00-0090 Fiberglass Stair Treads** (06 82 00 00-0089)**06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System** (06 82 00 00-0090)

06 82 00 00-0092	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	62.98	13.68
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	71.92	13.68
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	80.86	13.68
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	89.80	13.68
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	68.34	13.68
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	78.62	13.68
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	88.90	13.68
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	99.18	13.68
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	76.56	13.68
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	88.90	13.68
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	101.24	13.68
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	113.57	13.68

06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)

06 82 00 00-0105	EA	1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	68.09	13.68
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	78.30	13.68
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	88.52	13.68
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	98.74	13.68
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	74.22	13.68
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	85.96	13.68
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	97.72	13.68
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	109.46	13.68
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	83.62	13.68
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	97.71	13.68
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	111.81	13.68
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	125.91	13.68

06 82 00 00-0117 Other Fiberglass (06 82)**06 82 00 00-0118 Fiberglass Splash Blocks** (06 82 00 00-0117)

06 82 00 00-0119	EA	Standard Size Fiberglass Splash Block	11.26	2.81
------------------	----	---	-------	------

06 83 Composite Paneling (06 80)**06 83 00 00-0001 Fiberglass Reinforced Polyester (FRP) Panels** (06 83)

Note: Includes adhesive and trim.

06 83 00 00-0002	SF	Fiberglass Reinforced Polyester (FRP) Paneling Including Adhesive And Trim	3.40	1.41
------------------	----	--	------	------

END OF SECTION 06

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

07 Thermal And Moisture Protection

07 01 Operation And Maintenance Of Thermal And Moisture Protection⁽⁰⁷⁾

07 01 20 Maintenance Of Thermal Protection^(07 01)

07 01 20 00-0001	Stucco Repair ^(07 01 20) Note: Per location.		
07 01 20 00-0002	Crack Repairs ^(07 01 20 00-0001) Note: Includes plaster weld.		
07 01 20 00-0003	LF Up To 10', Chip, Clean And Repair Crack In Stucco	14.04	
07 01 20 00-0004	LF >10' To 50', Chip, Clean And Repair Crack In Stucco	11.25	
07 01 20 00-0005	LF >50' To 100', Chip, Clean And Repair Crack In Stucco	9.17	
07 01 20 00-0006	LF >100' To 250', Chip, Clean And Repair Crack In Stucco	7.09	
07 01 20 00-0007	LF >250' To 500', Chip, Clean And Repair Crack In Stucco	5.69	
07 01 20 00-0008	LF >500', Chip, Clean And Repair Crack In Stucco	4.31	
07 01 20 00-0009	Hole Repairs ^(07 01 20 00-0001) Note: Includes plaster weld.		
07 01 20 00-0010	SF Up To 10 SF, Cut And Patch Hole In Stucco To Match Existing	13.21	
07 01 20 00-0011	SF >10 To 50 SF, Cut And Patch Hole In Stucco To Match Existing	11.66	
07 01 20 00-0012	SF >50 To 100 SF, Cut And Patch Hole In Stucco To Match Existing	10.72	
07 01 20 00-0013	SF >100 To 250 SF, Cut And Patch Hole In Stucco To Match Existing	9.94	
07 01 20 00-0014	SF >250 To 500 SF, Cut And Patch Hole In Stucco To Match Existing	9.27	
07 01 20 00-0015	SF >500 SF, Cut And Patch Hole In Stucco To Match Existing	8.51	
07 01 20 00-0016	Damage Repairs ^(07 01 20 00-0001) Note: Includes plaster weld.		
07 01 20 00-0017	SF Up To 10 SF, Chip, Clean And Repair Stucco	25.13	
07 01 20 00-0018	SF >10 To 50 SF, Chip, Clean And Repair Stucco	18.17	
07 01 20 00-0019	SF >50 To 250 SF, Chip, Clean And Repair Stucco	13.31	
07 01 20 00-0020	SF >250 SF, Chip, Clean And Repair Stucco	10.53	

07 01 50 Maintenance Of Membrane Roofing^(07 01)

07 01 50 19 Preparation For Re-Roofing^(07 01 50)

07 01 50 19-0001	Preparation For Re-Roofing ^(07 01 50 19)		
07 01 50 19-0002	SQ Remove Pea Gravel Ballast From Roof, Vacuum And Disposal	19.27	
07 01 50 19-0003	SQ Remove Gravel Ballast From Roof, Vacuum And Disposal	32.11	

07 01 50 91 Roofing Restoration^(07 01 50)

07 01 50 91-0001	Pressure Wash Membrane Roofing ^(07 01 50 91)		
07 01 50 91-0002	SF Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.13	
	For Up To 100, Add	0.10	
	For >100 To 250, Add	0.05	
	For >250 To 500, Add	0.02	
	For >5,000 To 10,000, Deduct	-0.01	
	For >10,000 To 15,000, Deduct	-0.01	
	For >15,000 To 30,000, Deduct	-0.02	
	For >30,000, Deduct	-0.03	

07 05 Common Work Results For Thermal And Moisture Protection⁽⁰⁷⁾

07 05 13 Small Quantities And Repairs For Roofing^(07 05)

07 05 13 00-0001	Small Quantity Labor Set-Up Charge ^(07 05 13) Note: For use with all roofing tasks where the total roof quantity is 4 squares or less. This adjustment is to allow for minimum charge for labor. Excludes material cost or labor to install material.		
07 05 13 00-0002	EA Labor Crew Up-Charge For 1 SQ Or Less	883.47	
07 05 13 00-0003	EA Labor Crew Up-Charge For >1 To 2 SQ	661.01	
07 05 13 00-0004	EA Labor Crew Up-Charge For >2 To 3 SQ	441.73	
07 05 13 00-0005	EA Labor Crew Up-Charge For >3 To 4 SQ	220.34	
07 05 13 00-0006	Roof Repair ^(07 05 13) Note: Less than 100 SF areas.		
07 05 13 00-0007	SF Roof Repair, Built-Up Roofing, Up To 10 SF	18.22	
07 05 13 00-0008	SF Roof Repair, Built-Up Roofing, >10 To 25 SF	16.43	
07 05 13 00-0009	SF Roof Repair, Built-Up Roofing, >25 To 50 SF	15.01	
07 05 13 00-0010	SF Roof Repair, Built-Up Roofing, >50 To 100 SF	13.95	
07 05 13 00-0011	SF Roof Repair, Membrane Roofing, Up To 10 SF	20.88	
07 05 13 00-0012	SF Roof Repair, Membrane Roofing, >10 To 25 SF	19.09	
07 05 13 00-0013	SF Roof Repair, Membrane Roofing, >25 To 50 SF	17.67	

07 Thermal And Moisture Protection**07 05 Common Work Results For Thermal And Moisture Protection****07 05 13 Small Quantities And Repairs For Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 05 13 00-0014	SF	Roof Repair, Membrane Roofing, >50 To 100 SF.....	16.62	
07 05 13 00-0015	SF	Roof Repair, Shingle Roofing, Up To 10 SF.....	15.57	
07 05 13 00-0016	SF	Roof Repair, Shingle Roofing, >10 To 25 SF.....	14.04	
07 05 13 00-0017	SF	Roof Repair, Shingle Roofing, >25 To 50 SF.....	12.89	
07 05 13 00-0018	SF	Roof Repair, Shingle Roofing, >50 To 100 SF.....	12.10	
07 05 13 00-0019	LF	Heat Weld Roofing Seams For Repair.....	4.99	

07 05 13 00-0020 Emergency Roof Patch (07 05 13)

Note: 4 Hour response time.

07 05 13 00-0021	EA	Granule Emergency Roof Patch Cover 16 SF.....	75.28	
07 05 13 00-0022	EA	Mobilize For Emergency Roof Patching.....	293.55	

07 05 13 00-0023 Adhesives (07 05 13)

Note: For repair of seams.

07 05 13 00-0024 Mastic Sealer (07 05 13 00-0023)**07 05 13 00-0025 Applied At Joints Only (07 05 13 00-0024)**

07 05 13 00-0026	LF	Mastic Sealer, 1/4" Bead At Joint.....	2.94	1.25
------------------	----	--	------	------

07 10 Dampproofing And Waterproofing (07)

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost. Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 11 Dampproofing (07 10)**07 11 13 Bituminous Dampproofing (07 11)****07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray (07 11 13)**

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray.....	105.09	
07 11 13 00-0003	CSF	2 Coats, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray.....	163.90	

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On (07 11 13)

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On.....	178.91	
07 11 13 00-0006	CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On.....	274.77	

07 11 13 00-0007 Asphaltic Paint Dampproofing (07 11 13)

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On.....	85.25	
07 11 13 00-0009	CSF	2 Coats, Asphaltic Paint Dampproofing, Brushed On.....	157.27	

07 11 19 Sheet Dampproofing (07 11)**07 11 19 00-0001 Neoprene (07 11 19)**

07 11 19 00-0002	SF	1/16" Patch Neoprene Roof (5-20 SF).....	24.42	
------------------	----	--	-------	--

07 13 Sheet Waterproofing (07 10)**07 13 13 Bituminous Sheet Waterproofing (07 13)****07 13 13 00-0001 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped (07 13)**

07 13 13 00-0002	CSF	1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....	194.29	76.75
		<i>For 30 LB Felt, Add</i>	30.59	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-23.03	
07 13 13 00-0003	CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....	236.87	86.34
		<i>For 30 LB Felt, Add</i>	48.14	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-25.90	
07 13 13 00-0004	CSF	3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....	279.45	95.94
		<i>For 30 LB Felt, Add</i>	65.68	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-28.78	
07 13 13 00-0005	CSF	4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....	322.03	105.53
		<i>For 30 LB Felt, Add</i>	83.22	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-31.66	
07 13 13 00-0006	CSF	5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....	364.62	115.13
		<i>For 30 LB Felt, Add</i>	100.77	
		<i>For Application To Horizontal Surfaces, Deduct</i>	-34.54	

07 13 13 00-0007 Asphalt Coated Protective Board (07 13 13)

07 13 13 00-0008	CSF	1/8" Asphalt Coated Protective Board.....	182.12	70.78
		<i>For Application To Horizontal Surfaces, Deduct</i>	-23.61	
07 13 13 00-0009	CSF	1/4" Asphalt Coated Protective Board.....	256.91	73.50
		<i>For Application To Horizontal Surfaces, Deduct</i>	-24.50	
07 13 13 00-0010	CSF	3/8" Asphalt Coated Protective Board.....	347.15	76.60
		<i>For Application To Horizontal Surfaces, Deduct</i>	-25.52	
07 13 13 00-0011	CSF	1/2" Asphalt Coated Protective Board.....	392.02	79.68
		<i>For Application To Horizontal Surfaces, Deduct</i>	-26.57	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 Elastomeric Sheet Waterproofing (07 13)				
07 13 53 00-0001 Rubberized Membrane Sheet (07 13 53)				
07 13 53 00-0002	SF	215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface <i>For Floor Surfaces, Deduct</i>	5.41 -0.74	0.73
07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM) (07 13 53)				
07 13 53 00-0004	CSF	45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane <i>For Application To Horizontal Surfaces, Deduct</i>	377.66 -30.87	102.90
07 13 53 00-0005	CSF	60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane <i>For Application To Horizontal Surfaces, Deduct</i>	456.99 -30.87	102.90
07 13 53 00-0006 Butyl Sheet Waterproofing (07 13 53)				
07 13 53 00-0007	CSF	1/32" Butyl Sheet Waterproofing <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	71.88 9.52 52.89 -3.87	25.72
07 13 53 00-0008	CSF	1/16" Butyl Sheet Waterproofing <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	86.55 10.26 63.16 -3.87	25.72
07 13 53 00-0009 Butyl With Nylon (07 13 53)				
07 13 53 00-0010	CSF	1/32" Butyl Elastomeric Waterproofing With Nylon <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	80.26 9.94 58.76 -3.87	25.72
07 13 53 00-0011	CSF	1/16" Butyl Elastomeric Waterproofing With Nylon <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	89.69 10.41 65.36 -3.87	25.72
07 13 53 00-0012 Neoprene Sheet Waterproofing (07 13 53)				
07 13 53 00-0013	CSF	1/32" Neoprene Sheet Waterproofing <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	128.51 12.35 92.54 -3.87	25.72
07 13 53 00-0014	CSF	1/16" Neoprene Sheet Waterproofing <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	190.94 15.48 136.24 -3.87	25.72
07 13 53 00-0015 Neoprene With Nylon (07 13 53)				
07 13 53 00-0016	CSF	1/32" Neoprene Elastomeric Waterproofing With Nylon <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	135.02 12.68 97.09 -3.87	25.72
07 13 53 00-0017	CSF	1/16" Neoprene Elastomeric Waterproofing With Nylon <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	201.35 16.00 143.52 -3.87	25.72
07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) (07 13 53)				
07 13 53 00-0019	CSF	4 Mil Polyethylene Vapor Barrier <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	23.36 6.08 18.49 -3.20	9.65
07 13 53 00-0020	CSF	6 Mil Polyethylene Vapor Barrier <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	24.26 6.13 19.12 -3.20	9.65
07 13 53 00-0021	CSF	10 Mil Polyethylene Vapor Barrier <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	26.93 6.26 20.99 -3.20	9.65
07 13 53 00-0022	CSF	60 Mil Polyethylene Vapor Barrier With Bentonite <i>Note: Includes seam tape, liquid mastic, anchors and termination bar.</i> <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	96.18 10.27 69.70 -3.56	9.65
07 13 53 00-0023 Plastic Vapor Barrier (PVC) (07 13 53)				
07 13 53 00-0024	CSF	10 Mil Polyvinyl Chloride (PVC) Vapor Barrier <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	36.68 6.75 27.81 -3.20	10.68
07 13 53 00-0025	CSF	20 Mil Polyvinyl Chloride (PVC) Vapor Barrier <i>For Joint Taping, Add</i> <i>For Each Additional Ply, Add</i> <i>For Application To Horizontal Surfaces, Deduct</i>	48.63 7.53 36.26 -3.33	11.07

07 Thermal And Moisture Protection**07 10 Dampproofing And Waterproofing****07 13 Sheet Waterproofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0026	CSF		30 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	64.71	11.47
			<i>For Joint Taping, Add</i>	8.51	
			<i>For Each Additional Ply, Add</i>	47.59	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-3.44	
07 13 53 00-0027			Vinyl Plastic Vapor Barrier (07 13 53)		
07 13 53 00-0028	CSF		Tu-Tuf 4, 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints.....	28.03	9.88
07 14 Fluid-Applied Waterproofing (07 10)					
07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing (07 14)					
07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating (07 14 13)					
07 14 13 00-0002	SF		90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	1.49	
			<i>Note: Includes primer.</i>		
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.15	
			<i>For Reinforcing Fabric, Add</i>	0.31	
07 14 13 00-0003	SF		125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	1.71	
			<i>Note: Includes primer.</i>		
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.15	
			<i>For Reinforcing Fabric, Add</i>	0.31	
07 14 16 Cold Fluid-Applied Waterproofing (07 14)					
07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane (07 14 16)					
07 14 16 00-0002	SF		60 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	2.83	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.31	
07 14 16 00-0003	SF		90 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	3.31	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.33	
07 14 16 00-0004	SF		120 Mil Thick, Fluid Applied, Rubber Base, Polyurethane Applied In 2 Coats.....	3.82	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-0.35	
07 14 16 00-0005 One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)					
07 14 16 00-0006	SF		Chlorosulfonated Polyethylene Polymer 1 Part Solution, 15 Mil, Finish Coat.....	1.79	
07 14 16 00-0007 Copolymer Compound (07 14 16)					
07 14 16 00-0008	SF		Fluid Elastomeric Copolymer Compound For Slabs 32 Mil.....	2.83	
07 14 16 00-0009 Fluid Applied Neoprene (07 14 16)					
07 14 16 00-0010	CSF		Fluid Neoprene, 1/8" Fiberglass Reinforced.....	322.63	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-37.49	
07 14 16 00-0011	CSF		Fluid Neoprene, 50 Mil, 4 Coats.....	734.46	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-73.54	
07 14 16 00-0012	CSF		Fluid Neoprene, 90 Mil, 4 Coats.....	1,223.42	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-110.26	
07 16 Cementitious And Reactive Waterproofing (07 10)					
07 16 13 Polymer Modified Cement Waterproofing (07 16)					
07 16 13 00-0001	SF		Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	3.44	
			<i>Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.</i>		
07 16 16 Crystalline Waterproofing (07 16)					
07 16 16 00-0001	SF		Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	3.99	
07 16 19 Metal Oxide Waterproofing (07 16)					
07 16 19 00-0001 Metallic Oxide Waterproofing (07 16 19)					
			<i>Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.</i>		
07 16 19 00-0002	CSF		Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....	341.22	
			<i>For Application To Horizontal Surfaces, Deduct</i>	-44.94	
07 17 Bentonite Waterproofing (07 10)					
07 17 13 Bentonite Panel Waterproofing (07 17)					
07 17 13 00-0001	CSF		3/16" Bentonite Waterproofing Panels.....	334.54	84.46
			<i>For Application To Horizontal Surfaces, Deduct</i>	-25.34	
07 17 13 00-0002	CSF		1/4" Bentonite Waterproofing Panels.....	298.56	89.23
			<i>For Application To Horizontal Surfaces, Deduct</i>	-27.43	
07 17 13 00-0003	CSF		5/8" Bentonite Waterproofing Panels.....	427.90	93.06
			<i>For Application To Horizontal Surfaces, Deduct</i>	-27.91	
07 17 13 00-0004	CSF		3/8" Granular Bentonite, Troweled.....	343.97	77.40
			<i>For Application To Horizontal Surfaces, Deduct</i>	-23.21	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 19 Water Repellents (07 10)
07 19 13 Acrylic Sealer (07 19)

Note: Per coat.

07 19 13 00-0001	SF	Acrylic Sealer, Spray On Concrete	1.59	
07 19 13 00-0002	SF	Acrylic Sealer, Spray On Concrete Block/Brick.....	1.90	
07 19 13 00-0003	SF	Acrylic Sealer, Spray On Stone	2.09	

07 19 16 Silane Water Repellents (07 19)
07 19 16 00-0001 Silane Concrete Sealer (07 19 16)

07 19 16 00-0002	SF	Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.40	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.57	

07 19 16 00-0004 Silane/Siloxane Concrete Sealer (07 19 16)

07 19 16 00-0005	SF	Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	0.71	
		Note: 40% silane, alcohol based.		
07 19 16 00-0006	SF	Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.02	
		Note: 40% silane, alcohol based.		
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosooco Saltguard WB)	0.30	
		Note: 200 SF/GAL		
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosooco Saltguard WB)	0.43	

07 20 Thermal Protection (07)
07 21 Thermal Insulation (07 20)
07 21 13 Board Insulation (07 21)

Note: Types are stock sizes, mastic applied. See CSI section 07 22 16 00-0001 for rigid insulation for roofs.

07 21 13 13 Foam Board Insulation (07 21 13)
07 21 13 13-0001 Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13)

07 21 13 13-0002	SF	1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation.....	2.29	0.27
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 13-0003	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation	3.19	0.28
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 13-0004	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation.....	3.79	0.28
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 21 13 13-0005	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation	5.00	0.29
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	

07 21 13 13-0006 Expanded Polystyrene, Foam Board Insulation (07 21 13 13)

07 21 13 13-0007	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.03	0.27
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 13-0008	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.08	0.27
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 13-0009	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.23	0.27
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 21 13 13-0010	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.37	0.27
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 13-0011	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.95	0.28
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 21 13 13-0012	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.54	0.29
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 21 13 13-0013	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.12	0.29
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.17	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.31	
07 21 13 13-0014	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.70	0.30
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.24	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.37	
07 21 13 13-0015	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.29	0.31
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.45	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.45	

07 21 13 13-0016 Extruded Polystyrene, Foam Board Insulation (07 21 13 13)

Note: 15 PSI compressive strength.

07 21 13 13-0017	SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation.....	1.16	0.27
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
	<i>For 25 PSI Compressive Strength, Add</i>	0.11	
	<i>For 40 PSI Compressive Strength, Add</i>	0.27	
	<i>For 60 PSI Compressive Strength, Add</i>	0.43	
	<i>For 115 PSI Compressive Strength, Add</i>	1.87	
07 21 13 13-0018	SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation.....	1.35	0.27
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
	<i>For 25 PSI Compressive Strength, Add</i>	0.14	
	<i>For 40 PSI Compressive Strength, Add</i>	0.34	
	<i>For 60 PSI Compressive Strength, Add</i>	0.54	
	<i>For 115 PSI Compressive Strength, Add</i>	2.36	
07 21 13 13-0019	SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation.....	1.50	0.27
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
	<i>For 25 PSI Compressive Strength, Add</i>	0.17	
	<i>For 40 PSI Compressive Strength, Add</i>	0.40	
	<i>For 60 PSI Compressive Strength, Add</i>	0.63	
	<i>For 115 PSI Compressive Strength, Add</i>	2.74	
07 21 13 13-0020	SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation.....	1.58	0.27
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
	<i>For 25 PSI Compressive Strength, Add</i>	0.18	
	<i>For 40 PSI Compressive Strength, Add</i>	0.43	
	<i>For 60 PSI Compressive Strength, Add</i>	0.68	
	<i>For 115 PSI Compressive Strength, Add</i>	2.95	
07 21 13 13-0021	SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation.....	2.37	0.28
	<i>For Horizontal Surface Application, Deduct</i>	-0.05	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
	<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
	<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
	<i>For 25 PSI Compressive Strength, Add</i>	0.31	
	<i>For 40 PSI Compressive Strength, Add</i>	0.73	
	<i>For 60 PSI Compressive Strength, Add</i>	1.13	
	<i>For 115 PSI Compressive Strength, Add</i>	4.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0022	SF		3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation	3.17	0.29
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
			<i>For 40 PSI Compressive Strength, Add</i>	1.02	
			<i>For 60 PSI Compressive Strength, Add</i>	1.58	
			<i>For 115 PSI Compressive Strength, Add</i>	6.96	
07 21 13 13-0023	SF		4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation	3.57	0.29
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.17	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.31	
			<i>For 25 PSI Compressive Strength, Add</i>	0.49	
			<i>For 40 PSI Compressive Strength, Add</i>	1.17	
			<i>For 60 PSI Compressive Strength, Add</i>	1.81	
			<i>For 115 PSI Compressive Strength, Add</i>	7.96	
07 21 13 16 Fibrous Board Insulation (07 21 13)					
07 21 13 16-0001			Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16)		
07 21 13 16-0002	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	1.50	0.34
			<i>For Horizontal Surface Application, Deduct</i>	-0.06	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.08	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.23	
07 21 13 16-0003	SF		2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	2.20	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.28	
07 21 13 16-0004	SF		3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation	2.89	0.48
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.21	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.37	
07 21 13 16-0005			Fiberglass, Fibrous Board Insulation (07 21 13 16)		
07 21 13 16-0006	SF		1" Thick, R4.2, Fiberglass, Fibrous Board Insulation	2.63	0.27
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.04	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 16-0007	SF		1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation	2.94	0.28
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.19	
07 21 13 16-0008	SF		2" Thick, R8.0, Fiberglass, Fibrous Board Insulation	3.62	0.28
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.07	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	
07 21 13 16-0009	SF		2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation	4.16	0.28
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.25	
07 21 13 16-0010	SF		3" Thick, R12.4, Fiberglass, Fibrous Board Insulation	4.28	0.29
			<i>For Horizontal Surface Application, Deduct</i>	-0.05	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 21 13 19 Mineral Board Insulation (07 21 13)					
07 21 13 19-0001			High-Density Fiberboard, Mineral Board Insulation (07 21 13 19)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 19-0002	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation	1.14	0.31
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.06	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.21	
07 21 13 19-0003	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation	1.36	0.32
		<i>For Horizontal Surface Application, Deduct</i>	-0.05	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.07	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.22	
07 21 13 19-0004	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation	1.57	0.34
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.08	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.23	
07 21 13 19-0005	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation	1.95	0.37
		<i>For Horizontal Surface Application, Deduct</i>	-0.06	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.11	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.24	
07 21 13 19-0006	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation	2.34	0.41
		<i>For Horizontal Surface Application, Deduct</i>	-0.07	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.28	
07 21 13 19-0007	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation	1.14	0.48
		<i>For Horizontal Surface Application, Deduct</i>	-0.08	
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
		<i>For Factory Painted On One Surface Add</i>	0.17	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.21	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.37	

07 21 16 Blanket Insulation (07 21)

Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.

07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)

Note: Rolls or batts.

07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0003	SF	3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation.....	1.07	0.34
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation.....	1.15	0.34
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation.....	1.18	0.34
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation.....	1.54	0.34
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation.....	1.28	0.34
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation.....	1.99	0.42
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.11	0.42

07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.02	0.34
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.11	0.34
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.47	0.34
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	1.48	0.34
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.23	0.34
07 21 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	1.88	0.42
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation	2.04	0.42

07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0019	SF	3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.22	0.34
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	1.36	0.34
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	1.47	0.34
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation	2.20	0.42
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation.....	2.37	0.42

07 21 16 00-0024 Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)

07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation	1.10	0.34
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation	1.18	0.34
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation	1.59	0.34
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation	1.29	0.34
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation	1.99	0.42
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation	2.04	0.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0031			Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032			Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033	SF		3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation.....	1.19	0.34
07 21 16 00-0034	SF		6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation.....	1.57	0.34
07 21 16 00-0035	SF		9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation.....	2.49	0.34
07 21 16 00-0036	SF		12" Kraft Faced, R-38 Mineral Wool Flexible Insulation.....	2.83	0.34
07 21 16 00-0037			Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038	SF		3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation.....	1.11	0.34
07 21 16 00-0039	SF		6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation.....	1.44	0.34
07 21 16 00-0040	SF		9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation.....	2.25	0.34
07 21 16 00-0041	SF		12" Unfaced, R-38 Mineral Wool Flexible Insulation.....	2.54	0.34
07 21 16 00-0042			Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043			UltraTouch Natural Cotton Insulation (07 21 16 00-0042)		
			Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF		3-1/2", R-13 UltraTouch Natural Cotton Insulation.....	1.62	0.34
07 21 16 00-0045	SF		5-1/2", R-19 UltraTouch Natural Cotton Insulation.....	1.83	0.34
07 21 16 00-0046	SF		5-1/2", R-21 UltraTouch Natural Cotton Insulation.....	2.04	0.34
07 21 16 00-0047	SF		8", R-30 UltraTouch Natural Cotton Insulation.....	2.77	0.34
07 21 19			Foamed-In-Place Insulation (07 21)		
07 21 19 16			Polyurethane Foam Insulation (07 21 19)		
07 21 19 16-0001			Foam Sprayed On Insulation (07 21 19 16)		
07 21 19 16-0002	SF		1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	0.92	
07 21 19 16-0003	SF		2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.53	
07 21 19 16-0004	SF		3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.15	
07 21 19 16-0005	SF		4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.76	
07 21 19 16-0006	SF		5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.37	
07 21 19 16-0007	SF		6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.98	
07 21 19 16-0008	SF		1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	1.77	
07 21 19 16-0009	SF		2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	2.76	
07 21 19 16-0010	SF		3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	3.75	
07 21 19 16-0011	SF		4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	4.75	
07 21 19 16-0012	SF		5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	5.75	
07 21 19 16-0013	SF		6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation.....	6.75	
07 21 23			Loose-Fill Insulation (07 21)		
07 21 23 00-0001			Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF		R-3.5/Inch, Poured Type, Fiberglass Loose Fill Insulation.....	5.01	1.95
07 21 23 00-0003	CF		R-3.7/Inch, Poured Type, Cellulose Loose Fill Insulation.....	5.36	1.95
07 21 23 00-0004			Concrete Block Wall Cavity Insulation (07 21 23)		
07 21 23 00-0005	CF		R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation.....	6.92	1.95
07 21 23 00-0006	CF		R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation.....	6.86	1.95
07 21 26			Blown Insulation (07 21)		
07 21 26 00-0001			Fiberglass Blown-In Insulation (07 21 26)		
07 21 26 00-0002			Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0003	SF		3-3/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....	1.11	0.86
07 21 26 00-0004	SF		6-1/4" Thick, R-19 Attic, Fiberglass Blown In Insulation.....	1.42	1.04
07 21 26 00-0005	SF		7-1/4" Thick, R-22 Attic, Fiberglass Blown In Insulation.....	1.56	1.12
07 21 26 00-0006	SF		10-1/4" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	1.82	1.21
07 21 26 00-0007	SF		12-3/4" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	2.08	1.30
07 21 26 00-0008	SF		13-1/2" Thick, R-40 Attic, Fiberglass Blown In Insulation.....	2.26	1.39
07 21 26 00-0009	SF		14-3/4" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	2.31	1.39
07 21 26 00-0010	SF		16-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	2.42	1.39
07 21 26 00-0011	SF		19" Thick, R-56 Attic, Fiberglass Blown In Insulation.....	2.67	1.39
07 21 26 00-0012	SF		21" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	2.68	1.39
07 21 26 00-0013			New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0014	SF		3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation.....	1.56	0.86
07 21 26 00-0015	SF		5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation.....	2.08	1.04
07 21 26 00-0016	SF		7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation.....	2.46	1.12
07 21 26 00-0017	SF		9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation.....	2.93	1.21
07 21 26 00-0018			Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
			Note: Includes drilling. Excludes patching.		
07 21 26 00-0019	SF		3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation.....	1.48	0.86
07 21 26 00-0020	SF		5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation.....	2.01	1.04
07 21 26 00-0021	SF		7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation.....	2.38	1.12

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 26 00-0022	SF	9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	2.85	1.21
07 21 26 00-0023		Cellulose Blown-In Insulation (07 21 26)		
07 21 26 00-0024		Attic, Cellulose Blown-In Insulation (07 21 26 00-0023)		
07 21 26 00-0025	SF	3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation.....	1.13	0.86
07 21 26 00-0026	SF	5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation.....	1.36	0.95
07 21 26 00-0027	SF	6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation.....	1.53	1.04
07 21 26 00-0028	SF	7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation.....	1.77	1.12
07 21 26 00-0029	SF	8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation.....	1.81	1.12
07 21 26 00-0030	SF	10-1/2" Thick, R-38 Attic, Cellulose Blown In Insulation.....	2.11	1.21
07 21 26 00-0031	SF	11" Thick, R-40 Attic, Cellulose Blown In Insulation.....	2.17	1.21
07 21 26 00-0032	SF	13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation.....	2.54	1.30
07 21 26 00-0033	SF	16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation.....	2.89	1.39
07 21 26 00-0034		New Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)		
07 21 26 00-0035	SF	3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.52	0.86
07 21 26 00-0036	SF	5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.03	1.04
07 21 26 00-0037	SF	7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.38	1.12
07 21 26 00-0038	SF	9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	2.83	1.21
07 21 26 00-0039		Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0023)		
		Note: Includes drilling, Excludes patching.		
07 21 26 00-0040	SF	3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.44	0.86
07 21 26 00-0041	SF	5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	1.95	1.04
07 21 26 00-0042	SF	7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.30	1.12
07 21 26 00-0043	SF	9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	2.75	1.21
07 21 29		Sprayed Insulation (07 21)		
07 21 29 00-0001		Fiber Sprayed On Insulation (07 21 29)		
07 21 29 00-0002	SF	1" Spray, R2.7 Perlite Insulation	1.76	0.50
07 21 29 00-0003	SF	1" Spray, R3.7 Fibrous/Cementitious Insulation.....	1.29	0.50
07 21 29 00-0004		Cellulose Sprayed On Insulation (07 21 29)		
07 21 29 00-0005	SF	1" Thick - Cellulose Spray-on Insulation	2.51	0.50
07 21 53		Reflective Insulation (07 21)		
07 21 53 00-0001		Reflective Barrier Insulation (Foil - Single Bubble - Foil) (07 21 53)		
07 21 53 00-0002	SF	3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	0.72	
07 22		Roof And Deck Insulation (07 22)		
07 22 16		Roof Board Insulation (07 22)		
		Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
07 22 16 00-0001		Rigid Board Roofing Insulation (07 22 16)		
07 22 16 00-0002		High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0001)		
07 22 16 00-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation	1.42	
		For Hot-Mopped, Deduct	-0.15	
		For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
		For Mechanically Fastened To Concrete, Add	0.15	
		For Mechanically Fastened To Gypsum, Add	0.30	
07 22 16 00-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation	1.65	
		For Hot-Mopped, Deduct	-0.15	
		For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
		For Mechanically Fastened To Concrete, Add	0.16	
		For Mechanically Fastened To Gypsum, Add	0.31	
07 22 16 00-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation	1.88	
		For Hot-Mopped, Deduct	-0.14	
		For Mechanically Fastened To Wood Or Steel, Deduct	-0.14	
		For Mechanically Fastened To Concrete, Add	0.18	
		For Mechanically Fastened To Gypsum, Add	0.33	
07 22 16 00-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation	2.30	
		For Hot-Mopped, Deduct	-0.13	
		For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
		For Mechanically Fastened To Concrete, Add	0.23	
		For Mechanically Fastened To Gypsum, Add	0.36	
07 22 16 00-0007	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation	2.71	
		For Hot-Mopped, Deduct	-0.13	
		For Mechanically Fastened To Wood Or Steel, Deduct	-0.09	
		For Mechanically Fastened To Concrete, Add	0.26	
		For Mechanically Fastened To Gypsum, Add	0.41	
07 22 16 00-0008		Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0001)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0009	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.53	
			<i>For Hot-Mopped, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.18	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.33	
07 22 16 00-0010	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation.....	1.81	
			<i>For Hot-Mopped, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.18	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.33	
07 22 16 00-0011			Perlite, Roof Board Insulation (07 22 16 00-0001)		
07 22 16 00-0012	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation.....	1.37	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0013	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation.....	1.51	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0014	SF		1" Thick, R2.78, Perlite, Roof Board Insulation.....	1.67	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0015	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation.....	2.06	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0016	SF		2" Thick, R5.56, Perlite, Roof Board Insulation.....	2.31	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
07 22 16 00-0017			Basalt Rock Wool, Roof Board Insulation (07 22 16 00-0001)		
07 22 16 00-0018	SF		1" Thick, R3.5, Basalt Rock Wool, Roof Board Insulation.....	1.88	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0019	SF		2" Thick, R7.4, Basalt Rock Wool, Roof Board Insulation.....	2.51	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
07 22 16 00-0020	SF		3" Thick, R11.1, Basalt Rock Wool, Roof Board Insulation.....	3.25	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.35	
07 22 16 00-0021			Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0001)		
07 22 16 00-0022	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation.....	3.44	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
07 22 16 00-0023	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation.....	4.05	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
07 22 16 00-0024	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation.....	5.26	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.35	
07 22 16 00-0025	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation.....	6.46	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.25	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.36	
07 22 16 00-0026			Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0001)		
07 22 16 00-0027	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS).....	1.32	
			<i>For Loose-Laid, Deduct</i>	-0.70	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.28	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0028	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.37	
		<i>For Loose-Laid, Deduct</i>	-0.70	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.13	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.28	
07 22 16 00-0029	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.53	
		<i>For Loose-Laid, Deduct</i>	-0.71	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
07 22 16 00-0030	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	1.67	
		<i>For Loose-Laid, Deduct</i>	-0.71	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.29	
07 22 16 00-0031	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.26	
		<i>For Loose-Laid, Deduct</i>	-0.72	
		<i>For Hot-Mopped, Deduct</i>	-0.15	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.16	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.31	
07 22 16 00-0032	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	2.85	
		<i>For Loose-Laid, Deduct</i>	-0.73	
		<i>For Hot-Mopped, Deduct</i>	-0.15	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.21	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.37	
07 22 16 00-0033	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	3.45	
		<i>For Loose-Laid, Deduct</i>	-0.74	
		<i>For Hot-Mopped, Deduct</i>	-0.15	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.28	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.42	
07 22 16 00-0034	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.04	
		<i>For Loose-Laid, Deduct</i>	-0.75	
		<i>For Hot-Mopped, Deduct</i>	-0.15	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.35	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.48	
07 22 16 00-0035	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS)	4.64	
		<i>For Loose-Laid, Deduct</i>	-0.76	
		<i>For Hot-Mopped, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.56	

07 22 16 00-0036 Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0001)

Note: 15 PSI compressive strength.

07 22 16 00-0037	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation	1.75	
		<i>For Loose-Laid, Deduct</i>	-0.68	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
		<i>For 25 PSI Compressive Strength, Add</i>	0.17	
		<i>For 40 PSI Compressive Strength, Add</i>	0.40	
		<i>For 60 PSI Compressive Strength, Add</i>	0.64	
		<i>For 115 PSI Compressive Strength, Add</i>	2.77	
07 22 16 00-0038	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation	1.83	
		<i>For Loose-Laid, Deduct</i>	-0.68	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
		<i>For 25 PSI Compressive Strength, Add</i>	0.18	
		<i>For 40 PSI Compressive Strength, Add</i>	0.43	
		<i>For 60 PSI Compressive Strength, Add</i>	0.69	
		<i>For 115 PSI Compressive Strength, Add</i>	2.97	
07 22 16 00-0039	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation	2.22	
		<i>For Loose-Laid, Deduct</i>	-0.68	
		<i>For Hot-Mopped, Deduct</i>	-0.16	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
		<i>For 25 PSI Compressive Strength, Add</i>	0.24	
		<i>For 40 PSI Compressive Strength, Add</i>	0.58	
		<i>For 60 PSI Compressive Strength, Add</i>	0.92	
		<i>For 100 PSI Compressive Strength, Add</i>	1.18	
		<i>For 115 PSI Compressive Strength, Add</i>	3.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
07 22 16 00-0040	SF		2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation.....	2.63	
			<i>For Loose-Laid, Deduct</i>	-0.69	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
			<i>For 25 PSI Compressive Strength, Add</i>	0.31	
			<i>For 40 PSI Compressive Strength, Add</i>	0.73	
			<i>For 60 PSI Compressive Strength, Add</i>	1.14	
			<i>For 115 PSI Compressive Strength, Add</i>	4.98	
07 22 16 00-0041	SF		2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation.....	3.02	
			<i>For Loose-Laid, Deduct</i>	-0.69	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.33	
			<i>For 25 PSI Compressive Strength, Add</i>	0.37	
			<i>For 40 PSI Compressive Strength, Add</i>	0.87	
			<i>For 60 PSI Compressive Strength, Add</i>	1.37	
			<i>For 100 PSI Compressive Strength, Add</i>	1.76	
			<i>For 115 PSI Compressive Strength, Add</i>	5.98	
07 22 16 00-0042	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation.....	3.43	
			<i>For Loose-Laid, Deduct</i>	-0.70	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.35	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
			<i>For 40 PSI Compressive Strength, Add</i>	1.02	
			<i>For 60 PSI Compressive Strength, Add</i>	1.60	
			<i>For 115 PSI Compressive Strength, Add</i>	6.99	
07 22 16 00-0043	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation.....	3.84	
			<i>For Loose-Laid, Deduct</i>	-0.71	
			<i>For Hot-Mopped, Deduct</i>	-0.15	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.26	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.40	
			<i>For 25 PSI Compressive Strength, Add</i>	0.49	
			<i>For 40 PSI Compressive Strength, Add</i>	1.17	
			<i>For 60 PSI Compressive Strength, Add</i>	1.82	
			<i>For 115 PSI Compressive Strength, Add</i>	7.99	
07 22 16 00-0044			Polyisocyanurate Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0045	SF		3/4" Thick, R5.1, Polyisocyanurate, Roof Board Insulation.....	1.58	
			<i>For Loose-Laid, Deduct</i>	-0.68	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.09	
07 22 16 00-0046	SF		1" Thick, R7.14, Polyisocyanurate, Roof Board Insulation.....	1.63	
			<i>For Loose-Laid, Deduct</i>	-0.68	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.12	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.09	
07 22 16 00-0047	SF		1-1/2" Thick, R10.87, Polyisocyanurate, Roof Board Insulation.....	1.72	
			<i>For Loose-Laid, Deduct</i>	-0.69	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.14	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.27	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.10	
07 22 16 00-0048	SF		2" Thick, R14.29, Polyisocyanurate, Roof Board Insulation.....	1.95	
			<i>For Loose-Laid, Deduct</i>	-0.69	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.15	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.30	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.12	
07 22 16 00-0049	SF		2-1/2" Thick, R16.67, Polyisocyanurate, Roof Board Insulation.....	2.18	
			<i>For Loose-Laid, Deduct</i>	-0.70	
			<i>For Hot-Mopped, Deduct</i>	-0.16	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.19	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.33	
			<i>For Foil Facer, Add</i>	0.36	
			<i>For 25 PSI Compressive Strength, Add</i>	0.15	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0050	SF	3" Thick, R21.74, Polyisocyanurate, Roof Board Insulation.....	2.41
		<i>For Loose-Laid, Deduct</i>	-0.70
		<i>For Hot-Mopped, Deduct</i>	-0.16
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05
		<i>For Mechanically Fastened To Concrete, Add</i>	0.19
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.35
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.17
07 22 16 00-0051	SF	3-1/2" Thick, R25, Polyisocyanurate, Roof Board Insulation.....	2.66
		<i>For Loose-Laid, Deduct</i>	-0.71
		<i>For Hot-Mopped, Deduct</i>	-0.16
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01
		<i>For Mechanically Fastened To Concrete, Add</i>	0.26
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.37
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.19
07 22 16 00-0052	SF	4" Thick, R28.8, Polyisocyanurate, Roof Board Insulation.....	2.89
		<i>For Loose-Laid, Deduct</i>	-0.71
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01
		<i>For Mechanically Fastened To Concrete, Add</i>	0.26
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.40
		<i>For Foil Facer, Add</i>	0.36
		<i>For 25 PSI Compressive Strength, Add</i>	0.21
07 22 16 00-0053		High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0001)	
07 22 16 00-0054	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation.....	1.78
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0055		Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0001)	
07 22 16 00-0056	SF	1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum).....	1.70
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0057	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum).....	1.79
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0058	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum).....	1.85
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0059	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum).....	1.89
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0060		Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0001)	
07 22 16 00-0061	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat).....	1.67
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0062	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat).....	1.81
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0063	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat).....	1.84
		<i>For Hot-Mopped, Deduct</i>	-0.15
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14
		<i>For Mechanically Fastened To Concrete, Add</i>	0.15
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.30
07 22 16 00-0064		Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0001)	
		Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.	
07 22 16 00-0065	SF	1.5" Thick, R6.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.82
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09
		<i>For Mechanically Fastened To Concrete, Add</i>	0.25
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.40
07 22 16 00-0066	SF	2" Thick, R9.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	2.95
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.09
		<i>For Mechanically Fastened To Concrete, Add</i>	0.26
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.41
07 22 16 00-0067	SF	2.5" Thick, R12.7, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.14
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05
		<i>For Mechanically Fastened To Concrete, Add</i>	0.30
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0068	SF		3" Thick, R15.9, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.26	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.31	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.47	
07 22 16 00-0069	SF		3.5" Thick, R19.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.52	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.48	
07 22 16 00-0070	SF		4" Thick, R22.3, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.63	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.38	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.52	
07 22 16 00-0071	SF		4.5" Thick, R25.6, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation.....	3.83	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.60	
07 22 16 00-0072			Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0001)		
			Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0073	SF		2.5" Thick, R6.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	2.84	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.29	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.43	
07 22 16 00-0074	SF		3" Thick, R9.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	3.08	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.30	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.46	
07 22 16 00-0075	SF		3.5" Thick, R12.1, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	3.37	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.36	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.47	
07 22 16 00-0076	SF		4" Thick, R15.3, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	3.55	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.37	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.51	
07 22 16 00-0077	SF		4.5" Thick, R18.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	3.79	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.56	
07 22 16 00-0078	SF		5" Thick, R21.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	4.04	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.44	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.57	
07 22 16 00-0079	SF		5.5" Thick, R25.0, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation.....	4.51	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.68	
			<i>For Mechanically Fastened To Gypsum, Add</i>	0.68	
07 22 16 00-0080			Rigid Board Tapered Roofing Insulation (07 22 16)		
			Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0081			Tapered Polyisocyanurate Board (07 22 16 00-0080)		
			Note: Includes polyurethane adhesive.		
07 22 16 00-0082			1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0081)		
07 22 16 00-0083	SF		2.25" Average Thickness (13.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board.....	2.83	
			<i>For 25 PSI Compressive Strength, Add</i>	0.17	
			<i>For Hot-Mopped, Deduct</i>	-0.12	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.65	
07 22 16 00-0084	SF		2.75" Average Thickness (16.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board.....	4.04	
			<i>For 25 PSI Compressive Strength, Add</i>	0.20	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.11	
07 22 16 00-0085	SF		3.25" Average Thickness (19.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board.....	4.35	
			<i>For 25 PSI Compressive Strength, Add</i>	0.23	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0086	SF		3.75" Average Thickness (22.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board.....	4.65	
			<i>For 25 PSI Compressive Strength, Add</i>	0.26	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.14	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 22 16 00-0087	SF 4.25" Average Thickness (25.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	4.95	
	For 25 PSI Compressive Strength, Add	0.29	
	For Hot-Mopped, Deduct	-0.24	
	For Mechanically Fastened To Wood Or Steel, Add	0.01	
	For Mechanically Fastened To Concrete, Add	0.52	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.17	
07 22 16 00-0088	SF 4.75" Average Thickness (28.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	6.16	
	For 25 PSI Compressive Strength, Add	0.32	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.07	
	For Mechanically Fastened To Concrete, Add	0.81	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
07 22 16 00-0089	SF 5.25" Average Thickness (31.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	6.46	
	For 25 PSI Compressive Strength, Add	0.35	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.07	
	For Mechanically Fastened To Concrete, Add	0.81	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
07 22 16 00-0090	SF 5.75" Average Thickness (34.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	6.76	
	For 25 PSI Compressive Strength, Add	0.38	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.28	
	For Mechanically Fastened To Concrete, Add	1.02	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.75	
07 22 16 00-0091	SF 6.25" Average Thickness (37.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	7.06	
	For 25 PSI Compressive Strength, Add	0.41	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.28	
	For Mechanically Fastened To Concrete, Add	1.02	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.75	
07 22 16 00-0092	SF 6.75" Average Thickness (40.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board	8.28	
	For 25 PSI Compressive Strength, Add	0.44	
	For Hot-Mopped, Deduct	-0.46	
	For Mechanically Fastened To Wood Or Steel, Add	0.35	
	For Mechanically Fastened To Concrete, Add	1.31	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.37	
07 22 16 00-0093	1/4" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0081)</small>	2.68	
07 22 16 00-0094	SF 2" Average Thickness (12 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	2.68	
	For 25 PSI Compressive Strength, Add	0.16	
	For Hot-Mopped, Deduct	-0.12	
	For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	For Mechanically Fastened To Concrete, Add	0.23	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	0.65	
07 22 16 00-0095	SF 3" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	4.19	
	For 25 PSI Compressive Strength, Add	0.22	
	For Hot-Mopped, Deduct	-0.24	
	For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	For Mechanically Fastened To Concrete, Add	0.46	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.11	
07 22 16 00-0096	SF 4" Average Thickness (24 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	4.80	
	For 25 PSI Compressive Strength, Add	0.28	
	For Hot-Mopped, Deduct	-0.24	
	For Mechanically Fastened To Wood Or Steel, Add	0.01	
	For Mechanically Fastened To Concrete, Add	0.52	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.14	
07 22 16 00-0097	SF 5" Average Thickness (30 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	6.31	
	For 25 PSI Compressive Strength, Add	0.34	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.07	
	For Mechanically Fastened To Concrete, Add	0.81	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	
07 22 16 00-0098	SF 6" Average Thickness (36 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	6.91	
	For 25 PSI Compressive Strength, Add	0.40	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.28	
	For Mechanically Fastened To Concrete, Add	1.02	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.75	
07 22 16 00-0099	SF 7" Average Thickness (42 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board	8.43	
	For 25 PSI Compressive Strength, Add	0.46	
	For Hot-Mopped, Deduct	-0.46	
	For Mechanically Fastened To Wood Or Steel, Add	0.35	
	For Mechanically Fastened To Concrete, Add	1.31	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.37	
07 22 16 00-0100	1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0081)</small>	4.50	
07 22 16 00-0101	SF 3.5" Average Thickness (21 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	4.50	
	For 25 PSI Compressive Strength, Add	0.25	
	For Hot-Mopped, Deduct	-0.24	
	For Mechanically Fastened To Wood Or Steel, Deduct	-0.05	
	For Mechanically Fastened To Concrete, Add	0.46	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.13	
07 22 16 00-0102	SF 5.5" Average Thickness (33 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board	6.61	
	For 25 PSI Compressive Strength, Add	0.37	
	For Hot-Mopped, Deduct	-0.34	
	For Mechanically Fastened To Wood Or Steel, Add	0.07	
	For Mechanically Fastened To Concrete, Add	0.81	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0103	SF		7.5" Average Thickness (45 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board 8.73 For 25 PSI Compressive Strength, Add 0.49 For Hot-Mopped, Deduct -0.46 For Mechanically Fastened To Wood Or Steel, Add 0.35 For Mechanically Fastened To Concrete, Add 1.31 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 2.37		
07 22 16 00-0104	SF		9.5" Average Thickness (57 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board 10.86 For 25 PSI Compressive Strength, Add 0.61 For Hot-Mopped, Deduct -0.57 For Mechanically Fastened To Wood Or Steel, Add 0.67 For Mechanically Fastened To Concrete, Add 1.86		
07 22 16 00-0105			Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0080) Note: Includes polyurethane adhesive.		
07 22 16 00-0106			1/8" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0105)		
07 22 16 00-0107	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 2.49 For Mechanically Fastened To Wood Or Steel, Deduct -0.05 For Mechanically Fastened To Concrete, Add 0.23 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 0.65		
07 22 16 00-0108	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 3.71 For Mechanically Fastened To Wood Or Steel, Deduct -0.05 For Mechanically Fastened To Concrete, Add 0.46 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.11		
07 22 16 00-0109	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 3.94 For Mechanically Fastened To Wood Or Steel, Deduct -0.05 For Mechanically Fastened To Concrete, Add 0.46 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.13		
07 22 16 00-0110	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 4.16 For Mechanically Fastened To Wood Or Steel, Add 0.01 For Mechanically Fastened To Concrete, Add 0.52 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.14		
07 22 16 00-0111	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 4.39 For Mechanically Fastened To Wood Or Steel, Add 0.01 For Mechanically Fastened To Concrete, Add 0.52 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.17		
07 22 16 00-0112	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 5.60 For Mechanically Fastened To Wood Or Steel, Add 0.07 For Mechanically Fastened To Concrete, Add 0.81 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.67		
07 22 16 00-0113	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 5.83 For Mechanically Fastened To Wood Or Steel, Add 0.07 For Mechanically Fastened To Concrete, Add 0.81 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.67		
07 22 16 00-0114	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 6.06 For Mechanically Fastened To Wood Or Steel, Add 0.28 For Mechanically Fastened To Concrete, Add 1.02 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.75		
07 22 16 00-0115	SF		6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 6.28 For Mechanically Fastened To Wood Or Steel, Add 0.28 For Mechanically Fastened To Concrete, Add 1.02 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.75		
07 22 16 00-0116	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) 7.50 For Mechanically Fastened To Wood Or Steel, Add 0.35 For Mechanically Fastened To Concrete, Add 1.31 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 2.37		
07 22 16 00-0117			1/4" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0105)		
07 22 16 00-0118	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 2.38 For Mechanically Fastened To Wood Or Steel, Deduct -0.05 For Mechanically Fastened To Concrete, Add 0.23 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 0.65		
07 22 16 00-0119	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 3.82 For Mechanically Fastened To Wood Or Steel, Deduct -0.05 For Mechanically Fastened To Concrete, Add 0.46 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.11		
07 22 16 00-0120	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 4.28 For Mechanically Fastened To Wood Or Steel, Add 0.01 For Mechanically Fastened To Concrete, Add 0.52 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.14		
07 22 16 00-0121	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 5.72 For Mechanically Fastened To Wood Or Steel, Add 0.07 For Mechanically Fastened To Concrete, Add 0.81 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.67		
07 22 16 00-0122	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 6.17 For Mechanically Fastened To Wood Or Steel, Add 0.28 For Mechanically Fastened To Concrete, Add 1.02 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 1.75		
07 22 16 00-0123	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) 7.61 For Mechanically Fastened To Wood Or Steel, Add 0.35 For Mechanically Fastened To Concrete, Add 1.31 For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add 2.37		
07 22 16 00-0124			1/2" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0105)		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 22 16 00-0125	SF	3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	4.05	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0126	SF	5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	5.94	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0127	SF	7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	7.84	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	
07 22 16 00-0128	SF	9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)	9.97	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.67	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.86	
07 22 16 00-0129		Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0080)		
		Note: Includes polyurethane adhesive.		
07 22 16 00-0130		1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0129)		
07 22 16 00-0131	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	2.76	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.23	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.65	
07 22 16 00-0132	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	3.98	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.11	
07 22 16 00-0133	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.26	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0134	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.55	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.14	
07 22 16 00-0135	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.84	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.17	
07 22 16 00-0136	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.05	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0137	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.34	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0138	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.62	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0139	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.91	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0140	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS).....	8.12	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	
07 22 16 00-0141		1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0129)		
07 22 16 00-0142	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	2.62	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.23	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.65	
07 22 16 00-0143	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.12	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.11	
07 22 16 00-0144	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.69	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.14	
07 22 16 00-0145	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.19	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0146	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.77	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0147	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS).....	8.27	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	

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

07 22 16 00-0148			1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) (07 22 16 00-0129)		
07 22 16 00-0149	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	4.41	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0150	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	6.48	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0151	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	8.55	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	
07 22 16 00-0152	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS).....	10.63	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.67	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.86	

07 22 16 00-0153 Tapered Perlite Board (07 22 16 00-0080)
 Note: Includes polyurethane adhesive.

07 22 16 00-0154			1/8" Slope, Tapered Perlite Board (07 22 16 00-0153)		
07 22 16 00-0155	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board	3.70	
			<i>For Hot-Mopped, Deduct</i>	-0.12	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.65	
07 22 16 00-0156	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board	4.72	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.11	
07 22 16 00-0157	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board	5.24	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0158	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board	5.67	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.14	
07 22 16 00-0159	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board	6.18	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.17	
07 22 16 00-0160	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board	7.19	
			<i>For Hot-Mopped, Deduct</i>	-0.34	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0161	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board	7.71	
			<i>For Hot-Mopped, Deduct</i>	-0.34	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0162	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board	8.14	
			<i>For Hot-Mopped, Deduct</i>	-0.34	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0163	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board	8.65	
			<i>For Hot-Mopped, Deduct</i>	-0.34	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0164	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board	9.67	
			<i>For Hot-Mopped, Deduct</i>	-0.46	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	

07 22 16 00-0165 1/4" Slope, Tapered Perlite Board (07 22 16 00-0153)

07 22 16 00-0166	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board	3.45	
			<i>For Hot-Mopped, Deduct</i>	-0.12	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.23	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	0.65	
07 22 16 00-0167	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board	4.98	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.11	
07 22 16 00-0168	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board	5.93	
			<i>For Hot-Mopped, Deduct</i>	-0.24	
			<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	0.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.14	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof And Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0169	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board	7.45	
		<i>For Hot-Mopped, Deduct</i>	-0.34	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0170	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board	8.40	
		<i>For Hot-Mopped, Deduct</i>	-0.34	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.28	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.02	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.75	
07 22 16 00-0171	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board	9.93	
		<i>For Hot-Mopped, Deduct</i>	-0.46	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	
07 22 16 00-0172		1/2" Slope, Tapered Perlite Board <small>(07 22 16 00-0153)</small>		
07 22 16 00-0173	SF	3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board	5.49	
		<i>For Hot-Mopped, Deduct</i>	-0.24	
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.05	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.46	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.13	
07 22 16 00-0174	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board	7.96	
		<i>For Hot-Mopped, Deduct</i>	-0.34	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.07	
		<i>For Mechanically Fastened To Concrete, Add</i>	0.81	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.67	
07 22 16 00-0175	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board	10.44	
		<i>For Hot-Mopped, Deduct</i>	-0.46	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.35	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	2.37	
07 22 16 00-0176	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board	12.92	
		<i>For Hot-Mopped, Deduct</i>	-0.57	
		<i>For Mechanically Fastened To Wood Or Steel, Add</i>	0.67	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.86	
07 22 16 00-0177		Demolish Rigid Board Roofing Insulation <small>(07 22 16)</small>		
		Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).		
07 22 16 00-0178	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.42	
07 22 16 00-0179	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation.....	0.43	
07 22 16 00-0180	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.44	
07 22 16 00-0181	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.45	
07 22 16 00-0182	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.46	
07 22 16 00-0183	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.48	
07 22 16 00-0184	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.49	
07 22 16 00-0185	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.50	
07 22 16 00-0186	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.51	
07 22 16 00-0187	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.52	
07 22 16 00-0188	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation.....	0.53	
07 22 16 00-0189	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....	0.55	
07 22 16 00-0190	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....	0.56	

07 24 Exterior Insulation And Finish Systems (07 20)**07 24 13 Polymer-Based Exterior Insulation And Finish System** (07 24)**07 24 13 00-0001 Exterior Insulation Finishing System (EIFS)** (07 24 13)**07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS)** (07 24 13 00-0001)

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	2.39	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 500, Add</i>	0.28	
		<i>For >5,000, Deduct</i>	-0.11	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.40	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.69	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	2.67	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 500, Add</i>	0.28	
		<i>For >5,000, Deduct</i>	-0.11	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.42	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.70	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	2.96	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 500, Add</i>	0.28	
		<i>For >5,000, Deduct</i>	-0.11	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.47	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0006	SF		2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	3.24	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.52	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.81	
07 24 13 00-0007	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	3.53	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.52	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.81	
07 24 13 00-0008	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.10	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
			<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	0.59	
			<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	0.88	
07 24 13 00-0009			Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001) Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.		
07 24 13 00-0010	SF		4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat	3.26	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0011	SF		6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat	3.56	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0012	SF		15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat	4.35	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0013	SF		20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat	4.59	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0014			Base Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0015	SF		Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	1.60	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0016	SF		Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	1.82	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0017	SF		Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	3.00	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0018	SF		Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®)	3.93	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.28	
			<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0019			Finish Coats For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001) Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020	SF		100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	2.79	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0021	SF		100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish)	2.83	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0022	SF		Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish)	3.18	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 500, Add</i>	0.57	
			<i>For >5,000, Deduct</i>	-0.23	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation And Finish Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	3.49	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	3.18	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	3.49	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth)	2.88	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	3.20	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	5.95	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 500, Add</i>	0.57	
		<i>For >5,000, Deduct</i>	-0.23	
07 24 13 00-0029		Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....	0.82	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 500, Add</i>	0.16	
		<i>For >5,000, Deduct</i>	-0.06	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	0.84	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 500, Add</i>	0.16	
		<i>For >5,000, Deduct</i>	-0.06	
07 24 13 00-0032		Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.08	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 500, Add</i>	0.16	
		<i>For >5,000, Deduct</i>	-0.06	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.30	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 500, Add</i>	0.16	
		<i>For >5,000, Deduct</i>	-0.06	
07 24 13 00-0035		Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	1.60	
		<i>For Up To 100, Add</i>	0.35	
		<i>For >100 To 500, Add</i>	0.18	
		<i>For >5,000, Deduct</i>	-0.07	
07 24 13 00-0037		Starter Tracks For Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0038	LF	1" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.26	
07 24 13 00-0039	LF	1-1/2" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.42	
07 24 13 00-0040	LF	2" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	2.62	
07 24 13 00-0041	LF	3" Width, PVC Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	3.02	
07 24 13 00-0042	LF	1" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.42	
07 24 13 00-0043	LF	1-1/2" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.62	
07 24 13 00-0044	LF	2" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	2.81	
07 24 13 00-0045	LF	3" Width, PVC Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE)	3.25	
07 24 13 00-0046		Demolish Exterior Insulation Finishing Systems (EIFS) <small>(07 24 13 00-0001)</small>		
07 24 13 00-0047	SF	Demolish Exterior Insulation Finishing Systems (EIFS)	2.12	
		Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
		<i>For Up To 100, Add</i>	1.06	
		<i>For >100 To 500, Add</i>	0.53	
		<i>For >5,000, Deduct</i>	-0.21	

07 25 Weather Barriers (07)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 26 Vapor Retarders (07 25)

07 26 13 Above-Grade Vapor Retarders (07 26)

07 26 13 00-0001	CSF Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....	20.07	
07 26 13 00-0002	CSF Asphalt Saturated Kraft Building Paper, Grade D, "Jumbo Tex".....	18.94	
07 26 13 00-0003	CSF 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Super Jumbo Tex 60 Minute".....	22.55	
07 26 13 00-0004	CSF Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D, "Two Ply Super Jumbo Tex 60 Minute".....	27.86	
07 26 13 00-0005	CSF Regular Weight Red Rosin Sized Sheathing.....	28.81	
07 26 13 00-0006	CLF 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	60.36	
07 26 13 00-0007	CLF 4" Wide Self Adhering Butyl Sealing Tape.....	85.88	
07 26 13 00-0008	CLF 6" Wide Self Adhesive Butyl Sealing Tape.....	120.51	
07 26 13 00-0009	CLF 9" Wide Self Adhesive Butyl Sealing Tape.....	163.18	
07 26 13 00-0010	CSF Building Wrap (Tyvek).....	48.41	

07 27 Air Barriers (07 25)

07 27 23 Board Product Air Barriers (07 27)

07 27 23 00-0001 Barriers For Plenums (07 27 23)

07 27 23 00-0002	SF 0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF.....	8.13	2.38
	For Up To 50, Add	3.08	
	For >50 To 200, Add	1.74	
	For >200 To 500, Add	0.64	
	For >2,500, Deduct	-0.41	
07 27 23 00-0003	SF 0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF.....	8.80	2.38
	For Up To 50, Add	3.36	
	For >50 To 200, Add	1.90	
	For >200 To 500, Add	0.70	
	For >2,500, Deduct	-0.44	
07 27 23 00-0004	SF Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	3.30	1.58
	For Up To 50, Add	1.65	
	For >50 To 200, Add	0.91	
	For >200 To 500, Add	0.31	
	For >2,500, Deduct	-0.17	
07 27 23 00-0005	SF Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....	5.99	2.38
	For Up To 50, Add	2.94	
	For >50 To 200, Add	1.62	
	For >200 To 500, Add	0.55	
	For >2,500, Deduct	-0.30	
07 27 23 00-0006	SF Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	4.42	1.58
	For Up To 50, Add	1.82	
	For >50 To 200, Add	1.02	
	For >200 To 500, Add	0.37	
	For >2,500, Deduct	-0.22	
07 27 23 00-0007	SF 1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	6.09	1.58
	For Up To 50, Add	1.97	
	For >50 To 200, Add	1.14	
	For >200 To 500, Add	0.44	
	For >2,500, Deduct	-0.30	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and 15 year warranty unless otherwise noted and all warranties are No Dollar Limit (NDL) to include labor, material and equipment.

07 31 Shingles And Shakes (07 30)

07 31 13 Asphalt Shingles (07 31)

07 31 13 00-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13)

Note: Excludes underlayment, drip edges, and ridge vent.

07 31 13 00-0002	SQ 200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20).....	211.15	138.47
	For >50 To 75, Deduct	-3.41	
	For >75 To 100, Deduct	-9.11	
	For >100 To 200, Deduct	-15.67	
	For >200, Deduct	-24.52	
	For Steep Roof, Over 7 To 12, Add	40.29	
07 31 13 00-0003	SQ 220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....	221.44	145.41
	For >50 To 75, Deduct	-3.57	
	For >75 To 100, Deduct	-9.55	
	For >100 To 200, Deduct	-16.43	
	For >200, Deduct	-25.71	
	For Steep Roof, Over 7 To 12, Add	42.30	
07 31 13 00-0004	SQ 230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	256.42	152.67
	For >50 To 75, Deduct	-4.70	
	For >75 To 100, Deduct	-11.70	
	For >100 To 200, Deduct	-19.88	
	For >200, Deduct	-30.35	
	For Steep Roof, Over 7 To 12, Add	44.43	

07 31 13 00-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13)

Note: Excludes underlayment, drip edges, and ridge vent.

07 Thermal And Moisture Protection

07 30 Steep Slope Roofing

07 31 Shingles And Shakes

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 00-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark)	.....	263.31	176.77
		For >50 To 75, Deduct		-4.11	
		For >75 To 100, Deduct		-11.20	
		For >100 To 200, Deduct		-19.32	
		For >200, Deduct		-30.44	
		For Steep Roof, Over 7 To 12, Add		51.41	
07 31 13 00-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate)	.....	278.92	168.30
		For >50 To 75, Deduct		-5.04	
		For >75 To 100, Deduct		-12.64	
		For >100 To 200, Deduct		-21.50	
		For >200, Deduct		-32.93	
		For Steep Roof, Over 7 To 12, Add		48.97	
07 31 13 00-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus)	.....	302.12	185.61
		For >50 To 75, Deduct		-5.33	
		For >75 To 100, Deduct		-13.55	
		For >100 To 200, Deduct		-23.11	
		For >200, Deduct		-35.55	
		For Steep Roof, Over 7 To 12, Add		54.00	
07 31 13 00-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras)	.....	291.94	160.30
		For >50 To 75, Deduct		-5.85	
		For >75 To 100, Deduct		-13.88	
		For >100 To 200, Deduct		-23.37	
		For >200, Deduct		-35.04	
		For Steep Roof, Over 7 To 12, Add		46.63	
07 31 13 00-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	.....	327.83	194.90
		For >50 To 75, Deduct		-6.03	
		For >75 To 100, Deduct		-14.98	
		For >100 To 200, Deduct		-25.43	
		For >200, Deduct		-38.81	
		For Steep Roof, Over 7 To 12, Add		56.68	
07 31 13 00-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	.....	349.92	194.90
		For >50 To 75, Deduct		-6.91	
		For >75 To 100, Deduct		-16.52	
		For >100 To 200, Deduct		-27.86	
		For >200, Deduct		-41.90	
		For Steep Roof, Over 7 To 12, Add		56.68	
07 31 13 00-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	.....	382.12	214.83
		For >50 To 75, Deduct		-7.47	
		For >75 To 100, Deduct		-17.96	
		For >100 To 200, Deduct		-30.31	
		For >200, Deduct		-45.68	
		For Steep Roof, Over 7 To 12, Add		62.51	
07 31 13 00-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	.....	379.04	204.64
		For >50 To 75, Deduct		-7.72	
		For >75 To 100, Deduct		-18.16	
		For >100 To 200, Deduct		-30.54	
		For >200, Deduct		-45.63	
		For Steep Roof, Over 7 To 12, Add		59.51	
07 31 13 00-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	.....	377.08	194.90
		For >50 To 75, Deduct		-8.00	
		For >75 To 100, Deduct		-18.42	
		For >100 To 200, Deduct		-30.85	
		For >200, Deduct		-45.71	
		For Steep Roof, Over 7 To 12, Add		56.68	
07 31 13 00-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate)	.....	441.58	214.83
		For >50 To 75, Deduct		-9.85	
		For >75 To 100, Deduct		-22.12	
		For >100 To 200, Deduct		-36.85	
		For >200, Deduct		-54.01	
		For Steep Roof, Over 7 To 12, Add		62.51	
07 31 13 00-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House)	.....	457.06	214.83
		For >50 To 75, Deduct		-10.47	
		For >75 To 100, Deduct		-23.20	
		For >100 To 200, Deduct		-38.56	
		For >200, Deduct		-56.17	
		For Steep Roof, Over 7 To 12, Add		62.51	
07 31 13 00-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL)	.....	507.80	236.90
		For >50 To 75, Deduct		-11.70	
		For >75 To 100, Deduct		-25.85	
		For >100 To 200, Deduct		-42.94	
		For >200, Deduct		-62.48	
		For Steep Roof, Over 7 To 12, Add		68.92	
07 31 13 00-0018	SQ	425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor)	.....	500.20	225.57
		For >50 To 75, Deduct		-11.80	
		For >75 To 100, Deduct		-25.78	
		For >100 To 200, Deduct		-42.72	
		For >200, Deduct		-61.82	
		For Steep Roof, Over 7 To 12, Add		65.63	

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

07 31 13 00-0019 Accessories (07 31 13)

07 31 13 00-0020	LF		Hip And Ridge Roll Vent..... Note: Excludes shingles.	4.91	0.83
07 31 13 00-0021	LF		Three Tab Hip And Ridge Shingles	2.96	2.07
07 31 13 00-0022	LF		Architectural Hip And Ridge Shingles.....	3.57	2.29
07 31 13 00-0023	SQ		Demolish Additional Layers Of Shingles.....	75.54	

07 31 16 Metal Shingles (07 31)

07 31 16 00-0001 Aluminum Shingles (07 31 16)

07 31 16 00-0002	SQ		Aluminum Shingles, Mill Finish, 0.020" Thick	445.91	122.53
			<i>For Colors, Anodized Finish, Add</i>	30.00	
			<i>For Bonderized Finish, Add</i>	47.00	
			<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick	590.97	133.93
			<i>For Colors, Anodized Finish, Add</i>	30.00	
			<i>For Bonderized Finish, Add</i>	47.00	
			<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick	7.90	1.77
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick	8.22	1.77
07 31 16 00-0006	LF		Aluminum Shingles, Valley Section For Above, 0.020" Thick	5.45	1.77
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section For Above, 0.030" Thick	6.10	1.77

07 31 16 00-0008 Galvanized Steel Shingles (07 31 16)

07 31 16 00-0009	SQ		24 Gauge Steel Shingles, Galvanized	338.38	109.60
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-4.77	
			<i>For >75 To 100, Deduct</i>	-13.82	
			<i>For >100 To 200, Deduct</i>	-24.07	
			<i>For >200, Deduct</i>	-33.12	
			<i>For Steep Roof, Over 7 To 12, Add</i>	70.15	
07 31 16 00-0010	SQ		26 Gauge Steel Shingles, Galvanized	326.70	108.72
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-4.37	
			<i>For >75 To 100, Deduct</i>	-13.09	
			<i>For >100 To 200, Deduct</i>	-22.89	
			<i>For >200, Deduct</i>	-31.61	
			<i>For Steep Roof, Over 7 To 12, Add</i>	69.56	
07 31 16 00-0011	SQ		24 Gauge Steel Shingles, Galvanized And Bonderized.....	510.23	108.72
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-11.71	
			<i>For >75 To 100, Deduct</i>	-25.93	
			<i>For >100 To 200, Deduct</i>	-43.08	
			<i>For >200, Deduct</i>	-57.30	
			<i>For Steep Roof, Over 7 To 12, Add</i>	69.56	
07 31 16 00-0012	SQ		26 Gauge Steel Shingles, Galvanized And Bonderized.....	474.12	108.72
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-10.27	
			<i>For >75 To 100, Deduct</i>	-23.41	
			<i>For >100 To 200, Deduct</i>	-39.11	
			<i>For >200, Deduct</i>	-52.25	
			<i>For Steep Roof, Over 7 To 12, Add</i>	69.56	
07 31 16 00-0013	LF		Ridge Or Valley.....	5.37	1.46
			<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
			<i>For >50 To 75, Deduct</i>	-0.10	
			<i>For >75 To 100, Deduct</i>	-0.25	
			<i>For >100 To 200, Deduct</i>	-0.42	
			<i>For >200, Deduct</i>	-0.57	
			<i>For Steep Roof, Over 7 To 12, Add</i>	0.92	

07 31 19 Mineral-Fiber Cement Shingles (07 31)

07 31 19 00-0001 Mineral Fiber Shingles (07 31 19)

07 31 19 00-0002	SQ		Mineral Fiber Strip Shingles, 14" X 30", 325 LB/SQ	493.74	73.50
			<i>For Steep Roof, Over 7 To 12, Add</i>	47.04	
07 31 19 00-0003	SQ		Mineral Fiber, Shakes, 9.35" x 16", 500 LB/SQ	709.43	133.78
			<i>For Steep Roof, Over 7 To 12, Add</i>	85.62	
07 31 19 00-0004	SQ		Mineral Fiber, Hexagonal Shape, 16" X 16", per SQ	494.59	98.13
			<i>For Steep Roof, Over 7 To 12, Add</i>	62.80	
07 31 19 00-0005	SQ		Mineral Fiber, Square, 16" X 16", per SQ	462.33	98.13
			<i>For Steep Roof, Over 7 To 12, Add</i>	62.80	
07 31 19 00-0006	CLF		Mineral Fiber, Strip Shingles, Starters, 8" x 30", 255 LB Per 100 LF	367.18	98.13
07 31 19 00-0007	CLF		Mineral Fiber, Hip And Ridge Shingles, 4-3/4" x 14", 380 LB Per 100 LF	1,200.85	294.02
07 31 19 00-0008	CLF		Mineral Fiber, Hip And Ridge Shingles, 5-3/8" X 14", per 100 LF	1,257.29	294.02

07 31 26 Slate Shingles (07 31)

Note: Includes 30 LB felt and fasteners.

07 31 26 00-0001 Shingles Including 30 LB Felt And Nails (07 31 26)

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles And Shakes**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 26 00-0002	SQ	Slate Shingles, Buckingham, Virginia Black, 3/16" Thick.....	1,039.93	186.96
		<i>For >50 To 75, Deduct</i>	-24.98	
		<i>For >75 To 100, Deduct</i>	-54.10	
		<i>For >100 To 200, Deduct</i>	-89.47	
		<i>For >200, Deduct</i>	-118.59	
		<i>For Graduated Shapes, Add</i>	93.68	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0003	SQ	Slate Shingles, Buckingham, Virginia Black, 1/4" Thick.....	1,214.93	186.96
		<i>For >50 To 75, Deduct</i>	-31.98	
		<i>For >75 To 100, Deduct</i>	-66.35	
		<i>For >100 To 200, Deduct</i>	-108.72	
		<i>For >200, Deduct</i>	-143.09	
		<i>For Graduated Shapes, Add</i>	119.93	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0004	SQ	Slate Shingles, Penn Black Bangor	1,162.43	186.96
		<i>For >50 To 75, Deduct</i>	-29.88	
		<i>For >75 To 100, Deduct</i>	-62.68	
		<i>For >100 To 200, Deduct</i>	-102.94	
		<i>For >200, Deduct</i>	-135.74	
		<i>For Graduated Shapes, Add</i>	112.05	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0005	SQ	Slate Shingles, Vermont, Unfading Colors, Green.....	1,179.93	186.96
		<i>For >50 To 75, Deduct</i>	-30.58	
		<i>For >75 To 100, Deduct</i>	-63.90	
		<i>For >100 To 200, Deduct</i>	-104.87	
		<i>For >200, Deduct</i>	-138.19	
		<i>For Graduated Shapes, Add</i>	114.68	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0006	SQ	Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,249.93	186.96
		<i>For >50 To 75, Deduct</i>	-33.38	
		<i>For >75 To 100, Deduct</i>	-68.80	
		<i>For >100 To 200, Deduct</i>	-112.57	
		<i>For >200, Deduct</i>	-147.99	
		<i>For Graduated Shapes, Add</i>	125.18	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0007	SQ	Slate Shingles, Vermont, Unfading Color, Purple	1,162.43	186.96
		<i>For >50 To 75, Deduct</i>	-29.88	
		<i>For >75 To 100, Deduct</i>	-62.68	
		<i>For >100 To 200, Deduct</i>	-102.94	
		<i>For >200, Deduct</i>	-135.74	
		<i>For Graduated Shapes, Add</i>	112.05	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0008	SQ	Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,109.93	186.96
		<i>For >50 To 75, Deduct</i>	-27.78	
		<i>For >75 To 100, Deduct</i>	-59.00	
		<i>For >100 To 200, Deduct</i>	-97.17	
		<i>For >200, Deduct</i>	-128.39	
		<i>For Graduated Shapes, Add</i>	104.18	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0009	SQ	Slate Shingles, Vermont, Unfading Color, Red	2,203.43	186.96
		<i>For >50 To 75, Deduct</i>	-71.52	
		<i>For >75 To 100, Deduct</i>	-135.55	
		<i>For >100 To 200, Deduct</i>	-217.45	
		<i>For >200, Deduct</i>	-281.48	
		<i>For Graduated Shapes, Add</i>	268.20	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	
07 31 26 00-0010	SQ	Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,162.43	186.96
		<i>For >50 To 75, Deduct</i>	-29.88	
		<i>For >75 To 100, Deduct</i>	-62.68	
		<i>For >100 To 200, Deduct</i>	-102.94	
		<i>For >200, Deduct</i>	-135.74	
		<i>For Graduated Shapes, Add</i>	112.05	
		<i>For Steep Roof, Over 7 To 12, Add</i>	132.94	

07 31 29 Wood Shingles And Shakes (07 31)**07 31 29 13 Wood Shingles (07 31 29)****07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)**

07 31 29 13-0003	SQ	3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	555.22	158.17
		<i>For Steep Roof, Over 7 To 12, Add</i>	101.23	
		<i>For CCA Treated, Add</i>	35.83	
07 31 29 13-0004	SQ	5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	404.47	118.63
		<i>For Steep Roof, Over 7 To 12, Add</i>	75.92	
		<i>For CCA Treated, Add</i>	25.08	
07 31 29 13-0005	SQ	4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	489.85	134.45
		<i>For Steep Roof, Over 7 To 12, Add</i>	86.05	
		<i>For CCA Treated, Add</i>	33.14	
07 31 29 13-0006	SQ	5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	401.51	110.72
		<i>For Steep Roof, Over 7 To 12, Add</i>	70.86	
		<i>For CCA Treated, Add</i>	27.01	
07 31 29 13-0007	SQ	5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	510.59	104.79
		<i>For Steep Roof, Over 7 To 12, Add</i>	67.07	
		<i>For CCA Treated, Add</i>	45.15	
07 31 29 13-0008	SQ	7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	399.18	88.97
		<i>For Steep Roof, Over 7 To 12, Add</i>	56.94	
		<i>For CCA Treated, Add</i>	33.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)					
07 31 29 13-0010	SQ		7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	404.15 17.92	142.36
07 31 29 13-0011	SQ		8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	393.09 18.63	134.45
07 31 29 13-0012	SQ		10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	391.33 23.70	116.66
07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)					
07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)					
07 31 29 13-0015	SQ		3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	525.10 106.29 28.94	166.08
07 31 29 13-0016	SQ		4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	469.35 96.17 25.32	150.27
07 31 29 13-0017	SQ		4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	495.68 96.17 29.27	150.27
07 31 29 13-0018	SQ		4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	442.50 86.05 26.04	134.45
07 31 29 13-0019	SQ		5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	419.59 67.07 31.50	104.79
07 31 29 13-0020	SQ		6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	345.47 58.21 24.54	90.96
07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)					
07 31 29 13-0022	SQ		6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	397.00 14.47	150.27
07 31 29 13-0023	SQ		7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	382.29 14.64	142.36
07 31 29 13-0024	SQ		9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For CCA Treated, Add</i>	363.33 16.54	126.54
07 31 29 16 Wood Shakes (07 31 29)					
07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)					
07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)					
07 31 29 16-0003	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	411.39 82.25 23.15	128.51
07 31 29 16-0004	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	462.84 82.25 30.87	128.51
07 31 29 16-0005	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	421.82 67.07 31.83	104.79
07 31 29 16-0006	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated, Add</i>	443.68 67.07 35.11	104.79
07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)					
07 31 29 16-0008	SQ		8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For CCA Treated, Add</i>	431.16 23.15	138.41
07 31 29 16-0009	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For CCA Treated, Add</i>	482.61 30.87	138.41
07 31 29 16-0010	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For CCA Treated, Add</i>	449.49 31.83	118.63
07 31 29 16-0011	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For CCA Treated, Add</i>	471.35 35.11	118.63
07 31 29 17 Wood Hip And Ridge Cap (07 31 29)					
07 31 29 17-0001 Wood Hip And Ridge Cap For Wood Shingles Or Shakes (07 31 29 17)					
07 31 29 17-0002	LF		Red Cedar Hip Or Ridge Cap For Wood Shingles Or Shakes..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For CCA Treated Ridge, Add</i>	6.47 0.77 0.61	1.03
07 31 33 Composite Rubber Shingles (07 31)					

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles And Shakes**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 31 33 00-0001	SQ	Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure	749.93	164.21
		Note: Gray or black.		
		For Purple Or Green Color, Add	67.45	
		For Brown Or Red Color, Add	172.84	
		For Steep Roof, Over 7 To 12, Add	105.08	
		For >50 To 75, Deduct	-10.54	
		For >75 To 100, Deduct	-29.29	
		For >100 To 200, Deduct	-48.04	
		For >200, Deduct	-74.99	
07 31 33 00-0002	SQ	Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure.....	1,030.96	164.21
		Note: Fire resistant. Gray or black.		
		For Purple, Green, Brown Or Red, Add	105.39	
		For Steep Roof, Over 7 To 12, Add	105.08	
		For >50 To 75, Deduct	-17.56	
		For >75 To 100, Deduct	-43.34	
		For >100 To 200, Deduct	-69.11	
		For >200, Deduct	-103.10	
07 31 33 00-0003	SQ	Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	865.64	164.21
		Note: Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	193.41	
		For Steep Roof, Over 7 To 12, Add	105.08	
		For >50 To 75, Deduct	-13.43	
		For >75 To 100, Deduct	-35.07	
		For >100 To 200, Deduct	-56.71	
		For >200, Deduct	-86.56	
07 31 33 00-0004	SQ	Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure	1,088.82	164.21
		Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black.		
		For Purple, Green, Brown Or Red, Add	83.65	
		For Steep Roof, Over 7 To 12, Add	105.08	
		For >50 To 75, Deduct	-19.01	
		For >75 To 100, Deduct	-46.23	
		For >100 To 200, Deduct	-73.45	
		For >200, Deduct	-108.88	
07 31 33 00-0005	LF	Hip Or Ridge Polymeric Rubber Slate Shingle.....	12.07	1.10
		Note: Beveled or pointed edges, gray or black.		

07 32 Roof Tiles (07 30)**07 32 13 Clay Roof Tiles** (07 32)

Note: 8-1/4" x 11" exposure. Includes mortar, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)

Note: Includes mortar, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ	Lanai Or Classic Tile, 158 Piece Per SQ	921.45	177.30
		For >25 To 50, Deduct	-34.01	
		For >50 To 75, Deduct	-65.55	
		For >75 To 100, Deduct	-91.42	
		For >100 To 200, Deduct	-111.62	
		For >200, Deduct	-126.15	
		For 20 Year Warranty, Add	39.68	
07 32 13 00-0003	SQ	Americana (Most Colors) Tile Roofing, 158 Piece Per SQ.....	1,106.38	177.30
		For >25 To 50, Deduct	-45.10	
		For >50 To 75, Deduct	-84.04	
		For >75 To 100, Deduct	-115.46	
		For >100 To 200, Deduct	-139.36	
		For >200, Deduct	-155.74	
		For 20 Year Warranty, Add	52.62	
07 32 13 00-0004	SQ	Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ	1,106.38	177.30
		For >25 To 50, Deduct	-45.10	
		For >50 To 75, Deduct	-84.04	
		For >75 To 100, Deduct	-115.46	
		For >100 To 200, Deduct	-139.36	
		For >200, Deduct	-155.74	
		For 20 Year Warranty, Add	52.62	
07 32 13 00-0005	SQ	Americana (Blue) Tile, 158 Piece Per SQ.....	1,263.29	177.30
		For >25 To 50, Deduct	-54.52	
		For >50 To 75, Deduct	-99.73	
		For >75 To 100, Deduct	-135.86	
		For >100 To 200, Deduct	-162.89	
		For >200, Deduct	-180.85	
		For 20 Year Warranty, Add	63.60	
07 32 13 00-0006	SQ	French Tile Roofing, Red, 133 Piece Per SQ	1,099.79	216.79
		For >25 To 50, Deduct	-39.97	
		For >50 To 75, Deduct	-77.46	
		For >75 To 100, Deduct	-108.29	
		For >100 To 200, Deduct	-132.45	
		For >200, Deduct	-149.95	
		For 20 Year Warranty, Add	46.64	
07 32 13 00-0007	SQ	French Tile Roofing, Blue Or Green, 133 Piece Per SQ.....	1,375.82	216.79
		For >25 To 50, Deduct	-56.54	
		For >50 To 75, Deduct	-105.07	
		For >75 To 100, Deduct	-144.17	
		For >100 To 200, Deduct	-173.86	
		For >200, Deduct	-194.12	
		For 20 Year Warranty, Add	65.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0008	SQ		Norman Tile Roofing, 317 Piece Per SQ	1,756.77	292.46
			<i>For >25 To 50, Deduct</i>	-70.32	
			<i>For >50 To 75, Deduct</i>	-131.82	
			<i>For >75 To 100, Deduct</i>	-181.60	
			<i>For >100 To 200, Deduct</i>	-219.66	
			<i>For >200, Deduct</i>	-246.00	
			<i>For 20 Year Warranty, Add</i>	82.04	
07 32 13 00-0009	SQ		Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	961.68	216.79
			<i>For >25 To 50, Deduct</i>	-31.69	
			<i>For >50 To 75, Deduct</i>	-63.65	
			<i>For >75 To 100, Deduct</i>	-90.33	
			<i>For >100 To 200, Deduct</i>	-111.74	
			<i>For >200, Deduct</i>	-127.86	
			<i>For 20 Year Warranty, Add</i>	36.97	
07 32 13 00-0010	SQ		Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,185.29	216.79
			<i>For >25 To 50, Deduct</i>	-45.10	
			<i>For >50 To 75, Deduct</i>	-86.01	
			<i>For >75 To 100, Deduct</i>	-119.40	
			<i>For >100 To 200, Deduct</i>	-145.28	
			<i>For >200, Deduct</i>	-163.63	
			<i>For 20 Year Warranty, Add</i>	52.62	
07 32 13 00-0011	SQ		Spanish Tile Roofing, Red, 171 Piece Per SQ	824.22	162.31
			<i>For >25 To 50, Deduct</i>	-29.97	
			<i>For >50 To 75, Deduct</i>	-58.07	
			<i>For >75 To 100, Deduct</i>	-81.18	
			<i>For >100 To 200, Deduct</i>	-99.28	
			<i>For >200, Deduct</i>	-112.40	
			<i>For 20 Year Warranty, Add</i>	34.97	
07 32 13 00-0012	SQ		Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,065.19	162.31
			<i>For >25 To 50, Deduct</i>	-44.43	
			<i>For >50 To 75, Deduct</i>	-82.17	
			<i>For >75 To 100, Deduct</i>	-112.50	
			<i>For >100 To 200, Deduct</i>	-135.43	
			<i>For >200, Deduct</i>	-150.95	
			<i>For 20 Year Warranty, Add</i>	51.84	
07 32 13 00-0013	SQ		Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,272.54	162.31
			<i>For >25 To 50, Deduct</i>	-56.87	
			<i>For >50 To 75, Deduct</i>	-102.90	
			<i>For >75 To 100, Deduct</i>	-139.46	
			<i>For >100 To 200, Deduct</i>	-166.53	
			<i>For >200, Deduct</i>	-184.13	
			<i>For 20 Year Warranty, Add</i>	66.35	
07 32 13 00-0014	SQ		Two Piece Mission Tile Roofing, 192 Piece Per SQ	1,540.80	254.44
			<i>For >25 To 50, Deduct</i>	-61.92	
			<i>For >50 To 75, Deduct</i>	-115.91	
			<i>For >75 To 100, Deduct</i>	-159.59	
			<i>For >100 To 200, Deduct</i>	-192.95	
			<i>For >200, Deduct</i>	-216.00	
			<i>For 20 Year Warranty, Add</i>	72.24	
07 32 13 00-0015	SQ		One Piece Mission Tile Roofing, 75 Piece Per SQ	680.47	177.30
			<i>For >25 To 50, Deduct</i>	-19.55	
			<i>For >50 To 75, Deduct</i>	-41.45	
			<i>For >75 To 100, Deduct</i>	-60.09	
			<i>For >100 To 200, Deduct</i>	-75.47	
			<i>For >200, Deduct</i>	-87.60	
			<i>For 20 Year Warranty, Add</i>	22.81	
07 32 13 00-0016	SQ		One Piece Mission Tile Roofing, 134 Piece Per SQ	910.35	254.44
			<i>For >25 To 50, Deduct</i>	-24.09	
			<i>For >50 To 75, Deduct</i>	-52.87	
			<i>For >75 To 100, Deduct</i>	-77.64	
			<i>For >100 To 200, Deduct</i>	-98.39	
			<i>For >200, Deduct</i>	-115.12	
			<i>For 20 Year Warranty, Add</i>	28.10	

07 32 16 Concrete Roof Tiles (07 32)
07 32 16 00-0001 Corrugated Tiles And Shakes Nailed To Wood (07 32 16)

Note: Includes 30 lb felt underlayment.

07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	771.69	268.77
			<i>For >50 To 75, Deduct</i>	-9.36	
			<i>For >75 To 100, Deduct</i>	-29.83	
			<i>For >100 To 200, Deduct</i>	-52.63	
			<i>For >200, Deduct</i>	-73.09	
			<i>For Steep Roof, Over 7 To 12, Add</i>	172.04	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,018.43	268.77
			<i>For >50 To 75, Deduct</i>	-19.23	
			<i>For >75 To 100, Deduct</i>	-47.10	
			<i>For >100 To 200, Deduct</i>	-79.77	
			<i>For >200, Deduct</i>	-107.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	172.04	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	821.03	268.77
			<i>For >50 To 75, Deduct</i>	-11.34	
			<i>For >75 To 100, Deduct</i>	-33.28	
			<i>For >100 To 200, Deduct</i>	-58.06	
			<i>For >200, Deduct</i>	-80.00	
			<i>For Steep Roof, Over 7 To 12, Add</i>	172.04	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 32 Roof Tiles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 32 16 00-0005	SQ	13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes.....	776.78	240.48
		<i>For >50 To 75, Deduct</i>	-11.83	
		<i>For >75 To 100, Deduct</i>	-32.73	
		<i>For >100 To 200, Deduct</i>	-56.58	
		<i>For >200, Deduct</i>	-77.48	
		<i>For Steep Roof, Over 7 To 12, Add</i>	153.93	

07 32 16 00-0006 Accessories (07 32 16)

07 32 16 00-0007	EA	Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	4.17	
07 32 16 00-0008	EA	Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof.....	2.74	
07 32 16 00-0009	EA	Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	4.14	
07 32 16 00-0010	EA	Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.74	
07 32 16 00-0011	EA	3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof.....	4.94	

07 34 Roofing Underlayment (07 34)**07 34 00 00-0001 Mechanically Fastened, Roofing Underlayment (07 34)**

Note: Standard slope.

07 34 00 00-0002	SQ	15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	19.52	5.29
		<i>For Steep Roof, Over 7 To 12, Add</i>	3.39	
		<i>For >50 To 75, Deduct</i>	-0.36	
		<i>For >75 To 100, Deduct</i>	-0.89	
		<i>For >100 To 200, Deduct</i>	-1.51	
		<i>For >200, Deduct</i>	-2.31	
07 34 00 00-0003	SQ	30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	29.48	7.27
		<i>For Steep Roof, Over 7 To 12, Add</i>	4.66	
		<i>For >50 To 75, Deduct</i>	-0.60	
		<i>For >75 To 100, Deduct</i>	-1.41	
		<i>For >100 To 200, Deduct</i>	-2.37	
		<i>For >200, Deduct</i>	-3.55	
07 34 00 00-0004	SQ	30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened.....	32.29	7.27
		<i>For Steep Roof, Over 7 To 12, Add</i>	4.66	
		<i>For >50 To 75, Deduct</i>	-0.71	
		<i>For >75 To 100, Deduct</i>	-1.61	
		<i>For >100 To 200, Deduct</i>	-2.68	
		<i>For >200, Deduct</i>	-3.94	
07 34 00 00-0005	SQ	Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	37.99	11.03
		<i>For Steep Roof, Over 7 To 12, Add</i>	7.06	
		<i>For >50 To 75, Deduct</i>	-0.64	
		<i>For >75 To 100, Deduct</i>	-1.67	
		<i>For >100 To 200, Deduct</i>	-2.86	
		<i>For >200, Deduct</i>	-4.44	
07 34 00 00-0006	SQ	17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25).....	41.32	11.03
		<i>For Steep Roof, Over 7 To 12, Add</i>	7.06	
		<i>For >50 To 75, Deduct</i>	-0.77	
		<i>For >75 To 100, Deduct</i>	-1.90	
		<i>For >100 To 200, Deduct</i>	-3.22	
		<i>For >200, Deduct</i>	-4.90	
07 34 00 00-0007	SQ	25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30).....	46.81	11.03
		<i>For Steep Roof, Over 7 To 12, Add</i>	7.06	
		<i>For >50 To 75, Deduct</i>	-0.99	
		<i>For >75 To 100, Deduct</i>	-2.28	
		<i>For >100 To 200, Deduct</i>	-3.83	
		<i>For >200, Deduct</i>	-5.67	
07 34 00 00-0008	SQ	30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	44.07	11.03
		<i>For Steep Roof, Over 7 To 12, Add</i>	7.06	
		<i>For >50 To 75, Deduct</i>	-0.88	
		<i>For >75 To 100, Deduct</i>	-2.09	
		<i>For >100 To 200, Deduct</i>	-3.52	
		<i>For >200, Deduct</i>	-5.29	

07 34 00 00-0009 Self-Adhering, Roofing Underlayment (07 34)

Note: Standard slope.

07 34 00 00-0010	SQ	48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	72.28	13.38
		<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
		<i>For >50 To 75, Deduct</i>	-1.82	
		<i>For >75 To 100, Deduct</i>	-3.86	
		<i>For >100 To 200, Deduct</i>	-6.35	
		<i>For >200, Deduct</i>	-9.05	
07 34 00 00-0011	SQ	60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	104.09	13.38
		<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
		<i>For >50 To 75, Deduct</i>	-3.09	
		<i>For >75 To 100, Deduct</i>	-6.08	
		<i>For >100 To 200, Deduct</i>	-9.85	
		<i>For >200, Deduct</i>	-13.50	
07 34 00 00-0012	SQ	53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self- Adhering (Owens Corning® WeatherLock® G)	76.21	13.38
		<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
		<i>For >50 To 75, Deduct</i>	-1.98	
		<i>For >75 To 100, Deduct</i>	-4.13	
		<i>For >100 To 200, Deduct</i>	-6.78	
		<i>For >200, Deduct</i>	-9.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0013	SQ		65 Mil, Fire Rated, Polyester Non Woven Fabric Surfaced, Fiberglass Mat Reinforced, SBS Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	72.28	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-1.82	
			<i>For >75 To 100, Deduct</i>	-3.86	
			<i>For >100 To 200, Deduct</i>	-6.35	
			<i>For >200, Deduct</i>	-9.05	
07 34 00 00-0014	SQ		45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30).....	99.50	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-2.91	
			<i>For >75 To 100, Deduct</i>	-5.76	
			<i>For >100 To 200, Deduct</i>	-9.34	
			<i>For >200, Deduct</i>	-12.86	
07 34 00 00-0015	SQ		25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	85.13	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-2.34	
			<i>For >75 To 100, Deduct</i>	-4.76	
			<i>For >100 To 200, Deduct</i>	-7.76	
			<i>For >200, Deduct</i>	-10.85	
07 34 00 00-0016	SQ		40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®).....	122.16	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-3.82	
			<i>For >75 To 100, Deduct</i>	-7.35	
			<i>For >100 To 200, Deduct</i>	-11.83	
			<i>For >200, Deduct</i>	-16.03	
07 34 00 00-0017	SQ		40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	138.38	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-4.47	
			<i>For >75 To 100, Deduct</i>	-8.48	
			<i>For >100 To 200, Deduct</i>	-13.62	
			<i>For >200, Deduct</i>	-18.30	
07 34 00 00-0018	SQ		30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....	199.25	13.38
			<i>For Steep Roof, Over 7 To 12, Add</i>	8.56	
			<i>For >50 To 75, Deduct</i>	-6.90	
			<i>For >75 To 100, Deduct</i>	-12.74	
			<i>For >100 To 200, Deduct</i>	-20.31	
			<i>For >200, Deduct</i>	-26.83	

07 40 Roofing And Siding Panels (07)

Note: Includes placement of materials on roof up to 2-1/2 stories. All new roof installations include flood testing.

07 41 Roof Panels (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001 Exposed Fastener Metal Roofing (07 41 13)

Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.

07 41 13 00-0002 Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)

07 41 13 00-0003 Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)

07 41 13 00-0004	SF		18 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	6.17	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0005	SF		20 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	5.65	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0006	SF		22 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	5.29	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0007	SF		24 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.93	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0008	SF		26 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.64	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0009	SF		29 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.38	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	
07 41 13 00-0010	SF		30 Gauge Galvanized Exposed Fastener Metal Roof Panels.....	4.28	0.73
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	0.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	1.04	

07 41 13 00-0011 Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002)

See CSI section 07 41 13 00-0038 for accessories.

07 41 13 00-0012	LF		Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....	29.79	3.24
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.11	
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	1.69	
07 41 13 00-0013	LF		Eave Flashing For Galvanized Steel Exposed Fastener Roofing.....	22.89	3.24
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.11	
			<i>For Fluoropolymer (Kynar) Coating, Add</i>	1.00	

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 41 Roof Panels**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 41 13 00-0014	LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	36.45 4.11 2.36	3.24
07 41 13 00-0015	LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	30.39 4.11 1.75	3.24
07 41 13 00-0016	Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0017	Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)		
07 41 13 00-0018	SF 0.0155" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.13 0.64 1.04	0.73
07 41 13 00-0019	SF 0.018" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.27 0.64 1.04	0.73
07 41 13 00-0020	SF 0.024" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	4.62 0.64 1.04	0.73
07 41 13 00-0021	SF 0.032" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.08 0.64 1.04	0.73
07 41 13 00-0022	SF 0.040" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	5.54 0.64 1.04	0.73
07 41 13 00-0023	SF 0.050" Aluminum Exposed Fastener Metal Roof Panels..... <i>For Fluoropolymer (Kynar) Coating, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	6.11 0.64 1.04	0.73
07 41 13 00-0024	Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025	LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	29.11 2.59 2.10	3.24
07 41 13 00-0026	LF Eave Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	20.49 2.59 1.24	3.24
07 41 13 00-0027	LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	37.43 2.59 2.93	3.24
07 41 13 00-0028	LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar) Coating, Add</i>	29.87 2.59 2.18	3.24
07 41 13 00-0029	Standing Seam Roofs (07 41 13) Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
07 41 13 00-0030	Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: All steel is galvanized G90 rated or galvalume. Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07 41 13 00-0031	Galvanized Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0030)		
07 41 13 00-0032	SF Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	12.00 1.28 0.58 1.39 3.00 1.80 0.30	1.71
07 41 13 00-0033	SF Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	12.73 1.28 0.60 1.43 3.18 1.91 0.32	1.71
07 41 13 00-0034	SF Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	11.36 1.28 0.57 1.36 2.84 1.70 0.28	1.71
07 41 13 00-0035	SF Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels <16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For >1,500 To 5,000, Add</i> <i>For >5,000 To 10,000, Add</i>	11.61 1.28 0.57 1.37 2.90 1.74 0.29	1.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0036	SF		Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	11.90 1.28 0.58 1.39 2.98 1.79 0.30	1.71
07 41 13 00-0037	SF		Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	12.96 1.28 0.60 1.44 3.24 1.94 0.32	1.71
07 41 13 00-0038			Accessories For Galvanized Steel Standing Seam Roofing (07 41 13 00-0030)		
07 41 13 00-0039	LF		Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	31.48 3.86 1.66	5.14
07 41 13 00-0040	LF		Eave Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	23.90 3.86 1.51	5.14
07 41 13 00-0041	LF		Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	38.80 3.86 1.80	5.14
07 41 13 00-0042	LF		Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	32.15 3.86 1.67	5.14
07 41 13 00-0043			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0029) Note: Factory paint finish is Kynar 500, Hylar 5000 or equal PVCF finish.		
07 41 13 00-0044			Aluminum Standing Seam Concealed Fastener Roofing (07 41 13 00-0043)		
07 41 13 00-0045	SF		Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	12.51 1.28 0.59 1.42 3.13 1.88 0.31	1.71
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	13.13 1.28 0.61 1.45 3.28 1.97 0.33	1.71
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	12.16 1.28 0.59 1.40 3.04 1.82 0.30	1.71
07 41 13 00-0048	SF		Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	13.29 1.28 0.61 1.46 3.32 1.99 0.33	1.71
07 41 13 00-0049			Accessories For Aluminum Standing Seam Roofing (07 41 13 00-0043)		
07 41 13 00-0050	LF		Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	35.97 3.86 1.75	5.14
07 41 13 00-0051	LF		Eave Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	26.49 3.86 1.56	5.14
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	45.12 3.86 1.93	5.14
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	36.81 3.86 1.76	5.14
07 41 13 00-0054			Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0055			Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0056	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add For Panels <16" Wide, Add For Up To 1,500, Add For >1,500 To 5,000, Add For >5,000 To 10,000, Add	31.60 1.93 1.15 2.77 7.90 4.74 0.79	2.57

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 41 Roof Panels**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 41 13 00-0057	SF Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	37.89	2.57
	<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
	<i>For 140 MPH Wind Load, Add</i>	1.27	
	<i>For Panels <16" Wide, Add</i>	3.08	
	<i>For Up To 1,500, Add</i>	9.47	
	<i>For >1,500 To 5,000, Add</i>	5.68	
	<i>For >5,000 To 10,000, Add</i>	0.95	
07 41 13 00-0058	Accessories For Copper Standing Seam Concealed Fastener Roofing (07 41 13 00-0054)		
07 41 13 00-0059	LF Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	94.45	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	3.86	
	<i>For 140 MPH Wind Load, Add</i>	2.92	
07 41 13 00-0060	LF Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	54.93	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	3.86	
	<i>For 140 MPH Wind Load, Add</i>	2.13	
07 41 13 00-0061	LF Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	131.82	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	3.86	
	<i>For 140 MPH Wind Load, Add</i>	3.66	
07 41 13 00-0062	LF Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	97.40	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	3.86	
	<i>For 140 MPH Wind Load, Add</i>	2.98	
07 41 13 00-0063	Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0029)		
07 41 13 00-0064	Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0063)		
07 41 13 00-0065	SF Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing.....	24.19	2.57
	<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
	<i>For 140 MPH Wind Load, Add</i>	1.00	
	<i>For Panels <16" Wide, Add</i>	2.40	
	<i>For Up To 1,500, Add</i>	6.05	
	<i>For >1,500 To 5,000, Add</i>	3.63	
	<i>For >5,000 To 10,000, Add</i>	0.60	
07 41 13 00-0066	SF Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing.....	27.97	2.57
	<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
	<i>For 140 MPH Wind Load, Add</i>	1.07	
	<i>For Panels <16" Wide, Add</i>	2.59	
	<i>For Up To 1,500, Add</i>	6.99	
	<i>For >1,500 To 5,000, Add</i>	4.20	
	<i>For >5,000 To 10,000, Add</i>	0.70	
07 41 13 00-0067	SF Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	32.45	2.57
	<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
	<i>For 140 MPH Wind Load, Add</i>	1.16	
	<i>For Panels <16" Wide, Add</i>	2.81	
	<i>For Up To 1,500, Add</i>	8.11	
	<i>For >1,500 To 5,000, Add</i>	4.87	
	<i>For >5,000 To 10,000, Add</i>	0.81	
07 41 13 00-0068	SF Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	38.19	2.57
	<i>For Steep Roof, Over 6 To 12, Add</i>	1.93	
	<i>For 140 MPH Wind Load, Add</i>	1.28	
	<i>For Panels <16" Wide, Add</i>	3.10	
	<i>For Up To 1,500, Add</i>	9.55	
	<i>For >1,500 To 5,000, Add</i>	5.73	
	<i>For >5,000 To 10,000, Add</i>	0.95	
07 41 13 00-0069	Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0063)		
07 41 13 00-0070	LF Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	83.84	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	4.34	
	<i>For 140 MPH Wind Load, Add</i>	2.84	
07 41 13 00-0071	LF Eave Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	50.25	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	4.34	
	<i>For 140 MPH Wind Load, Add</i>	2.16	
07 41 13 00-0072	LF Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	115.60	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	4.34	
	<i>For 140 MPH Wind Load, Add</i>	3.47	
07 41 13 00-0073	LF Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	86.35	5.14
	<i>For Steep Roof, Over 6 To 12, Add</i>	4.34	
	<i>For 140 MPH Wind Load, Add</i>	2.89	
07 41 13 00-0074	Metal Roof Surfacing (07 41 13)		
07 41 13 00-0075	SF Acrylic, Metal Roof Primer, One Coat.....	0.29	
	<i>For Steep Roof, Over 7 To 12, Add</i>	0.05	
07 41 13 00-0076	SF Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat.....	0.41	
	<i>Note: 55% solids by volume.</i>		
	<i>For Steep Roof, Over 7 To 12, Add</i>	0.05	
07 41 33	Plastic Roof Panels (07 41)		
07 41 33 00-0001	Polyvinyl Chloride (PVC) Roofing Panels (07 41 33)		
07 41 33 00-0002	Polyvinyl Chloride (PVC) Roofing Panels (07 41 33 00-0001)		
07 41 33 00-0003	SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide.....	3.89	1.47
07 41 33 00-0004	SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	3.66	1.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 33 00-0005	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	3.99	1.47
07 41 33 00-0006	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	3.74	1.33
07 41 33 00-0007			Polyvinyl Chloride (PVC) Roofing Accessories (07 41 33 00-0001)		
07 41 33 00-0008	LF		1" "J" Channel, Starter Strip Trim.....	2.48	1.10
07 41 33 00-0009	LF		3-1/2" "J" Channel, Starter Strip Trim.....	3.27	1.10
07 41 33 00-0010	LF		Outside Corner Post, 7/8" Pocket.....	3.50	1.10
07 41 33 00-0011	LF		Inside Corner Post, 7/8" Pocket.....	2.89	1.10
07 41 33 00-0012			Fiberglass Roofing Panel (07 41 33)		
07 41 33 00-0013			Corrugated Panels (07 41 33 00-0012)		
07 41 33 00-0014	SF		8 Ounce Corrugated Fiberglass Panel.....	4.08	1.18
07 41 33 00-0015	SF		12 Ounce Corrugated Fiberglass Panel.....	4.64	1.18
07 42			Wall Panels (07 40)		
07 42 13			Metal Wall Panels (07 42)		
07 42 13 19			Insulated Metal Wall Panels (07 42 13)		
07 42 13 19-0001			Insulated Panels For Sash/Window Replacement (07 42 13 19)		
			Note: Porcelain or polymer finish on aluminum panel with polystyrene core.		
07 42 13 19-0002	SF		1" Insulated Panel For Sash Or Window Replacement.....	14.38	3.16
			<i>For Non-Insulated Panels, Deduct</i>	-2.00	
07 42 13 19-0003	SF		1-1/4" Insulated Panel For Sash Or Window Replacement.....	15.61	3.56
			<i>For Non-Insulated Panels, Deduct</i>	-2.14	
07 42 13 19-0004	SF		1-3/4" Insulated Panel For Sash Or Window Replacement.....	16.71	3.95
			<i>For Non-Insulated Panels, Deduct</i>	-2.28	
07 42 13 19-0005	SF		2-1/4" Insulated Panel For Sash Or Window Replacement.....	17.89	4.12
			<i>For Non-Insulated Panels, Deduct</i>	-2.41	
07 42 13 19-0006	SF		3-1/4" Insulated Panel For Sash Or Window Replacement.....	20.20	4.51
			<i>For Non-Insulated Panels, Deduct</i>	-2.80	
07 42 13 19-0007	SF		4-1/4" Insulated Panel For Sash Or Window Replacement.....	23.34	4.98
			<i>For Non-Insulated Panels, Deduct</i>	-3.37	
07 42 13 23			Metal Composite Material Wall Panels (07 42 13)		
07 42 13 23-0001			24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07 42 13 23)		
			Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Mett-Span Corporation.		
07 42 13 23-0002	SF		2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	13.37	1.86
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0003	SF		2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	15.09	2.11
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0004	SF		3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	16.57	2.39
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0005	SF		4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	18.65	3.16
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 63			Fabricated Wall Panel Assemblies (07 42)		
07 42 63 00-0001			Insulated Freezer And Chiller Panels (07 42 63)		
			Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002			Polyurethane Sandwich Panel (07 42 63 00-0001)		
			Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF		2" 22 Gauge Freezer Panel Sheet Metal Both Faces.....	13.77	1.32
07 42 63 00-0004	SF		3" 22 Gauge Freezer Panel Sheet Metal Both Faces.....	14.57	1.32
07 42 63 00-0005	SF		4" 22 Gauge Freezer Panel Sheet Metal Both Faces.....	17.29	1.40
07 42 63 00-0006	SF		5" 22 Gauge Freezer Panel Sheet Metal Both Faces.....	18.70	1.40
07 42 63 00-0007	SF		6" 22 Gauge Freezer Panel Sheet Metal Both Faces.....	19.86	1.40
07 42 63 00-0008	SF		2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner).....	12.34	1.09
07 42 63 00-0009	SF		3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner).....	13.40	1.09
07 42 63 00-0010	SF		4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner).....	16.12	1.17
07 42 63 00-0011	SF		5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner).....	15.63	1.17
07 42 63 00-0012	SF		6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner).....	18.36	1.17
07 42 63 00-0013			Polyurethane Sandwich Panel (07 42 63 00-0001)		
			Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF		2" Freezer Panel 0.040" Aluminum Finish Both Faces.....	9.51	1.32
07 42 63 00-0015	SF		3" Freezer Panel 0.040" Aluminum Finish Both Faces.....	10.13	1.32

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 42 Wall Panels**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 42 63 00-0016	SF	4" Freezer Panel 0.040" Aluminum Finish Both Faces	11.76	1.32
07 42 63 00-0017	SF	5" Freezer Panel 0.040" Aluminum Finish Both Faces	12.78	1.40
07 42 63 00-0018	SF	6" Freezer Panel 0.040" Aluminum Finish Both Faces	13.50	1.40
07 42 63 00-0019	SF	2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	8.51	1.09
07 42 63 00-0020	SF	3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.14	1.09
07 42 63 00-0021	SF	4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	9.81	1.17
07 42 63 00-0022	SF	5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	11.43	1.17
07 42 63 00-0023	SF	6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	12.44	1.17

07 46 Siding (07 40)**07 46 16 Aluminum Siding (07 46)**

Note: Includes all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001 Aluminum Coil Stock Cladding (07 46 16)

Note: Per SF of board, includes overlap page.

07 46 16 00-0002	SF	Aluminum Cladding, 0.016" Thick	7.06	2.80
07 46 16 00-0003	SF	Aluminum Cladding, 0.019" Thick	7.10	2.80
07 46 16 00-0004	SF	Aluminum Cladding, 0.024" Thick	7.17	2.80

07 46 16 00-0005 Aluminum Siding Panels For Structural Steel Framing (07 46 16)

Note: Includes fasteners.

07 46 16 00-0006 Corrugated (07 46 16 00-0005)

07 46 16 00-0007	SF	0.019" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.09	1.61
07 46 16 00-0008	SF	0.021" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.21	1.61
07 46 16 00-0009	SF	0.024" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.49	1.61
07 46 16 00-0010	SF	0.032" Corrugated Aluminum Siding Panel, Mill Finish, Including Fasteners	4.97	1.61
07 46 16 00-0011	SF	0.019" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.32	1.61
07 46 16 00-0012	SF	0.021" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.43	1.61
07 46 16 00-0013	SF	0.024" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	4.75	1.61
07 46 16 00-0014	SF	0.032" Corrugated Aluminum Siding Panel, Painted Finish, Including Fasteners	5.38	1.61

07 46 16 00-0015 V- Beam (07 46 16 00-0005)

07 46 16 00-0016	SF	0.032" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	4.99	1.61
07 46 16 00-0017	SF	0.040" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.24	1.61
07 46 16 00-0018	SF	0.050" Aluminum V-Beam Siding Panel, Mill Finish, Including Fasteners	5.56	1.61
07 46 16 00-0019	SF	0.032" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.35	1.61
07 46 16 00-0020	SF	0.040" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	5.78	1.61
07 46 16 00-0021	SF	0.050" Aluminum V-Beam Siding Panel, Painted Finish, Including Fasteners	6.78	1.61

07 46 16 00-0022 Rib (07 46 16 00-0005)

07 46 16 00-0023	SF	0.032" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.31	1.61
07 46 16 00-0024	SF	0.040" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.56	1.61
07 46 16 00-0025	SF	0.050" Aluminum Siding Panel With 4" Rib, Mill Finish, Including Fasteners	5.89	1.61
07 46 16 00-0026	SF	0.032" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.54	1.61
07 46 16 00-0027	SF	0.040" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	5.95	1.61
07 46 16 00-0028	SF	0.050" Aluminum Siding Panel With 4" Rib, Painted Finish, Including Fasteners	6.20	1.61

07 46 16 00-0029 Aluminum Soffit And Fascia (07 46 16)

Note: Excludes J-channel.

07 46 16 00-0030	LF	6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	2.97	1.11
		For 0.015" Thick, Deduct	-0.05	
07 46 16 00-0031	LF	10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.59	1.17
		For 0.015" Thick, Deduct	-0.09	
07 46 16 00-0032	LF	1" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	3.90	1.20
		For 0.015" Thick, Deduct	-0.11	
07 46 16 00-0033	LF	1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.77	1.26
		For 0.015" Thick, Deduct	-0.16	
07 46 16 00-0034	LF	2" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.78	1.38
		For 0.015" Thick, Deduct	-0.20	
07 46 16 00-0035	LF	3" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	7.55	1.52
		For 0.015" Thick, Deduct	-0.31	
07 46 16 00-0036	LF	4" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.36	1.68
		For 0.015" Thick, Deduct	-0.42	
07 46 16 00-0037	LF	5" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	11.20	1.84
		For 0.015" Thick, Deduct	-0.53	
07 46 16 00-0038	LF	4" Exposure, 0.024" Thick, Aluminum Fascia	3.40	1.09
07 46 16 00-0039	LF	6" Exposure, 0.024" Thick, Aluminum Fascia	3.68	1.11
07 46 16 00-0040	LF	8" Exposure, 0.024" Thick, Aluminum Fascia	4.26	1.14
07 46 16 00-0041	LF	10" Exposure, 0.024" Thick, Aluminum Fascia	4.87	1.17

07 46 16 00-0042 Aluminum Siding Accessories (07 46 16)

07 46 16 00-0043	LF	3/8" Pocket, Aluminum J-Channel	2.35	1.04
07 46 16 00-0044	LF	1/2" Pocket, Aluminum J-Channel	2.35	1.04
07 46 16 00-0045	LF	3/4" Pocket, Aluminum J-Channel	2.69	1.04
07 46 16 00-0046	LF	3/8" Pocket, Aluminum F-Channel	2.45	1.04
07 46 16 00-0047	LF	1/2" Pocket, Aluminum F-Channel	2.45	1.04

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 46 19	Steel Siding (07 46)			
	Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.			
07 46 19 00-0001	Steel Siding Panels For Structural Steel Framing	(07 46 19)		
	Note: Included fasteners.			
07 46 19 00-0002	Corrugated, Painted	(07 46 19 00-0001)		
	Note: Factory applied.			
07 46 19 00-0003	SF 20 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		7.04	1.61
	For Galvanized Instead Of Painted Steel, Add		0.95	
07 46 19 00-0004	SF 22 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		6.53	1.61
	For Galvanized Instead Of Painted Steel, Add		0.82	
07 46 19 00-0005	SF 24 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		6.40	1.61
	For Galvanized Instead Of Painted Steel, Add		0.79	
07 46 19 00-0006	SF 26 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		4.91	1.61
	For Galvanized Instead Of Painted Steel, Add		0.42	
07 46 19 00-0007	SF 28 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		4.80	1.61
	For Galvanized Instead Of Painted Steel, Add		0.39	
07 46 19 00-0008	SF 30 Gauge Corrugated Steel Siding Panel, Including Fasteners And Painted		4.73	1.61
	For Galvanized Instead Of Painted Steel, Add		0.37	
07 46 19 00-0009	Box Rib, Painted	(07 46 19 00-0001)		
	Note: Factory applied.			
07 46 19 00-0010	SF 20 Gauge Box Rib Steel Siding Panel, Painted With Fasteners		6.66	1.61
	For Galvanized Instead Of Painted Steel, Add		0.86	
07 46 19 00-0011	SF 22 Gauge Box Rib Steel Siding Panel, Painted With Fasteners		6.43	1.61
	For Galvanized Instead Of Painted Steel, Add		0.80	
07 46 19 00-0012	SF 24 Gauge Box Rib Steel Siding Panel, Painted With Fasteners		6.28	1.61
	For Galvanized Instead Of Painted Steel, Add		0.76	
07 46 19 00-0013	SF 26 Gauge Box Rib Steel Siding Panel, Painted With Fasteners		6.02	1.61
	For Galvanized Instead Of Painted Steel, Add		0.70	
07 46 19 00-0014	SF 28 Gauge Box Rib Steel Siding Panel, Painted With Fasteners		5.48	1.61
	For Galvanized Instead Of Painted Steel, Add		0.56	
07 46 19 00-0015	Steel Siding For Wood Frame	(07 46 19)		
	Note: Horizontal clapboard, double 5" profiler, 1/2" deep butt, wood grain pattern. Includes fasteners, trim and all accessories.			
07 46 19 00-0016	SF Horizontal Clapboard		6.36	0.81
07 46 23	Wood Siding (07 46)			
	Note: Includes all necessary furring strips, trim for corners, windows and doors.			
07 46 23 00-0001	Wood Lap Siding	(07 46 23)		
07 46 23 00-0002	LF 8" Wide Rough Sawn Cedar Lap Siding		3.12	1.14
07 46 23 00-0003	LF 10" Wide Rough Sawn Cedar Lap Siding		3.56	1.21
07 46 23 00-0004	LF 12" Wide Rough Sawn Cedar Lap Siding		4.02	1.30
07 46 23 00-0005	LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade		3.36	1.14
07 46 23 00-0006	LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better		3.78	1.14
07 46 23 00-0007	LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding		4.67	1.14
07 46 23 00-0008	LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding		5.02	1.14
07 46 23 00-0009	LF 6" To 8" Wide Clear Heart Redwood Lap Siding		4.52	1.14
07 46 23 00-0010	LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin		3.05	1.21
07 46 23 00-0011	LF 1" x 8" Cedar Beveled Siding, Channel, Rustic		3.05	1.21
07 46 23 00-0012	Tongue And Groove Siding	(07 46 23)		
07 46 23 00-0013	SF 1" x 6" Tongue And Groove Southern Yellow Pine Siding		3.12	1.14
07 46 23 00-0014	SF 1" x 8" Tongue And Groove Southern Yellow Pine Siding		3.49	1.14
07 46 23 00-0015	SF 1" x 6" 105 Southern Yellow Pine Siding		3.20	1.14
07 46 23 00-0016	SF 1" x 8" 105 Southern Yellow Pine Siding		3.54	1.14
07 46 29	Plywood Siding (07 46)			
	Note: Includes all necessary furring strips, trim for corners, windows and doors.			
07 46 29 00-0001	T-111 Siding	(07 46 29)		
07 46 29 00-0002	SF 5/8" T-111 Fir, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud		2.64	0.56
	For Pressure Treated, Add		0.18	
07 46 29 00-0003	SF 5/8" T-111 Cedar, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud		2.59	0.56
	For Pressure Treated, Add		0.18	
07 46 33	Plastic Siding (07 46)			
	Note: Includes all necessary furring strips, trim for corners, windows and doors.			
07 46 33 00-0001	Vinyl Siding	(07 46 33)		
	Note: Includes standard manufacturer's colors.			
07 46 33 00-0002	Vinyl Siding Panels	(07 46 33 00-0001)		
	Note: Excludes J-channels, starter strips and trim.			
07 46 33 00-0003	Horizontal Vinyl Siding Panels	(07 46 33 00-0002)		
	Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.			

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0004	SF		7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.47	1.36
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.042" Thick, Deduct</i>	0.07	
			<i>For 0.046" Thick, Add</i>	0.33	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0005	SF		8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.31	1.28
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.042" Thick, Deduct</i>	0.07	
			<i>For 0.046" Thick, Add</i>	0.33	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0006	SF		9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.20	1.22
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.042" Thick, Deduct</i>	0.07	
			<i>For 0.046" Thick, Add</i>	0.33	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0007	SF		10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	3.08	1.16
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.042" Thick, Deduct</i>	0.07	
			<i>For 0.046" Thick, Add</i>	0.33	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0008	SF		12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	2.91	1.08
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.042" Thick, Deduct</i>	0.07	
			<i>For 0.046" Thick, Add</i>	0.33	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0009			Vertical Vinyl Siding Panels <small>(07 46 33 00-0002)</small>		
07 46 33 00-0010	SF		7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	4.06	1.36
			<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0011			Vinyl Siding Accessories <small>(07 46 33 00-0001)</small>		
07 46 33 00-0012	LF		3/4" Pocket, Outside Corner Post For Vinyl Siding.....	3.58	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0013	LF		1-1/8" Pocket, Outside Corner Post For Vinyl Siding.....	6.17	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.20	
07 46 33 00-0014	LF		3/4" Pocket, Inside Corner Post For Vinyl Siding.....	3.13	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	
07 46 33 00-0015	LF		1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	3.62	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0016	LF		3/8" Pocket, J-Channel For Vinyl Siding.....	2.33	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0017	LF		1/2" Pocket, J-Channel For Vinyl Siding.....	2.29	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0018	LF		5/8" Pocket, J-Channel For Vinyl Siding.....	2.30	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0019	LF		3/4" Pocket, J-Channel For Vinyl Siding.....	2.33	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0020	LF		1" Pocket, J-Channel For Vinyl Siding.....	2.54	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0021	LF		1-1/4" Pocket, J-Channel For Vinyl Siding.....	2.56	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0022	LF		2-1/2" Pocket, J-Channel For Vinyl Siding.....	4.21	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0023	LF		1/2" Pocket, F-Channel For Vinyl Siding.....	2.01	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0024	LF		3/4" Pocket, 3-3/4" Lineals For Vinyl Siding.....	4.71	1.43
			<i>For Manufacturer's Custom Colors, Add</i>	0.09	
07 46 33 00-0025	LF		3/4" Pocket, 5" Lineals For Vinyl Siding.....	4.78	1.43
			<i>For Manufacturer's Custom Colors, Add</i>	0.10	
07 46 33 00-0026	LF		1-1/8" Pocket, 3-1/2" Lineals For Vinyl Siding.....	4.71	1.43
			<i>For Manufacturer's Custom Colors, Add</i>	0.09	
07 46 33 00-0027	LF		3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	3.72	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0028	LF		Vinyl Starter Strip For Vinyl Siding.....	3.35	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.06	
07 46 33 00-0029	LF		Undersill Trim For Vinyl Siding.....	2.51	1.04
			<i>For Manufacturer's Custom Colors, Add</i>	0.02	
07 46 33 00-0030			Vinyl Soffit And Fascia <small>(07 46 33 00-0001)</small>		
			Note: Excludes J-channel.		
07 46 33 00-0031	LF		6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	2.73	1.11
			<i>For 0.038" Thick, Deduct</i>	-0.10	
			<i>For 0.040" Thick, Deduct</i>	-0.06	
			<i>For 0.046" Thick, Add</i>	0.11	
			<i>For Manufacturer's Custom Colors, Add</i>	0.03	
07 46 33 00-0032	LF		10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	3.18	1.17
			<i>For 0.038" Thick, Deduct</i>	-0.18	
			<i>For 0.040" Thick, Deduct</i>	-0.11	
			<i>For 0.046" Thick, Add</i>	0.19	
			<i>For Manufacturer's Custom Colors, Add</i>	0.04	
07 46 33 00-0033	LF		1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	3.41	1.20
			<i>For 0.038" Thick, Deduct</i>	-0.23	
			<i>For 0.040" Thick, Deduct</i>	-0.15	
			<i>For 0.046" Thick, Add</i>	0.22	
			<i>For Manufacturer's Custom Colors, Add</i>	0.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0034	LF		1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	4.03 -0.35 -0.23 0.34 0.08	1.26
07 46 33 00-0035	LF		2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	4.80 -0.45 -0.29 0.45 0.10	1.38
07 46 33 00-0036	LF		3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	6.08 -0.70 -0.46 0.67 0.15	1.52
07 46 33 00-0037	LF		4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	7.39 -0.92 -0.60 0.89 0.20	1.68
07 46 33 00-0038	LF		5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For 0.046" Thick, Add</i> <i>For Manufacturer's Custom Colors, Add</i>	8.75 -1.17 -0.77 1.12 0.25	1.84
07 46 33 00-0039	LF		4" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	2.88 0.04	1.09
07 46 33 00-0040	LF		6" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	3.14 0.05	1.11
07 46 33 00-0041	LF		8" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	3.30 0.05	1.14
07 46 33 00-0042	LF		10" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	3.50 0.06	1.17
07 46 33 00-0043			Fiberglass Siding (07 46 33)		
07 46 33 00-0044			Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045	SF		6 Ounce Corrugated Fiberglass Panels.....	4.35	1.59
07 46 33 00-0046	SF		8 Ounce Corrugated Fiberglass Panels.....	4.58	1.43
07 46 33 00-0047	SF		12 Ounce Corrugated Fiberglass Panels.....	5.01	1.43
07 46 33 00-0048			Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF		6 Ounce Flat Fiberglass Panels.....	4.20	1.43
07 46 33 00-0050	SF		8 Ounce Flat Fiberglass Panels.....	4.58	1.43
07 46 46			Fiber-Cement Siding (07 46)		
			Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001			5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002	SF		5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.66	1.68
07 46 46 00-0003	SF		6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.43	1.59
07 46 46 00-0004	SF		7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.33	1.55
07 46 46 00-0005	SF		8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.23	1.51
07 46 46 00-0006	SF		9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	4.04	1.43
07 46 46 00-0007	SF		12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	3.85	1.36
07 46 46 00-0008	LF		Starter Strip, Fiber Cement Lap Siding.....	1.02	0.40
07 46 46 00-0009			Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF		Fiber Cement Shingle Siding.....	6.95	1.47
07 46 46 00-0011			Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF		Fiber Cement Vertical Panel Siding.....	3.42	1.20
07 46 46 00-0013			Fiber Cement Trim Boards (07 46 46)		
07 46 46 00-0014			7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0015	LF		4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	2.22	0.80
07 46 46 00-0016	LF		6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	2.82	0.87
07 46 46 00-0017	LF		8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.36	0.95
07 46 46 00-0018	LF		12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.40	1.12
07 46 46 00-0019			3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020	LF		4" Wide, 3/4" Thick, Fiber Cement Trim Board.....	2.33	0.80
07 46 46 00-0021	LF		6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	2.98	0.87
07 46 46 00-0022	LF		8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.63	0.95
07 46 46 00-0023	LF		12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.82	1.12
07 46 46 00-0024			1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025	LF		4" Wide, 1" Thick, Fiber Cement Trim Board.....	2.46	0.80

07 Thermal And Moisture Protection**07 40 Roofing And Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 46 00-0026	LF		6" Wide, 1" Thick, Fiber Cement Trim Board	3.21	0.87
07 46 46 00-0027	LF		8" Wide, 1" Thick, Fiber Cement Trim Board	3.97	0.95
07 46 46 00-0028	LF		12" Wide, 1" Thick, Fiber Cement Trim Board	5.27	1.12
07 46 46 00-0029			Fiber Cement Fascia Board <small>(07 46 46)</small>		
07 46 46 00-0030	LF		5/4" x 3-1/2" Fiber Cement Fascia Board.....	4.20	1.58
07 46 46 00-0031	LF		5/4" x 5-1/2" Fiber Cement Fascia Board.....	5.16	1.75
07 46 46 00-0032	LF		5/4" x 7-1/4" Fiber Cement Fascia Board.....	5.68	1.75
07 46 46 00-0033	LF		5/4" x 11-1/4" Fiber Cement Fascia Board.....	7.43	2.06
07 46 46 00-0034			Fiber Cement Soffit Boards <small>(07 46 46)</small>		
07 46 46 00-0035	SF		1/4" Thick, Non Vented Fiber Cement Soffit	4.29	1.14
07 46 46 00-0036	SF		1/4" Thick, Vented Fiber Cement Soffit.....	4.55	1.14
07 46 63			Fabricated Panel Assemblies With Siding <small>(07 46)</small>		
07 46 63 00-0001			Metal Liner Panels <small>(07 46 63)</small>		
07 46 63 00-0002			Galvanized Metal Liner Panels <small>(07 46 63 00-0001)</small>		
07 46 63 00-0003	SF		24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	6.14	1.35
07 46 63 00-0004	SF		22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	6.67	1.35
07 46 63 00-0005	SF		20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	7.62	1.35
07 46 63 00-0006	SF		18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	7.71	1.35
07 50			Membrane Roofing <small>(07)</small>		
Note: Includes placement of materials on roof up to 2-1/2 stories. See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.					
07 51			Built-Up Bituminous Roofing <small>(07 50)</small>		
07 51 13			Built-Up Asphalt Roofing <small>(07 51)</small>		
07 51 13 00-0001			Built-Up Asphalt Roofing Components <small>(07 51 13)</small>		
07 51 13 00-0002			Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0001)</small>		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0066 for built-up roofing demolition.					
07 51 13 00-0003			Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
Note: Includes applying cold adhesive and embedding the membrane.					
07 51 13 00-0004			Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0003)</small>		
07 51 13 00-0005	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied	56.49	
			For Up To 10, Add	10.32	
			For >10 To 25, Add	7.82	
07 51 13 00-0006	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	138.10	
			For Up To 10, Add	14.40	
			For >10 To 25, Add	11.90	
07 51 13 00-0007			Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0003)</small>		
07 51 13 00-0008	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied.....	3.67	
07 51 13 00-0009			Hot-Mopped, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
Note: Includes mopping hot asphalt and embedding the membrane.					
07 51 13 00-0010			Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0009)</small>		
07 51 13 00-0011	SQ		Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	44.46	
			For Up To 10, Add	9.72	
			For >10 To 25, Add	7.22	
07 51 13 00-0012	SQ		Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped.....	46.79	
			For Up To 10, Add	9.83	
			For >10 To 25, Add	7.34	
07 51 13 00-0013	SQ		Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	49.44	
			For Up To 10, Add	9.97	
			For >10 To 25, Add	7.47	
07 51 13 00-0014	SQ		Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	78.76	
			For Up To 10, Add	11.43	
			For >10 To 25, Add	8.93	
07 51 13 00-0015	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	126.08	
			For Up To 10, Add	13.80	
			For >10 To 25, Add	11.30	
07 51 13 00-0016	SQ		Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	99.09	
			For Up To 10, Add	13.16	
			For >10 To 25, Add	10.43	
07 51 13 00-0017			Hot-Mopped, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0009)</small>		
07 51 13 00-0018	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	2.58	

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

07 51 13 00-0019			Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002) Note: Includes fasteners.		
07 51 13 00-0020			Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)		
07 51 13 00-0021	SQ		Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	40.93	
			For Up To 10, Add	5.79	
			For >10 To 25, Add	4.54	
07 51 13 00-0022	SQ		Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	72.90	
			For Up To 10, Add	7.39	
			For >10 To 25, Add	6.14	
07 51 13 00-0023	SQ		Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	120.22	
			For Up To 10, Add	9.76	
			For >10 To 25, Add	8.51	
07 51 13 00-0024			Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)		
07 51 13 00-0025	SF		Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	2.97	
07 51 13 00-0026			Asphalt Saturated Organic Felt (07 51 13 00-0001)		
07 51 13 00-0027			Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026) Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028	SQ		15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	55.04	
			For Up To 10, Add	10.25	
			For >10 To 25, Add	7.75	
07 51 13 00-0029	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	61.04	
			For Up To 10, Add	10.55	
			For >10 To 25, Add	8.05	
07 51 13 00-0030			Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026) Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031	SQ		15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	43.01	
			For Up To 10, Add	9.64	
			For >10 To 25, Add	7.15	
07 51 13 00-0032	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	49.01	
			For Up To 10, Add	9.94	
			For >10 To 25, Add	7.45	
07 51 13 00-0033			Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026) Note: Includes fasteners.		
07 51 13 00-0034	SQ		15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	21.51	
			For Up To 10, Add	4.82	
			For >10 To 25, Add	3.57	
07 51 13 00-0035	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	27.51	
			For Up To 10, Add	5.12	
			For >10 To 25, Add	3.87	
07 51 13 00-0036			Surfacing (07 51 13 00-0001)		
07 51 13 00-0037	SQ		400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	99.20	
			For Up To 10, Add	23.70	
			For >10 To 25, Add	17.45	
07 51 13 00-0038	SQ		400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	134.51	
			For Up To 10, Add	25.46	
			For >10 To 25, Add	19.22	
07 51 13 00-0039	CY		Gravel Roofing Ballast, Spread To Desired Thickness	112.92	
			Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ		Protective Polypropylene Fabric Mat, Loose Laid.....	28.51	
			Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
			For Up To 10, Add	3.90	
			For >10 To 25, Add	3.07	
07 51 13 00-0041	SQ		Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	58.53	
			Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
			For Up To 10, Add	7.42	
			For >10 To 25, Add	5.92	
07 51 13 00-0042	SQ		Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat.....	52.69	
			Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
			For Up To 10, Add	7.13	
			For >10 To 25, Add	5.63	
07 51 13 00-0043	SQ		Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat.....	68.63	
			Note: Reflective coating for use over smooth-surfaced built-up roofs.		
			For Up To 10, Add	7.93	
			For >10 To 25, Add	6.43	
07 51 13 00-0044	SQ		100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....	69.15	
			Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
			For Up To 10, Add	7.95	
			For >10 To 25, Add	6.46	
			For Installation Over Granule Surfaced Asphalt Roof Systems, Add	19.34	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....	71.29
		Note: Bleed blocking coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.	
		<i>For Up To 10, Add</i>	8.06
		<i>For >10 To 25, Add</i>	6.56
		<i>For Installation Over Granule Surfaced Asphalt Roof Systems, Add</i>	20.05
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast.....	1.35
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	
07 51 13 00-0047	SF	Energy Star, Ceramic Coated Roofing Granules, Hand Broadcast.....	2.71
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.	
07 51 13 00-0048		Walkway Pads <small>(07 51 13 00-0001)</small>	
		Note: Set in hot asphalt or cold adhesive.	
07 51 13 00-0049	LF	5/16" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad.....	14.18
07 51 13 00-0050	LF	1/2" Thick, 32" Wide, Skid Resistant, SBS Modified Bitumen Walkway Pad	16.69
07 51 13 00-0051		Cant And Tapered Edge Strips <small>(07 51 13 00-0001)</small>	
07 51 13 00-0052	LF	2" x 2" Perlite Cant Strip	2.61
07 51 13 00-0053	LF	3" x 3" Perlite Cant Strip	2.67
07 51 13 00-0054	LF	4" x 4" Perlite Cant Strip	2.94
07 51 13 00-0055	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	2.73
07 51 13 00-0056	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	2.82
07 51 13 00-0057	LF	1/2" x 6" Perlite Tapered Edge Strip	2.93
07 51 13 00-0058	LF	1/2" x 12" Perlite Tapered Edge Strip	3.24
07 51 13 00-0059	LF	1" x 12" Perlite Tapered Edge Strip	3.33
07 51 13 00-0060	LF	1" x 24" Perlite Tapered Edge Strip	3.66
07 51 13 00-0061	LF	1-1/2" x 12" Perlite Tapered Edge Strip	3.63
07 51 13 00-0062	LF	1-1/2" x 18" Perlite Tapered Edge Strip	4.22
07 51 13 00-0063	LF	1-1/2" x 24" Perlite Tapered Edge Strip	4.65
07 51 13 00-0064		Asphalt Primer <small>(07 51 13 00-0001)</small>	
07 51 13 00-0065	SQ	Asphalt Primer For Roofing Systems.....	22.84
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.	
07 51 13 00-0066		Demolish Built-Up Roofing <small>(07 51 13 00-0001)</small>	
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.	
07 51 13 00-0067	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	264.39
		<i>For Up To 10, Add</i>	65.58
		<i>For >10 To 25, Add</i>	39.35
07 51 13 00-0068	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System.....	203.96
		Note: Includes protective surfacing.	
		<i>For Up To 10, Add</i>	50.59
		<i>For >10 To 25, Add</i>	30.36
07 51 13 00-0069		Roofing System Warranty <small>(07 51 13 00-0001)</small>	
		Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.	
07 51 13 00-0070	EA	Up To 70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	350.00
07 51 13 00-0071	SQ	>70 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	5.00
07 51 13 00-0072	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	400.00
07 51 13 00-0073	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.00
07 51 13 00-0074	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	550.00
07 51 13 00-0075	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	11.00
07 51 13 00-0076		Built-Up Roofing Components (Garland) <small>(07 51 13)</small>	
		Note: All tasks presented as a single layer. Adhesives are priced separately.	
07 51 13 00-0077		Modified Cap Membranes <small>(07 51 13 00-0076)</small>	
07 51 13 00-0078		Modified Cap Membranes, Hot/Cold Applied <small>(07 51 13 00-0077)</small>	
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.	
07 51 13 00-0079	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane, Minimum 145 Mil.....	316.51
07 51 13 00-0080	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth SBS-Modified Membrane With Recycled Rubber, 105 Mil.....	222.84
07 51 13 00-0081	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced SBS-Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	275.17
07 51 13 00-0082	SQ	Stressply® E Eco-Responsible, Smooth SBS/SIS Membrane With High Recycled Content And Renewable Materials	285.84
07 51 13 00-0083	SQ	Stressply® E FR Mineral Eco-Responsible, SBS/SIS Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	404.51
07 51 13 00-0084	SQ	Stressply® EUV SPF Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 SBS/SIS-Modified Membrane With Recycled Rubber, 160 Mil	445.84
07 51 13 00-0085	SQ	Versiply® 80 Dual Fiberglass Reinforced SBS-Modified Membrane, 80 Mil.....	185.30
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.	

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

07 51 13 00-0086	SQ		Versiply® Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Minimum 145 Mil.....	235.17	
07 51 13 00-0087	SQ		BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced SBS Modified Membrane, 140 Mil	181.84	
07 51 13 00-0088			Modified Cap Membranes, Self-Adhering (07 51 13 00-0077) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0089	SQ		Stressply® SA FR Mineral SBS-Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil.....	280.84	
			Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
07 51 13 00-0090			Modified Cap Membranes, Torch-Applied (07 51 13 00-0077) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0091	SQ		Stressply® IV Dual Fiberglass Reinforced, Smooth SBS-Modified Membrane, Torch Applied, 180 Mil	345.84	
			Note: Smooth surfaced SBS torch modified top ply of torch system with gravel.		
07 51 13 00-0092	SQ		Stressply® IV Mineral Dual Fiberglass Reinforced SBS-Modified Membrane, Torch Applied, Minimum 195 Mil	375.17	
07 51 13 00-0093	SQ		Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface SBS-Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil.....	396.51	
07 51 13 00-0094			Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0077) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0095	SQ		Millennium® Poly/Fiberglass Reinforced, Smooth SBS-Modified Coal Tar Membrane, Minimum 120 Mil	316.27	
07 51 13 00-0096	SQ		Millennium® FR Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	501.84	
07 51 13 00-0097	SQ		Millennium® Mineral Poly/Fiberglass Reinforced SBS-Modified Coal Tar Membrane, Minimum 160 Mil	409.84	
07 51 13 00-0098			Base Plys (07 51 13 00-0078) Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems.		
07 51 13 00-0099	SQ		Flexbase® 120 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil	301.84	
07 51 13 00-0100	SQ		Flexbase® 80 Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil	178.84	
07 51 13 00-0101	SQ		HPR® Aqua Shield Styrene-Butadiene Rubber (SBR)-Modified Fiberglass Reinforced Self-Adhering Underlayment For Ice And Water Protection, 60 Mil.....	112.80	
07 51 13 00-0102	SQ		HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil	41.97	
			Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.		
07 51 13 00-0103	SQ		HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil	28.50	
			Note: Inner ply felts for hot applied built up and modified BUR systems.		
07 51 13 00-0104	SQ		HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	63.30	
07 51 13 00-0105	SQ		HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	37.30	
07 51 13 00-0106	SQ		HPR® Tribase Premium Poly/Fiberglass Reinforced SBS-Modified Base Sheet, 60 Mil.....	109.27	
			Note: Inner plies for cold applied modified, SBS modified, or 2 plies under cap sheet.		
07 51 13 00-0107	SQ		Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil	180.94	
07 51 13 00-0108	SQ		HPR® SA FR Base Sheet SBS Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil.....	157.84	
			Note: Self adhering base ply for self adhering 2 ply system.		
07 51 13 00-0109	SQ		HPR® Torch Base Sheet Fiberglass Reinforced SBS-Modified Base Sheet Used As Base Ply For Torch Applied Membranes, 110 Mil	212.84	
			Note: Torch base sheet used as base ply for torch applied system.		
07 51 13 00-0110	SQ		StressBase® 120 Fiberglass Reinforced SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil	158.30	
07 51 13 00-0111	SQ		StressBase® 80 Fiberglass Reinforced, Smooth SBS-Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil	131.97	
07 51 13 00-0112	LF		Garmesh® 6" SBS Coated Woven Fiberglass Reinforcing Fabric.....	3.39	
07 51 13 00-0113	SQ		Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	35.40	
07 51 13 00-0114	SQ		Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	33.00	
07 51 13 00-0115	LF		Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	4.36	
07 51 13 00-0116	LF		Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	3.26	
07 51 13 00-0117	LF		Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	3.33	
07 51 13 00-0118	SQ		4873 HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	70.00	
07 51 13 00-0119			Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0078)		
07 51 13 00-0120	SQ		Water Based Roof Primer, GarlaPrime VOC Primer (1 GAL/SQ).....	30.04	
07 51 13 00-0121	SQ		All-Knight™ Primer Bleed Blocker For Asphalt And Coal Tar Roofs Used With White-Knight, Garla-Brite And Pyramic Roof Systems (0.5 GAL/SQ).....	41.64	
07 51 13 00-0122	SQ		Black-Knight® Primer (0.5 GAL/SQ).....	21.24	
07 51 13 00-0123	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply (1.5-2.0 GAL/SQ).....	75.44	
07 51 13 00-0124	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ).....	180.65	
07 51 13 00-0125	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ).....	288.14	
07 51 13 00-0126	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply (30 LB/SQ).....	95.51	
07 51 13 00-0127	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat (70 LB/SQ).....	209.74	
07 51 13 00-0128	SQ		Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	86.85	
07 51 13 00-0129	SQ		Energizer® K Plus FR Cold Applied SBS Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration (6 GAL/SQ).....	166.15	
07 51 13 00-0130	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	206.81	
07 51 13 00-0131	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration (6 GAL/SQ).....	406.16	
07 51 13 00-0132	SQ		Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproofer, Interply (25 LB/SQ).....	77.07	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 51 13 00-0133	SQ	Garlastic® KM Plus Premium Hot Applied, SEBS Modified Adhesive/Waterproof, Flood Coat (60 LB/SQ)	170.74
07 51 13 00-0134	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With SBS Sheets Only (2-3 GAL/SQ)	233.50
07 51 13 00-0135	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With SBS Sheets Only (2.0-2.5 GAL/SQ)	165.65
07 51 13 00-0136	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply (25 LB/SQ)	44.90
07 51 13 00-0137	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat (60 LB/SQ)	93.54
07 51 13 00-0138	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel (150 SF/Cartridge)	78.27
07 51 13 00-0139	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers (150 SF/Cartridge)	77.91
07 51 13 00-0140	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products (150-200 SF/GAL)	34.10
		Note: Adheres all insulation layers for cold systems.	
07 51 13 00-0141	SQ	Pyramic® White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required (1-1.5 GAL/SQ)	59.80
07 51 13 00-0142	SQ	Pyramic® Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System, Top Coat Required (1-1.5 GAL/SQ)	59.24
07 51 13 00-0143	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh (1 GAL/7 LF)	11.43
07 51 13 00-0144	SQ	Solex® White, Kynar Acrylic Topcoat Roof Coating Used With Pyramic Base Coat (0.5 GAL/SQ)	111.24
07 51 13 00-0145	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric (2-2.5 GAL/SQ)	203.41
07 51 13 00-0146	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ)	110.54
07 51 13 00-0147	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Restoration (6-8 GAL/SQ)	152.95
07 51 13 00-0148	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply (2.5 GAL/SQ)	67.65
07 51 13 00-0149	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System (2-3 GAL/SQ)	195.01
07 51 13 00-0150	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply (2.5 GAL/SQ)	67.15
		Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.	
07 51 13 00-0151		Built-Up Roofing Components (Tremco) (07 51 13)	
		Note: All tasks presented as a single layer. Adhesives are priced separately.	
07 51 13 00-0152		Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0151)	
07 51 13 00-0153	SQ	BURmastic Composite Ply, Cold Applied BUR Component	77.23
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.	
07 51 13 00-0154	SQ	BURmastic Premium Composite Ply, Cold Applied BUR Component	93.43
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0155	SQ	BURmastic Supreme Composite Ply, Cold Applied BUR Component	103.33
		Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.	
07 51 13 00-0156	SQ	28 LB BURmastic Glass Ply, Cold Applied BUR Component	23.87
		Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0157	SQ	33 LB BURmastic Glass Ply, Cold Applied BUR Component	34.23
		Note: Asphalt coated fiberglass base or ply sheet. Type II.	
07 51 13 00-0158	SQ	POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component	139.52
		Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	
07 51 13 00-0159	SQ	POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component	129.13
		Note: A smooth surfaced, non woven fiberglass/scrims fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	
07 51 13 00-0160		Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0151)	
07 51 13 00-0161	SQ	POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component	80.50
		Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0162	SQ	POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component	209.85
		Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0163	SQ	POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component	345.79
		Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	
07 51 13 00-0164	SQ	POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component	94.54
		Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	
07 51 13 00-0165	SQ	POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component	143.52
		Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	
07 51 13 00-0166	SQ	POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component	343.93
		Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	
07 51 13 00-0167	SQ	POWERply Standard FR T24 Cap Membrane, Hot Or Cold Applied BUR Component	273.82
		Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	
07 51 13 00-0168	SQ	POWERply HE FR Cap Sheet, Hot Applied BUR Component	246.97
		Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	
07 51 13 00-0169		Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0151)	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0170	SQ		POWERply SA Base Sheet, Self Adhesive Roofing 143.74 Note: A self adhesive, fiberglass reinforced SBS modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.		
07 51 13 00-0171	SQ		POWERply SA FR Membrane, Self Adhesive Roofing 286.76 Note: A fire rated, granule surfaced, polyester reinforced, self adhesive SBS modified bitumen membrane. Type I, Grade G. 130 mils.		
07 51 13 00-0172			Flashings (07 51 13 00-0151)		
07 51 13 00-0173	LF		11-1/2" Hypalon Elastomeric Flashing 9.64 Note: 45 mils.		
07 51 13 00-0174	LF		19" Hypalon Elastomeric Flashing 15.79 Note: 45 mils.		
07 51 13 00-0175	LF		25" Hypalon Elastomeric Flashing 20.97 Note: 45 mils.		
07 51 13 00-0176	LF		38" Hypalon Elastomeric Flashing 30.67 Note: 45 mils.		
07 51 13 00-0177	LF		60-1/2" Hypalon Elastomeric Flashing 50.65 Note: 45 mils.		
07 51 13 00-0178	LF		12" TRA Elastomeric Flashing Membrane 7.80 Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0179	LF		18" TRA Elastomeric Flashing Membrane 12.85 Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0180	LF		24" TRA Elastomeric Flashing Membrane 17.11 Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0181	LF		36" TRA Elastomeric Flashing Membrane 24.93 Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0182	LF		60" TRA Elastomeric Flashing Membrane 42.01 Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0183	LF		4" BURmesh Fabric 3.21 Note: Glass membrane for reinforcement or repair of roof membranes and flashings.		
07 51 13 00-0184	LF		6" BURmesh Fabric 3.30 Note: Glass membrane for reinforcement or repair of roof membranes and flashings.		
07 51 13 00-0185	LF		12" BURmesh Fabric 4.29 Note: Glass membrane for reinforcement or repair of roof membranes and flashings.		
07 51 13 00-0186	LF		36" BURmesh Fabric 12.13 Note: Glass membrane for reinforcement or repair of roof membranes and flashings.		
07 51 13 00-0187			Cold Applied Adhesives (07 51 13 00-0151)		
07 51 13 00-0188	SQ		BURmastic Inter-Ply Cold Applied Adhesive 92.37		
07 51 13 00-0189	SQ		BURmastic Flood Coat Cold Applied Adhesive 151.93		
07 51 13 00-0190	SQ		BURmastic SF Inter-Ply Cold Applied Adhesive 116.66		
07 51 13 00-0191	SQ		BURmastic LV Inter-Ply Cold Applied Adhesive 92.37		
07 51 13 00-0192	SQ		POWERply Standard Inter-Ply Cold Applied Adhesive 48.59		
07 51 13 00-0193	SQ		POWERply Standard Flood Coat Cold Applied Adhesive 105.60		
07 51 13 00-0194	SQ		POWERply White On White Cold Applied Adhesive 96.71		
07 51 13 00-0195	SQ		Rock-It Cold Applied Adhesive For Gravel Applications 281.36		
07 51 13 00-0196	SQ		FAS-n-FREE Cold Applied Adhesive (Beads 12" OC) 154.98 Note: For insulation only.		
07 51 13 00-0197	SQ		ECOLastic Cold Applied Adhesive 176.57		
07 51 13 00-0198			Hot Applied Adhesives (07 51 13 00-0151)		
07 51 13 00-0199	SQ		Premium III Asphalt Inter-Ply Hot Applied Adhesive 34.39		
07 51 13 00-0200	SQ		Premium III Asphalt Flood Coat Hot Applied Adhesive 68.33		
07 51 13 00-0201			Flashings Adhesives (07 51 13 00-0151)		
07 51 13 00-0202	LF		Sheeting Bond Flashing Adhesive 12.73 Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.		
07 51 13 00-0203	LF		Polyroof SF Flashing Mastic 16.21 Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.		
07 51 13 00-0204	LF		ELS Flashing Mastic 10.64 Note: Used for repairing flashings and asphalt built-up roof defects.		
07 51 13 00-0205	LF		TremSEAL D General Purpose Sealant 4.12		
07 51 13 00-0206	LF		TremSEAL HP High Performance Sealant 4.21		
07 51 13 00-0207	LF		TremSEAL S Silicone Sealant 4.14		
07 51 13 00-0208			Surfacing (07 51 13 00-0151)		
07 51 13 00-0209	SQ		TremLastic SP Non Fibered Elastomeric Emulsion Cold Applied Coating 135.91		
07 51 13 00-0210	SQ		ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating 305.72		
07 51 13 00-0211	SQ		Polar Coat 81.50		
07 51 13 00-0212	SQ		Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating 98.66		
07 51 13 00-0213	SQ		Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls 279.06		
07 51 13 00-0214	SQ		Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls 131.01		
07 51 13 00-0215			Primer (07 51 13 00-0151)		
07 51 13 00-0216	SQ		TREMprime WB Primer 23.40 Note: Water based polymer modified asphalt primer.		
07 51 13 00-0217	SQ		Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating 46.31		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 51 13 00-0218	Liquid Applied Roofing (07 51 13 00-0151)		
07 51 13 00-0219	SQ Trem-LAR LRM H Waterproofing (Horizontal)	232.90	
	Note: One part liquid applied elastomeric roofing membrane. 60 mils.		
07 51 13 00-0220	SQ Trem-LAR LRM V Waterproofing (Vertical).....	238.20	
	Note: One part liquid applied elastomeric roofing membrane. 60 mils.		
07 51 13 00-0221	Atactic-Polypropylene (APP) Products (07 51 13 00-0151)		
07 51 13 00-0222	SQ POWERply APP Base Sheet.....	120.53	
07 51 13 00-0223	SQ POWERply APP FR.....	226.57	
07 51 13 00-0224	SQ POWERply APP Smooth	181.62	
07 51 13 00-0225	Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0151)		
07 51 13 00-0226	SQ 45 Mil Tri-Polymer Alloy (TPA) White Membrane.....	322.34	
07 51 13 00-0227	SQ 60 Mil Tri-Polymer Alloy (TPA) White Membrane.....	435.54	
07 51 13 00-0228	SQ 80 Mil Tri-Polymer Alloy (TPA) White Membrane.....	491.87	
07 51 13 00-0229	Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0151)		
07 51 13 00-0230	SQ 45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	367.14	
07 51 13 00-0231	SQ 60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	446.27	
07 51 13 00-0232	SQ 80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane.....	542.22	
07 51 13 00-0233	Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0151)		
07 51 13 00-0234	SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane.....	179.54	
07 51 13 00-0235	SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane.....	180.23	
07 51 13 00-0236	SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane.....	299.55	
07 51 13 00-0237	Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0151)		
07 51 13 00-0238	SQ 45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	205.01	
07 51 13 00-0239	SQ 60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	228.13	
07 51 13 00-0240	SQ 80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane.....	325.63	
07 51 13 00-0241	Tremply HP 4510 CSPE White Membrane (07 51 13 00-0151)		
07 51 13 00-0242	SQ 45 Mil Tremply HP 4510 CSPE White Membrane.....	525.98	
07 51 13 00-0243	Warranty (07 51 13 00-0151)		
07 51 13 00-0244	EA Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0245	SF >10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0246	EA Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0247	SF >10,000 SF 20 Year Roofing System Warranty	0.20	

07 52 Modified Bituminous Membrane Roofing (07 50)**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing** (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)**07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing** (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	95.61	
	For Up To 10, Add	12.27	
	For >10 To 25, Add	9.78	
07 52 13 11-0004	SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	114.25	
	For Up To 10, Add	13.21	
	For >10 To 25, Add	10.71	
07 52 13 11-0005	SQ 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	186.21	
	For Up To 10, Add	16.80	
	For >10 To 25, Add	14.31	
07 52 13 11-0006	SQ 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	188.60	
	For Up To 10, Add	17.64	
	For >10 To 25, Add	14.90	
07 52 13 11-0007	SQ 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	129.14	
	For Up To 10, Add	14.67	
	For >10 To 25, Add	11.93	
	For Factory Applied White Reflective Surfacing, Add	52.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

07 52 13 11-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	147.99	
			For Up To 10, Add	15.61	
			For >10 To 25, Add	12.87	
			For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 11-0009	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	199.34	
			For Up To 10, Add	18.18	
			For >10 To 25, Add	15.44	
			For Factory Applied White Reflective Surfacing, Add	52.37	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)

07 52 13 11-0011	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.15	
07 52 13 11-0012	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	4.26	
			For Factory Applied White Reflective Surfacing, Add	0.52	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13 13)

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, APP Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)

07 52 13 13-0003	SQ		80 Mil, APP Modified Bitumen Base Sheet, Torch-Applied.....	65.46	
			For Up To 10, Add	8.90	
			For >10 To 25, Add	7.02	
07 52 13 13-0004	SQ		90 Mil, APP Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	84.10	
			For Up To 10, Add	9.83	
			For >10 To 25, Add	7.95	
07 52 13 13-0005	SQ		150 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	92.85	
			For Up To 10, Add	10.26	
			For >10 To 25, Add	8.39	
07 52 13 13-0006	SQ		160 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	97.62	
			For Up To 10, Add	10.50	
			For >10 To 25, Add	8.63	
07 52 13 13-0007	SQ		180 Mil, APP Modified Bitumen Ply Sheet, Torch-Applied.....	136.33	
			For Up To 10, Add	12.44	
			For >10 To 25, Add	10.56	
07 52 13 13-0008	SQ		150 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	93.98	
			For Up To 10, Add	10.66	
			For >10 To 25, Add	8.67	
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	99.94	
			For Up To 10, Add	10.96	
			For >10 To 25, Add	8.97	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	137.46	
			For Up To 10, Add	12.83	
			For >10 To 25, Add	10.85	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	97.73	
			For Up To 10, Add	10.84	
			For >10 To 25, Add	8.86	
			For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied	103.52	
			For Up To 10, Add	11.13	
			For >10 To 25, Add	9.15	
			For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	117.71	
			For Up To 10, Add	11.84	
			For >10 To 25, Add	9.86	
			For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	119.44	
			For Up To 10, Add	11.93	
			For >10 To 25, Add	9.94	
			For Factory Applied White Reflective Surfacing, Add	52.37	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Cap Sheet, Torch-Applied.....	167.93	
			For Up To 10, Add	14.35	
			For >10 To 25, Add	12.37	
			For Factory Applied White Reflective Surfacing, Add	52.37	

07 52 13 13-0016 Torch-Applied, APP Modified Bitumen Roofing Flashing (07 52 13 13-0001)

07 52 13 13-0017	SF		150 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied	1.87	
07 52 13 13-0018	SF		160 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.93	
07 52 13 13-0019	SF		180 Mil, Smooth Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.30	
07 52 13 13-0020	SF		170 Mil, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	1.97	
			For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 13 13-0021	SF		170 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.12	
			For Factory Applied White Reflective Surfacing, Add	0.52	
07 52 13 13-0022	SF		180 Mil, Fire Rated, Granule Surfaced, APP Modified Bitumen Flashing, Torch-Applied.....	2.61	
			For Factory Applied White Reflective Surfacing, Add	0.52	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

 07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

 07 52 13 14-0002 Mechanically Fastened, APP Modified Bitumen Roofing Base And Ply Sheets (07 52 13 14-0001)

 07 52 13 14-0003 SQ 90 Mil, APP Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....96.36
 For Up To 10, Add 8.56
 For >10 To 25, Add 7.31

07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

 07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

 07 52 16 11-0002 Cold Adhesive Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 11-0001)

 07 52 16 11-0003 SQ 50 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....77.37
 For Up To 10, Add 11.36
 For >10 To 25, Add 8.86
 07 52 16 11-0004 SQ 80 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....98.06
 For Up To 10, Add 12.40
 For >10 To 25, Add 9.90
 07 52 16 11-0005 SQ 90 Mil, SBS Modified Bitumen Base Sheet, Cold Adhesive Applied.....100.73
 For Up To 10, Add 12.53
 For >10 To 25, Add 10.03
 07 52 16 11-0006 SQ 120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....133.73
 For Up To 10, Add 14.18
 For >10 To 25, Add 11.68
 07 52 16 11-0007 SQ 125 Mil, SBS Modified Bitumen Ply Sheet, Cold Adhesive Applied.....167.13
 For Up To 10, Add 15.85
 For >10 To 25, Add 13.35
 07 52 16 11-0008 SQ 140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....141.83
 For Up To 10, Add 15.30
 For >10 To 25, Add 12.56
 07 52 16 11-0009 SQ 150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....145.42
 For Up To 10, Add 15.48
 For >10 To 25, Add 12.74
 07 52 16 11-0010 SQ 125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....128.60
 For Up To 10, Add 14.64
 For >10 To 25, Add 11.90
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0011 SQ 140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....130.15
 For Up To 10, Add 14.72
 For >10 To 25, Add 11.98
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0012 SQ 150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....144.47
 For Up To 10, Add 15.43
 For >10 To 25, Add 12.70
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0013 SQ 160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....146.85
 For Up To 10, Add 15.55
 For >10 To 25, Add 12.81
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0014 SQ 170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....167.73
 For Up To 10, Add 16.59
 For >10 To 25, Add 13.86
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0015 SQ 180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....205.76
 For Up To 10, Add 18.50
 For >10 To 25, Add 15.76
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0016 SQ 125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....131.19
 For Up To 10, Add 14.77
 For >10 To 25, Add 12.03
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0017 SQ 140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....134.93
 For Up To 10, Add 14.95
 For >10 To 25, Add 12.22
 For Factory Applied White Reflective Surfacing, Add 52.37
 07 52 16 11-0018 SQ 150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....155.20
 For Up To 10, Add 15.97
 For >10 To 25, Add 13.23
 For Factory Applied White Reflective Surfacing, Add 52.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	155.68	
			<i>For Up To 10, Add</i>	15.99	
			<i>For >10 To 25, Add</i>	13.26	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	164.75	
			<i>For Up To 10, Add</i>	16.45	
			<i>For >10 To 25, Add</i>	13.71	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 11-0021			Cold Adhesive Applied, SBS Modified Bitumen Roofing Flashing <small>(07 52 16 11-0001)</small>		
07 52 16 11-0022	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied	3.72	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.55	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.57	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.74	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.94	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	4.32	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.58	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0029	SF		140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.62	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0030	SF		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.82	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0031	SF		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	3.91	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 11-0032	SF		145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	4.66	
07 52 16 11-0033	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Cold Adhesive Applied.....	7.34	
07 52 16 12			Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16)</small>		
07 52 16 12-0001			Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16 12)</small>		
			Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002			Hot-Mopped, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 12-0001)</small>		
07 52 16 12-0003	SQ		50 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	65.34	
			<i>For Up To 10, Add</i>	10.76	
			<i>For >10 To 25, Add</i>	8.26	
07 52 16 12-0004	SQ		80 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	86.03	
			<i>For Up To 10, Add</i>	11.80	
			<i>For >10 To 25, Add</i>	9.30	
07 52 16 12-0005	SQ		90 Mil, SBS Modified Bitumen Base Sheet, Hot-Mopped	88.70	
			<i>For Up To 10, Add</i>	11.93	
			<i>For >10 To 25, Add</i>	9.43	
07 52 16 12-0006	SQ		120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Hot-Mopped	121.70	
			<i>For Up To 10, Add</i>	13.58	
			<i>For >10 To 25, Add</i>	11.08	
07 52 16 12-0007	SQ		125 Mil, SBS Modified Bitumen Ply Sheet, Hot-Mopped	155.10	
			<i>For Up To 10, Add</i>	15.25	
			<i>For >10 To 25, Add</i>	12.75	
07 52 16 12-0008	SQ		140 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	129.85	
			<i>For Up To 10, Add</i>	14.70	
			<i>For >10 To 25, Add</i>	11.96	
07 52 16 12-0009	SQ		150 Mil, Smooth Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	133.45	
			<i>For Up To 10, Add</i>	14.88	
			<i>For >10 To 25, Add</i>	12.14	
07 52 16 12-0010	SQ		125 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	116.63	
			<i>For Up To 10, Add</i>	14.04	
			<i>For >10 To 25, Add</i>	11.30	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0011	SQ		140 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	118.18	
			<i>For Up To 10, Add</i>	14.12	
			<i>For >10 To 25, Add</i>	11.38	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	132.49	
			<i>For Up To 10, Add</i>	14.83	
			<i>For >10 To 25, Add</i>	12.10	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	134.88	
			<i>For Up To 10, Add</i>	14.95	
			<i>For >10 To 25, Add</i>	12.22	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0014	SQ		170 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	155.75	
			<i>For Up To 10, Add</i>	16.00	
			<i>For >10 To 25, Add</i>	13.26	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0015	SQ		180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped.....	193.78	
			<i>For Up To 10, Add</i>	17.90	
			<i>For >10 To 25, Add</i>	15.16	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	119.21	
			<i>For Up To 10, Add</i>	14.17	
			<i>For >10 To 25, Add</i>	11.43	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	122.95	
			<i>For Up To 10, Add</i>	14.36	
			<i>For >10 To 25, Add</i>	11.62	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	143.23	
			<i>For Up To 10, Add</i>	15.37	
			<i>For >10 To 25, Add</i>	12.63	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	143.70	
			<i>For Up To 10, Add</i>	15.39	
			<i>For >10 To 25, Add</i>	12.66	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Hot-Mopped	152.77	
			<i>For Up To 10, Add</i>	15.85	
			<i>For >10 To 25, Add</i>	13.11	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 12-0021			Hot-Mopped, SBS Modified Bitumen Roofing Flashing <small>(07 52 16 12-0001)</small>		
07 52 16 12-0022	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.63	
07 52 16 12-0023	SF		125 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.46	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0024	SF		140 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.48	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0025	SF		150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.62	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0026	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.64	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0027	SF		170 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.85	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0028	SF		180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.23	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0029	SF		125 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.49	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0030	SF		140 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.52	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0031	SF		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.69	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0032	SF		170 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	2.82	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 12-0033	SF		145 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	3.56	
07 52 16 12-0034	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Hot-Mopped	6.25	
07 52 16 13			Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16)</small>		
07 52 16 13-0001			Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16 13)</small>		
			Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 16 13-0002			Torch-Applied, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 13-0001)</small>		
07 52 16 13-0003	SQ		120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Torch-Applied	109.55	
			<i>For Up To 10, Add</i>	11.10	
			<i>For >10 To 25, Add</i>	9.23	
07 52 16 13-0004	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	99.11	
			<i>For Up To 10, Add</i>	10.91	
			<i>For >10 To 25, Add</i>	8.93	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0005	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	112.70	
			<i>For Up To 10, Add</i>	11.59	
			<i>For >10 To 25, Add</i>	9.61	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	174.35	
			<i>For Up To 10, Add</i>	14.68	
			<i>For >10 To 25, Add</i>	12.69	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	102.99	
			<i>For Up To 10, Add</i>	11.11	
			<i>For >10 To 25, Add</i>	9.12	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	119.03	
			<i>For Up To 10, Add</i>	11.91	
			<i>For >10 To 25, Add</i>	9.92	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	124.12	
			<i>For Up To 10, Add</i>	12.16	
			<i>For >10 To 25, Add</i>	10.18	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Torch-Applied	161.54	
			<i>For Up To 10, Add</i>	14.04	
			<i>For >10 To 25, Add</i>	12.05	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	

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

07 52 16 13-0011			Torch-Applied, SBS Modified Bitumen Roofing Flashing <small>(07 52 16 13-0001)</small>		
07 52 16 13-0012	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.07	
07 52 16 13-0013	SF		150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.06	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0014	SF		180 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.67	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0015	SF		160 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.13	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0016	SF		165 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.17	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0017	SF		180 Mil, Fire Rated, Granule Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.55	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 13-0018	SF		150 Mil, Aluminum Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	2.63	
07 52 16 13-0019	SF		160 Mil, Copper Foil Surfaced, SBS Modified Bitumen Flashing, Torch-Applied.....	5.69	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 14-0001			Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16 14)</small>		
			Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 16 14-0002			Mechanically Fastened, SBS Modified Bitumen Roofing Base And Ply Sheets <small>(07 52 16 14-0001)</small>		
07 52 16 14-0003	SQ		35 Mil, SBS Modified Bitumen Ply Sheet, Mechanically Fastened.....	75.80	
			<i>For Up To 10, Add</i>	7.53	
			<i>For >10 To 25, Add</i>	6.29	
07 52 16 14-0004	SQ		50 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened.....	59.48	
			<i>For Up To 10, Add</i>	6.72	
			<i>For >10 To 25, Add</i>	5.47	
07 52 16 14-0005	SQ		80 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened.....	75.55	
			<i>For Up To 10, Add</i>	7.52	
			<i>For >10 To 25, Add</i>	6.27	
07 52 16 14-0006	SQ		90 Mil, SBS Modified Bitumen Base Sheet, Mechanically Fastened.....	93.30	
			<i>For Up To 10, Add</i>	8.41	
			<i>For >10 To 25, Add</i>	7.16	
07 52 16 14-0007	SQ		120 Mil, SBS Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	115.84	
			<i>For Up To 10, Add</i>	9.54	
			<i>For >10 To 25, Add</i>	8.29	
07 52 16 14-0008			Mechanically Fastened, SBS Modified Bitumen Roofing Flashing <small>(07 52 16 14-0001)</small>		
07 52 16 14-0009	SF		150 Mil, Smooth Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened.....	1.70	
07 52 16 14-0010	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Mechanically Fastened.....	1.73	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 15-0001			Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16 15)</small>		
			Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002			Self-Adhering, SBS Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 15-0001)</small>		
07 52 16 15-0003	SQ		60 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering.....	62.78	
			<i>For Up To 10, Add</i>	7.64	
			<i>For >10 To 25, Add</i>	6.14	
07 52 16 15-0004	SQ		70 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering.....	66.16	
			<i>For Up To 10, Add</i>	7.81	
			<i>For >10 To 25, Add</i>	6.31	
07 52 16 15-0005	SQ		120 Mil, SBS Modified Bitumen Base Sheet, Self-Adhering.....	107.95	
			<i>For Up To 10, Add</i>	10.23	
			<i>For >10 To 25, Add</i>	8.62	
07 52 16 15-0006	SQ		150 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering.....	127.77	
			<i>For Up To 10, Add</i>	11.22	
			<i>For >10 To 25, Add</i>	9.61	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	
07 52 16 15-0007	SQ		160 Mil, Granule Surfaced, SBS Modified Bitumen Cap Sheet, Self-Adhering.....	186.22	
			<i>For Up To 10, Add</i>	14.14	
			<i>For >10 To 25, Add</i>	12.53	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	52.37	

07 52 16 15-0008			Self-Adhering, SBS Modified Bitumen Roofing Flashing <small>(07 52 16 15-0001)</small>		
07 52 16 15-0009	SF		70 Mil, SBS Modified Bitumen Flashing, Self-Adhering.....	2.05	
07 52 16 15-0010	SF		150 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering.....	2.25	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	
07 52 16 15-0011	SF		160 Mil, Granule Surfaced, SBS Modified Bitumen Flashing, Self-Adhering.....	2.83	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	0.52	

07 53 Elastomeric Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices.

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing (07 53)**07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16)**

Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Fully Adhered	272.84	60.43
		Note: Includes adhesive.		
		For Up To 10, Add	49.62	
		For >10 To 25, Add	37.63	
		For 15 Year Warranty, Add	3.00	
07 53 16 00-0003	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Ballasted.....	186.98	30.22
		Note: Includes ballast.		
		For Up To 10, Add	27.34	
		For >10 To 25, Add	21.34	
		For 15 Year Warranty, Add	3.00	
07 53 16 00-0004	SQ	45 Mil, Single Ply CSPE Roofing Membrane, Mechanically Fastened.....	209.33	45.32
		Note: Includes fasteners.		
		For Up To 10, Add	37.45	
		For >10 To 25, Add	28.45	
		For 15 Year Warranty, Add	3.00	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing (07 53)**07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)**

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	145.69	30.22
		Note: Includes ballast.		
		For Up To 10, Add	25.27	
		For >10 To 25, Add	19.28	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	4.21	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	162.90	32.10
		Note: Includes ballast.		
		For Up To 10, Add	27.26	
		For >10 To 25, Add	20.89	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low Slope Fire Rated, Add	4.21	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
07 53 23 00-0004	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	236.48	33.99
		Note: Includes ballast.		
		For Up To 10, Add	32.06	
		For >10 To 25, Add	25.32	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low Slope Fire Rated, Add	4.21	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
		For Integral Polyester Fleece-Backing, Add	58.70	
07 53 23 00-0005	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	177.97	45.32
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	35.88	
		For >10 To 25, Add	26.89	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	4.21	
		For Low VOC Adhesive, Add	18.80	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
		For Integral Polyester Fleece-Backing, Add	58.70	
07 53 23 00-0006	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	195.19	47.21
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	37.87	
		For >10 To 25, Add	28.50	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low Slope Fire Rated, Add	4.21	
		For Low VOC Adhesive, Add	18.80	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
		For Integral Polyester Fleece-Backing, Add	64.87	
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	268.77	49.10
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	42.67	
		For >10 To 25, Add	32.93	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low Slope Fire Rated, Add	4.21	
		For Low VOC Adhesive, Add	18.80	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
		For Integral Polyester Fleece-Backing, Add	71.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	235.40	60.43
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	47.75	
			For >10 To 25, Add	35.75	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For Low VOC Adhesive, Add	46.99	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	58.70	
07 53 23 00-0009	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	252.61	62.33
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	49.73	
			For >10 To 25, Add	37.36	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For Low VOC Adhesive, Add	46.99	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	64.87	
07 53 23 00-0010	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	326.19	64.21
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	54.54	
			For >10 To 25, Add	41.79	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Low VOC Adhesive, Add	46.99	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
			For Integral Polyester Fleece-Backing, Add	71.60	
07 53 23 00-0011	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	167.92	45.32
			Note: Includes fasteners.		
			For Up To 10, Add	35.38	
			For >10 To 25, Add	26.38	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
07 53 23 00-0012	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	185.14	47.21
			Note: Includes fasteners.		
			For Up To 10, Add	37.36	
			For >10 To 25, Add	28.00	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	11.36	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
07 53 23 00-0013	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	258.72	49.10
			Note: Includes fasteners.		
			For Up To 10, Add	42.17	
			For >10 To 25, Add	32.42	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Low Slope Fire Rated, Add	4.21	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	40.15	
07 53 23 00-0014			Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories <small>(07 53 23)</small>		
07 53 23 00-0015	SQ		Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat.....	39.73	
			For Up To 10, Add	6.48	
			For >10 To 25, Add	4.98	
07 53 23 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat.....	40.96	
			Note: 55% solids by volume.		
			For Up To 10, Add	6.55	
			For >10 To 25, Add	5.05	
07 53 23 00-0017	EA		Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	26.30	7.18
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA		>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	36.02	7.18
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA		>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	64.06	7.18
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020	EA		6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket.....	84.09	7.93
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021	LF		30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad.....	19.84	4.38
			Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing.....	3.90	1.13
07 53 23 00-0023	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing.....	5.02	1.70

07 53 29 Polyisobutylene Roofing (07 53)

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 53 29 00-0001	Polyisobutylene (PIB) Roofing Membranes <small>(07 53 29)</small>		
	Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002	SQ 100 Mil, Single Ply PIB Roofing Membrane, Ballasted.....	277.65	33.99
	Note: Includes ballast.		
	For Up To 10, Add	34.12	
	For >10 To 25, Add	27.37	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
07 53 29 00-0003	SQ 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%).....	315.96	49.10
	Note: Includes adhesive.		
	For Up To 10, Add	45.03	
	For >10 To 25, Add	35.29	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
07 53 29 00-0004	SQ 100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered	382.43	64.21
	Note: Includes adhesive.		
	For Up To 10, Add	57.35	
	For >10 To 25, Add	44.61	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	

07 54 Thermoplastic Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing (07 54)

07 54 19 00-0001	Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes <small>(07 54 19)</small>		
	Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0002	SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	179.84	30.22
	Note: Includes ballast.		
	For Up To 10, Add	26.98	
	For >10 To 25, Add	20.98	
	For 15 Year Warranty, Add	3.00	
	For Colors, Add	26.00	
	For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0003	SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	204.90	32.10
	Note: Includes ballast.		
	For Up To 10, Add	29.36	
	For >10 To 25, Add	22.99	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
	For Colors, Add	26.00	
	For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0004	SQ 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	233.99	33.05
	Note: Includes ballast.		
	For Up To 10, Add	31.37	
	For >10 To 25, Add	24.82	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
	For Colors, Add	26.00	
	For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0005	SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	247.71	33.99
	Note: Includes ballast.		
	For Up To 10, Add	32.62	
	For >10 To 25, Add	25.88	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
	For Colors, Add	26.00	
	For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0006	SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	252.37	60.43
	Note: Includes adhesive.		
	For Up To 10, Add	48.59	
	For >10 To 25, Add	36.60	
	For 15 Year Warranty, Add	3.00	
	For Colors, Add	26.00	
	For Low VOC Adhesive, Add	33.61	
	For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0007	SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	277.44	62.33
	Note: Includes adhesive.		
	For Up To 10, Add	50.97	
	For >10 To 25, Add	38.61	
	For 15 Year Warranty, Add	3.00	
	For 20 Year Warranty, Add	6.00	
	For 25 Year Warranty, Add	8.00	
	For Colors, Add	26.00	
	For Low VOC Adhesive, Add	33.61	
	For Integral Polyester Fleece-Backing, Add	40.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	306.52	63.26
			Note: Includes adhesive.		
			For Up To 10, Add	52.99	
			For >10 To 25, Add	40.43	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	33.61	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered.....	320.24	64.21
			Note: Includes adhesive.		
			For Up To 10, Add	54.24	
			For >10 To 25, Add	41.50	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	33.61	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	198.09	45.32
			Note: Includes fasteners.		
			For Up To 10, Add	36.89	
			For >10 To 25, Add	27.89	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	223.15	47.21
			Note: Includes fasteners.		
			For Up To 10, Add	39.26	
			For >10 To 25, Add	29.90	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0012	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	252.23	48.16
			Note: Includes fasteners.		
			For Up To 10, Add	41.28	
			For >10 To 25, Add	31.72	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	265.96	49.10
			Note: Includes fasteners.		
			For Up To 10, Add	42.53	
			For >10 To 25, Add	32.79	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	6.00	
			For 25 Year Warranty, Add	8.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	40.70	
07 54 19 00-0014			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)		
07 54 19 00-0015	SQ		Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat	39.73	
			For Up To 10, Add	6.48	
			For >10 To 25, Add	4.98	
07 54 19 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	40.96	
			Note: 55% solids by volume.		
			For Up To 10, Add	6.55	
			For >10 To 25, Add	5.05	
07 54 19 00-0017	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	40.70	6.42
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018	EA		>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	56.16	7.18
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019	EA		>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	71.18	7.93
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020	EA		6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket	89.42	7.93
			Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021	LF		36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	17.33	4.38
07 54 19 00-0022	SF		Polyvinyl Chloride (PVC) Membrane Base Flashing.....	4.54	1.13
07 54 19 00-0023	SF		Polyvinyl Chloride (PVC) Membrane Curb Flashing	5.66	1.70
07 54 19 00-0024	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	5.95	1.13
			Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
07 54 23			Thermoplastic-Polyolefin Roofing (07 54)		
07 54 23 00-0001			Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)		
			Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002	SQ		45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	228.16	60.43
			Note: Includes adhesive.		
			For Up To 10, Add	47.38	
			For >10 To 25, Add	35.39	
			For 15 Year Warranty, Add	3.00	
			For Low VOC Adhesive, Add	46.99	
			For Integral Polyester Fleece-Backing, Add	33.25	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 54 23 00-0003	SQ	60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	242.54	62.33
		Note: Includes adhesive.		
		For Up To 10, Add	49.23	
		For >10 To 25, Add	36.86	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low VOC Adhesive, Add	46.99	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ	80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	300.76	64.21
		Note: Includes adhesive.		
		For Up To 10, Add	53.26	
		For >10 To 25, Add	40.52	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Low VOC Adhesive, Add	46.99	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0005	SQ	45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	156.70	45.32
		Note: Includes fasteners.		
		For Up To 10, Add	34.82	
		For >10 To 25, Add	25.82	
		For 15 Year Warranty, Add	3.00	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0006	SQ	60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	171.08	47.21
		Note: Includes fasteners.		
		For Up To 10, Add	36.66	
		For >10 To 25, Add	27.29	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0007	SQ	80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened.....	229.30	49.10
		Note: Includes fasteners.		
		For Up To 10, Add	40.70	
		For >10 To 25, Add	30.95	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	6.00	
		For 25 Year Warranty, Add	8.00	
		For Integral Polyester Fleece-Backing, Add	33.25	

07 54 23 00-0008 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)

07 54 23 00-0009	SQ	Acrylic, TPO Roofing Primer, Price Per Coat.....	46.50	
		For Up To 10, Add	6.82	
		For >10 To 25, Add	5.32	
07 54 23 00-0010	SQ	Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat.....	40.96	
		Note: 55% solids by volume.		
		For Up To 10, Add	6.55	
		For >10 To 25, Add	5.05	
		For Tan Or Gray Color, Add	1.29	
07 54 23 00-0011	EA	Up To 3" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot.....	35.53	6.42
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0012	EA	>3" To 8" Pipe Diameter, Prefabricated TPO Pipe Cone/Boot.....	38.48	7.18
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0013	EA	6" Diameter, Prefabricated TPO Penetration Pocket.....	67.89	7.93
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 23 00-0014	LF	30" Wide, TPO Walkway Protection Pad.....	17.14	4.38
07 54 23 00-0015	SF	TPO Membrane Base Flashing.....	4.71	1.13
07 54 23 00-0016	SF	TPO Curb Flashing.....	4.43	1.13
		For Tan Or Gray Color, Add	0.05	
07 54 23 00-0017	SF	TPO Clad Edge Metal Or Base Flashing.....	6.66	1.13
		Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		

07 55 Protected Membrane Roofing (07 50)

See CSI section 07 26 13 00-0000 for wood deck building paper.

07 55 63 Vegetated Protected Membrane Roofing (07 55)

07 55 63 00-0001		Garden Roof System (07 55 63)		
		Note: Excludes walkway pavers, shrubs and plants. See CSI section 32 92 00 00-0000 for turf and grasses, 32 93 00 00-0000 for plants.		
07 55 63 00-0002		Fluid Applied Polyurethane (WhiteKnight) Waterproofing (07 55 63 00-0001)		
		Note: Includes: powerwash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 55 63 00-0003	SF	Up To 250 SF Fluid Applied Polyurethane Waterproofing.....	8.50	
07 55 63 00-0004	SF	>250 To 500 SF Fluid Applied Polyurethane Waterproofing.....	8.30	
07 55 63 00-0005	SF	>500 To 2,500 SF Fluid Applied Polyurethane Waterproofing.....	8.00	
07 55 63 00-0006	SF	>2,500 To 5,000 SF Fluid Applied Polyurethane Waterproofing.....	7.70	
07 55 63 00-0007	SF	>5,000 To 10,000 SF Fluid Applied Polyurethane Waterproofing.....	7.40	
07 55 63 00-0008	SF	>10,000 To 25,000 SF Fluid Applied Polyurethane Waterproofing.....	7.10	
07 55 63 00-0009	SF	>25,000 To 50,000 SF Fluid Applied Polyurethane Waterproofing.....	6.80	
07 55 63 00-0010	SF	>50,000 SF Fluid Applied Polyurethane Waterproofing.....	6.50	
07 55 63 00-0011		Filterdrain (Greenshield Filterdrain) (07 55 63 00-0001)		
07 55 63 00-0012	SF	Up To 250 SF Filterdrain.....	3.00	
07 55 63 00-0013	SF	>250 To 500 SF Filterdrain.....	2.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 55 63 00-0014	SF		>500 To 2,500 SF Filterdrain	2.60	
07 55 63 00-0015	SF		>2,500 To 5,000 SF Filterdrain	2.40	
07 55 63 00-0016	SF		>5,000 To 10,000 SF Filterdrain	2.20	
07 55 63 00-0017	SF		>10,001 To 25,000 SF Filterdrain	2.10	
07 55 63 00-0018	SF		>25,000 To 50,000 SF Filterdrain	2.05	
07 55 63 00-0019	SF		>50,000 SF Filterdrain	2.00	
07 55 63 00-0020			Soil (Greenshield Oasis) (07 55 63 00-0001)		
07 55 63 00-0021	SF		Up To 250 SF Growing Media / Engineered Soil, 1" Depth	1.00	
07 55 63 00-0022	SF		>250 To 500 SF Growing Media / Engineered Soil, 1" Depth	0.85	
07 55 63 00-0023	SF		>500 To 2,500 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 55 63 00-0024	SF		>2,500 To 5,000 SF Growing Media / Engineered Soil, 1" Depth	0.70	
07 55 63 00-0025	SF		>5,000 To 10,000 SF Growing Media / Engineered Soil, 1" Depth	0.55	
07 55 63 00-0026	SF		>10,000 To 25,000 SF Growing Media / Engineered Soil, 1" Depth	0.50	
07 55 63 00-0027	SF		>25,000 To 50,000 SF Growing Media / Engineered Soil, 1" Depth	0.45	
07 55 63 00-0028	SF		>50,000 SF Growing Media / Engineered Soil, 1" Depth	0.40	
07 55 63 00-0029			Irrigation Topical And Controls (07 55 63 00-0001)		
07 55 63 00-0030	SF		Up To 250 SF Irrigation Topical	15.00	
07 55 63 00-0031	SF		>250 To 500 SF Irrigation Topical	14.75	
07 55 63 00-0032	SF		>500 To 2,500 SF Irrigation Topical	9.50	
07 55 63 00-0033	SF		>2,500 To 5,000 SF Irrigation Topical	7.50	
07 55 63 00-0034	SF		>5,000 To 10,000 SF Irrigation Topical	5.50	
07 55 63 00-0035	SF		>10,000 To 25,000 SF Irrigation Topical	3.50	
07 55 63 00-0036	SF		>25,000 To 50,000 SF Irrigation Topical	2.50	
07 55 63 00-0037	SF		>50,000 SF Irrigation Topical	2.00	
07 56 Fluid-Applied Roofing (07 50)					
07 56 00 00-0001			Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)		
07 56 00 00-0002	SQ		60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	789.30	98.41
			<i>For Each Additional Coat, Add</i>	118.40	
07 56 00 00-0003			Vinyl Spray Liquid Roofing (07 56)		
07 56 00 00-0004	SQ		2 Mil Vinyl Liquid Roofing	721.71	103.71
07 56 00 00-0005	SQ		4 Mil Vinyl Liquid Roofing	807.42	115.83
07 56 00 00-0006			Silicone Elastomeric Liquid Roofing (07 56)		
07 56 00 00-0007	SQ		65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat	243.51	59.43
07 56 00 00-0008	SQ		65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat	301.11	59.43
07 56 00 00-0009	SQ		65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat	344.44	59.43
07 56 00 00-0010			Rubberized Acrylic Roof Coating, Sprayed On (07 56)		
			Note: As manufactured by Tru-Co, Inc.		
07 56 00 00-0011			Rubberized Acrylic Roof Coating, Sprayed On Assemblies (07 56 00 00-0010)		
07 56 00 00-0012	SQ		Elastomeric Installation Over Urethane Foam	555.18	
07 56 00 00-0013	SQ		Elastomeric Installation Over Decks	570.03	
07 56 00 00-0014	SQ		Elastomeric Installation Over Exterior, Waterproofing	231.67	
07 56 00 00-0015	SQ		Installation Over Existing Tar (Asphalt) And Gravel Roof	721.46	
07 56 00 00-0016	SQ		Installation Over New Construction, Waterproofing	407.90	
07 56 00 00-0017	SQ		Installation Over Mobile Home	268.33	
07 56 00 00-0018	SQ		Installation Over Corrugated Metal Roofs	315.63	
07 56 00 00-0019	SQ		Installation Over Granulate Mineral Surface, BUR Cap Sheet (Semi-Smooth) Surface	602.47	
07 56 00 00-0020	SQ		4" Acrylic Gel With Fabric (Apply At Edges)	2.11	
07 56 00 00-0021	SQ		6" Acrylic Gel With Fabric (Apply At Edges)	2.98	
07 56 00 00-0022			Polyurethane Roof Coating, Sprayed On Assemblies (07 56)		
			Note: Includes powerwash, primer, base coat, polyester reinforcement, top coat and finish coat.		
07 56 00 00-0023	SF		Up To 50 SF White (High-Albedo) Polyurethane Coating	9.06	
07 56 00 00-0024	SF		>50 To 100 SF White (High-Albedo) Polyurethane Coating	8.76	
07 56 00 00-0025	SF		>100 To 500 SF White (High-Albedo) Polyurethane Coating	8.45	
07 56 00 00-0026	SEA		>500 To 1,000 SF White (High-Albedo) Polyurethane Coating	8.08	
07 56 00 00-0027			Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)		
07 56 00 00-0028	SQ		90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane	684.66	59.43
			Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.		
07 56 00 00-0029			Urethane Liquid Roofing Membrane (07 56)		
			Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0030	SQ		Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	43.48	
07 56 00 00-0031	LF		Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems	3.33	
07 56 00 00-0032	SQ		White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	201.85	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 56 Fluid-Applied Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System (0.25 GAL/SQ)	43.42	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	239.05	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (0.5 GAL/SQ)	66.84	
07 56 00 00-0036	SQ	White-Knight® WC Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ)	251.85	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ)	244.65	

07 57 Coated Foamed Roofing (07 50)**07 57 13 Sprayed Polyurethane Foam Roofing** (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems (07 57 13)**07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating** (07 57 13 00-0001)**07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating** (07 57 13 00-0002)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.

07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	236.69	34.30
		<i>For < 7500, Add</i>	23.67	
07 57 13 00-0005	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	332.74	39.20
		<i>For < 7500, Add</i>	33.27	
07 57 13 00-0006	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	438.42	44.10
		<i>For < 7500, Add</i>	43.84	
07 57 13 00-0007	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	524.83	49.01
		<i>For < 7500, Add</i>	52.48	
07 57 13 00-0008	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	620.87	53.91
		<i>For < 7500, Add</i>	62.09	
07 57 13 00-0009	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	716.91	58.81
		<i>For < 7500, Add</i>	71.69	

07 57 13 00-0010 Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.

07 57 13 00-0011	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	244.18	34.30
		<i>For < 7500, Add</i>	24.42	
07 57 13 00-0012	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	340.23	39.20
		<i>For < 7500, Add</i>	34.02	
07 57 13 00-0013	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	436.28	44.10
		<i>For < 7500, Add</i>	43.63	
07 57 13 00-0014	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	532.32	49.01
		<i>For < 7500, Add</i>	53.23	
07 57 13 00-0015	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	628.36	53.91
		<i>For < 7500, Add</i>	62.84	
07 57 13 00-0016	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	724.40	58.81
		<i>For < 7500, Add</i>	72.44	

07 57 13 00-0017 Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.

07 57 13 00-0018	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	262.37	34.30
		<i>For < 7500, Add</i>	26.24	
07 57 13 00-0019	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	355.22	39.20
		<i>For < 7500, Add</i>	35.52	
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	451.26	44.10
		<i>For < 7500, Add</i>	45.13	
07 57 13 00-0021	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	587.33	49.01
		<i>For < 7500, Add</i>	58.73	

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

07 57 13 00-0022	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	691.51	53.91
			<i>For < 7500, Add</i>	69.15	
07 57 13 00-0023	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	795.69	58.81
			<i>For < 7500, Add</i>	79.57	
07 57 13 00-0024			Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating <small>(07 57 13 00-0001)</small>		
07 57 13 00-0025			Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0024)</small>		
			Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0026	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	267.73	34.30
			<i>For < 7500, Add</i>	26.77	
07 57 13 00-0027	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	371.91	39.20
			<i>For < 7500, Add</i>	37.19	
07 57 13 00-0028	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	476.09	44.10
			<i>For < 7500, Add</i>	47.61	
07 57 13 00-0029	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	580.27	49.01
			<i>For < 7500, Add</i>	58.03	
07 57 13 00-0030	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	684.44	53.91
			<i>For < 7500, Add</i>	68.44	
07 57 13 00-0031	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	788.62	58.81
			<i>For < 7500, Add</i>	78.86	
07 57 13 00-0032			Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0024)</small>		
			Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0033	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	278.32	34.30
			<i>For < 7500, Add</i>	27.83	
07 57 13 00-0034	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	382.51	39.20
			<i>For < 7500, Add</i>	38.25	
07 57 13 00-0035	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	486.69	44.10
			<i>For < 7500, Add</i>	48.67	
07 57 13 00-0036	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	590.86	49.01
			<i>For < 7500, Add</i>	59.09	
07 57 13 00-0037	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	695.04	53.91
			<i>For < 7500, Add</i>	69.50	
07 57 13 00-0038	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	799.22	58.81
			<i>For < 7500, Add</i>	79.92	
07 57 13 00-0039			Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0024)</small>		
			Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0040	SQ		1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	286.56	34.30
			<i>For < 7500, Add</i>	28.66	
07 57 13 00-0041	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	390.75	39.20
			<i>For < 7500, Add</i>	39.08	
07 57 13 00-0042	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	494.93	44.10
			<i>For < 7500, Add</i>	49.49	
07 57 13 00-0043	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	599.10	49.01
			<i>For < 7500, Add</i>	59.91	
07 57 13 00-0044	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	703.28	53.91
			<i>For < 7500, Add</i>	70.33	
07 57 13 00-0045	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	807.46	58.81
			<i>For < 7500, Add</i>	80.75	

07 58 Roll Roofing (07 50)

07 58 00 00-0001 Prepared Roll Roofing (07 58)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 58 Roll Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 58 00 00-0002 SQ Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing 119.54 22.05

07 59 Membrane Roofing Accessories (07 50)**07 59 00 00-0001 Membrane Roofing Accessories (07 59)**
 07 59 00 00-0002 LF Roofing Membrane Termination Bar 3.05 1.06
 Note: Includes fasteners and caulking.
07 60 Flashing And Sheet Metal (07)

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 62 Sheet Metal Flashing And Trim (07 60)**07 62 00 00-0001 Lead Flashing And Trim (07 62)**
 07 62 00 00-0002 SF 2.5 LB/SF Sheet Lead Flashing 16.96 4.05
 07 62 00 00-0003 SF 4 LB/SF Sheet Lead Flashing 21.76 4.05
07 62 00 00-0004 Copper Flashing And Trim (07 62)**07 62 00 00-0005 Copper Flashing And Trim (07 62 00 00-0004)**
 07 62 00 00-0006 SF 16 Ounce, 0.021" Thick, Copper Flashing And Trim 15.39 3.96
 For >500 To 2,000, Deduct -2.16
 For >2,000, Deduct -2.54
 For Copper Valley For Steep Slope Roofing, Add 1.57
 For Wrap Around Window Panning, Add 7.84
 07 62 00 00-0007 SF 20 Ounce, 0.027" Thick, Copper Flashing And Trim 15.93 4.05
 For >500 To 2,000, Deduct -2.23
 For >2,000, Deduct -2.62
 For Copper Valley For Steep Slope Roofing, Add 1.64
 For Wrap Around Window Panning, Add 8.19
 07 62 00 00-0008 SF 24 Ounce, 0.032" Thick, Copper Flashing And Trim 17.86 4.33
 For >500 To 2,000, Deduct -2.49
 For >2,000, Deduct -2.96
 For Copper Valley For Steep Slope Roofing, Add 1.72
 For Wrap Around Window Panning, Add 8.58
 07 62 00 00-0009 SF 32 Ounce, 0.043" Thick, Copper Flashing And Trim 21.39 4.51
 For >500 To 2,000, Deduct -2.96
 For >2,000, Deduct -3.58
 For Copper Valley For Steep Slope Roofing, Add 1.80
 For Wrap Around Window Panning, Add 9.01
07 62 00 00-0010 Stainless Steel Flashing And Trim (07 62)**07 62 00 00-0011 Stainless Steel Flashing And Trim (07 62 00 00-0010)**
 07 62 00 00-0012 SF 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim 8.03 2.16
 For Wrap Around Window Panning, Add 5.56
 For Mechanically Keyed Flashing, Add 0.99
 07 62 00 00-0013 SF 28 Gauge, 0.015" Thick, Stainless Steel Flashing And Trim 9.26 2.53
 For Wrap Around Window Panning, Add 5.56
 For Mechanically Keyed Flashing, Add 1.48
 07 62 00 00-0014 SF 26 Gauge, 0.018" Thick, Stainless Steel Flashing And Trim 10.55 2.98
 For Wrap Around Window Panning, Add 5.93
 For Mechanically Keyed Flashing, Add 1.85
 07 62 00 00-0015 SF 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim 12.42 3.16
 For Wrap Around Window Panning, Add 6.26
 For Mechanically Keyed Flashing, Add 2.46
07 62 00 00-0016 Stainless Steel Drip Edge (07 62 00 00-0016)

Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.

07 62 00 00-0017 26 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)
 07 62 00 00-0018 LF Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge 4.39 0.73
 07 62 00 00-0019 LF >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge 5.36 0.73
 07 62 00 00-0020 LF >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge 6.09 0.73
 07 62 00 00-0021 LF >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge 7.30 0.73
 07 62 00 00-0022 LF >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge 9.25 0.73
07 62 00 00-0023 24 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)
 07 62 00 00-0024 LF Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge 5.30 0.73
 07 62 00 00-0025 LF >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge 6.58 0.73
 07 62 00 00-0026 LF >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge 7.55 0.73
 07 62 00 00-0027 LF >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge 9.14 0.73
 07 62 00 00-0028 LF >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge 11.69 0.73
07 62 00 00-0029 22 Gauge, Stainless Steel Drip Edge (07 62 00 00-0016)
 07 62 00 00-0030 LF Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge 6.38 0.73
 07 62 00 00-0031 LF >5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge 8.02 0.73
 07 62 00 00-0032 LF >7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge 9.25 0.73
 07 62 00 00-0033 LF >9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge 11.30 0.73
 07 62 00 00-0034 LF >12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge 14.57 0.73

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

07 62 00 00-0035			Aluminum Flashing And Trim <small>(07 62)</small>		
07 62 00 00-0036			Aluminum Flashing And Trim <small>(07 62 00 00-0035)</small>		
07 62 00 00-0037	SF		0.013" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	8.33 0.21 6.22	2.80
07 62 00 00-0038	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	8.79 0.26 6.22	2.80
07 62 00 00-0039	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	9.15 0.29 6.22	2.80
07 62 00 00-0040	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	9.68 0.35 6.22	2.80
07 62 00 00-0041	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	10.42 0.42 6.22	2.80
07 62 00 00-0042	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	10.87 0.47 6.22	2.80
07 62 00 00-0043	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim <i>For Baked Aluminum Colors, Add</i> <i>For Wrap Around Window Panning, Add</i>	11.24 0.50 6.22	2.80
07 62 00 00-0044			Aluminum Drip Edge <small>(07 62 00 00-0035)</small> Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 00 00-0045			KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0044)</small>		
07 62 00 00-0046			0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0047	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.21	0.73	
07 62 00 00-0048	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.84	0.73	
07 62 00 00-0049	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.21	0.73	
07 62 00 00-0050	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.95	0.73	
07 62 00 00-0051	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.27	0.73	
07 62 00 00-0052			0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0053	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.42	0.73	
07 62 00 00-0054	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.07	0.73	
07 62 00 00-0055	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.56	0.73	
07 62 00 00-0056	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.37	0.73	
07 62 00 00-0057	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.67	0.73	
07 62 00 00-0058			0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0059	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	3.63	0.73	
07 62 00 00-0060	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.35	0.73	
07 62 00 00-0061	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.89	0.73	
07 62 00 00-0062	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.79	0.73	
07 62 00 00-0063	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.22	0.73	
07 62 00 00-0064			0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0065	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.05	0.73	
07 62 00 00-0066	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.90	0.73	
07 62 00 00-0067	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.55	0.73	
07 62 00 00-0068	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.62	0.73	
07 62 00 00-0069	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.34	0.73	
07 62 00 00-0070			0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0071	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.18	0.73	
07 62 00 00-0072	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.11	0.73	
07 62 00 00-0073	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.77	0.73	
07 62 00 00-0074	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.90	0.73	
07 62 00 00-0075	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.71	0.73	
07 62 00 00-0076			0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0077	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	4.67	0.73	
07 62 00 00-0078	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.74	0.73	
07 62 00 00-0079	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.54	0.73	
07 62 00 00-0080	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.87	0.73	
07 62 00 00-0081	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.01	0.73	
07 62 00 00-0082			0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge <small>(07 62 00 00-0045)</small>		
07 62 00 00-0083	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	5.37	0.73	
07 62 00 00-0084	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.67	0.73	
07 62 00 00-0085	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.64	0.73	
07 62 00 00-0086	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	9.27	0.73	

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST
	DESCRIPTION		
07 62 00 00-0087	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	11.86 0.73
07 62 00 00-0088		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 00 00-0045)	
07 62 00 00-0089	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	6.20 0.73
07 62 00 00-0090	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	7.78 0.73
07 62 00 00-0091	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	8.96 0.73
07 62 00 00-0092	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	10.94 0.73
07 62 00 00-0093	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.09 0.73
07 62 00 00-0094		Mill Finish, Aluminum Drip Edge (07 62 00 00-0044)	
07 62 00 00-0095		0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0096	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	2.67 0.73
07 62 00 00-0097	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.10 0.73
07 62 00 00-0098	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.36 0.73
07 62 00 00-0099	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	3.87 0.73
07 62 00 00-0100	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	4.78 0.73
07 62 00 00-0101		0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0102	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	2.81 0.73
07 62 00 00-0103	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.26 0.73
07 62 00 00-0104	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	3.60 0.73
07 62 00 00-0105	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	4.16 0.73
07 62 00 00-0106	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	5.05 0.73
07 62 00 00-0107		0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0108	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	2.96 0.73
07 62 00 00-0109	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	3.45 0.73
07 62 00 00-0110	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	3.83 0.73
07 62 00 00-0111	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	4.45 0.73
07 62 00 00-0112	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	5.44 0.73
07 62 00 00-0113		0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0114	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	3.25 0.73
07 62 00 00-0115	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	3.84 0.73
07 62 00 00-0116	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	4.29 0.73
07 62 00 00-0117	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	5.02 0.73
07 62 00 00-0118	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	6.21 0.73
07 62 00 00-0119		0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0120	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	3.34 0.73
07 62 00 00-0121	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	3.98 0.73
07 62 00 00-0122	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	4.44 0.73
07 62 00 00-0123	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	5.21 0.73
07 62 00 00-0124	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	6.46 0.73
07 62 00 00-0125		0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0126	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	3.68 0.73
07 62 00 00-0127	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	4.41 0.73
07 62 00 00-0128	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	4.97 0.73
07 62 00 00-0129	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	5.89 0.73
07 62 00 00-0130	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	7.36 0.73
07 62 00 00-0131		0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0132	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	4.16 0.73
07 62 00 00-0133	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	5.05 0.73
07 62 00 00-0134	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	5.73 0.73
07 62 00 00-0135	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	6.85 0.73
07 62 00 00-0136	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge	8.64 0.73
07 62 00 00-0137		0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 00 00-0094)	
07 62 00 00-0138	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	4.73 0.73
07 62 00 00-0139	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	5.82 0.73
07 62 00 00-0140	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	6.64 0.73
07 62 00 00-0141	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	8.00 0.73
07 62 00 00-0142	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge	10.17 0.73
07 62 00 00-0143		Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0044)	
07 62 00 00-0144		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)	
07 62 00 00-0145	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	3.31 0.73
07 62 00 00-0146	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	3.98 0.73
07 62 00 00-0147	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	4.37 0.73
07 62 00 00-0148	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge	5.16 0.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 00 00-0149	LF		>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.56	0.73
07 62 00 00-0150			0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0151	LF		Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.54	0.73
07 62 00 00-0152	LF		>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.22	0.73
07 62 00 00-0153	LF		>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.74	0.73
07 62 00 00-0154	LF		>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.60	0.73
07 62 00 00-0155	LF		>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.98	0.73
07 62 00 00-0156			0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0157	LF		Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	3.76	0.73
07 62 00 00-0158	LF		>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.52	0.73
07 62 00 00-0159	LF		>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.10	0.73
07 62 00 00-0160	LF		>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.04	0.73
07 62 00 00-0161	LF		>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.57	0.73
07 62 00 00-0162			0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0163	LF		Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.20	0.73
07 62 00 00-0164	LF		>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.11	0.73
07 62 00 00-0165	LF		>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.80	0.73
07 62 00 00-0166	LF		>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.93	0.73
07 62 00 00-0167	LF		>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.75	0.73
07 62 00 00-0168			0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0169	LF		Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.35	0.73
07 62 00 00-0170	LF		>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.33	0.73
07 62 00 00-0171	LF		>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.03	0.73
07 62 00 00-0172	LF		>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	7.22	0.73
07 62 00 00-0173	LF		>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.14	0.73
07 62 00 00-0174			0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0175	LF		Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	4.86	0.73
07 62 00 00-0176	LF		>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.99	0.73
07 62 00 00-0177	LF		>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.84	0.73
07 62 00 00-0178	LF		>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.26	0.73
07 62 00 00-0179	LF		>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	10.52	0.73
07 62 00 00-0180			0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0181	LF		Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	5.60	0.73
07 62 00 00-0182	LF		>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.98	0.73
07 62 00 00-0183	LF		>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.01	0.73
07 62 00 00-0184	LF		>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.73	0.73
07 62 00 00-0185	LF		>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.49	0.73
07 62 00 00-0186			0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 00 00-0143)		
07 62 00 00-0187	LF		Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	6.49	0.73
07 62 00 00-0188	LF		>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	8.16	0.73
07 62 00 00-0189	LF		>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	9.41	0.73
07 62 00 00-0190	LF		>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	11.50	0.73
07 62 00 00-0191	LF		>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.85	0.73
07 62 00 00-0192			Steel Flashing And Trim (07 62)		
07 62 00 00-0193			Galvanized Steel Flashing And Trim (07 62 00 00-0192)		
07 62 00 00-0194	SF		26 Gauge, Galvanized Steel Flashing For Wrap Around Window Panning, Add	10.15 6.26	2.89
07 62 00 00-0195	SF		24 Gauge, Galvanized Steel Flashing For Wrap Around Window Panning, Add	10.46 6.26	2.89
07 62 00 00-0196			Galvanized Steel Drip Edge (07 62 00 00-0192) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 00 00-0197			Galvanized Steel Drip Edge (07 62 00 00-0196)		
07 62 00 00-0198			26 Gauge, Galvanized Steel Drip Edge (07 62 00 00-0197)		
07 62 00 00-0199	LF		Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.02	0.73
07 62 00 00-0200	LF		>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.55	0.73
07 62 00 00-0201	LF		>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	3.93	0.73
07 62 00 00-0202	LF		>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	4.57	0.73
07 62 00 00-0203	LF		>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	5.60	0.73
07 62 00 00-0204			24 Gauge, Galvanized Steel Drip Edge (07 62 00 00-0197)		
07 62 00 00-0205	LF		Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	3.25	0.73
07 62 00 00-0206	LF		>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	3.86	0.73

07 Thermal And Moisture Protection**07 60 Flashing And Sheet Metal****07 62 Sheet Metal Flashing And Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 62 00 00-0207	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	4.30	0.73
07 62 00 00-0208	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	5.04	0.73
07 62 00 00-0209	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	6.22	0.73

07 62 00 00-0210 KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0196)**07 62 00 00-0211 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0210)**

07 62 00 00-0212	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	3.72	0.73
07 62 00 00-0213	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.49	0.73
07 62 00 00-0214	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.03	0.73
07 62 00 00-0215	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.97	0.73
07 62 00 00-0216	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	7.46	0.73

07 62 00 00-0217 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 00 00-0210)

07 62 00 00-0218	LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.06	0.73
07 62 00 00-0219	LF	>5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	4.94	0.73
07 62 00 00-0220	LF	>7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	5.57	0.73
07 62 00 00-0221	LF	>9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	6.64	0.73
07 62 00 00-0222	LF	>12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	8.36	0.73

07 63 Sheet Metal Roofing Specialties (07 60)**07 63 00 00-0001 Pitch Pockets (07 63)**

Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	48.63	
		<i>For Pourable Sealer Filled, Add</i>	22.31	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.16	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	54.63	
		<i>For Pourable Sealer Filled, Add</i>	50.21	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	62.27	
		<i>For Pourable Sealer Filled, Add</i>	89.25	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	67.01	
		<i>For Pourable Sealer Filled, Add</i>	111.56	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	71.09	
		<i>For Pourable Sealer Filled, Add</i>	133.87	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	77.81	
		<i>For Pourable Sealer Filled, Add</i>	200.80	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	

07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	68.63	
		<i>For Pourable Sealer Filled, Add</i>	22.31	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.16	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	78.03	
		<i>For Pourable Sealer Filled, Add</i>	50.21	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	89.81	
		<i>For Pourable Sealer Filled, Add</i>	89.25	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	97.51	
		<i>For Pourable Sealer Filled, Add</i>	111.56	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	102.56	
		<i>For Pourable Sealer Filled, Add</i>	133.87	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	111.28	
		<i>For Pourable Sealer Filled, Add</i>	200.80	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	

07 63 00 00-0016 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets (07 63 00 00-0001)

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	60.03	
		<i>For Pourable Sealer Filled, Add</i>	22.31	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.16	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	67.49	
		<i>For Pourable Sealer Filled, Add</i>	50.21	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	73.88	
		<i>For Pourable Sealer Filled, Add</i>	89.25	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	78.39	
		<i>For Pourable Sealer Filled, Add</i>	111.56	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	82.18	
		<i>For Pourable Sealer Filled, Add</i>	133.87	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	

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

07 63 00 00-0022	SF		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	88.14	
			<i>For Pourable Sealer Filled, Add</i>	200.80	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	

07 63 00 00-0023 Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00)

00-0001 Note: Includes removing existing filler and refilling with non-shrink grout.					
07 63 00 00-0024	EA		Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....	45.15	
			<i>For Pourable Sealer Filled, Add</i>	22.31	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	11.16	
07 63 00 00-0025	EA		Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	47.93	
			<i>For Pourable Sealer Filled, Add</i>	50.21	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	25.12	
07 63 00 00-0026	EA		Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	51.25	
			<i>For Pourable Sealer Filled, Add</i>	69.25	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	44.53	
07 63 00 00-0027	EA		Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	53.76	
			<i>For Pourable Sealer Filled, Add</i>	111.56	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	55.82	
07 63 00 00-0028	EA		Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	56.28	
			<i>For Pourable Sealer Filled, Add</i>	133.87	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	66.94	
07 63 00 00-0029	SF		Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	60.91	
			<i>For Pourable Sealer Filled, Add</i>	200.80	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.18	

07 63 00 00-0030 Lead Pipe Flashing For Roofs (07 63)

Note: Includes 6" skirt base.					
07 63 00 00-0031	EA		1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....	70.17	22.22
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	70.17	22.22
07 63 00 00-0033	EA		2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	84.58	22.22
07 63 00 00-0034	EA		3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	92.81	22.22
07 63 00 00-0035	EA		4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe.....	96.93	22.22
07 63 00 00-0036	EA		4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	98.99	22.22
07 63 00 00-0037	EA		6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	119.57	22.22
07 63 00 00-0038	EA		8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	128.83	22.22

07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing (07 63)

07 63 00 00-0040	EA		2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	50.42	14.37
07 63 00 00-0041	EA		3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	50.95	14.37
07 63 00 00-0042	EA		4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	52.82	14.37
07 63 00 00-0043	EA		6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	62.19	14.37

07 65 Flexible Flashing (07 60)
07 65 16 Modified Bituminous Sheet Flashing (07 65)

07 65 16 00-0001			Liquid Flashing System For Modified And BUR Systems (07 65 16) See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF		60 Mil, Urethane Elastomer Liquid Applied Flashing.....	6.97	1.51
Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.					

07 65 19 Plastic Sheet Flashing (07 65)

07 65 19 00-0001			Plastic Flashing And Trim (07 65 19)		
07 65 19 00-0002			Neoprene Flashing (07 65 19 00-0001)		
07 65 19 00-0003			60 Mil Neoprene Flashing (07 65 19 00-0002)		
07 65 19 00-0004	LF		6" Wide Strip, 60 Mil, Neoprene Flashing.....	5.86	1.99
07 65 19 00-0005	LF		12" Wide Strip, 60 Mil, Neoprene Flashing.....	7.54	2.13
07 65 19 00-0006	LF		18" Wide Strip, 60 Mil, Neoprene Flashing.....	9.46	2.35
07 65 19 00-0007	LF		24" Wide Strip, 60 Mil, Neoprene Flashing.....	11.49	2.64

07 65 33 Plastic Flashing (07 65)

07 65 33 00-0001			Neoprene Roof Boot (07 65 33)		
07 65 33 00-0002	EA		Neoprene Roof Boot For 2" Diameter Pipe.....	25.28	6.10
07 65 33 00-0003	EA		Neoprene Roof Boot For 3" Diameter Pipe.....	29.40	6.84
07 65 33 00-0004	EA		Neoprene Roof Boot For 4" Diameter Pipe.....	32.41	7.35

07 70 Roof And Wall Specialties And Accessories (07)

Note: Includes placement of materials on roof up to 2-1/2 stories.

07 71 Roof Specialties (07 70)
07 71 13 Manufactured Copings (07 71)

07 71 13 00-0001			Galvanized Steel Copings (07 71 13)		
------------------	--	--	-------------------------------------	--	--

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 13 00-0002		KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0001)</small>		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0003	LF	10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	17.68	1.59
07 71 13 00-0004	LF	>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	18.67	1.72
07 71 13 00-0005	LF	>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	21.23	1.81
07 71 13 00-0006	LF	>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	24.61	1.99
07 71 13 00-0007	LF	>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	29.62	2.07
07 71 13 00-0008		Aluminum Copings <small>(07 71 13)</small>		
07 71 13 00-0009		Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010		0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		
07 71 13 00-0011	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	14.17	1.59
07 71 13 00-0012	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	15.14	1.72
07 71 13 00-0013	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.57	1.81
07 71 13 00-0014	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	20.90	1.99
07 71 13 00-0015	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	25.82	2.07
07 71 13 00-0016		0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		
07 71 13 00-0017	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	15.32	1.59
07 71 13 00-0018	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	16.37	1.72
07 71 13 00-0019	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	19.02	1.81
07 71 13 00-0020	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	22.66	1.99
07 71 13 00-0021	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.05	2.07
07 71 13 00-0022		0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		
07 71 13 00-0023	LF	10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	16.27	1.59
07 71 13 00-0024	LF	>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	17.46	1.72
07 71 13 00-0025	LF	>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	20.83	1.81
07 71 13 00-0026	LF	>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	25.90	1.99
07 71 13 00-0027	LF	>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	33.30	2.07
07 71 13 00-0028		KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
		Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029		0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0030	LF	10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	19.36	1.59
07 71 13 00-0031	LF	>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	20.67	1.72
07 71 13 00-0032	LF	>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	24.12	1.81
07 71 13 00-0033	LF	>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	28.82	1.99
07 71 13 00-0034	LF	>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	35.88	2.07
07 71 13 00-0035		0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0036	LF	10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	21.03	1.59
07 71 13 00-0037	LF	>14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	22.45	1.72
07 71 13 00-0038	LF	>16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	26.23	1.81
07 71 13 00-0039	LF	>22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	31.37	1.99
07 71 13 00-0040	LF	>30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.12	2.07
07 71 13 00-0041		0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0042	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	22.41	1.59
07 71 13 00-0043	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	24.04	1.72
07 71 13 00-0044	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	28.86	1.81
07 71 13 00-0045	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	36.08	1.99
07 71 13 00-0046	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	46.73	2.07
07 71 13 00-0047			Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047) Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048			0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0049	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	20.36	1.59
07 71 13 00-0050	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	21.73	1.72
07 71 13 00-0051	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.39	1.81
07 71 13 00-0052	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	30.35	1.99
07 71 13 00-0053	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	37.82	2.07
07 71 13 00-0054			0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0055	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	22.14	1.59
07 71 13 00-0056	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	23.62	1.72
07 71 13 00-0057	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	27.62	1.81
07 71 13 00-0058	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	33.06	1.99
07 71 13 00-0059	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.26	2.07
07 71 13 00-0060			0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0061	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	23.59	1.59
07 71 13 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	25.31	1.72
07 71 13 00-0063	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	30.41	1.81
07 71 13 00-0064	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	38.04	1.99
07 71 13 00-0065	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	49.33	2.07
07 71 13 00-0066			Remove And Reinstall Metal Coping (07 71 13)		
07 71 13 00-0067	LF		Remove And Reinstall Metal Coping	6.26	
07 71 19			Manufactured Gravel Stops And Fasciae (07 71)		
07 71 19 00-0001			Gravel Stop (07 71 19)		
07 71 19 00-0002			Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003			Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004			KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	10.48	1.33
07 71 19 00-0007	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	10.63	1.37
07 71 19 00-0008	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	10.83	1.42
07 71 19 00-0009			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.06	1.33
07 71 19 00-0011	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.23	1.37
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	11.46	1.42
07 71 19 00-0013			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 19 00-0014	LF	4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.81	1.33
07 71 19 00-0015	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	11.95	1.37
07 71 19 00-0016	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.26	1.42
07 71 19 00-0017		0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.32	1.33
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.48	1.37
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	12.82	1.42
07 71 19 00-0021		Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0022		0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023	LF	4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	7.28	1.33
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	7.59	1.37
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	7.94	1.42
07 71 19 00-0026		0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027	LF	4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	7.76	1.33
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	8.01	1.37
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	8.26	1.42
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	8.24	1.33
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	8.49	1.37
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	8.78	1.42
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	8.76	1.33
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	8.97	1.37
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop.....	9.17	1.42
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.25	1.33
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.48	1.37
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.70	1.42
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	12.95	1.33
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.21	1.37
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.46	1.42
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	13.85	1.33
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	14.07	1.37
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	14.26	1.42
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)		
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	14.46	1.33
07 71 19 00-0053	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	14.71	1.37
07 71 19 00-0054	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop.....	14.92	1.42
07 71 19 00-0055		Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0002) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056		KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0057		0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0058	LF	4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	13.29	2.21
07 71 19 00-0059	LF	>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	13.82	2.28
07 71 19 00-0060	LF	>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	14.47	2.35
07 71 19 00-0061		0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	13.87	2.21
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	14.42	2.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0064	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.10	2.35
07 71 19 00-0065			0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0066)</small>		
07 71 19 00-0066	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	14.62	2.21
07 71 19 00-0067	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.14	2.28
07 71 19 00-0068	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.90	2.35
07 71 19 00-0069			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0070)</small>		
07 71 19 00-0070	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.13	2.21
07 71 19 00-0071	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.67	2.28
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.46	2.35
07 71 19 00-0073			Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0074)</small>		
07 71 19 00-0074			0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0075)</small>		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	10.53	2.21
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	10.95	2.28
07 71 19 00-0077	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.46	2.35
07 71 19 00-0078			0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0079)</small>		
07 71 19 00-0079	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	10.93	2.21
07 71 19 00-0080	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.36	2.28
07 71 19 00-0081	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.90	2.35
07 71 19 00-0082			0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0083)</small>		
07 71 19 00-0083	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.45	2.21
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.86	2.28
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	12.42	2.35
07 71 19 00-0086			0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0087)</small>		
07 71 19 00-0087	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	11.80	2.21
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	12.22	2.28
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	12.81	2.35
07 71 19 00-0090			Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0091)</small>		
07 71 19 00-0091			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0092)</small>		
07 71 19 00-0092	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.06	2.21
07 71 19 00-0093	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.67	2.28
07 71 19 00-0094	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.34	2.35
07 71 19 00-0095			0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0096)</small>		
07 71 19 00-0096	LF		4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	15.76	2.21
07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.40	2.28
07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.10	2.35
07 71 19 00-0099			0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0100)</small>		
07 71 19 00-0100	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	16.66	2.21
07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.26	2.28
07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.90	2.35

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 71 19 00-0103		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>			
07 71 19 00-0104	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.27		2.21
07 71 19 00-0105	LF	>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	17.90		2.28
07 71 19 00-0106	LF	>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	18.56		2.35
07 71 19 00-0107		Stainless Steel Gravel Stop <small>(07 71 19 00-0001)</small>			
07 71 19 00-0108		Stainless Steel Gravel Stop <small>(07 71 19 00-0107)</small>			
07 71 19 00-0109		26 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>			
07 71 19 00-0110	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	8.60		1.33
07 71 19 00-0111	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	10.70		1.37
07 71 19 00-0112	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	15.10		1.42
07 71 19 00-0113		24 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>			
07 71 19 00-0114	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	10.33		1.33
07 71 19 00-0115	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	13.01		1.37
07 71 19 00-0116	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	18.55		1.42
07 71 19 00-0117		22 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>			
07 71 19 00-0118	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	12.16		1.33
07 71 19 00-0119	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	15.46		1.37
07 71 19 00-0120	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	22.22		1.42
07 71 19 00-0121		Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0107)</small>			
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.			
07 71 19 00-0122		26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>			
07 71 19 00-0123	LF	4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	11.54		2.21
07 71 19 00-0124	LF	>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	14.06		2.28
07 71 19 00-0125	LF	>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	18.96		2.35
07 71 19 00-0126		24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>			
07 71 19 00-0127	LF	4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	13.27		2.21
07 71 19 00-0128	LF	>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	16.37		2.28
07 71 19 00-0129	LF	>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	22.41		2.35
07 71 19 00-0130		22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0121)</small>			
07 71 19 00-0131	LF	4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	15.10		2.21
07 71 19 00-0132	LF	>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	18.82		2.28
07 71 19 00-0133	LF	>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	26.08		2.35
07 71 19 00-0134		Galvanized Steel Gravel Stop <small>(07 71 19 00-0001)</small>			
07 71 19 00-0135		Galvanized Steel Gravel Stop <small>(07 71 19 00-0134)</small>			
07 71 19 00-0136		KYNAR 500® Finish, Galvanized Steel Gravel Stop <small>(07 71 19 00-0135)</small>			
07 71 19 00-0137		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop <small>(07 71 19 00-0136)</small>			
07 71 19 00-0138	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	9.50		1.33
07 71 19 00-0139	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	9.63		1.37
07 71 19 00-0140	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	9.86		1.42
07 71 19 00-0141		Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0134)</small>			
		Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.			
07 71 19 00-0142		KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0141)</small>			
07 71 19 00-0143		24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0142)</small>			
07 71 19 00-0144	LF	4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	12.31		2.21
07 71 19 00-0145	LF	>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	12.82		2.28
07 71 19 00-0146	LF	>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	13.50		2.35
07 71 19 00-0147		Copper Gravel Stop <small>(07 71 19 00-0001)</small>			
07 71 19 00-0148		Copper Gravel Stop <small>(07 71 19 00-0147)</small>			
07 71 19 00-0149		20 Ounce, Copper Gravel Stop <small>(07 71 19 00-0148)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0150 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop.....	36.79	1.33
07 71 19 00-0151 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop.....	41.70	1.37
07 71 19 00-0152 LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop.....	47.93	1.42
07 71 19 00-0153 16 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0154 LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop.....	44.89	1.33
07 71 19 00-0155 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....	51.60	1.37
07 71 19 00-0156 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....	58.73	1.42
07 71 19 00-0157 Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147)		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158 20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0159 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	39.73	2.21
07 71 19 00-0160 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	45.06	2.28
07 71 19 00-0161 LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	51.79	2.35
07 71 19 00-0162 16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163 LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	47.83	2.21
07 71 19 00-0164 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	54.96	2.28
07 71 19 00-0165 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	62.59	2.35
07 71 19 00-0166 Fascia (07 71 19)		
07 71 19 00-0167 Snap-On Cover Fascia (07 71 19 00-0166)		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168 Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0169 KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)		
07 71 19 00-0170 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)		
07 71 19 00-0171 LF 3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	12.36	1.84
07 71 19 00-0172 LF >5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	13.70	1.91
07 71 19 00-0173 LF >7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	14.59	1.99
07 71 19 00-0174 Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0169)		
07 71 19 00-0175 Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0176 EA Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	72.94	2.57
07 71 19 00-0177 EA Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	77.68	2.57
07 71 19 00-0178 EA Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	80.66	2.57
07 71 19 00-0179 Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0180 EA Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	60.02	2.57
07 71 19 00-0181 EA Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	62.42	2.57
07 71 19 00-0182 EA Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	63.87	2.57
07 71 19 00-0183 Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184 KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186 LF 3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	13.32	1.84
07 71 19 00-0187 LF >5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	14.99	1.91
07 71 19 00-0188 LF >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	15.88	1.99
07 71 19 00-0189 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190 LF 3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	13.95	1.84
07 71 19 00-0191 LF >5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	15.80	1.91

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 19 00-0192	LF	>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	16.79	1.99
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0194)		
07 71 19 00-0194		Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA	Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	81.85	2.57
07 71 19 00-0196	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	88.66	2.57
07 71 19 00-0197	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	91.64	2.57
07 71 19 00-0198		Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA	Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	65.05	2.57
07 71 19 00-0200	EA	Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	68.45	2.57
07 71 19 00-0201	EA	Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	69.93	2.57
07 71 19 00-0202		Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203		0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204	LF	3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	15.25	1.84
07 71 19 00-0205	LF	>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	17.22	1.91
07 71 19 00-0206	LF	>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	18.26	1.99
07 71 19 00-0207		0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208	LF	3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	16.00	1.84
07 71 19 00-0209	LF	>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	18.19	1.91
07 71 19 00-0210	LF	>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	19.35	1.99
07 71 19 00-0211		Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		
07 71 19 00-0212		Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0213	EA	Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	101.02	2.57
07 71 19 00-0214	EA	Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	109.54	2.57
07 71 19 00-0215	EA	Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	113.26	2.57
07 71 19 00-0216		Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0217	EA	Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	80.03	2.57
07 71 19 00-0218	EA	Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	84.27	2.57
07 71 19 00-0219	EA	Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	86.13	2.57
07 71 23		Manufactured Gutters And Downspouts (07 71)		
		Note: Includes all necessary support straps.		
07 71 23 00-0001		Aluminum Gutters And Downspouts (07 71 23)		
07 71 23 00-0002		Aluminum Gutters (07 71 23 00-0001)		
		Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003		K-Style Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0004	LF	5", 0.027" Thick, K-Style Aluminum Gutter	5.44	2.25
		For Kynar 500® Finish, Add	0.76	
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	5.91	2.25
		For Kynar 500® Finish, Add	0.97	
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	5.69	2.25
		For Kynar 500® Finish, Add	0.87	
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	6.22	2.25
		For Kynar 500® Finish, Add	1.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	.....	11.71	2.25
		<i>For Kynar 500® Finish, Add</i>		3.58	
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	.....	12.45	2.25
		<i>For Kynar 500® Finish, Add</i>		3.91	
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	.....	14.12	2.25
		<i>For Kynar 500® Finish, Add</i>		4.66	
07 71 23 00-0011		Half Round Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0012	LF	5", 0.027" Thick, Half Round Aluminum Gutter	.....	10.30	2.25
		<i>For Kynar 500® Finish, Add</i>		2.94	
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	.....	12.28	2.25
		<i>For Kynar 500® Finish, Add</i>		3.83	
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	.....	9.83	2.25
		<i>For Kynar 500® Finish, Add</i>		2.73	
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	.....	9.86	2.25
		<i>For Kynar 500® Finish, Add</i>		2.75	
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	.....	11.36	2.25
		<i>For Kynar 500® Finish, Add</i>		3.42	
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	.....	12.71	2.25
		<i>For Kynar 500® Finish, Add</i>		4.03	
07 71 23 00-0019		Aluminum Gutter End Caps (07 71 23 00-0001)			
07 71 23 00-0020		K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0021	EA	5", K-Style Aluminum Gutter End Cap	.....	2.39	
		<i>For Kynar 500® Finish, Add</i>		0.27	
07 71 23 00-0022	EA	6", K-Style Aluminum Gutter End Cap	.....	2.86	
		<i>For Kynar 500® Finish, Add</i>		0.48	
07 71 23 00-0023	EA	7", K-Style Aluminum Gutter End Cap	.....	5.75	
		<i>For Kynar 500® Finish, Add</i>		1.78	
07 71 23 00-0024	EA	8", K-Style Aluminum Gutter End Cap	.....	6.64	
		<i>For Kynar 500® Finish, Add</i>		2.18	
07 71 23 00-0025		Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0026	EA	5", Half Round Aluminum Gutter End Cap	.....	3.60	
		<i>For Kynar 500® Finish, Add</i>		0.81	
07 71 23 00-0027	EA	6", Half Round Aluminum Gutter End Cap	.....	5.36	
		<i>For Kynar 500® Finish, Add</i>		1.60	
07 71 23 00-0028		Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)			
07 71 23 00-0029	EA	6", Box Style Aluminum Gutter End Cap	.....	6.24	
		<i>For Kynar 500® Finish, Add</i>		2.00	
07 71 23 00-0030	EA	7", Box Style Aluminum Gutter End Cap	.....	6.75	
		<i>For Kynar 500® Finish, Add</i>		2.23	
07 71 23 00-0031	EA	8", Box Style Aluminum Gutter End Cap	.....	7.85	
		<i>For Kynar 500® Finish, Add</i>		2.72	
07 71 23 00-0032		Aluminum Gutter Miters (07 71 23 00-0001)			
		Note: Inside or outside miters.			
07 71 23 00-0033		K-Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0034	EA	5", K-Style Aluminum Gutter Miter	.....	7.79	
		<i>For Kynar 500® Finish, Add</i>		2.08	
07 71 23 00-0035	EA	6", K-Style Aluminum Gutter Miter	.....	11.17	
		<i>For Kynar 500® Finish, Add</i>		3.60	
07 71 23 00-0036	EA	7", K-Style Aluminum Gutter Miter	.....	41.70	
		<i>For Kynar 500® Finish, Add</i>		17.34	
07 71 23 00-0037	EA	8", K-Style Aluminum Gutter Miter	.....	45.13	
		<i>For Kynar 500® Finish, Add</i>		18.89	
07 71 23 00-0038		Half Round, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0039	EA	5", Half Round Aluminum Gutter Miter	.....	16.28	
		<i>For Kynar 500® Finish, Add</i>		5.90	
07 71 23 00-0040	EA	6", Half Round Aluminum Gutter Miter	.....	27.32	
		<i>For Kynar 500® Finish, Add</i>		10.87	
07 71 23 00-0041		Box Style, Aluminum Gutter Miters (07 71 23 00-0032)			
07 71 23 00-0042	EA	6", Box Style Aluminum Gutter Miter	.....	33.37	
		<i>For Kynar 500® Finish, Add</i>		13.59	
07 71 23 00-0043	EA	7", Box Style Aluminum Gutter Miter	.....	51.34	
		<i>For Kynar 500® Finish, Add</i>		21.68	
07 71 23 00-0044	EA	8", Box Style Aluminum Gutter Miter	.....	55.62	
		<i>For Kynar 500® Finish, Add</i>		23.61	
07 71 23 00-0045		Aluminum Gutter Wire Strainers (07 71 23 00-0001)			

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 71 23 00-0046	EA	3" Diameter, Round Aluminum Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	9.32	2.25	
			2.08		
07 71 23 00-0047	EA	4" Diameter, Round Aluminum Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	13.21	2.25	
			3.83		
07 71 23 00-0048		Aluminum Downspouts (07 71 23 00-0001) Note: Includes elbows, hangers and fasteners.			
07 71 23 00-0049		Round Aluminum Downspouts (07 71 23 00-0048)			
07 71 23 00-0050	LF	3" Diameter, Round Aluminum Downspout..... <i>For Kynar 500® Finish, Add</i>	4.65	2.16	
			1.04		
07 71 23 00-0051	LF	4" Diameter, Round Aluminum Downspout..... <i>For Kynar 500® Finish, Add</i>	5.19	2.16	
			1.28		
07 71 23 00-0052		Rectangular Aluminum Downspouts (07 71 23 00-0048)			
07 71 23 00-0053	LF	2" x 3", Rectangular Aluminum Downspout..... <i>For Kynar 500® Finish, Add</i>	3.52	2.16	
			0.53		
07 71 23 00-0054	LF	3" x 4", Rectangular Aluminum Downspout..... <i>For Kynar 500® Finish, Add</i>	4.21	2.16	
			0.84		
07 71 23 00-0055	LF	4" x 5", Rectangular Aluminum Downspout..... <i>For Kynar 500® Finish, Add</i>	7.11	2.16	
			2.15		
07 71 23 00-0056		Aluminum Devices (07 71 23 00-0001)			
07 71 23 00-0057	EA	Thru-Wall Aluminum Scupper Outlet..... <i>For Kynar 500® Finish, Add</i>	99.79	16.54	
			20.10		
07 71 23 00-0058	EA	Aluminum Leader/Conductor Head..... <i>For Kynar 500® Finish, Add</i>	137.15	18.38	
			45.18		
07 71 23 00-0059		Copper Gutters And Downspouts (07 71 23)			
07 71 23 00-0060		Copper Gutters (07 71 23 00-0059) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.			
07 71 23 00-0061		K-Style Copper Gutters (07 71 23 00-0060)			
07 71 23 00-0062	LF	4", 16 Ounce, K-Style Copper Gutter.....	12.42	2.25	
07 71 23 00-0063	LF	5", 16 Ounce, K-Style Copper Gutter.....	17.82	2.25	
07 71 23 00-0064	LF	6", 16 Ounce, K-Style Copper Gutter.....	21.28	2.25	
07 71 23 00-0065	LF	5", 20 Ounce, K-Style Copper Gutter.....	22.88	2.25	
07 71 23 00-0066	LF	6", 20 Ounce, K-Style Copper Gutter.....	28.44	2.25	
07 71 23 00-0067	LF	7", 20 Ounce, K-Style Copper Gutter.....	32.96	2.25	
07 71 23 00-0068	LF	8", 20 Ounce, K-Style Copper Gutter.....	36.29	2.25	
07 71 23 00-0069		Half Round Copper Gutters (07 71 23 00-0060)			
07 71 23 00-0070	LF	5", 16 Ounce, Half Round Copper Gutter.....	15.19	2.25	
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter.....	19.32	2.25	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter.....	33.05	2.25	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter.....	17.95	2.25	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter.....	22.25	2.25	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter.....	34.84	2.25	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter.....	39.27	2.25	
07 71 23 00-0077		Copper Gutter End Caps (07 71 23 00-0059)			
07 71 23 00-0078		K-Style, Copper Gutter End Caps (07 71 23 00-0077)			
07 71 23 00-0079	EA	4", K-Style Copper Gutter End Cap.....	4.78		
07 71 23 00-0080	EA	5", K-Style Copper Gutter End Cap.....	5.11		
07 71 23 00-0081	EA	6", K-Style Copper Gutter End Cap.....	5.44		
07 71 23 00-0082	EA	7", K-Style Copper Gutter End Cap.....	14.27		
07 71 23 00-0083	EA	8", K-Style Copper Gutter End Cap.....	17.37		
07 71 23 00-0084		Half Round, Copper Gutter End Caps (07 71 23 00-0077)			
07 71 23 00-0085	EA	4", Half Round Copper Gutter End Cap.....	5.76		
07 71 23 00-0086	EA	5", Half Round Copper Gutter End Cap.....	6.46		
07 71 23 00-0087	EA	6", Half Round Copper Gutter End Cap.....	9.69		
07 71 23 00-0088	EA	7", Half Round Copper Gutter End Cap.....	28.93		
07 71 23 00-0089	EA	8", Half Round Copper Gutter End Cap.....	34.15		
07 71 23 00-0090		Copper Gutter Miters (07 71 23 00-0059) Note: Inside or outside miters.			
07 71 23 00-0091		K-Style, Copper Gutter Miters (07 71 23 00-0090)			
07 71 23 00-0092	EA	4", K-Style Copper Gutter Miter.....	25.29		
07 71 23 00-0093	EA	5", K-Style Copper Gutter Miter.....	28.68		
07 71 23 00-0094	EA	6", K-Style Copper Gutter Miter.....	43.04		
07 71 23 00-0095	EA	7", K-Style Copper Gutter Miter.....	62.75		
07 71 23 00-0096	EA	8", K-Style Copper Gutter Miter.....	74.07		

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

07 71 23 00-0097	Half Round, Copper Gutter Miters (07 71 23 00-0090)		
07 71 23 00-0098	EA 4", Half Round Copper Gutter Miter	42.15	
07 71 23 00-0099	EA 5", Half Round Copper Gutter Miter	38.03	
07 71 23 00-0100	EA 6", Half Round Copper Gutter Miter	56.56	
07 71 23 00-0101	EA 7", Half Round Copper Gutter Miter	68.00	
07 71 23 00-0102	EA 8", Half Round Copper Gutter Miter	80.87	
07 71 23 00-0103	Copper Gutter Wire Strainers (07 71 23 00-0059)		
07 71 23 00-0104	EA 2" Diameter, Round Copper Wire Strainer	11.69	2.25
07 71 23 00-0105	EA 3" Diameter, Round Copper Wire Strainer	13.98	2.25
07 71 23 00-0106	EA 4" Diameter, Round Copper Wire Strainer	21.47	2.25
07 71 23 00-0107	EA 5" Diameter, Round Copper Wire Strainer	28.00	2.25
07 71 23 00-0108	EA 6" Diameter, Round Copper Wire Strainer	33.47	2.25
07 71 23 00-0109	Copper Downspouts (07 71 23 00-0059)		
	Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0110	Round Copper Downspouts (07 71 23 00-0109)		
07 71 23 00-0111	LF 2" Diameter, 16 Ounce, Round Copper Downspout	19.44	2.16
07 71 23 00-0112	LF 3" Diameter, 16 Ounce, Round Copper Downspout	13.60	2.16
07 71 23 00-0113	LF 4" Diameter, 16 Ounce, Round Copper Downspout	17.09	2.16
07 71 23 00-0114	LF 5" Diameter, 16 Ounce, Round Copper Downspout	27.18	2.16
07 71 23 00-0115	LF 6" Diameter, 16 Ounce, Round Copper Downspout	34.89	2.16
07 71 23 00-0116	LF 3" Diameter, 20 Ounce, Round Copper Downspout	18.33	2.16
07 71 23 00-0117	LF 4" Diameter, 20 Ounce, Round Copper Downspout	23.72	2.16
07 71 23 00-0118	LF 5" Diameter, 20 Ounce, Round Copper Downspout	35.94	2.16
07 71 23 00-0119	Square Copper Downspouts (07 71 23 00-0109)		
07 71 23 00-0120	LF 3" Diameter, 16 Ounce, Square Copper Downspout	9.48	2.16
07 71 23 00-0121	LF 4" Diameter, 16 Ounce, Square Copper Downspout	11.80	2.16
07 71 23 00-0122	LF 5" Diameter, 16 Ounce, Square Copper Downspout	16.80	2.16
07 71 23 00-0123	LF 3" Diameter, 20 Ounce, Square Copper Downspout	10.92	2.16
07 71 23 00-0124	LF 4" Diameter, 20 Ounce, Square Copper Downspout	13.81	2.16
07 71 23 00-0125	LF 5" Diameter, 20 Ounce, Square Copper Downspout	19.74	2.16
07 71 23 00-0126	Rectangular Copper Downspouts (07 71 23 00-0109)		
07 71 23 00-0127	LF 2" x 3", 16 Ounce, Rectangular Copper Downspout	13.96	2.16
07 71 23 00-0128	LF 3" x 4", 16 Ounce, Rectangular Copper Downspout	17.60	2.16
07 71 23 00-0129	LF 4" x 5", 16 Ounce, Rectangular Copper Downspout	24.95	2.16
07 71 23 00-0130	LF 2" x 3", 20 Ounce, Rectangular Copper Downspout	16.23	2.16
07 71 23 00-0131	LF 3" x 4", 20 Ounce, Rectangular Copper Downspout	20.74	2.16
07 71 23 00-0132	LF 4" x 5", 20 Ounce, Rectangular Copper Downspout	29.69	2.16
07 71 23 00-0133	Copper Devices And Accessories (07 71 23 00-0059)		
07 71 23 00-0134	EA Thru-Wall Copper Scupper Outlet.....	152.44	16.54
07 71 23 00-0135	EA Copper Leader/Conductor Head.....	222.01	18.38
07 71 23 00-0136	EA Copper Eave Box.....	102.72	13.52
07 71 23 00-0137	Galvanized Steel Gutters And Downspouts (07 71 23)		
07 71 23 00-0138	Galvanized Steel Gutters (07 71 23 00-0137)		
	Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0139	K-Style Galvanized Steel Gutters (07 71 23 00-0138)		
07 71 23 00-0140	LF 5", 26 Gauge, K-Style Galvanized Steel Gutter	6.46	2.25
	<i>For Kynar 500® Finish, Add</i>	1.22	
07 71 23 00-0141	LF 6", 26 Gauge, K-Style Galvanized Steel Gutter	7.28	2.25
	<i>For Kynar 500® Finish, Add</i>	1.58	
07 71 23 00-0142	LF 7", 26 Gauge, K-Style Galvanized Steel Gutter	14.59	2.25
	<i>For Kynar 500® Finish, Add</i>	4.87	
07 71 23 00-0143	LF 8", 24 Gauge, K-Style Galvanized Steel Gutter	15.00	2.25
	<i>For Kynar 500® Finish, Add</i>	5.06	
07 71 23 00-0144	Half Round Galvanized Steel Gutters (07 71 23 00-0138)		
07 71 23 00-0145	LF 5", 26 Gauge, Half Round Galvanized Steel Gutter	9.24	2.25
	<i>For Kynar 500® Finish, Add</i>	2.47	
07 71 23 00-0146	LF 6", 26 Gauge, Half Round Galvanized Steel Gutter	11.38	2.25
	<i>For Kynar 500® Finish, Add</i>	3.43	
07 71 23 00-0147	LF 7", 26 Gauge, Half Round Galvanized Steel Gutter	28.04	2.25
	<i>For Kynar 500® Finish, Add</i>	10.93	
07 71 23 00-0148	LF 8", 26 Gauge, Half Round Galvanized Steel Gutter	29.54	2.25
	<i>For Kynar 500® Finish, Add</i>	11.60	
07 71 23 00-0149	Box Style Galvanized Steel Gutters (07 71 23 00-0138)		
07 71 23 00-0150	LF 5", 24 Gauge, Box Style Galvanized Steel Gutter	10.49	2.25
	<i>For Kynar 500® Finish, Add</i>	3.03	
	<i>For 22 Gauge, Add</i>	1.01	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0151	LF		6", 24 Gauge, Box Style Galvanized Steel Gutter..... <i>For Kynar 500® Finish, Add</i> <i>For 22 Gauge, Add</i>	11.99 3.70 1.23	2.25
07 71 23 00-0152	LF		7", 24 Gauge, Box Style Galvanized Steel Gutter..... <i>For Kynar 500® Finish, Add</i> <i>For 22 Gauge, Add</i>	15.66 5.36 1.79	2.25
07 71 23 00-0153	LF		8", 24 Gauge, Box Style Galvanized Steel Gutter..... <i>For Kynar 500® Finish, Add</i> <i>For 22 Gauge, Add</i>	16.68 5.81 1.94	2.25
07 71 23 00-0154			Galvanized Steel Gutter End Caps (07 71 23 00-0137)		
07 71 23 00-0155			K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0154)		
07 71 23 00-0156	EA		5", K-Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	3.41 0.72	
07 71 23 00-0157	EA		6", K-Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	3.84 0.92	
07 71 23 00-0158	EA		7", K-Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	7.61 2.61	
07 71 23 00-0159	EA		8", K-Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	10.77 4.04	
07 71 23 00-0160			Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0154)		
07 71 23 00-0161	EA		5", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	4.22 1.09	
07 71 23 00-0162	EA		6", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	4.76 1.33	
07 71 23 00-0163	EA		7", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	8.34 2.94	
07 71 23 00-0164	EA		8", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	11.05 4.16	
07 71 23 00-0165			Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0154)		
07 71 23 00-0166	EA		5", Box Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	7.07 2.37	
07 71 23 00-0167	EA		6", Box Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	8.39 2.97	
07 71 23 00-0168	EA		7", Box Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	9.32 3.38	
07 71 23 00-0169	EA		8", Box Style Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	12.28 4.72	
07 71 23 00-0170			Galvanized Steel Gutter Miters (07 71 23 00-0137) Note: Inside or outside miters.		
07 71 23 00-0171			K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0170)		
07 71 23 00-0172	EA		5", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	14.11 4.93	
07 71 23 00-0173	EA		6", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	24.11 9.43	
07 71 23 00-0174	EA		7", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	40.01 16.58	
07 71 23 00-0175	EA		8", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	44.94 18.80	
07 71 23 00-0176			Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0170)		
07 71 23 00-0177	EA		5", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	20.30 7.71	
07 71 23 00-0178	EA		6", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	22.74 8.81	
07 71 23 00-0179	EA		7", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	69.75 29.97	
07 71 23 00-0180	EA		8", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	73.45 31.63	
07 71 23 00-0181			Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0170)		
07 71 23 00-0182	EA		5", Box Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	19.06 7.16	
07 71 23 00-0183	EA		6", Box Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	32.30 13.11	
07 71 23 00-0184	EA		7", Box Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	42.47 17.69	
07 71 23 00-0185	EA		8", Box Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	44.94 18.80	
07 71 23 00-0186			Galvanized Steel Gutter Wire Strainers (07 71 23 00-0137)		
07 71 23 00-0187	EA		3" Diameter, Round Galvanized Steel Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	8.38 1.66	2.25
07 71 23 00-0188	EA		4" Diameter, Round Galvanized Steel Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	11.51 3.06	2.25

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

07 71 23 00-0189			Galvanized Steel Downspouts (07 71 23 00-0137) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0190			Round Galvanized Steel Downspouts (07 71 23 00-0189)		
07 71 23 00-0191	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Kynar 500® Finish, Add	4.31 0.89	2.16
07 71 23 00-0192	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Kynar 500® Finish, Add	5.15 1.26	2.16
07 71 23 00-0193	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Kynar 500® Finish, Add	6.71 1.97	2.16
07 71 23 00-0194	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... For Kynar 500® Finish, Add	13.91 5.21	2.16
07 71 23 00-0195			Square Galvanized Steel Downspouts (07 71 23 00-0189)		
07 71 23 00-0196	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout For Kynar 500® Finish, Add	4.78 1.10	2.16
07 71 23 00-0197	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout For Kynar 500® Finish, Add	5.89 1.60	2.16
07 71 23 00-0198			Rectangular Galvanized Steel Downspouts (07 71 23 00-0189)		
07 71 23 00-0199	LF		2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout..... For Kynar 500® Finish, Add	4.37 0.91	2.16
07 71 23 00-0200	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout..... For Kynar 500® Finish, Add	5.35 1.35	2.16
07 71 23 00-0201	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout..... For Kynar 500® Finish, Add	9.21 3.09	2.16
07 71 23 00-0202			Galvanized Steel Devices (07 71 23 00-0137)		
07 71 23 00-0203	EA		Galvanized Steel Leader/Conductor Head For Kynar 500® Finish, Add	162.55 56.61	18.38
07 71 23 00-0204	EA		Thru-Wall Galvanized Steel Scupper Outlet For Kynar 500® Finish, Add	101.82 21.01	16.54
07 71 23 00-0205			Stainless Steel Gutters And Downspouts (07 71 23) Note: AISI type 304 stainless steel.		
07 71 23 00-0206			Stainless Steel Gutters (07 71 23 00-0205) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0207			K-Style Stainless Steel Gutters (07 71 23 00-0206)		
07 71 23 00-0208	LF		5", 0.018" Thick, K-Style Stainless Steel Gutter.....	15.85	2.25
07 71 23 00-0209	LF		6", 0.018" Thick, K-Style Stainless Steel Gutter.....	18.87	2.25
07 71 23 00-0210			Half Round Stainless Steel Gutters (07 71 23 00-0206)		
07 71 23 00-0211	LF		5", 0.018" Thick, Half Round Stainless Steel Gutter	22.06	2.25
07 71 23 00-0212	LF		6", 0.018" Thick, Half Round Stainless Steel Gutter	26.60	2.25
07 71 23 00-0213			Stainless Steel Gutter End Caps (07 71 23 00-0205)		
07 71 23 00-0214			K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0213)		
07 71 23 00-0215	EA		5", K-Style Stainless Steel Gutter End Cap	5.58	
07 71 23 00-0216	EA		6", K-Style Stainless Steel Gutter End Cap	6.34	
07 71 23 00-0217			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0213)		
07 71 23 00-0218	EA		5", Half Round Stainless Steel Gutter End Cap	6.53	
07 71 23 00-0219	EA		6", Half Round Stainless Steel Gutter End Cap	7.47	
07 71 23 00-0220			Stainless Steel Gutter Miters (07 71 23 00-0205) Note: Inside or outside box miters.		
07 71 23 00-0221			K-Style, Stainless Steel Gutter Miters (07 71 23 00-0220)		
07 71 23 00-0222	EA		5", K-Style Stainless Steel Gutter Miter	22.69	
07 71 23 00-0223	EA		6", K-Style Stainless Steel Gutter Miter	37.82	
07 71 23 00-0224			Half Round, Stainless Steel Gutter Miters (07 71 23 00-0220)		
07 71 23 00-0225	EA		5", Half Round Stainless Steel Gutter Miter	60.50	
07 71 23 00-0226	EA		6", Half Round Stainless Steel Gutter Miter	74.34	
07 71 23 00-0227			Stainless Steel Gutter Wire Strainers (07 71 23 00-0205)		
07 71 23 00-0228	EA		3" Diameter, Round Stainless Steel Wire Strainer	24.48	2.25
07 71 23 00-0229	EA		4" Diameter, Round Stainless Steel Wire Strainer	25.02	2.25

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 71 Roof Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 71 23 00-0230		Stainless Steel Downspouts (07 71 23 00-0205) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0231		Round Stainless Steel Downspouts (07 71 23 00-0230)		
07 71 23 00-0232	LF	3" Diameter, 0.018" Thick, Round Stainless Steel Downspout	15.33	2.16
07 71 23 00-0233	LF	4" Diameter, 0.018" Thick, Round Stainless Steel Downspout	27.13	2.16
07 71 23 00-0234	LF	5" Diameter, 0.018" Thick, Round Stainless Steel Downspout	41.57	2.16
07 71 23 00-0235		Rectangular Stainless Steel Downspouts (07 71 23 00-0230)		
07 71 23 00-0236	LF	2" x 3", 0.018" Thick, Rectangular Stainless Steel Downspout	10.37	2.16
07 71 23 00-0237	LF	3" x 4", 0.018" Thick, Rectangular Stainless Steel Downspout	13.63	2.16
07 71 23 00-0238	LF	4" x 5", 0.018" Thick, Rectangular Stainless Steel Downspout	32.82	2.16
07 71 23 00-0239		Stainless Steel Devices (07 71 23 00-0205)		
07 71 23 00-0240	EA	Thru-Wall Stainless Steel Scupper Outlet	188.02	20.28
07 71 23 00-0241	EA	Stainless Steel Leader/Conductor Head	221.18	20.28
07 71 23 00-0242		Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0243		Vinyl Gutters (07 71 23 00-0242) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0244		K-Style Vinyl Gutters (07 71 23 00-0243)		
07 71 23 00-0245	LF	4", K-Style Vinyl Gutter	7.08	2.25
07 71 23 00-0246	LF	5", K-Style Vinyl Gutter	8.79	2.25
07 71 23 00-0247		Half Round Vinyl Gutters (07 71 23 00-0243)		
07 71 23 00-0248	LF	4", Half Round Vinyl Gutter	7.28	2.25
07 71 23 00-0249	LF	5", Half Round Vinyl Gutter	7.59	2.25
07 71 23 00-0250		Vinyl Gutter End Caps (07 71 23 00-0242)		
07 71 23 00-0251		K-Style, Vinyl Gutter End Caps (07 71 23 00-0250)		
07 71 23 00-0252	EA	4", K-Style Vinyl Gutter End Cap	4.21	
07 71 23 00-0253	EA	5", K-Style Vinyl Gutter End Cap	5.63	
07 71 23 00-0254		Half Round, Vinyl Gutter End Caps (07 71 23 00-0250)		
07 71 23 00-0255	EA	4", Half Round Vinyl Gutter End Cap	4.73	
07 71 23 00-0256	EA	5", Half Round Vinyl Gutter End Cap	4.50	
07 71 23 00-0257		Vinyl Gutter Miters (07 71 23 00-0242) Note: Inside or outside miters.		
07 71 23 00-0258		K-Style, Vinyl Gutter Miters (07 71 23 00-0257)		
07 71 23 00-0259	EA	4", K-Style Vinyl Gutter Miter	10.09	
07 71 23 00-0260	EA	5", K-Style Vinyl Gutter Miter	14.67	
07 71 23 00-0261		Half Round, Vinyl Gutter Miters (07 71 23 00-0257)		
07 71 23 00-0262	EA	4", Half Round Vinyl Gutter Miter	10.09	
07 71 23 00-0263	EA	5", Half Round Vinyl Gutter Miter	10.88	
07 71 23 00-0264		Vinyl Downspouts (07 71 23 00-0242) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0265		Round Vinyl Downspouts (07 71 23 00-0264)		
07 71 23 00-0266	LF	2-1/2" Diameter, Round Vinyl Downspout	4.61	2.16
07 71 23 00-0267	LF	3" Diameter, Round Vinyl Downspout	4.77	2.16
07 71 23 00-0268		Square Vinyl Downspouts (07 71 23 00-0264)		
07 71 23 00-0269	LF	2-1/2", Square Vinyl Downspout	4.54	2.16
07 71 23 00-0270		Rectangular Vinyl Downspouts (07 71 23 00-0264)		
07 71 23 00-0271	LF	2" x 3", Rectangular Vinyl Downspout	5.61	2.16
07 71 23 00-0272		Gutter And Downspout Boot (07 71 23)		
07 71 23 00-0273		Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0272)		
07 71 23 00-0274	EA	2" x 3" Cast Iron Roof Drainage Downspout Boot	210.10	3.24
07 71 23 00-0275	EA	3" x 4" Cast Iron Roof Drainage Downspout Boot	220.64	3.24
07 71 23 00-0276	EA	4" x 5" Cast Iron Roof Drainage Downspout Boot	263.21	3.24
07 71 23 00-0277		Leaf Guards And Cleaning (07 71 23)		

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

07 71 23 00-0278	LF	Aluminum Mesh Gutter Leaf Guard		1.80	0.63
07 71 23 00-0279	LF	Vinyl Mesh Gutter Leaf Guard		1.86	0.63
07 71 23 00-0280	LF	6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire		11.29	0.79
07 71 23 00-0281	LF	9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire		16.15	0.79
07 71 23 00-0282	LF	6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh		8.59	0.79
07 71 23 00-0283	LF	9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh		13.25	0.79
07 71 23 00-0284	EA	Cleanout Roof Drain		105.90	
		Note: Includes removing dome and flushing.			
07 71 23 00-0285	LF	Clean Gutters And Downspouts.....		1.24	

07 71 26 Reglets (07 71)

07 71 26 00-0001		Counter Flashing With Reglet (07 71 26)			
		Note: Includes reglet cut.			
07 71 26 00-0002		Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)			
07 71 26 00-0003		Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)			
07 71 26 00-0004	LF	28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		9.19	3.27
07 71 26 00-0005	LF	26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		9.26	3.27
07 71 26 00-0006	LF	24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		9.39	3.27
07 71 26 00-0007	LF	22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		9.87	3.27
07 71 26 00-0008	LF	20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		10.14	3.27
07 71 26 00-0009	LF	18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet		10.45	3.27
07 71 26 00-0010		KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)			
07 71 26 00-0011	LF	28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		10.38	3.27
07 71 26 00-0012	LF	26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		10.48	3.27
07 71 26 00-0013	LF	24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		10.67	3.27
07 71 26 00-0014	LF	22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		11.36	3.27
07 71 26 00-0015	LF	20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		11.76	3.27
07 71 26 00-0016	LF	18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....		12.22	3.27
07 71 26 00-0017		Aluminum Counter Flashing With Reglet (07 71 26 00-0001)			
07 71 26 00-0018		KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)			
07 71 26 00-0019	LF	0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		10.11	3.27
07 71 26 00-0020	LF	0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		10.67	3.27
07 71 26 00-0021	LF	0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		11.24	3.27
07 71 26 00-0022	LF	0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		11.65	3.27
07 71 26 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		12.55	3.27
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....		13.87	3.27
07 71 26 00-0025		Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)			
07 71 26 00-0026	LF	0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		8.82	3.27
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		9.18	3.27
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		9.54	3.27
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		9.80	3.27
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		10.38	3.27
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet		11.22	3.27
07 71 26 00-0032		Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)			
07 71 26 00-0033	LF	0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		9.85	3.27
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		10.37	3.27
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		10.89	3.27
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		11.27	3.27
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		12.11	3.27
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet		13.33	3.27
07 71 26 00-0039		Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)			
07 71 26 00-0040		Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)			
07 71 26 00-0041	LF	24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....		13.06	3.27
07 71 26 00-0042	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....		14.22	3.27
07 71 26 00-0043		Copper Counter Flashing With Reglet (07 71 26 00-0001)			
07 71 26 00-0044		Copper Counter Flashing With Reglet (07 71 26 00-0043)			
07 71 26 00-0045	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....		23.70	3.27

07 72 Roof Accessories (07 70)

07 72 13 Manufactured Curbs (07 72)

07 72 13 00-0001		Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)			
------------------	--	---	--	--	--

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0002	Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0001)</small> Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003	18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0002)</small>		
07 72 13 00-0004	9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0003)</small>		
07 72 13 00-0005	EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....296.66 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 21.88 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 51.55 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 3.30 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 24.30 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 35.30		77.84
07 72 13 00-0006	EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....302.66 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 22.48 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 52.75 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 4.05 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 32.05 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 42.05		77.84
07 72 13 00-0007	EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....325.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 23.76 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 56.27 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 4.95 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 39.95 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 46.95		87.56
07 72 13 00-0008	EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....348.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 26.06 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 60.87 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 6.60 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 51.60 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 58.60		87.56
07 72 13 00-0009	EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....365.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 27.76 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 64.27 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 9.15 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 58.15 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 64.15		87.56
07 72 13 00-0010	EA 26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....452.58 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 35.53 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 80.79 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 10.95 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 55.95 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 74.95		97.29
07 72 13 00-0011	EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....304.66 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 22.68 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 53.15 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 5.25 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 45.25 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 63.25		77.84
07 72 13 00-0012	EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....326.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 23.86 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 56.47 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 6.30 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 48.30 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 65.30		87.56
07 72 13 00-0013	EA 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....339.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 25.16 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 59.07 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 7.80 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 51.80 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 65.80		87.56
07 72 13 00-0014	EA 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....344.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 25.66 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 60.07 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 9.30 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 57.30 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 70.30		87.56
07 72 13 00-0015	EA 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....436.58 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 33.93 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 77.59 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 12.00 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 65.00 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 85.00		97.29
07 72 13 00-0016	EA 38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....477.04 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 37.00 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 84.71 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 14.70 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 75.70 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 99.70		107.02
07 72 13 00-0017	EA 50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb .....372.13 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> 28.46 <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> 65.67 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> 8.10 <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> 52.10 <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i> 63.10		87.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0018 EA 50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	404.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	71.19	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	50.75	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.75	
07 72 13 00-0019 EA 50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	415.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	31.83	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0020 EA 50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	456.04	107.02
For Sloped Roofs Up To 1 In 12 Pitch, Add	34.90	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	80.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	13.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.50	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	90.50	
07 72 13 00-0021 EA 51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	487.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.08	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	85.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0022 EA 51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	526.95	126.48
For Sloped Roofs Up To 1 In 12 Pitch, Add	40.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	92.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	81.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	115.60	
07 72 13 00-0023 EA 62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	415.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	31.83	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0024 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	445.04	107.02
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.80	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	78.31	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0025 EA 62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	486.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	36.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	85.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.30	
07 72 13 00-0026 EA 62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	496.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	37.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	87.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0027 EA 62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	537.95	126.48
For Sloped Roofs Up To 1 In 12 Pitch, Add	41.15	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	94.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	23.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	73.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.10	
07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0029 EA 26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	309.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.18	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0030 EA 26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	312.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.48	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.05	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	32.05	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.05	
07 72 13 00-0031 EA 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	335.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.76	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	58.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0032 EA 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	361.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	58.60	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0033	EA 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	380.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.26	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	67.27	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0034	EA 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	464.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.73	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.19	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0035	EA 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	313.66	77.84
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.58	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	54.95	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0036	EA 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	353.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	26.56	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	61.87	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	
07 72 13 00-0037	EA 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	373.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	28.56	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	65.87	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0038	EA 38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	396.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.86	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	70.47	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0039	EA 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	452.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.53	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	80.79	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0040	EA 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	497.04	107.02
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.00	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	88.71	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	
07 72 13 00-0041	EA 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	384.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.66	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	68.07	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0042	EA 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	414.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.73	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	73.19	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.75	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	50.75	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.75	
07 72 13 00-0043	EA 50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	430.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.33	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	76.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0044	EA 50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	472.04	107.02
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.50	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.71	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0045	EA 51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	506.50	116.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.98	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	89.63	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0046	EA 51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	548.95	126.48
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	42.25	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	97.14	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0047 EA 62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	430.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	33.33	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0048 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	461.04	107.02
For Sloped Roofs Up To 1 In 12 Pitch, Add	35.40	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	81.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0049 EA 62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	503.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	38.68	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	89.03	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.30	
07 72 13 00-0050 EA 62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	516.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	39.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	91.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0051 EA 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	559.95	126.48
For Sloped Roofs Up To 1 In 12 Pitch, Add	43.35	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	99.34	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	23.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	73.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.10	
07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0003)</small>		
07 72 13 00-0053 EA 26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	316.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.88	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	55.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0054 EA 26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	319.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.18	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.05	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	32.05	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.05	
07 72 13 00-0055 EA 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	340.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	25.26	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0056 EA 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	369.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	65.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	58.60	
07 72 13 00-0057 EA 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	391.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0058 EA 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	478.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	38.13	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	85.99	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	10.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	55.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	74.95	
07 72 13 00-0059 EA 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	319.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.18	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	5.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.25	
07 72 13 00-0060 EA 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	340.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	25.26	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	6.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	48.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.30	
07 72 13 00-0061 EA 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	391.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	30.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0062	EA 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	415.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.76	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.27	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0063	EA 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	464.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.73	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.19	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0064	EA 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	510.04	107.02
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.30	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	91.31	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	
07 72 13 00-0065	EA 50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	392.13	87.56
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.46	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	69.67	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0066	EA 50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	425.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.83	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	75.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.75	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	50.75	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.75	
07 72 13 00-0067	EA 50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	440.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.33	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	78.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0068	EA 50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	484.04	107.02
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.70	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	86.11	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0069	EA 51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	518.50	116.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.18	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.03	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0070	EA 51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	562.95	126.48
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.65	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	99.94	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	
07 72 13 00-0071	EA 62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	440.58	97.29
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.33	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	78.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0072	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	472.04	107.02
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.50	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.71	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0073	EA 62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	516.50	116.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.98	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	91.63	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0074	EA 62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	529.50	116.75
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	41.28	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	94.23	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0075	EA 62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	574.95	126.48
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.85	
	<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	102.34	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	

07 72 13 00-0076 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)

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

07 72 13 00-0077	9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0076)</small>		
07 72 13 00-0078	EA 26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	285.66 20.78 49.35 3.30 24.30 35.30	77.84
07 72 13 00-0079	EA 26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	298.66 22.08 51.95 4.05 32.05 42.05	77.84
07 72 13 00-0080	EA 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	343.13 25.56 59.87 4.95 39.95 46.95	87.56
07 72 13 00-0081	EA 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	373.13 28.56 65.87 6.60 51.60 58.60	87.56
07 72 13 00-0082	EA 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	395.13 30.76 70.27 9.15 58.15 64.15	87.56
07 72 13 00-0083	EA 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	494.58 39.73 89.19 10.95 55.95 74.95	97.29
07 72 13 00-0084	EA 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	322.66 24.48 56.75 5.25 45.25 63.25	77.84
07 72 13 00-0085	EA 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	351.13 26.36 61.47 6.30 48.30 65.30	87.56
07 72 13 00-0086	EA 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	361.13 27.36 63.47 7.80 51.80 65.80	87.56
07 72 13 00-0087	EA 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	370.13 28.26 65.27 9.30 57.30 70.30	87.56
07 72 13 00-0088	EA 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	470.58 37.33 84.39 12.00 65.00 85.00	97.29
07 72 13 00-0089	EA 38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	517.04 41.00 92.71 14.70 75.70 99.70	107.02
07 72 13 00-0090	EA 50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	396.13 30.86 70.47 8.10 52.10 63.10	87.56
07 72 13 00-0091	EA 50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	429.58 33.23 76.19 9.75 50.75 70.75	97.29

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

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

07 72 13 00-0092	EA		50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	445.58	97.29
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.83	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	79.39	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0093	EA		50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	490.04	107.02
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.30	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	87.31	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0094	EA		51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	524.50	116.75
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.78	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	93.23	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0095	EA		51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	569.95	126.48
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.35	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	101.34	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	
07 72 13 00-0096	EA		62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	445.58	97.29
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.83	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	79.39	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0097	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	477.04	107.02
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.00	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	84.71	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0098	EA		62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	522.50	116.75
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.58	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.83	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0099	EA		62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	536.50	116.75
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	41.98	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	95.63	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0100	EA		62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	582.95	126.48
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.65	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	103.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	

07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)

07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	294.66	77.84
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	21.68	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	51.15	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	309.66	77.84
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.18	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	54.15	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0104	EA		26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	358.13	87.56
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.06	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	62.87	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0105	EA		26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	391.13	87.56
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.36	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	69.47	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	
07 72 13 00-0106	EA		26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	418.13	87.56
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.06	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.87	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	

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

07 72 13 00-0107 EA 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	498.58	97.29
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.13	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	89.99	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0108 EA 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	335.66	77.84
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	25.78	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	59.35	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0109 EA 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	367.13	87.56
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.96	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	64.67	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	
07 72 13 00-0110 EA 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	380.13	87.56
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.26	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	67.27	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0111 EA 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	392.13	87.56
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	30.46	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	69.67	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	
07 72 13 00-0112 EA 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	494.58	97.29
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.73	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	89.19	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0113 EA 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	546.04	107.02
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.90	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	98.51	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	
07 72 13 00-0114 EA 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	414.13	87.56
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	32.66	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0115 EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	449.58	97.29
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	35.23	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	80.19	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	50.75	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.75	
07 72 13 00-0116 EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	468.58	97.29
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.13	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.99	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0117 EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	514.04	107.02
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	40.70	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.11	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0118 EA 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	552.50	116.75
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.58	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	98.83	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0119 EA 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	601.95	126.48
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.55	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	107.74	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	
07 72 13 00-0120 EA 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	468.58	97.29
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	37.13	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	83.99	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	503.04	107.02
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	39.60	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	89.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	550.50	116.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.38	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	98.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	565.50	116.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.88	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	101.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0124	EA	62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	616.95	126.48
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.05	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	110.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	

07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)

07 72 13 00-0126	EA	26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	301.66	77.84
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	22.38	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	52.55	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	3.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	24.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.30	
07 72 13 00-0127	EA	26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	317.66	77.84
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	23.98	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	55.75	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.05	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.05	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.05	
07 72 13 00-0128	EA	26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	367.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	27.96	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	64.67	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	4.95	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	39.95	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	46.95	
07 72 13 00-0129	EA	26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	403.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.56	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	71.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	58.60	
07 72 13 00-0130	EA	26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	433.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.56	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	77.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.15	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.15	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	64.15	
07 72 13 00-0131	EA	26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	530.58	97.29
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	43.33	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	96.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	10.95	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	55.95	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	74.95	
07 72 13 00-0132	EA	38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	345.66	77.84
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	26.78	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	61.35	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	5.25	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.25	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.25	
07 72 13 00-0133	EA	38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	384.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	29.66	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	68.07	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	6.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	48.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.30	
07 72 13 00-0134	EA	38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	402.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.46	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	71.67	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	7.80	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	51.80	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.80	
07 72 13 00-0135	EA	38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	406.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.86	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.47	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	57.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.30	

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

07 72 13 00-0136	EA	38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	512.58	97.29
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	41.53	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	92.79	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0137	EA	38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	566.04	107.02
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.90	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	102.51	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.70	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	75.70	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	99.70	
07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	426.13	87.56
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	33.86	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	76.47	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	462.58	97.29
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	36.53	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	82.79	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	9.75	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	50.75	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.75	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	483.58	97.29
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.63	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	86.99	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	532.04	107.02
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	42.50	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	95.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	13.50	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	58.50	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	90.50	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	570.50	116.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.38	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	102.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	623.95	126.48
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	49.75	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	112.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	81.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	115.60	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	483.58	97.29
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	38.63	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	86.99	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	45.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	83.30	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	521.04	107.02
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	41.40	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	93.51	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	567.50	116.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.08	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	101.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.30	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	585.50	116.75
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	46.88	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	105.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	18.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	67.30	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	117.30	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	638.95	126.48
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.25	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	115.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	23.10	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	73.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	137.10	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0001)

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0151	EA 14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	343.30 26.55 60.88	77.84
07 72 13 00-0152	EA 23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	426.60 34.88 77.54	77.84
07 72 13 00-0153	EA 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	492.39 40.48 89.72	87.56
07 72 13 00-0154	EA 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	558.91 47.13 103.03	87.56
07 72 13 00-0155	EA 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	617.03 51.97 113.68	97.29
07 72 13 00-0156	12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0157	EA 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	465.27 38.74 85.27	77.84
07 72 13 00-0158	EA 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	578.32 50.05 107.88	77.84
07 72 13 00-0159	EA 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	600.98 51.34 111.44	87.56
07 72 13 00-0160	EA 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	643.48 55.59 119.94	87.56
07 72 13 00-0161	EA 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	722.43 62.51 134.76	97.29
07 72 13 00-0162	EA 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	905.52 79.85 170.40	107.02
07 72 13 00-0163	18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0164	EA 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	665.66 58.78 125.35	77.84
07 72 13 00-0165	EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	781.26 70.34 148.47	77.84
07 72 13 00-0166	EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	938.01 85.04 178.85	87.56
07 72 13 00-0167	Wood, Prefabricated Roof Curbs (07 72 13) Note: Includes Douglas fir construction, galvanized steel corner straps and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0168	Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0167)		
07 72 13 00-0169	2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0170	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	236.66 15.88 39.55 3.30 24.30 35.30	77.84
07 72 13 00-0171	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	262.13 17.46 43.67 4.95 39.95 46.95	87.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0172 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 288.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	20.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	48.87	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0173 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 285.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	19.76	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	48.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0174 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 292.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	20.46	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	49.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0175 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 328.58		97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.13	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	55.99	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0176 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 290.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	20.26	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	49.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0177 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 337.58		97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.03	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	57.79	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0178 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 376.50		116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	25.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0179 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 319.58		97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	22.23	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.19	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0180 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 351.04		107.02
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.40	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0181 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb 396.50		116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	67.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168) 242.66		77.84
07 72 13 00-0183 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb 16.48		
For Sloped Roofs Up To 1 In 12 Pitch, Add	40.75	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	3.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	24.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	35.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add		
07 72 13 00-0184 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb 269.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	18.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	45.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0185 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb 307.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	21.96	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0186 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb 297.13		87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	20.96	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	50.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0187	EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	307.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	21.96	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.67	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0188	EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	343.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	24.63	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	58.99	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0189	EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	301.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	21.36	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	51.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0190	EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	351.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.43	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	60.59	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0191	EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	390.50	116.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	27.38	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0192	EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	330.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	23.33	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.39	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0193	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	364.04	107.02
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.70	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	62.11	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0194	EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	410.50	116.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	29.38	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	70.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0195	2 x 10 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0196	EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	246.66	77.84
	For Sloped Roofs Up To 1 In 12 Pitch, Add	16.88	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	41.55	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0197	EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	276.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	18.86	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	46.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0198	EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	309.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.16	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	53.07	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0199	EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	304.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	21.66	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.07	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0200	EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	316.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.86	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0201	EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	353.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.63	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	60.99	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0202	EA	50" x 50"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	308.13 22.06 52.87 8.10 52.10 63.10	87.56
07 72 13 00-0203	EA	50" x 74"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	360.58 26.33 62.39 11.55 46.55 80.55	97.29
07 72 13 00-0204	EA	51" x 99"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	399.50 28.28 68.23 15.45 71.45 96.45	116.75
07 72 13 00-0205	EA	62" x 62"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	337.58 24.03 57.79 12.30 45.30 83.30	97.29
07 72 13 00-0206	EA	62-3/8" x 74-3/8"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	372.04 26.50 63.71 14.10 63.10 94.10	107.02
07 72 13 00-0207	EA	62" x 98"	Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	420.50 30.38 72.43 18.30 67.30 117.30	116.75
07 72 13 00-0208			2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0209	EA	26" x 26"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	251.66 17.38 42.55 3.30 24.30 35.30	77.84
07 72 13 00-0210	EA	26" x 50"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	280.13 19.26 47.27 4.95 39.95 46.95	87.56
07 72 13 00-0211	EA	26" x 98"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	318.13 23.06 54.87 9.15 58.15 64.15	87.56
07 72 13 00-0212	EA	38" x 74"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	326.13 23.86 56.47 9.30 57.30 70.30	87.56
07 72 13 00-0213	EA	38" x 98"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	364.58 26.73 63.19 12.00 65.00 85.00	97.29
07 72 13 00-0214	EA	50" x 50"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	317.13 22.96 54.67 8.10 52.10 63.10	87.56
07 72 13 00-0215	EA	50" x 74"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	370.58 27.33 64.39 11.55 46.55 80.55	97.29
07 72 13 00-0216	EA	51" x 99"	Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	411.50 29.48 70.63 15.45 71.45 96.45	116.75

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0217	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	380.04 27.30 65.31 14.10 63.10 94.10	107.02
07 72 13 00-0218	Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0219	2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0220	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	244.66 16.68 41.15 3.30 24.30 35.30	77.84
07 72 13 00-0221	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	269.13 18.16 45.07 4.95 39.95 46.95	87.56
07 72 13 00-0222	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	301.13 21.36 51.47 9.15 58.15 64.15	87.56
07 72 13 00-0223	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	294.13 20.66 50.07 7.80 51.80 65.80	87.56
07 72 13 00-0224	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	303.13 21.56 51.87 9.30 57.30 70.30	87.56
07 72 13 00-0225	EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	340.58 24.33 58.39 12.00 65.00 85.00	97.29
07 72 13 00-0226	EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	299.13 21.16 51.07 8.10 52.10 63.10	87.56
07 72 13 00-0227	EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	348.58 25.13 59.99 11.55 46.55 80.55	97.29
07 72 13 00-0228	EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	387.50 27.08 65.83 15.45 71.45 96.45	116.75
07 72 13 00-0229	EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	331.58 23.43 56.59 12.30 45.30 83.30	97.29
07 72 13 00-0230	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	362.04 25.50 61.71 14.10 63.10 94.10	107.02
07 72 13 00-0231	EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb For Sloped Roofs Up To 1 In 12 Pitch, Add For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	410.50 29.38 70.43 18.30 67.30 117.30	116.75
07 72 13 00-0232	2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0233 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	251.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	17.38	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	42.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0234 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	277.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	18.96	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	46.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0235 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	313.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	22.56	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	53.87	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0236 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	306.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	21.86	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	52.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0237 EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	319.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	23.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	55.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0238 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	358.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	26.13	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	61.99	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0239 EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	313.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	22.56	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	53.87	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0240 EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	365.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	26.83	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	63.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0241 EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	406.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	28.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	69.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0242 EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	344.58	97.29
For Sloped Roofs Up To 1 In 12 Pitch, Add	24.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.19	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0243 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	377.04	107.02
For Sloped Roofs Up To 1 In 12 Pitch, Add	27.00	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0244 EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	427.50	116.75
For Sloped Roofs Up To 1 In 12 Pitch, Add	31.08	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	73.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0246 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	257.66	77.84
For Sloped Roofs Up To 1 In 12 Pitch, Add	17.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	43.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0247 EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	285.13	87.56
For Sloped Roofs Up To 1 In 12 Pitch, Add	19.76	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	48.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0248	EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	325.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	23.76	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	56.27	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0249	EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	315.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	22.76	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	54.27	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	7.80	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	51.80	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	65.80	
07 72 13 00-0250	EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	331.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	24.36	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	57.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	
07 72 13 00-0251	EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	371.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	27.43	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	64.59	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.00	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	65.00	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	85.00	
07 72 13 00-0252	EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	322.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	23.46	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	55.67	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	8.10	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	52.10	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	63.10	
07 72 13 00-0253	EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	376.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	27.93	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	65.59	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.55	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	46.55	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	80.55	
07 72 13 00-0254	EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	418.50	116.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	30.18	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	72.03	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	15.45	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	71.45	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	96.45	
07 72 13 00-0255	EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	354.58	97.29
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.73	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	61.19	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	12.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	45.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	83.30	
07 72 13 00-0256	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	388.04	107.02
	For Sloped Roofs Up To 1 In 12 Pitch, Add	28.10	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	66.91	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	14.10	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	63.10	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	94.10	
07 72 13 00-0257	EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	440.50	116.75
	For Sloped Roofs Up To 1 In 12 Pitch, Add	32.38	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	76.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	18.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	67.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	117.30	
07 72 13 00-0258	2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0259	EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	269.66	77.84
	For Sloped Roofs Up To 1 In 12 Pitch, Add	19.18	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	46.15	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	3.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.30	
07 72 13 00-0260	EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	291.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	20.36	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	49.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	4.95	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	39.95	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	46.95	
07 72 13 00-0261	EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	334.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	24.66	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	58.07	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.15	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	58.15	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	64.15	
07 72 13 00-0262	EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	341.13	87.56
	For Sloped Roofs Up To 1 In 12 Pitch, Add	25.36	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	59.47	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	9.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	57.30	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0263	EA		38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	409.58	97.29
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.23	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.19	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	12.00	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	65.00	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	85.00	
07 72 13 00-0264	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	351.13	87.56
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	26.36	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	61.47	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	8.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	52.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	63.10	
07 72 13 00-0265	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	411.58	97.29
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.43	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	72.59	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.55	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	46.55	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	80.55	
07 72 13 00-0266	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	458.50	116.75
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	34.18	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	80.03	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	15.45	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	71.45	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	96.45	
07 72 13 00-0267	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	425.04	107.02
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	31.80	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	74.31	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	14.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	63.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	94.10	
07 72 23 Relief Vents (07 72)					
07 72 23 00-0001			Wind Driven Turbine Ventilators (07 72 23)		
			Note: Excludes curb or flange base.		
07 72 23 00-0002			Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0003	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	93.78	25.23
			<i>For Curb Or Flange Base, Add</i>	113.29	
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	111.64	27.94
			<i>For Curb Or Flange Base, Add</i>	125.09	
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	122.19	33.34
			<i>For Curb Or Flange Base, Add</i>	141.47	
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	220.87	36.95
			<i>For Curb Or Flange Base, Add</i>	211.48	
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	299.52	41.45
			<i>For Curb Or Flange Base, Add</i>	230.30	
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	358.71	45.06
			<i>For Curb Or Flange Base, Add</i>	249.60	
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	454.92	50.46
			<i>For Curb Or Flange Base, Add</i>	301.65	
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator	743.81	67.59
			<i>For Curb Or Flange Base, Add</i>	480.74	
07 72 23 00-0011			Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	98.29	25.23
			<i>For Curb Or Flange Base, Add</i>	123.26	
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	121.45	27.94
			<i>For Curb Or Flange Base, Add</i>	136.12	
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	136.82	33.34
			<i>For Curb Or Flange Base, Add</i>	152.71	
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	235.39	36.95
			<i>For Curb Or Flange Base, Add</i>	247.20	
07 72 23 00-0016	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	301.50	41.45
			<i>For Curb Or Flange Base, Add</i>	265.42	
07 72 23 00-0017	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	378.61	45.06
			<i>For Curb Or Flange Base, Add</i>	297.66	
07 72 23 00-0018	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	507.71	50.46
			<i>For Curb Or Flange Base, Add</i>	357.12	
07 72 23 00-0019	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator	753.53	67.59
			<i>For Curb Or Flange Base, Add</i>	531.39	
07 72 23 00-0020			Stationary Siphon Ventilators (07 72 23)		
			Note: Excludes curb or flange base.		
07 72 23 00-0021			Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	81.11	25.23
			<i>For Curb Or Flange Base, Add</i>	113.29	
07 72 23 00-0023	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	104.39	27.94
			<i>For Curb Or Flange Base, Add</i>	125.09	
07 72 23 00-0024	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	116.25	33.34
			<i>For Curb Or Flange Base, Add</i>	141.47	
07 72 23 00-0025	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	188.34	36.95
			<i>For Curb Or Flange Base, Add</i>	211.48	
07 72 23 00-0026	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	217.20	41.45
			<i>For Curb Or Flange Base, Add</i>	230.30	

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0027	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	300.53	45.06
			<i>For Curb Or Flange Base, Add</i>	249.60	
07 72 23 00-0028	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	387.50	50.46
			<i>For Curb Or Flange Base, Add</i>	301.65	
07 72 23 00-0029	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator	558.84	67.59
			<i>For Curb Or Flange Base, Add</i>	480.74	
07 72 23 00-0030			Mill Finish Aluminum, Stationary Siphon Ventilators <small>(07 72 23 00-0020)</small>		
07 72 23 00-0031	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	94.84	25.23
			<i>For Curb Or Flange Base, Add</i>	123.26	
07 72 23 00-0032	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	123.51	27.94
			<i>For Curb Or Flange Base, Add</i>	136.12	
07 72 23 00-0033	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	138.56	33.34
			<i>For Curb Or Flange Base, Add</i>	152.71	
07 72 23 00-0034	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	219.12	36.95
			<i>For Curb Or Flange Base, Add</i>	247.20	
07 72 23 00-0035	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	273.84	41.45
			<i>For Curb Or Flange Base, Add</i>	265.42	
07 72 23 00-0036	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	333.66	45.06
			<i>For Curb Or Flange Base, Add</i>	297.66	
07 72 23 00-0037	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	473.15	50.46
			<i>For Curb Or Flange Base, Add</i>	357.12	
07 72 23 00-0038	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator.....	709.36	67.59
			<i>For Curb Or Flange Base, Add</i>	531.39	
07 72 23 00-0039			Spun Aluminum, Stationary Mushroom Gravity Ventilators <small>(07 72 23)</small>		
			Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA		8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	200.12	40.55
			<i>For Backdraft Damper, Add</i>	93.87	
			<i>For Curb Base, Add</i>	149.99	
07 72 23 00-0041	EA		10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	244.07	45.06
			<i>For Backdraft Damper, Add</i>	102.71	
			<i>For Curb Base, Add</i>	164.20	
07 72 23 00-0042	EA		12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	277.64	54.06
			<i>For Backdraft Damper, Add</i>	140.26	
			<i>For Curb Base, Add</i>	207.42	
07 72 23 00-0043	EA		16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	335.33	59.48
			<i>For Backdraft Damper, Add</i>	160.14	
			<i>For Curb Base, Add</i>	239.53	
07 72 23 00-0044	EA		24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	853.25	81.11
			<i>For Backdraft Damper, Add</i>	201.00	
			<i>For Curb Base, Add</i>	316.10	
07 72 23 00-0045	EA		30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,039.39	93.72
			<i>For Backdraft Damper, Add</i>	237.44	
			<i>For Curb Base, Add</i>	377.04	
07 72 23 00-0046	EA		36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,406.76	108.14
			<i>For Backdraft Damper, Add</i>	237.44	
			<i>For Curb Base, Add</i>	394.95	
07 72 23 00-0047	EA		42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	1,960.50	117.15
			<i>For Backdraft Damper, Add</i>	248.49	
			<i>For Curb Base, Add</i>	410.56	
07 72 23 00-0048	EA		48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator	2,800.28	126.16
			<i>For Backdraft Damper, Add</i>	276.10	
			<i>For Curb Base, Add</i>	460.41	
07 72 23 00-0049			Galvanized Steel, Stationary Gooseneck Ventilators <small>(07 72 23)</small>		
			Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050	EA		8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	324.83	45.06
07 72 23 00-0051	EA		12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	385.88	59.48
07 72 23 00-0052	EA		16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	552.28	81.11
07 72 23 00-0053	EA		24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	833.48	93.72
07 72 26			Ridge Vents <small>(07 72)</small>		
07 72 26 00-0001			Aluminum Ridge Vents <small>(07 72 26)</small>		
07 72 26 00-0002	LF		Aluminum Ridge Vent Strips	7.73	2.62
07 72 26 00-0003	EA		Aluminum Ridge Univent Connectors	38.12	16.23
07 72 26 00-0004	EA		Aluminum Ridge Univent End Cap.....	36.97	16.23
07 72 26 00-0005			Galvanized Ridge Vents <small>(07 72 26)</small>		
07 72 26 00-0006	LF		Galvanized Sheet Metal Ridge Vent Strips.....	9.05	2.80
07 72 29			Rafter Vent <small>(07 72)</small>		
07 72 29 00-0001			Rafter Vent <small>(07 72 29)</small>		
			Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002	EA		22" x 4" Rafter Vent.....	6.80	
07 72 29 00-0003	EA		14" x 4" Rafter Vent.....	6.26	
07 72 33			Roof Hatches <small>(07 72)</small>		
			Note: Includes curb with integral insulation, lockable hatch and gaskets.		

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	-------	-------------	------------------------	----------------------

07 72 33 00-0001 Galvanized Steel Cover And Curb (07 72 33)				
07 72 33 00-0002	EA	2'-6" x 3'-0" Galvanized Steel Roof Hatch (Bilco S-20)	883.05	116.44
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch (Bilco NB-20).....	1,283.71	129.38
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch (Bilco L-20).....	2,251.62	176.45
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch (Bilco E-20)	1,263.07	129.38
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch.....	1,424.68	143.78
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch.....	2,326.28	196.10
07 72 33 00-0008 Aluminum Cover And Curb (07 72 33)				
07 72 33 00-0009	EA	2'-6" x 3'-0" Aluminum Roof Hatch (Bilco S-50)	998.34	116.44
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch (Bilco NB-50).....	1,301.24	129.38
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch (Bilco L-50).....	2,374.88	176.45
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch (Bilco E-50).....	1,274.22	129.38
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch (Bilco F-50)	2,284.86	143.78
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch.....	2,504.27	196.10
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight (Bilco GS-50).....	1,431.88	129.38
07 72 33 00-0016 Steel, Plain, Primed (07 72 33)				
07 72 33 00-0017	EA	2'-6" x 3'-0" Plain Steel Roof Hatch Primed (Bilco S-20).....	848.18	116.44
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed (Bilco NB-20).....	1,138.89	129.38
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed (Bilco L-20).....	1,559.97	176.45
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed (Bilco E-20).....	1,057.19	129.38
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,291.86	143.78
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed	1,755.14	196.10
07 72 33 00-0023 Stainless Steel (07 72 33)				
07 72 33 00-0024	EA	2'-6" x 3'-0" Stainless Steel Roof Hatch (Bilco S-90).....	2,244.26	116.44
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch (Bilco NB-90).....	4,310.58	129.38
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch (Bilco L-90).....	6,485.24	176.45
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch (Bilco E-90).....	3,456.68	129.38
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch	7,326.25	143.78
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch	8,200.36	196.10
07 72 33 00-0030 Remove And Reinstall Roof Hatch (07 72 33)				
Note: Includes storage, cleaning and supply materials.				
07 72 33 00-0031	EA	Remove And Reinstall Roof Hatch (All Types)	358.16	
07 72 33 00-0032 Aluminum Cover And Galvanized Steel Curb (07 72 33)				
07 72 33 00-0033	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof (Bilco S-40)	966.46	129.38
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof (Bilco NB-40).....	1,269.36	143.78
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof (Bilco L-40).....	2,292.00	196.02
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof (Bilco E-40)	1,248.72	133.43
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof (Bilco F-40).....	2,214.73	147.82
07 72 33 00-0038 Roof Hatch Accessories (07 72 33)				
07 72 33 00-0039	EA	Roof Hatch Ladderup Safety Post (Bilco LU-1).....	572.31	60.65
07 72 36 Smoke Vents (07 72)				
07 72 36 00-0001 Fire Vent (07 72 36)				
07 72 36 00-0002 Galvanized Steel Covers And Curb (07 72 36 00-0001)				
07 72 36 00-0003	EA	4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848).....	2,233.80	107.87
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872).....	2,573.38	148.30
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890).....	2,932.31	161.81
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896).....	2,990.94	169.90
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060).....	3,463.31	148.30
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072).....	3,682.77	161.81
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084).....	3,888.92	175.31
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096).....	4,427.16	188.82
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120).....	5,490.05	202.24
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666).....	3,683.04	175.31
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114).....	7,728.45	215.75
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272).....	4,248.73	229.25
07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb (07 72 36 00-0001)				
07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4848A)	2,227.42	107.87
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4872A).....	2,549.47	148.30
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4890A)	2,869.35	161.81
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-4896A).....	2,970.75	169.90
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6060A).....	2,887.38	148.30
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6072A)	3,691.80	161.81
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6084A)	3,947.90	175.31
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6096A).....	3,840.60	188.82
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-60120A)	5,403.71	202.24
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-6666A)	3,724.75	175.31

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0026	EA		5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-66144A)	7,094.35	215.75
07 72 36 00-0027	EA		6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent (Bilco DSH-7272A)	3,646.23	229.25
07 72 36 00-0028 Aluminum Covers And Curb (07 72 36 00-0001)					
07 72 36 00-0029	EA		4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4848B)	2,431.44	107.87
07 72 36 00-0030	EA		4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4872B)	2,887.38	148.30
07 72 36 00-0031	EA		4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4890B)	3,169.00	161.81
07 72 36 00-0032	EA		4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-4896B)	3,353.28	169.90
07 72 36 00-0033	EA		5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6060B)	3,040.40	148.30
07 72 36 00-0034	EA		5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6072B)	3,851.19	161.81
07 72 36 00-0035	EA		5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6084B)	4,088.16	175.31
07 72 36 00-0036	EA		5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6096B)	4,223.14	188.82
07 72 36 00-0037	EA		5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-60120B)	5,129.56	202.24
07 72 36 00-0038	EA		5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-6666B)	3,903.27	175.31
07 72 36 00-0039	EA		5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-66114B)	7,751.03	215.75
07 72 36 00-0040	EA		6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent (Bilco DSH-7272B)	4,028.77	229.25
07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb (07 72 36)					
07 72 36 00-0042	EA		4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4848B)	2,405.94	107.55
07 72 36 00-0043	EA		4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4872B)	3,046.77	148.30
07 72 36 00-0044	EA		4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV4896B)	3,219.38	169.90
07 72 36 00-0045	EA		5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6060B)	3,461.18	148.30
07 72 36 00-0046	EA		5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent (Bilco LV6096B)	3,649.35	188.82
07 72 46 Roof Walkways (07 72)					
07 72 46 00-0001 Recycled Rubber Walkway Pads (07 72 46)					
07 72 46 00-0002	SF		3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	7.11	1.89
			<i>For Diamond Surface, Add</i>	0.55	
07 72 46 00-0003	SF		1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	7.88	2.27
			<i>For Diamond Surface, Add</i>	0.64	
07 72 46 00-0004	SF		3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	8.70	2.27
			<i>For Diamond Surface, Add</i>	0.72	
07 72 53 Snow Guards (07 72)					
07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs (07 72 53)					
07 72 53 00-0002	EA		6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	13.00	1.84
07 72 53 00-0003	EA		6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	14.17	1.84
07 72 53 00-0004	EA		6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	13.40	1.84
07 72 53 00-0005	EA		6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	7.99	1.84
07 72 53 00-0006 Snow Guards For Metal Roofs (07 72 53)					
			Note: Aluminum construction.		
07 72 53 00-0007	EA		Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	16.46	3.22
07 72 53 00-0008	EA		Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	18.22	3.22
07 72 53 00-0009	EA		Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	26.57	3.22
07 72 53 00-0010	EA		Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	26.20	3.22
07 72 53 00-0011	EA		Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	24.77	3.76
07 72 53 00-0012	EA		Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	26.99	3.76
07 72 53 00-0013	EA		Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	33.52	3.76
07 72 53 00-0014	EA		Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	14.38	2.82
			<i>For Mechanically Fastened, Add</i>	5.63	
07 72 53 00-0015	EA		Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	16.21	2.82
			<i>For Mechanically Fastened, Add</i>	5.63	
07 72 53 00-0016	EA		Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	22.44	2.82
			<i>For Mechanically Fastened, Add</i>	5.63	
07 72 53 00-0017	EA		Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)	8.96	2.82
			Note: Can be used for metal, rubber, PVC, TPO or glass roofing.		
			<i>For Mechanically Fastened, Add</i>	7.51	
07 72 53 00-0018 Snow Breaker For Roofs (07 72 53)					
07 72 53 00-0019	EA		Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.97	3.76
07 72 53 00-0020	EA		>50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.41	3.76
07 72 53 00-0021	EA		>150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	10.13	3.76
07 72 53 00-0022	EA		>500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	9.80	3.76
07 72 53 00-0023 Ice Breaker For Vents (07 72 53)					
07 72 53 00-0024	EA		Ice Breaker For Vents Up to 4", Mechanically Fastened	79.76	
07 72 53 00-0025	EA		Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	91.42	

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

07 72 53 00-0026			Pipe Style, Snow Guards For Metal Roofs (07 72 53)		
07 72 53 00-0027			Pipe Style, Standing Seam Metal Roof Snow Guard Clamps (07 72 53 00-0026) Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0028	EA		Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	40.40	11.27
07 72 53 00-0029	EA		Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	47.28	11.27
07 72 53 00-0030	EA		Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000).....	52.77	11.27
07 72 53 00-0031	EA		Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000).....	64.59	11.27
07 72 53 00-0032	EA		Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000).....	67.31	13.52

07 72 53 00-0033			Tubing For Snow Guard Clamps (07 72 53 00-0026)		
07 72 53 00-0034	LF		1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®)..... Note: Includes end caps, collars and couplings.	8.56	2.71
07 72 53 00-0035	LF		1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®)..... Note: Includes end caps, collars and couplings.	15.86	2.71

07 72 56 Snow/Ice Melt (07 72)

07 72 56 00-0001			Self Regulating Heating Cable For Roofs And Gutters (07 72 56)		
07 72 56 00-0002	LF		12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters..... Note: Nickel-coated copper braided cable with weatherproof jacket.	8.88	0.86
07 72 56 00-0003	LF		12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters..... Note: Nickel-coated copper braided cable with weatherproof jacket.	9.53	0.86
07 72 56 00-0004	EA		Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters.....	165.99	64.58
07 72 56 00-0005	EA		Splice Kit For Self Regulating Heating Cable For Roofs And Gutters.....	125.70	47.36
07 72 56 00-0006	EA		Roof Clips For Self Regulating Heating Cable For Roofs And Gutters.....	16.28	2.58
			For >5, Deduct	-2.59	
07 72 56 00-0007	EA		Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters.....	60.04	6.45
07 72 56 00-0008	EA		120 Volt AC, Snow Switch, Automatic Control For Melting Snow.....	565.20	51.66
07 72 56 00-0009	EA		Automatic Gutter Ice Melting Control.....	772.28	64.58

07 72 63 Waste Containment Assemblies (07 72)

07 72 63 00-0001			Rooftop Oil And Grease Containment System (07 72 63)		
07 72 63 00-0002			Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)		
07 72 63 00-0003	EA		48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E).....	1,637.40	147.01
07 72 63 00-0004	EA		60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E).....	1,820.59	147.01
07 72 63 00-0005	EA		60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E).....	2,218.55	152.89
07 72 63 00-0006	EA		72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E).....	2,208.07	152.89
07 72 63 00-0007	EA		72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	2,865.24	165.39
07 72 63 00-0008	EA		72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	2,255.30	165.39
07 72 63 00-0009	EA		90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	2,519.94	195.96
07 72 63 00-0010	EA		108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	3,687.89	244.99
07 72 63 00-0011	EA		120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	4,546.52	244.99
07 72 63 00-0012	EA		144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	5,724.52	244.99

07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)

07 72 63 00-0014	EA		48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100).....	1,995.98	147.01
07 72 63 00-0015	EA		60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	2,234.21	147.01
07 72 63 00-0016	EA		60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	2,744.72	152.89
07 72 63 00-0017	EA		72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	2,791.85	152.89
07 72 63 00-0018	EA		72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	3,956.85	165.39
07 72 63 00-0019	EA		72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	4,331.19	165.39
07 72 63 00-0020	EA		90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	4,048.72	195.96
07 72 63 00-0021	EA		108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	4,572.70	244.99
07 72 63 00-0022	EA		120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	5,690.49	244.99
07 72 63 00-0023	EA		144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	7,221.88	244.99

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 72 Roof Accessories

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 72 63 00-0024	Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63) Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025	Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0026	Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)		
07 72 63 00-0027	SET 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	133.05	
07 72 63 00-0028	SET 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	185.41	
07 72 63 00-0029	SET 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	263.93	
07 72 63 00-0030	SET 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	245.12	
07 72 63 00-0031	SET 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	454.54	
07 72 63 00-0032	SET 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	459.77	
07 72 63 00-0033	SET 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	357.18	
07 72 63 00-0034	SET 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	461.89	
07 72 63 00-0035	SET 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	673.93	
07 72 63 00-0036	SET 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	885.97	
07 72 63 00-0037	Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
07 72 63 00-0038	Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0039	SET 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	274.96	
07 72 63 00-0040	SET 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	363.97	
07 72 63 00-0041	SET 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	526.28	
07 72 63 00-0042	SET 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	491.74	
07 72 63 00-0043	SET 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	939.38	
07 72 63 00-0044	SET 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	944.61	
07 72 63 00-0045	SET 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	703.28	
07 72 63 00-0046	SET 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	946.74	
07 72 63 00-0047	SET 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	1,383.90	
07 72 63 00-0048	SET 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	1,839.40	
07 72 63 00-0049	Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)		
07 72 63 00-0050	SET 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	340.41	
07 72 63 00-0051	SET 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	421.57	
07 72 63 00-0052	SET 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	615.28	
07 72 63 00-0053	SET 72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	583.36	
07 72 63 00-0054	SET 72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	1,130.47	
07 72 63 00-0055	SET 72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	1,125.24	
07 72 63 00-0056	SET 90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	823.71	
07 72 63 00-0057	SET 108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	1,137.83	
07 72 63 00-0058	SET 120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	1,593.33	
07 72 63 00-0059	SET 144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	2,213.74	
07 73	Roof Protection Board (07 70)		
07 73 00 00-0001	Roof Protection Board (Georgia-Pacific DensDeck®) (07 73)		

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

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are cold sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.

07 73 00 00-0002	SF	1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	2.31		0.37
		<i>For No Adhesive, Deduct</i>	-0.48		
		<i>For Hot-Mopped, Deduct</i>	-0.08		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.38		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.53		
07 73 00 00-0003	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	2.61		0.40
		<i>For No Adhesive, Deduct</i>	-0.49		
		<i>For Hot-Mopped, Deduct</i>	-0.07		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.43		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.58		
07 73 00 00-0004	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck®).....	2.75		0.44
		<i>For No Adhesive, Deduct</i>	-0.51		
		<i>For Hot-Mopped, Deduct</i>	-0.06		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.47		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.62		
07 73 00 00-0005	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	2.34		0.37
		<i>For No Adhesive, Deduct</i>	-0.48		
		<i>For Hot-Mopped, Deduct</i>	-0.08		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.38		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.53		
07 73 00 00-0006	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	2.66		0.40
		<i>For No Adhesive, Deduct</i>	-0.49		
		<i>For Hot-Mopped, Deduct</i>	-0.07		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.43		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.58		
07 73 00 00-0007	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board (Georgia-Pacific DensDeck® Prime).....	2.80		0.44
		<i>For No Adhesive, Deduct</i>	-0.51		
		<i>For Hot-Mopped, Deduct</i>	-0.06		
		<i>For Mechanically Fastened To Wood Or Steel, Deduct</i>	-0.14		
		<i>For Mechanically Fastened To Concrete, Add</i>	0.47		
		<i>For Mechanically Fastened To Gypsum, Add</i>	0.62		

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver.....	10.58		4.92
		<i>For 1-1/2" Thickness, Deduct</i>	-0.86		
		<i>For 2-1/2" Thickness, Add</i>	0.86		
		<i>For 3" Thickness, Add</i>	1.72		
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver.....	9.05		3.71
		<i>For 1-1/2" Thickness, Deduct</i>	-0.72		
		<i>For 2-1/2" Thickness, Add</i>	0.72		
		<i>For 3" Thickness, Add</i>	1.44		
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver.....	7.79		2.95
		<i>For 1-1/2" Thickness, Deduct</i>	-0.60		
		<i>For 2-1/2" Thickness, Add</i>	0.60		
		<i>For 3" Thickness, Add</i>	1.20		
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver.....	6.99		2.57
		<i>For 1-1/2" Thickness, Deduct</i>	-0.53		
		<i>For 2-1/2" Thickness, Add</i>	0.53		
		<i>For 3" Thickness, Add</i>	1.06		
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver.....	6.45		2.35
		<i>For 1-1/2" Thickness, Deduct</i>	-0.49		
		<i>For 2-1/2" Thickness, Add</i>	0.49		
		<i>For 3" Thickness, Add</i>	0.98		

07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator).....	13.71		0.73
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator).....	14.44		0.73
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator).....	15.18		0.73
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	7.52		0.73
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator).....	7.04		0.73
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....	7.19		0.73
		Note: Stackable.			
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal.....	4.01		0.73
		Note: Used with High Tab and Elevator pedestals.			
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....	5.54		0.73
		Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.			

07 76 19 Composite Insulation Concrete Protection Board (07 76)

07 Thermal And Moisture Protection
07 70 Roof And Wall Specialties And Accessories
07 76 Roof Pavers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0001	Composite Insulation Concrete Protection Board (07 76 19)		
	Note: Manufactured by T. Clear Corp. 25 year warranty.		
07 76 19 00-0002	SF 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	3.28	
	For 20 Year Warranty, Deduct	-0.18	
	For 15 Year Warranty, Deduct	-0.36	
	For 10 Year Warranty, Deduct	-0.49	
	For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0003	SF 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	4.23	
	For 20 Year Warranty, Deduct	-0.26	
	For 15 Year Warranty, Deduct	-0.52	
	For 10 Year Warranty, Deduct	-0.70	
	For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0004	SF 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	4.98	
	For 20 Year Warranty, Deduct	-0.30	
	For 15 Year Warranty, Deduct	-0.60	
	For 10 Year Warranty, Deduct	-0.81	
	For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0005	SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	5.98	
	For 20 Year Warranty, Deduct	-0.37	
	For 15 Year Warranty, Deduct	-0.75	
	For 10 Year Warranty, Deduct	-1.02	
	For Winds >90 MPH To 120 MPH Warranty, Add	0.10	

07 80 Fire And Smoke Protection (07)

07 81 Applied Fireproofing (07 80)

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing (07 81)

07 81 16 00-0001	Cementitious Fireproofing (07 81 16)		
07 81 16 00-0002	Spray On Ceiling (Metal Decking Corrugated Or Fluted) (07 81 16 00-0001)		
07 81 16 00-0003	SF Spray Fireproofing For Ceiling, 1 Hour Rated 1/2" Thick Coverage	1.00	0.55
07 81 16 00-0004	SF Spray Fireproofing For Ceiling, 2 Hour Rated 7/8" Thick Coverage	1.40	0.65
07 81 16 00-0005	Spray On Roofs And Beams (07 81 16 00-0001)		
07 81 16 00-0006	SF Spray Fireproofing For Beams And Roofs, 1 Hour Rated 1-3/8" Thick Coverage	2.07	0.80
07 81 16 00-0007	SF Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-1/2" Thick Coverage	2.23	0.87
07 81 16 00-0008	SF Spray Fireproofing For Beams And Roofs, 2 Hour Rated 1-5/8" Thick Coverage	2.34	0.90
07 81 16 00-0009	Spray On Beams (Min. W8x24) (07 81 16 00-0001)		
07 81 16 00-0010	SF Spray Fireproofing For Beams, 1 Hour Rated 7/16" Thick Coverage (Min W8x24)	0.86	0.43
07 81 16 00-0011	SF Spray Fireproofing For Beams, 2 Hour Rated 1/2" Thick Coverage (Min W8x24)	1.05	0.55
07 81 16 00-0012	SF Spray Fireproofing For Beams, 3 Hour Rated 7/8" Thick Coverage (Min W8x24)	1.50	0.65
07 81 16 00-0013	SF Spray Fireproofing For Beams, 4 Hour Rated 1-1/4" Thick Coverage (Min W8x24)	1.98	0.76
07 81 16 00-0014	Spray On Columns (W10x49) (07 81 16 00-0001)		
07 81 16 00-0015	SF Spray Fireproofing For Columns, 1 Hour Rated 1-3/16" Thick Coverage (W10x49)	1.95	0.72
07 81 16 00-0016	SF Spray Fireproofing For Columns, 2 Hour Rated 1-1/4" Thick Coverage (W10x49)	2.12	0.76
07 81 16 00-0017	SF Spray Fireproofing For Columns, 3 Hour Rated 1-7/8" Thick Coverage (W10x49)	2.74	0.90
07 81 16 00-0018	SF Spray Fireproofing For Columns, 4 Hour Rated 2-1/2" Thick Coverage (W10x49)	3.58	1.08
07 81 16 00-0019	Spray On Columns (W14x228) (07 81 16 00-0001)		
07 81 16 00-0020	SF Spray Fireproofing For Columns, 2 Hour Rated 5/8" Thick Coverage (W14x228)	1.25	0.55
07 81 16 00-0021	SF Spray Fireproofing For Columns, 3 Hour Rated 7/8" Thick Coverage (W14x228)	1.60	0.65
07 81 16 00-0022	SF Spray Fireproofing For Columns, 4 Hour Rated 1-1/4" Thick Coverage (W14x228)	2.12	0.80
07 81 16 00-0023	Gunite Fireproofing (07 81 16)		
07 81 16 00-0024	SF Fireproofing, Gunite, Non Reinforced, 1" Thick	2.23	0.49
07 81 16 00-0025	SF Fireproofing, Gunite, Reinforced, 1" Thick	3.17	0.49
07 81 16 00-0026	Monokote Fireproofing (07 81 16)		
07 81 16 00-0027	CSF Monokote Fireproofing For Structural Steel	217.54	79.12
	Note: Per inch of thickness.		
07 81 16 00-0028	CSF Monokote Fireproofing For Columns	202.94	1.08
	Note: Per inch of thickness.		
07 81 16 00-0029	CSF Monokote Fireproofing For Ceiling/Decking	156.42	52.99
	Note: Per inch of thickness.		
07 81 23 Intumescent Fireproofing (07 81)			
07 81 23 00-0001	Intumescent Thin Film Fireproofing (Albi Clad TF) (07 81 23)		
07 81 23 00-0002	Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) (07 81 23 00-0001)		
	Note: Excludes primer.		

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

07 81 23 00-0003	SF	1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	9.05		
		For > 10,000 SF, Deduct	-0.85		
07 81 23 00-0004	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	14.38		
		For > 10,000 SF, Deduct	-1.38		

07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad

TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0006	SF	1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	6.01		
		For > 10,000 SF, Deduct	-0.55		
07 81 23 00-0007	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	12.94		
		For > 10,000 SF, Deduct	-1.24		
07 81 23 00-0008	SF	2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	28.86		
		For > 10,000 SF, Deduct	-2.82		
07 81 23 00-0009	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	39.62		
		For > 10,000 SF, Deduct	-3.90		
07 81 23 00-0010	SF	3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	50.38		
		For > 10,000 SF, Deduct	-4.97		
07 81 23 00-0011	SF	3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)	61.14		
		For > 10,000 SF, Deduct	-6.04		

07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad

TF) (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0013	SF	1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	11.80		
		For > 10,000 SF, Deduct	-1.12		
07 81 23 00-0014	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	21.66		
		For > 10,000 SF, Deduct	-2.11		
07 81 23 00-0015	SF	2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	34.20		
		For > 10,000 SF, Deduct	-3.36		
07 81 23 00-0016	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	47.65		
		For > 10,000 SF, Deduct	-4.70		
07 81 23 00-0017	SF	3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)	60.19		
		For > 10,000 SF, Deduct	-5.95		

07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) (07 81 23)

07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) (07 81 23 00-0018)

Note: Excludes primer.

07 81 23 00-0020	SF	1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	5.74		
		For > 10,000 SF, Deduct	-0.54		
07 81 23 00-0021	SF	1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	12.81		
		For > 10,000 SF, Deduct	-1.24		
07 81 23 00-0022	SF	2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	29.08		
		For > 10,000 SF, Deduct	-2.86		
07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	40.05		
		For > 10,000 SF, Deduct	-3.96		
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	51.03		
		For > 10,000 SF, Deduct	-5.05		

07 81 33 Mineral-Fiber Fireproofing (07 81)

07 81 33 00-0001 Cellulose Fireproofing (07 81 33)

07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness	1.73		0.49
------------------	----	---	------	--	------

07 82 Board Fireproofing (07 80)

Note: Type A: 1 hour rating. See CSI section 09 23 13 00-0001 for plaster casing and corner bead, 09 29 00 00-0072 for gypsum board casing and corner bead.

07 82 00 00-0001 Fireproofing On Columns (07 82)

07 82 00 00-0002 Up To 4,500 SF, Fireproofing On Columns (07 82 00 00-0001)

07 82 00 00-0003	CSF	Lath And Cement Plaster, 1 Hour, Mk A, Up To 4,500 SF, Fireproofing On Columns	1,068.47		741.81
07 82 00 00-0004	CSF	Lath And Cement Plaster, 2 Hour, Mk B, Up To 4,500 SF, Fireproofing On Columns	1,925.33		1,324.66
07 82 00 00-0005	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, Up To 4,500, Fireproofing On Columns	1,708.39		1,165.70
07 82 00 00-0006	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, Up To 4,500 SF, Fireproofing On Columns	1,103.73		688.82
07 82 00 00-0007	CSF	Lath And Gypsum Plaster, 4 Hour, Mk E, Up To 4,500 SF, Fireproofing On Columns	873.15		582.85
07 82 00 00-0008	CSF	Gypsum Board, 2 Hour, Mk F, Up To 4,500 SF, Fireproofing On Columns	1,369.10		900.77
07 82 00 00-0009	CSF	Gypsum Board, 2 Hour, Mk G, Up To 4,500 SF, Fireproofing On Columns	787.49		476.87

07 82 00 00-0010 >4,500 SF, Fireproofing On Columns (07 82 00 00-0001)

07 82 00 00-0011	CSF	Lath And Cement Plaster, 1 Hour, Mk A >4,500 SF, Fireproofing On Columns	1,093.30		741.81
07 82 00 00-0012	CSF	Lath And Cement Plaster, 2 Hour, Mk B, >4,500 SF, Fireproofing On Columns	1,974.98		1,324.66
07 82 00 00-0013	CSF	Lath And Vermiculite Concrete, 4 Hour, Mk C, >4,500 SF, Fireproofing On Columns	1,835.05		1,165.70

07 Thermal And Moisture Protection**07 80 Fire And Smoke Protection****07 82 Board Fireproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 82 00 00-0014	CSF	Lath And Gypsum Plaster, 4 Hour, Mk D, >4,500 SF, Fireproofing On Columns.....	1,022.03	688.82
07 82 00 00-0015	CSF	Lath And Gypsum Plaster, 2 Hour, Mk E, >4,500 SF, Fireproofing On Columns.....	831.02	582.85
07 82 00 00-0016	CSF	Gypsum Board, 2 Hour, Mk F, >4,500 SF, Fireproofing On Columns.....	1,350.48	900.77
07 82 00 00-0017	CSF	Gypsum Board, 2 Hour, Mk G, >4,500 SF, Fireproofing On Columns.....	770.63	476.87

07 84 Firestopping (07 80)**07 84 13 Penetration Firestopping** (07 84)**07 84 13 16 Penetration Firestopping Devices** (07 84 13)**07 84 13 16-0001 Firestopping Systems For Cable Penetrations** (07 84 13 16)**07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations** (07 84 13 16-0001)

Note: Includes putty, escutcheon plates, gaskets and bushings.

07 84 13 16-0003	EA	1" Diameter Intumescent Firestop Sleeve (STI FS100).....	46.18	
07 84 13 16-0004	EA	2" Diameter Intumescent Firestop Sleeve (STI FS201).....	62.58	
07 84 13 16-0005	EA	4" Diameter Intumescent Firestop Sleeve (STI FS401).....	102.50	

07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations (07 84 13 16-0001)

Note: Includes putty and mounting plates.

07 84 13 16-0007	EA	1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22).....	85.66	
07 84 13 16-0008	EA	3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS).....	151.16	
07 84 13 16-0009	EA	4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44).....	277.89	

07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device (07 84 13 16)

07 84 13 16-0011	EA	2.5" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	193.51	
07 84 13 16-0012	EA	4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD).....	179.02	
07 84 13 16-0013	EA	4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD).....	184.52	

07 84 13 16-0014 Intumescent Firestopping Pipe Collar (07 84 13 16)

07 84 13 16-0015	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5).....	29.51	8.45
07 84 13 16-0016	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0).....	35.58	8.45
07 84 13 16-0017	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0).....	41.40	9.30
07 84 13 16-0018	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0).....	64.80	10.57
07 84 13 16-0019	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8").....	318.41	12.68
07 84 13 16-0020	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10").....	411.37	13.95

07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.) (07 84 13 16)

Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.

07 84 13 16-0022	EA	12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9).....	100.86	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.				
07 84 13 16-0023	EA	15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9).....	106.12	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.				
07 84 13 16-0024	EA	11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH).....	199.24	
Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.				
07 84 13 16-0025	EA	14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3).....	129.26	
Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.				

07 84 13 16-0026 Intumescent Firestopping Wrap Strips (07 84 13 16)

07 84 13 16-0027	LF	1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series).....	4.71	
------------------	----	---	------	--

07 84 13 19 Penetration Firestopping Caulk (07 84 13)**07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (Hilti)** (07 84 13 19)

Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.

07 84 13 19-0002	EA	1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	15.95	
For Intumescent Sealant For Plastic Pipe, Add			0.05	
07 84 13 19-0003	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	19.67	
For Intumescent Sealant For Plastic Pipe, Add			0.28	
07 84 13 19-0004	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	19.49	
For Intumescent Sealant For Plastic Pipe, Add			0.20	
07 84 13 19-0005	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant.....	19.20	
For Intumescent Sealant For Plastic Pipe, Add			0.09	
07 84 13 19-0006	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	22.83	
For Intumescent Sealant For Plastic Pipe, Add			0.59	
07 84 13 19-0007	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant.....	22.66	
For Intumescent Sealant For Plastic Pipe, Add			0.52	
07 84 13 19-0008	EA	2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant.....	22.37	
For Intumescent Sealant For Plastic Pipe, Add			0.40	
07 84 13 19-0009	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant.....	21.92	
For Intumescent Sealant For Plastic Pipe, Add			0.22	
07 84 13 19-0010	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	21.53	
For Intumescent Sealant For Plastic Pipe, Add			0.07	
07 84 13 19-0011	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant.....	27.78	
For Intumescent Sealant For Plastic Pipe, Add			0.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0012	EA		2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	27.61 0.92	
07 84 13 19-0013	EA		2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	27.32 0.80	
07 84 13 19-0014	EA		2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	26.87 0.62	
07 84 13 19-0015	EA		2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	26.49 0.47	
07 84 13 19-0016	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	25.58 0.11	
07 84 13 19-0017	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	38.29 2.66	
07 84 13 19-0018	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	35.16 1.41	
07 84 13 19-0019	EA		3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	34.87 1.30	
07 84 13 19-0020	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	34.42 1.12	
07 84 13 19-0021	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	34.04 0.96	
07 84 13 19-0022	EA		3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	33.13 0.60	
07 84 13 19-0023	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	31.96 0.13	
07 84 13 19-0024	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	51.84 4.92	
07 84 13 19-0025	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	51.52 4.79	
07 84 13 19-0026	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	51.00 4.58	
07 84 13 19-0027	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	50.19 4.26	
07 84 13 19-0028	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	49.50 3.98	
07 84 13 19-0029	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	44.17 1.85	
07 84 13 19-0030	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	43.00 1.38	
07 84 13 19-0031	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	41.21 0.67	
07 84 13 19-0032	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	83.73 11.35	
07 84 13 19-0033	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	83.42 11.22	
07 84 13 19-0034	EA		6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	82.90 11.02	
07 84 13 19-0035	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	82.09 10.69	
07 84 13 19-0036	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	81.40 10.42	
07 84 13 19-0037	EA		6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	79.77 9.76	
07 84 13 19-0038	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	77.66 8.92	
07 84 13 19-0039	EA		6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	74.46 7.64	
07 84 13 19-0040	EA		6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	62.40 2.82	
07 84 13 19-0041	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	112.04 17.92	
07 84 13 19-0042	EA		8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	108.83 16.64	
07 84 13 19-0043	EA		8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	102.40 14.07	
07 84 13 19-0044	EA		8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	76.18 3.58	
07 84 13 19-0045	EA		10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	143.21 25.65	
07 84 13 19-0046	EA		10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	124.14 18.02	
07 84 13 19-0047	EA		10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant <i>For Intumescent Sealant For Plastic Pipe, Add</i>	90.49 4.56	
07 84 13 19-0048			Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations <small>(07 84 13 19)</small> Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.		
07 84 13 19-0049	EA		1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.22	
07 84 13 19-0050	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.15	
07 84 13 19-0051	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	19.06	
07 84 13 19-0052	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	21.85	
07 84 13 19-0053	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	21.78	

07 Thermal And Moisture Protection**07 80 Fire And Smoke Protection****07 84 Firestopping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 84 13 19-0054	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	21.69
07 84 13 19-0055	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	21.55
07 84 13 19-0056	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	21.43
07 84 13 19-0057	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.16
07 84 13 19-0058	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.10
07 84 13 19-0059	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.00
07 84 13 19-0060	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.87
07 84 13 19-0061	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.74
07 84 13 19-0062	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	25.43
07 84 13 19-0063	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.89
07 84 13 19-0064	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.83
07 84 13 19-0065	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.74
07 84 13 19-0066	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.59
07 84 13 19-0067	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.47
07 84 13 19-0068	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	32.16
07 84 13 19-0069	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	31.73
07 84 13 19-0070	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.89
07 84 13 19-0071	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.82
07 84 13 19-0072	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.73
07 84 13 19-0073	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.58
07 84 13 19-0074	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.43
07 84 13 19-0075	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	41.12
07 84 13 19-0076	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	40.72
07 84 13 19-0077	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	40.10
07 84 13 19-0078	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.77
07 84 13 19-0079	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.70
07 84 13 19-0080	EA	6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.61
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.47
07 84 13 19-0082	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.35
07 84 13 19-0083	EA	6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.04
07 84 13 19-0084	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	59.60
07 84 13 19-0085	EA	6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	59.02
07 84 13 19-0086	EA	6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.75
07 84 13 19-0087	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	75.78
07 84 13 19-0088	EA	8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	75.19
07 84 13 19-0089	EA	8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	73.92
07 84 13 19-0090	EA	8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	70.33
07 84 13 19-0091	EA	10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	91.32
07 84 13 19-0092	EA	10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.73
07 84 13 19-0093	EA	10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	82.97

07 84 16 Annular Space Protection (07 84)

07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)

07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)

07 84 16 00-0003	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	25.46
07 84 16 00-0004	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	36.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	38.26	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	39.84	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	41.42	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	52.66	
07 84 16 00-0009			Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)		
07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276)	10.24	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274)	10.64	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272)	9.89	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270)	10.67	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266)	10.37	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265)	9.94	
07 84 16 00-0016			Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)		
07 84 16 00-0017	EA		2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249)	27.04	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269)	29.02	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369)	31.46	
07 84 16 00-0020			Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)		
			Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.		
07 84 16 00-0021	EA		16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28)	242.85	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2)	344.25	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3)	467.58	
07 84 16 00-0024			Endothermic Mat Wrap Fire Barrier (07 84 16)		
			Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.		
07 84 16 00-0025	SF		0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4)	36.44	
07 84 16 00-0026			Firestopping Caulk For Filling Opening (07 84 16)		
07 84 16 00-0027	GAL		Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+)	137.21	
07 84 16 00-0028			Firestopping Mortar For Filling Opening (07 84 16)		
07 84 16 00-0029	CF		Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series)	126.31	
07 84 23			Silicone Firestopping Foams (07 84)		
07 84 23 00-0001			Silicone RTV Foam Seal For Blank Openings (07 84 23)		
07 84 23 00-0002	EA		2" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	31.85	
07 84 23 00-0003	EA		4" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	78.14	
07 84 23 00-0004	EA		6" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	140.41	
07 84 23 00-0005	EA		8" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	216.91	
07 84 23 00-0006	EA		10" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	311.63	
07 84 23 00-0007	EA		12" Diameter Hole Sealed With RTV Silicone Fire Barrier Foam	420.66	
07 84 43			Joint Firestopping (07 84)		
07 84 43 00-0001			Intumescent Firestopping Sealant For Joints (07 84 43)		
07 84 43 00-0002	CLF		1/4" x 1/4" Joint, Intumescent Firestop Sealant	321.36	126.53
07 84 43 00-0003	CLF		1/4" x 3/8" Joint, Intumescent Firestop Sealant	371.28	134.45
07 84 43 00-0004	CLF		1/4" x 1/2" Joint, Intumescent Firestop Sealant	405.41	134.45
07 84 43 00-0005	CLF		3/8" x 3/8" Joint, Intumescent Firestop Sealant	422.48	134.45
07 84 43 00-0006	CLF		3/8" x 1/2" Joint, Intumescent Firestop Sealant	473.69	134.45
07 84 43 00-0007	CLF		3/8" x 5/8" Joint, Intumescent Firestop Sealant	540.76	142.37
07 84 43 00-0008	CLF		3/8" x 3/4" Joint, Intumescent Firestop Sealant	607.72	150.26
07 84 43 00-0009	CLF		1/2" x 1/2" Joint, Intumescent Firestop Sealant	557.83	142.37
07 84 43 00-0010	CLF		1/2" x 5/8" Joint, Intumescent Firestop Sealant	657.73	158.17
07 84 43 00-0011	CLF		1/2" x 3/4" Joint, Intumescent Firestop Sealant	741.84	166.09
07 84 43 00-0012	CLF		1/2" x 7/8" Joint, Intumescent Firestop Sealant	825.90	173.99
07 84 43 00-0013	CLF		1/2" x 1" Joint, Intumescent Firestop Sealant	1,020.80	237.24
07 84 43 00-0014	CLF		3/4" x 3/4" Joint, Intumescent Firestop Sealant	1,120.67	253.10
07 84 43 00-0015	CLF		1" x 1" Joint, Intumescent Firestop Sealant	1,614.36	260.98
07 84 43 00-0016			Passive Smoke And Fire Protection Sealant For Joints (07 84 43)		
07 84 43 00-0017	CLF		1/4" x 1/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	292.69	126.53
07 84 43 00-0018	CLF		1/4" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	328.25	134.45
07 84 43 00-0019	CLF		1/4" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	348.04	134.45
07 84 43 00-0020	CLF		3/8" x 3/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	357.94	134.45
07 84 43 00-0021	CLF		3/8" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	387.63	134.45
07 84 43 00-0022	CLF		3/8" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	433.20	142.37

07 Thermal And Moisture Protection**07 80 Fire And Smoke Protection****07 84 Firestopping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 84 43 00-0023	CLF	3/8" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	478.64	150.26
07 84 43 00-0024	CLF	1/2" x 1/2" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	443.10	142.37
07 84 43 00-0025	CLF	1/2" x 5/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	514.31	158.17
07 84 43 00-0026	CLF	1/2" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	569.74	166.09
07 84 43 00-0027	CLF	1/2" x 7/8" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	625.11	173.99
07 84 43 00-0028	CLF	1/2" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	791.33	237.24
07 84 43 00-0029	CLF	3/4" x 3/4" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	862.51	253.10
07 84 43 00-0030	CLF	1" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	1,155.42	260.98

07 84 56 Fire Safing (07 84)**07 84 56 13 Fibrous Fire Safing (07 84 56)****07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)**

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	7.85	
		<i>For Work In Restricted Working Space, Add</i>	1.06	
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	12.50	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		<i>For Work In Restricted Working Space, Add</i>	1.06	
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	13.62	
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
		<i>For Work In Restricted Working Space, Add</i>	1.06	

07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)

07 84 56 13-0006	SF	1/2" Thermal Ceramics FireMaster Blanket Wrap	13.59	7.91
		<i>For Work In Restricted Working Space, Add</i>	3.18	
		<i>For >500 To 5,000, Deduct</i>	-1.22	
		<i>For >5,000, Deduct</i>	-2.17	
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap	16.07	7.91
		<i>For Work In Restricted Working Space, Add</i>	3.18	
		<i>For >500 To 5,000, Deduct</i>	-1.79	
		<i>For >5,000, Deduct</i>	-3.09	
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap	18.79	7.91
		<i>For Work In Restricted Working Space, Add</i>	3.18	
		<i>For >500 To 5,000, Deduct</i>	-2.42	
		<i>For >5,000, Deduct</i>	-4.09	
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap	21.51	7.91
		<i>For Work In Restricted Working Space, Add</i>	3.18	
		<i>For >500 To 5,000, Deduct</i>	-3.04	
		<i>For >5,000, Deduct</i>	-5.10	

07 90 Joint Protection (07)**07 91 Preformed Joint Seals (07 90)****07 91 23 Backer Rods (07 91)****07 91 23 00-0001 Backer Rods (07 91 23)**

07 91 23 00-0002	LF	1/4" Polyethylene Or Polyurethane Backer Rod	1.18	0.37
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod	1.27	0.37
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod	1.37	0.37
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod	1.45	0.37
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod	1.51	0.44
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod	1.60	0.44
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod	1.76	0.44
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod	1.93	0.51
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod	2.15	0.59
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod	2.53	0.66
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod	3.81	0.80

07 91 26 Joint Fillers (07 91)**07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)**

07 91 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	1.48	0.44
		<i>For Coloring, Add</i>	0.00	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	4.24	1.25
		<i>For Coloring, Add</i>	0.02	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	4.83	1.33
		<i>For Coloring, Add</i>	0.03	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	4.92	1.40
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	4.47	1.55

07 91 26 00-0007 Closed Cell Neoprene (07 91 26)

07 91 26 00-0008	CLF	1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	296.67	84.82
------------------	-----	---	--------	-------

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0009	CLF		1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	492.12	122.53
07 91 26 00-0010	CLF		1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	385.03	105.04
07 91 26 00-0011	CLF		1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	455.93	110.25
07 91 26 00-0012	CLF		1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	694.74	169.64
07 91 26 00-0013	CLF		1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	806.43	183.76
07 91 26 00-0014	CLF		1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	767.87	133.63
07 91 26 00-0015			Closed Cell Polyvinyl Chloride (07 91 26)		
07 91 26 00-0016	CLF		1/8" x 3" Polyethylene Joint Backing, Closed Cell	299.54	105.04
07 91 26 00-0017	CLF		1/8" x 6" Polyethylene Joint Backing, Closed Cell	509.32	169.64
07 91 26 00-0018	CLF		1/4" x 3" Polyethylene Joint Backing, Closed Cell	392.35	144.81
07 91 26 00-0019	CLF		1/4" x 6" Polyethylene Joint Backing, Closed Cell	474.09	152.89
07 91 26 00-0020	CLF		1/2" x 6" Polyethylene Joint Backing, Closed Cell	721.66	234.48
07 91 26 00-0021	CLF		1/2" x 9" Polyethylene Joint Backing, Closed Cell	846.24	254.48
07 91 26 00-0022	CLF		1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,123.00	305.04
07 91 26 00-0023			Silicon RTV Foam Penetration Seal (07 91 26)		
07 91 26 00-0024	CLF		1/4" x 1/2" Silicon RTV Foam Seal	114.72	16.83
07 91 26 00-0025	CLF		1/2" x 1/2" Silicon RTV Foam Seal	229.43	33.59
07 91 26 00-0026	CLF		1/2" x 3/4" Silicon RTV Foam Seal	342.26	49.91
07 91 26 00-0027	CLF		3/4" x 3/4" Silicon RTV Foam Seal	488.25	67.26
07 91 26 00-0028	CLF		1/8" x 1" Silicon RTV Foam Seal	114.72	16.83
07 91 26 00-0029	CLF		1/8" x 3" Silicon RTV Foam Seal	341.96	49.76
07 91 26 00-0030	CLF		1/4" x 3" Silicon RTV Foam Seal	601.18	74.76
07 91 26 00-0031	CLF		1/4" x 6" Silicon RTV Foam Seal	1,201.06	148.99
07 91 26 00-0032	CLF		1/2" x 6" Silicon RTV Foam Seal	2,300.87	268.95
07 91 26 00-0033	CLF		1/2" x 9" Silicon RTV Foam Seal	3,505.35	420.15
07 91 26 00-0034	CLF		1/2" x 12" Silicon RTV Foam Seal	5,058.58	672.27
07 91 26 00-0035			Seals O-Ring Type Cord "J-Seal" (07 91 26)		
07 91 26 00-0036	LF		1/4" Seals O-Ring Cord, J-Seal	3.14	0.95
07 91 26 00-0037	LF		1/2" Seals O-Ring Cord, J-Seal	3.33	0.95
07 91 26 00-0038	LF		3/4" Seals O-Ring Cord, J-Seal	3.52	1.02
07 91 26 00-0039	LF		1" Seals O-Ring Cord, J-Seal	3.73	1.10
07 91 26 00-0040	LF		1-1/4" Seals O-Ring Cord, J-Seal	4.01	1.18
07 91 26 00-0041	LF		1-1/2" Seals O-Ring Cord, J-Seal	4.21	1.18
07 91 26 00-0042	LF		1-3/4" Seals O-Ring Cord, J-Seal	4.47	1.25
07 91 26 00-0043	LF		2" Seals O-Ring Cord, J-Seal	4.64	1.25
07 91 33			Expansion Joint Seal Systems (07 91)		
07 91 33 00-0001			Expansion Joint Seal Systems (Wabo®) (07 91 33)		
07 91 33 00-0002			Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)		
Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.					
07 91 33 00-0003	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH)	51.18	5.03
07 91 33 00-0004	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH)	67.60	5.26
07 91 33 00-0005	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	84.89	5.50
07 91 33 00-0006	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH)	104.14	5.75
07 91 33 00-0007	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH)	134.22	5.98
07 91 33 00-0008	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH)	153.77	6.23
07 91 33 00-0009	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	177.99	6.46
07 91 33 00-0010			Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)		
Note: Includes preformed neoprene joint seal and lubricant adhesive.					
07 91 33 00-0011	LF		0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162)	27.63	5.03
07 91 33 00-0012	LF		0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175)	29.93	5.10
07 91 33 00-0013	LF		0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200)	35.61	5.17
07 91 33 00-0014	LF		0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225)	37.65	5.26
07 91 33 00-0015	LF		1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250)	40.06	5.33
07 91 33 00-0016	LF		1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300)	48.43	5.41
07 91 33 00-0017	LF		1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350)	59.05	5.50
07 91 33 00-0018	LF		1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400)	69.40	5.75

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Prefomed Joint Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 91 33 00-0019	LF	1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	78.26	5.98
07 91 33 00-0020 Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)				
Note: Includes prefomed Santoprene® joint seal and lubricant adhesive.				
07 91 33 00-0021	LF	0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	23.62	5.03
07 91 33 00-0022	LF	0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	29.95	5.26
07 91 33 00-0023	LF	1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	36.16	5.50
07 91 33 00-0024	LF	1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	38.09	5.63
07 91 33 00-0025	LF	1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	41.96	5.75
07 91 33 00-0026	LF	1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	58.85	5.98
07 91 33 00-0027	LF	1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	79.70	6.23
07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)				
Note: Includes a pre-compressed foam seal and silicone sealant.				
07 91 33 00-0029	LF	1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	18.52	1.99
07 91 33 00-0030	LF	3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	30.60	2.07
07 91 33 00-0031	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	45.74	2.15
07 91 33 00-0032	LF	1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	57.50	2.23
07 91 33 00-0033	LF	1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	75.44	2.32
07 91 33 00-0034	LF	1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	99.56	2.40
07 91 33 00-0035	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	121.96	2.47
07 91 33 00-0036	LF	2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	164.20	2.55
07 91 33 00-0037	LF	3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	191.57	2.63
07 91 33 00-0038 Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001)				
Note: Includes a pre-compressed foam seal and silicone sealant.				
07 91 33 00-0039	LF	0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	18.09	1.99
07 91 33 00-0040	LF	1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	23.66	2.07
07 91 33 00-0041	LF	1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	31.53	2.15
07 91 33 00-0042	LF	1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	42.53	2.23
07 91 33 00-0043	LF	2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	48.44	2.32
07 91 33 00-0044	LF	2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	66.92	2.40
07 91 33 00-0045	LF	3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	89.64	2.47
07 91 33 00-0046	LF	3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Prefomed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	96.75	2.55
07 92 Joint Sealants (07 90)				
07 92 13 Elastomeric Joint Sealants (07 92)				
07 92 13 00-0001 Silicone Sealants And Caulking (07 92 13)				
07 92 13 00-0002	CLF	1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	294.64	126.54
		For Coloring, Add	14.96	
		For 1 Part Mildew Resistant, Add	14.55	
		For High-Modulus Non-Acid Curing, Add	8.31	
07 92 13 00-0003	CLF	1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	323.33	130.50
		For Coloring, Add	22.44	
		For 1 Part Mildew Resistant, Add	21.82	
		For High-Modulus Non-Acid Curing, Add	12.47	
07 92 13 00-0004	CLF	1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	351.98	134.45
		For Coloring, Add	29.92	
		For 1 Part Mildew Resistant, Add	29.09	
		For High-Modulus Non-Acid Curing, Add	16.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0005			CLF 3/8" x 3/8" Joint, Silicone Sealant And Caulking	362.37	134.45
			For Coloring, Add	33.66	
			For 1 Part Mildew Resistant, Add	32.73	
			For High-Modulus Non-Acid Curing, Add	18.70	
07 92 13 00-0006			CLF 3/8" x 1/2" Joint, Silicone Sealant And Caulking	401.51	138.40
			For Coloring, Add	44.88	
			For 1 Part Mildew Resistant, Add	43.63	
			For High-Modulus Non-Acid Curing, Add	24.93	
07 92 13 00-0007			CLF 3/8" x 5/8" Joint, Silicone Sealant And Caulking	440.57	142.37
			For Coloring, Add	56.10	
			For 1 Part Mildew Resistant, Add	54.54	
			For High-Modulus Non-Acid Curing, Add	31.17	
07 92 13 00-0008			CLF 3/8" x 3/4" Joint, Silicone Sealant And Caulking	487.49	150.26
			For Coloring, Add	67.32	
			For 1 Part Mildew Resistant, Add	65.45	
			For High-Modulus Non-Acid Curing, Add	37.40	
07 92 13 00-0009			CLF 1/2" x 1/2" Joint, Silicone Sealant And Caulking	450.96	142.37
			For Coloring, Add	59.84	
			For 1 Part Mildew Resistant, Add	58.18	
			For High-Modulus Non-Acid Curing, Add	33.25	
07 92 13 00-0010			CLF 1/2" x 5/8" Joint, Silicone Sealant And Caulking	524.14	158.17
			For Coloring, Add	74.80	
			For 1 Part Mildew Resistant, Add	72.73	
			For High-Modulus Non-Acid Curing, Add	41.56	
07 92 13 00-0011			CLF 1/2" x 3/4" Joint, Silicone Sealant And Caulking	581.54	166.09
			For Coloring, Add	89.77	
			For 1 Part Mildew Resistant, Add	87.27	
			For High-Modulus Non-Acid Curing, Add	49.87	
07 92 13 00-0012			CLF 1/2" x 7/8" Joint, Silicone Sealant And Caulking	638.88	173.99
			For Coloring, Add	104.73	
			For 1 Part Mildew Resistant, Add	101.82	
			For High-Modulus Non-Acid Curing, Add	58.18	
07 92 13 00-0013			CLF 1/2" x 1" Joint, Silicone Sealant And Caulking	688.33	177.94
			For Coloring, Add	119.69	
			For 1 Part Mildew Resistant, Add	116.36	
			For High-Modulus Non-Acid Curing, Add	66.49	
07 92 13 00-0014			CLF 3/4" x 3/4" Joint, Silicone Sealant And Caulking	737.87	181.89
			For Coloring, Add	134.65	
			For 1 Part Mildew Resistant, Add	130.91	
			For High-Modulus Non-Acid Curing, Add	74.80	
07 92 13 00-0015			CLF 1" x 1" Joint, Silicone Sealant And Caulking	1,060.37	197.72
			For Coloring, Add	239.37	
			For 1 Part Mildew Resistant, Add	232.73	
			For High-Modulus Non-Acid Curing, Add	132.99	
07 92 13 00-0016			Acrylic/Latex Sealant And Caulking (07 92 13)		
07 92 13 00-0017			CLF 1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking	274.33	126.53
07 92 13 00-0018			CLF 1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	292.83	130.49
07 92 13 00-0019			CLF 1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	311.32	134.45
07 92 13 00-0020			CLF 3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	316.63	134.45
07 92 13 00-0021			CLF 3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	340.53	138.40
07 92 13 00-0022			CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	364.35	142.37
07 92 13 00-0023			CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	396.02	150.26
07 92 13 00-0024			CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	369.66	142.37
07 92 13 00-0025			CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	422.51	158.17
07 92 13 00-0026			CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	459.58	166.09
07 92 13 00-0027			CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	496.59	173.99
07 92 13 00-0028			CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	525.71	177.94
07 92 13 00-0029			CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	554.93	181.89
07 92 13 00-0030			CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking	735.14	197.72
07 92 13 00-0031			Polyurethane Sealant And Caulking (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0032			CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	284.97	126.53
07 92 13 00-0033			CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	308.79	131.29
07 92 13 00-0034			CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	332.61	134.45
07 92 13 00-0035			CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	340.58	134.45
07 92 13 00-0036			CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	372.46	138.40
07 92 13 00-0037			CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	404.26	142.37
07 92 13 00-0038			CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	443.91	150.26
07 92 13 00-0039			CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	412.22	142.37
07 92 13 00-0040			CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	475.72	158.17
07 92 13 00-0041			CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	523.43	166.09
07 92 13 00-0042			CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	571.09	173.99
07 92 13 00-0043			CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking	610.85	177.94
07 92 13 00-0044			CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	650.71	181.89
07 92 13 00-0045			CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking	777.92	197.72
07 92 13 00-0046			Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0047			CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	288.00	126.53
07 92 13 00-0048			CLF 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	313.34	132.08
07 92 13 00-0049			CLF 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	338.67	134.45
07 92 13 00-0050			CLF 3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	347.40	134.45
07 92 13 00-0051			CLF 3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	381.57	138.40

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 92 13 00-0052	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	415.63	142.37
07 92 13 00-0053	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	457.55	150.26
07 92 13 00-0054	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	424.35	142.37
07 92 13 00-0055	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	490.89	158.17
07 92 13 00-0056	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	541.63	166.09
07 92 13 00-0057	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	592.32	173.99
07 92 13 00-0058	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking	635.11	177.94
07 92 13 00-0059	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	678.01	181.89
07 92 13 00-0060	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	814.31	197.72

07 92 13 00-0061 Flexible Polyurethane Security Sealant And Caulking (07 92 13)

Note: 1 or 2 part, non-sag.

07 92 13 00-0062	CLF	1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	295.40	126.53
07 92 13 00-0063	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	324.44	131.29
07 92 13 00-0064	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	353.47	134.45
07 92 13 00-0065	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	364.04	134.45
07 92 13 00-0066	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	403.75	138.40
07 92 13 00-0067	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	443.37	142.37
07 92 13 00-0068	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	490.84	150.26
07 92 13 00-0069	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	453.94	142.37
07 92 13 00-0070	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	527.87	158.17
07 92 13 00-0071	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	586.01	166.09
07 92 13 00-0072	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	644.09	173.99
07 92 13 00-0073	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	694.29	177.94
07 92 13 00-0074	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	744.58	181.89
07 92 13 00-0075	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	903.08	197.72

07 92 19 Acoustical Joint Sealants (07 92)**07 92 19 00-0001 Acoustical Sealant (07 92 19)**

07 92 19 00-0002	CLF	1/4" x 1/4" Joint, Acoustical Sealant.....	262.69	118.64
		<i>For Coloring, Add</i>	9.16	
		<i>For 1 Part Mildew Resistant, Add</i>	8.91	
		<i>For High-Modulus Non-Acid Curing, Add</i>	5.09	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant.....	288.22	126.53
		<i>For Coloring, Add</i>	12.64	
		<i>For 1 Part Mildew Resistant, Add</i>	12.29	
		<i>For High-Modulus Non-Acid Curing, Add</i>	7.02	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant.....	309.68	134.45
		<i>For Coloring, Add</i>	14.70	
		<i>For 1 Part Mildew Resistant, Add</i>	14.29	
		<i>For High-Modulus Non-Acid Curing, Add</i>	8.16	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant.....	325.49	134.45
		<i>For Coloring, Add</i>	20.39	
		<i>For 1 Part Mildew Resistant, Add</i>	19.82	
		<i>For High-Modulus Non-Acid Curing, Add</i>	11.33	
07 92 19 00-0006	CLF	3/8" x 1/2" Joint, Acoustical Sealant.....	349.91	138.40
		<i>For Coloring, Add</i>	26.31	
		<i>For 1 Part Mildew Resistant, Add</i>	25.57	
		<i>For High-Modulus Non-Acid Curing, Add</i>	14.61	
07 92 19 00-0007	CLF	1/2" x 1/2" Joint, Acoustical Sealant.....	387.70	142.37
		<i>For Coloring, Add</i>	37.07	
		<i>For 1 Part Mildew Resistant, Add</i>	36.04	
		<i>For High-Modulus Non-Acid Curing, Add</i>	20.59	

07 95 Expansion Control (07 90)**07 95 13 Expansion Joint Cover Assemblies (07 95)**

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 00-0001 Floor Assembly Type (07 95 13)**07 95 13 00-0002 With 1" Space (07 95 13 00-0001)**

07 95 13 00-0003	LF	Aluminum Expansion Joint Cover, 1" Opening Floor Assembly Type.....	36.47	5.22
07 95 13 00-0004	LF	Bronze Expansion Joint Cover, 1" Opening Floor Assembly Type	64.67	5.22
07 95 13 00-0005	LF	Stainless Steel Expansion Joint Cover, 1" Opening Floor Assembly Type	71.28	5.22

07 95 13 00-0006 With 2" Space (07 95 13 00-0001)

07 95 13 00-0007	LF	Aluminum Expansion Joint Cover, 2" Opening Floor Assembly Type.....	43.24	5.22
07 95 13 00-0008	LF	Bronze Expansion Joint Cover, 2" Opening Floor Assembly Type	78.58	5.22
07 95 13 00-0009	LF	Stainless Steel Expansion Joint Cover, 2" Opening Floor Assembly Type	95.46	5.22

07 95 13 00-0010 Ceiling And Wall Assembly Type (07 95 13)**07 95 13 00-0011 With 1" Space (07 95 13 00-0010)**

07 95 13 00-0012	LF	Aluminum Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type.....	29.70	5.22
07 95 13 00-0013	LF	Bronze Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	50.76	5.22
07 95 13 00-0014	LF	Stainless Steel Expansion Joint Cover, 1" Opening Ceiling And Wall Assembly Type	59.19	5.22

07 95 13 00-0015 With 2" Space (07 95 13 00-0010)

07 95 13 00-0016	LF	Aluminum Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	33.76	5.22
------------------	----	--	-------	------

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 00-0017	LF	Bronze Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type	57.71	5.22
07 95 13 00-0018	LF	Stainless Steel Expansion Joint Cover, 2" Opening Ceiling And Wall Assembly Type.....	71.28	5.22
07 95 13 00-0019		Exterior Roof Aluminum Expansion Assemblies (07 95 13)		
07 95 13 00-0020		Roof To Roof (07 95 13 00-0019)		
07 95 13 00-0021	LF	Exterior Roof To Roof Expansion Joint, 1" Opening Aluminum Assemblies	36.61	3.48
07 95 13 00-0022	LF	Exterior Roof To Roof Expansion Joint, 2" Opening Aluminum Assemblies	42.31	3.48
07 95 13 00-0023	LF	Exterior Roof To Roof Expansion Joint, 3" Opening Aluminum Assemblies	46.24	3.48
07 95 13 00-0024		Roof To Wall (07 95 13 00-0019)		
07 95 13 00-0025	LF	Exterior Roof To Wall Expansion Joint, 1" Opening Aluminum Assemblies.....	30.38	3.48
07 95 13 00-0026	LF	Exterior Roof To Wall Expansion Joint, 2" Opening Aluminum Assemblies.....	37.35	3.48
07 95 13 00-0027		Flat Wall To Wall (07 95 13 00-0019)		
07 95 13 00-0028	LF	Exterior Wall To Wall Expansion Joint, 1" Opening Aluminum Assemblies	24.27	3.48
07 95 13 00-0029	LF	Exterior Wall To Wall Expansion Joint, 2" Opening Aluminum Assemblies	28.46	3.48
07 95 13 00-0030	LF	Exterior Wall To Wall Expansion Joint, 3" Opening Aluminum Assemblies	33.51	3.48
07 95 13 00-0031		Corner To Flat Wall (07 95 13 00-0019)		
07 95 13 00-0032	LF	Exterior Corner To Wall Expansion Joint, 1" Opening Aluminum Assemblies	24.21	3.48
07 95 13 00-0033	LF	Exterior Corner To Wall Expansion Joint, 2" Opening Aluminum Assemblies	27.00	3.48
07 95 13 00-0034	LF	Exterior Corner To Wall Expansion Joint, 3" Opening Aluminum Assemblies	34.84	3.48

END OF SECTION 07

07 Thermal And Moisture Protection

07 90 Joint Protection

07 95 Expansion Control

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

08 Openings

08 01 Operation And Maintenance Of Openings (08)

08 01 10 Operation And Maintenance Of Doors And Frames (08 01)

08 01 11 Operation and Maintenance of Metal Doors and Frames (08 01 10)

08 01 11 00-0001	Hollow Metal Door Repair <small>(08 01 11)</small>		
	Note: Repairs are based on holes or damage of less than 1/2 of a square foot.		
08 01 11 00-0002	SF Patch Small Drill Holes		7.01
08 01 11 00-0003	LF Patch Deep Scrapes Or Cuts In Doors		35.04
08 01 11 00-0004	IN Patch Holes Larger Than Normal Drill Holes (By Diameter Of Holes)		10.51

08 01 50 Operation And Maintenance Of Windows (08 01)

08 01 52 Operation and Maintenance of Wood Windows (08 01 50)

08 01 52 61 Wood Window Repairs (08 01 52)

08 01 52 61-0001	Window Restoration And Replacement <small>(08 01 52 61)</small>		
08 01 52 61-0002	EA Remove And Replace Sash Guides		8.71
08 01 52 61-0003	EA Remove And Replace Window Arms		24.28
08 01 52 61-0004	EA Remove And Replace Window Crank Operator		26.46
08 01 52 61-0005	EA Remove And Replace Brass Window Sash Pull		16.84
08 01 52 61-0006	EA Remove And Replace Brass Window Sash Lock		15.33
08 01 52 61-0007	EA Remove And Replace Window Balance, Removable Sash Window		18.39
	Note: Channel, spiral or coil balance.		
08 01 52 61-0008	EA Remove And Replace Window Balance, Sash Window Requiring The Removal And Replacement Of Wooden Stops And/Or Casing		57.96
	Note: Channel, spiral or coil balance.		
	<i>For Replacing Two Balances In One Window, Deduct</i>		-21.84

08 01 80 Maintenance of Glazing (08 01)

08 01 81 Maintenance of Glass Glazing (08 01 80)

08 01 81 00-0001	Glazing Compound Repair <small>(08 01 81)</small>		
08 01 81 00-0002	LF Remove And Replace Damaged, Broken Or Cracked Window Glazing Up To 1/2" Wide		4.08

08 05 Common Work Results For Openings (08)

08 05 13 Door Options And Modifications (08 05)

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001 Door Vision Panels (Pemko LT-S1) (08 05 13)

Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.

08 05 13 00-0002	EA For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		73.12
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		36.56
08 05 13 00-0003	EA For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		92.56
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		46.28
08 05 13 00-0004	EA For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		107.37
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		53.69
08 05 13 00-0005	EA For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		136.98
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		68.49
08 05 13 00-0006	EA For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		177.71
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		88.86
08 05 13 00-0007	EA For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		226.76
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		113.38
08 05 13 00-0008	EA For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		240.65
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		120.33
08 05 13 00-0009	EA For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		145.59
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		33.24
08 05 13 00-0010	EA For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		171.18
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		42.07
08 05 13 00-0011	EA For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		192.55
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		48.81
08 05 13 00-0012	EA For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add		227.38
	<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>		62.27

08 Openings**08 05 Common Work Results For Openings****08 05 13 Door Options And Modifications**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 05 13 00-0013	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	272.32	
		For 9/16" To 1-1/16" Glazing Pocket, Add	80.78	
08 05 13 00-0014	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	324.83	
		For 9/16" To 1-1/16" Glazing Pocket, Add	103.08	
08 05 13 00-0015	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	345.36	
		For 9/16" To 1-1/16" Glazing Pocket, Add	109.39	
08 05 13 00-0016		Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) (08 05 13)		
		Note: Factory primed or powder coated.		
08 05 13 00-0017	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	90.71	
08 05 13 00-0018	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	101.81	
08 05 13 00-0019	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	135.13	
08 05 13 00-0020	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	214.73	
08 05 13 00-0021	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	284.15	
08 05 13 00-0022	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	353.57	
08 05 13 00-0023	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	402.62	
08 05 13 00-0024	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	150.05	
08 05 13 00-0025	EA	For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	167.08	
08 05 13 00-0026	EA	For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	206.34	
08 05 13 00-0027	EA	For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	291.87	
08 05 13 00-0028	EA	For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	367.23	
08 05 13 00-0029	EA	For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	442.58	
08 05 13 00-0030	EA	For >10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add	497.56	
08 05 13 00-0031		Door Hardware Preparation (08 05 13)		
08 05 13 00-0032	EA	Prepare Existing Wood Door (Rated) For Mortise Hardware	146.31	
		Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0033	EA	Prepare Existing Wood Door (Non Rated) For Mortise Hardware	67.23	
08 05 13 00-0034	EA	Prepare Existing Wood Door (Rated) For Cylindrical Hardware	118.64	
		Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0035	EA	Prepare Existing Wood Door (Non Rated) For Cylindrical Hardware	19.77	
08 05 13 00-0036	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod	217.52	
		Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0037	EA	Prepare Existing Wood Door (Non Rated) For Concealed Vertical Rod	138.40	
08 05 13 00-0038	EA	Prepare Existing Wood Door (Rated) For Electric Hardware	146.31	
		Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0039	EA	Prepare Existing Door (Non Rated) For Electric Hardware	67.23	
08 05 13 00-0040		Door Modifications (08 05 13)		
08 05 13 00-0041	EA	For Factory Installed Sound Proofing (STC 28) In Metal Door, Add	90.75	
08 05 13 00-0042	SF	For 16 Gauge Steel Metal Plate Bolted On Door	18.47	
		Note: Includes mounting hardware.		
08 05 13 00-0043	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile	71.21	
		Note: Excludes removal and reinstallation of door.		
08 05 13 00-0044	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile	35.89	
		Note: Excludes removal and reinstallation of door.		
08 05 13 00-0045	EA	Modify Metal Door Frame For Door Swing	823.27	
		Note: Includes removal of door, blank hinge plates, continuous hinge, blank strike plate, new strike plate and reinstallation of door.		
08 05 13 00-0046	EA	Remove And Reinstall Door	67.25	
08 05 13 00-0047	EA	Remove And Reinstall Metal Door Frame	131.87	
08 05 13 00-0048	EA	Remove And Reinstall Wood Door Frame	79.77	
08 05 13 00-0049	EA	For Factory Installed Fire Bottom Seal In Wood Door, Add	77.50	
08 05 13 00-0050	EA	For Factory Installed Fire Bottom Seal In Steel Door, Add	93.44	
08 10 Doors And Frames (08)				
08 11 Metal Doors And Frames (08 10)				
08 11 63 Metal Screen And Storm Doors And Frames (08 11)				
08 11 63 13 Steel Screen And Storm Doors And Frames (08 11 63)				
08 11 63 13-0001 Steel Screen Door (08 11 63 13)		Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002	EA	2'-8" x 7" Steel Screen Door, Residential, With Frame, Trim, Hardware	652.52	108.79
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	660.46	112.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST			

08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware.....	703.60		112.75
------------------	----	---	--------	--	--------

08 11 63 23 Aluminum Screen And Storm Doors And Frames (08 11 63)

08 11 63 23-0001		Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23) Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).			
08 11 63 23-0002	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware	379.23		63.30
		<i>For Special Finished, Add</i>	26.52		
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	394.14		63.30
08 11 63 23-0004	EA	Aluminum Screen Door.....	254.00		39.54
08 11 63 23-0005	SF	Repair Screen Door	5.44		

08 11 73 Sliding Metal Fire Doors (08 11)

08 11 73 00-0001		Motor Operated Fire Door (08 11 73) Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.			
08 11 73 00-0002	EA	3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,505.44		435.52
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	3,725.97		435.52
08 11 73 00-0004	EA	4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,094.21		435.52
08 11 73 00-0005	EA	5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,495.59		435.52

08 12 Metal Frames (08 10)

Note: All door frames include perimeter caulk, sealant (as required), anchors and silencers.

08 12 13 Hollow Metal Frames (08 12)

08 12 13 13 Standard Hollow Metal Frames (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

08 12 13 13-0001		4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13)			
08 12 13 13-0002		6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0001)			
08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	220.74		59.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	15.31		
		<i>For Welded Frames, Add</i>	59.50		
		<i>For Galvanized Frames, Add</i>	12.25		
		<i>For Type 304 Stainless Steel Frame, Add</i>	189.64		
		<i>For Type 316 Stainless Steel Frame, Add</i>	220.26		
		<i>For Baked Enamel Finish, Add</i>	48.42		
		<i>For 3/4 Hour Rating, Add</i>	36.84		
		<i>For 1-1/2 Hour Rating, Add</i>	42.10		
		<i>For 3 Hour Rating, Add</i>	52.63		
		<i>For 18 Gauge Frame, Deduct</i>	-10.21		
		<i>For 14 Gauge Frame, Add</i>	25.52		
		<i>For 12 Gauge Frame, Add</i>	38.78		
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	252.05		65.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.23		
		<i>For Welded Frames, Add</i>	59.50		
		<i>For Galvanized Frames, Add</i>	14.58		
		<i>For Type 304 Stainless Steel Frame, Add</i>	225.23		
		<i>For Type 316 Stainless Steel Frame, Add</i>	261.68		
		<i>For Baked Enamel Finish, Add</i>	56.03		
		<i>For 3/4 Hour Rating, Add</i>	36.84		
		<i>For 1-1/2 Hour Rating, Add</i>	42.10		
		<i>For 3 Hour Rating, Add</i>	52.63		
		<i>For 18 Gauge Frame, Deduct</i>	-12.15		
		<i>For 14 Gauge Frame, Add</i>	30.38		
		<i>For 12 Gauge Frame, Add</i>	46.17		
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	261.90		69.23
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.52		
		<i>For Welded Frames, Add</i>	59.50		
		<i>For Galvanized Frames, Add</i>	14.81		
		<i>For Type 304 Stainless Steel Frame, Add</i>	229.12		
		<i>For Type 316 Stainless Steel Frame, Add</i>	266.15		
		<i>For Baked Enamel Finish, Add</i>	57.80		
		<i>For 3/4 Hour Rating, Add</i>	36.84		
		<i>For 1-1/2 Hour Rating, Add</i>	42.10		
		<i>For 3 Hour Rating, Add</i>	52.63		
		<i>For 18 Gauge Frame, Deduct</i>	-12.34		
		<i>For 14 Gauge Frame, Add</i>	30.86		
		<i>For 12 Gauge Frame, Add</i>	46.91		
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	273.77		75.17
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.52		
		<i>For Welded Frames, Add</i>	59.50		
		<i>For Galvanized Frames, Add</i>	14.81		
		<i>For Type 304 Stainless Steel Frame, Add</i>	229.71		
		<i>For Type 316 Stainless Steel Frame, Add</i>	266.74		
		<i>For Baked Enamel Finish, Add</i>	59.58		
		<i>For 3/4 Hour Rating, Add</i>	36.84		
		<i>For 1-1/2 Hour Rating, Add</i>	42.10		
		<i>For 3 Hour Rating, Add</i>	52.63		
		<i>For 18 Gauge Frame, Deduct</i>	-12.34		
		<i>For 14 Gauge Frame, Add</i>	30.86		
		<i>For 12 Gauge Frame, Add</i>	46.91		

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	279.68	77.14
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.81	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	15.05	
		<i>For Type 304 Stainless Steel Frame, Add</i>	233.42	
		<i>For Type 316 Stainless Steel Frame, Add</i>	271.03	
		<i>For Baked Enamel Finish, Add</i>	60.76	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-12.54	
		<i>For 14 Gauge Frame, Add</i>	31.35	
		<i>For 12 Gauge Frame, Add</i>	47.65	
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	285.56	79.12
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	19.10	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	15.28	
		<i>For Type 304 Stainless Steel Frame, Add</i>	237.11	
		<i>For Type 316 Stainless Steel Frame, Add</i>	275.30	
		<i>For Baked Enamel Finish, Add</i>	61.93	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-12.73	
		<i>For 14 Gauge Frame, Add</i>	31.83	
		<i>For 12 Gauge Frame, Add</i>	48.39	
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	302.23	83.08
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.41	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	16.33	
		<i>For Type 304 Stainless Steel Frame, Add</i>	253.25	
		<i>For Type 316 Stainless Steel Frame, Add</i>	294.08	
		<i>For Baked Enamel Finish, Add</i>	65.75	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-13.61	
		<i>For 14 Gauge Frame, Add</i>	34.02	
		<i>For 12 Gauge Frame, Add</i>	51.71	
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	310.14	87.04
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	20.41	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	16.33	
		<i>For Type 304 Stainless Steel Frame, Add</i>	253.65	
		<i>For Type 316 Stainless Steel Frame, Add</i>	294.47	
		<i>For Baked Enamel Finish, Add</i>	66.93	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-13.61	
		<i>For 14 Gauge Frame, Add</i>	34.02	
		<i>For 12 Gauge Frame, Add</i>	51.71	
08 12 13 13-0011	EA	4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	322.91	90.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	21.14	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	16.91	
		<i>For Type 304 Stainless Steel Frame, Add</i>	262.79	
		<i>For Type 316 Stainless Steel Frame, Add</i>	305.07	
		<i>For Baked Enamel Finish, Add</i>	69.58	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-14.09	
		<i>For 14 Gauge Frame, Add</i>	35.24	
		<i>For 12 Gauge Frame, Add</i>	53.56	
08 12 13 13-0012	EA	5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	335.69	94.94
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	21.87	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	17.50	
		<i>For Type 304 Stainless Steel Frame, Add</i>	271.93	
		<i>For Type 316 Stainless Steel Frame, Add</i>	315.67	
		<i>For Baked Enamel Finish, Add</i>	72.22	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-14.58	
		<i>For 14 Gauge Frame, Add</i>	36.45	
		<i>For 12 Gauge Frame, Add</i>	55.40	
08 12 13 13-0013	EA	5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	343.60	98.90
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	21.87	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	17.50	
		<i>For Type 304 Stainless Steel Frame, Add</i>	272.33	
		<i>For Type 316 Stainless Steel Frame, Add</i>	316.07	
		<i>For Baked Enamel Finish, Add</i>	73.41	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-14.58	
		<i>For 14 Gauge Frame, Add</i>	36.45	
		<i>For 12 Gauge Frame, Add</i>	55.40	

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

08 12 13 13-0014	EA		5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	349.99	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	22.23	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	17.79	
			For Type 304 Stainless Steel Frame, Add	276.90	
			For Type 316 Stainless Steel Frame, Add	321.37	
			For Baked Enamel Finish, Add	74.73	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-14.82	
			For 14 Gauge Frame, Add	37.06	
			For 12 Gauge Frame, Add	56.33	
08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	356.37	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	22.60	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	18.08	
			For Type 304 Stainless Steel Frame, Add	281.47	
			For Type 316 Stainless Steel Frame, Add	326.67	
			For Baked Enamel Finish, Add	76.05	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-15.07	
			For 14 Gauge Frame, Add	37.67	
			For 12 Gauge Frame, Add	57.25	
08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	370.05	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	24.06	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.25	
			For Type 304 Stainless Steel Frame, Add	299.17	
			For Type 316 Stainless Steel Frame, Add	347.28	
			For Baked Enamel Finish, Add	79.56	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.04	
			For 14 Gauge Frame, Add	40.10	
			For 12 Gauge Frame, Add	60.94	
08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	383.73	106.81
			For Auxiliary Frame Reinforcement For Hinges, Add	25.52	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	20.41	
			For Type 304 Stainless Steel Frame, Add	316.86	
			For Type 316 Stainless Steel Frame, Add	367.89	
			For Baked Enamel Finish, Add	83.07	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-17.01	
			For 14 Gauge Frame, Add	42.53	
			For 12 Gauge Frame, Add	64.64	
08 12 13 13-0018			>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door		
			Frames <small>(08 12 13 13-0001)</small>		
08 12 13 13-0019	EA		2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	232.08	59.34
			For Auxiliary Frame Reinforcement For Hinges, Add	17.01	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	13.61	
			For Type 304 Stainless Steel Frame, Add	210.05	
			For Type 316 Stainless Steel Frame, Add	244.07	
			For Baked Enamel Finish, Add	51.82	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-11.34	
			For 14 Gauge Frame, Add	28.35	
			For 12 Gauge Frame, Add	43.09	
08 12 13 13-0020	EA		2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	265.55	65.27
			For Auxiliary Frame Reinforcement For Hinges, Add	20.25	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	16.20	
			For Type 304 Stainless Steel Frame, Add	249.53	
			For Type 316 Stainless Steel Frame, Add	290.03	
			For Baked Enamel Finish, Add	60.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-13.50	
			For 14 Gauge Frame, Add	33.75	
			For 12 Gauge Frame, Add	51.30	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0021	EA	2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	275.62	69.23
		For Auxiliary Frame Reinforcement For Hinges, Add	20.57	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	16.46	
		For Type 304 Stainless Steel Frame, Add	253.81	
		For Type 316 Stainless Steel Frame, Add	294.96	
		For Baked Enamel Finish, Add	61.92	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-13.72	
		For 14 Gauge Frame, Add	34.29	
		For 12 Gauge Frame, Add	52.12	
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	287.49	75.17
		For Auxiliary Frame Reinforcement For Hinges, Add	20.57	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	16.46	
		For Type 304 Stainless Steel Frame, Add	254.40	
		For Type 316 Stainless Steel Frame, Add	295.55	
		For Baked Enamel Finish, Add	63.70	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-13.72	
		For 14 Gauge Frame, Add	34.29	
		For 12 Gauge Frame, Add	52.12	
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	293.61	77.14
		For Auxiliary Frame Reinforcement For Hinges, Add	20.90	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	16.72	
		For Type 304 Stainless Steel Frame, Add	258.49	
		For Type 316 Stainless Steel Frame, Add	300.29	
		For Baked Enamel Finish, Add	64.94	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-13.93	
		For 14 Gauge Frame, Add	34.83	
		For 12 Gauge Frame, Add	52.94	
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	299.71	79.12
		For Auxiliary Frame Reinforcement For Hinges, Add	21.22	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	16.98	
		For Type 304 Stainless Steel Frame, Add	262.58	
		For Type 316 Stainless Steel Frame, Add	305.02	
		For Baked Enamel Finish, Add	66.18	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-14.15	
		For 14 Gauge Frame, Add	35.37	
		For 12 Gauge Frame, Add	53.76	
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	317.35	83.08
		For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	18.14	
		For Type 304 Stainless Steel Frame, Add	280.47	
		For Type 316 Stainless Steel Frame, Add	325.83	
		For Baked Enamel Finish, Add	70.28	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-15.12	
		For 14 Gauge Frame, Add	37.80	
		For 12 Gauge Frame, Add	57.46	
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	325.26	87.04
		For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	18.14	
		For Type 304 Stainless Steel Frame, Add	280.86	
		For Type 316 Stainless Steel Frame, Add	326.22	
		For Baked Enamel Finish, Add	71.47	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-15.12	
		For 14 Gauge Frame, Add	37.80	
		For 12 Gauge Frame, Add	57.46	
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	338.57	90.99
		For Auxiliary Frame Reinforcement For Hinges, Add	23.49	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	18.79	
		For Type 304 Stainless Steel Frame, Add	290.98	
		For Type 316 Stainless Steel Frame, Add	337.96	
		For Baked Enamel Finish, Add	74.28	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-15.66	
		For 14 Gauge Frame, Add	39.15	
		For 12 Gauge Frame, Add	59.51	

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

08 12 13 13-0028	EA		5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	351.89	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.44	
			For Type 304 Stainless Steel Frame, Add	301.09	
			For Type 316 Stainless Steel Frame, Add	349.69	
			For Baked Enamel Finish, Add	77.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.20	
			For 14 Gauge Frame, Add	40.50	
			For 12 Gauge Frame, Add	61.56	
08 12 13 13-0029	EA		5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	359.80	98.90
			For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.44	
			For Type 304 Stainless Steel Frame, Add	301.49	
			For Type 316 Stainless Steel Frame, Add	350.09	
			For Baked Enamel Finish, Add	78.27	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.20	
			For 14 Gauge Frame, Add	40.50	
			For 12 Gauge Frame, Add	61.56	
08 12 13 13-0030	EA		5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	366.46	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	24.71	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.76	
			For Type 304 Stainless Steel Frame, Add	306.55	
			For Type 316 Stainless Steel Frame, Add	355.96	
			For Baked Enamel Finish, Add	79.67	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.47	
			For 14 Gauge Frame, Add	41.18	
			For 12 Gauge Frame, Add	62.59	
08 12 13 13-0031	EA		6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	373.11	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	25.11	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	20.09	
			For Type 304 Stainless Steel Frame, Add	311.61	
			For Type 316 Stainless Steel Frame, Add	361.83	
			For Baked Enamel Finish, Add	81.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.74	
			For 14 Gauge Frame, Add	41.85	
			For 12 Gauge Frame, Add	63.61	
08 12 13 13-0032	EA		7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	387.87	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	26.73	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	21.38	
			For Type 304 Stainless Steel Frame, Add	331.24	
			For Type 316 Stainless Steel Frame, Add	384.70	
			For Baked Enamel Finish, Add	84.91	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-17.82	
			For 14 Gauge Frame, Add	44.55	
			For 12 Gauge Frame, Add	67.72	
08 12 13 13-0033	EA		8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	402.63	106.81
			For Auxiliary Frame Reinforcement For Hinges, Add	28.35	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	22.68	
			For Type 304 Stainless Steel Frame, Add	350.88	
			For Type 316 Stainless Steel Frame, Add	407.58	
			For Baked Enamel Finish, Add	88.74	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-18.90	
			For 14 Gauge Frame, Add	47.25	
			For 12 Gauge Frame, Add	71.82	

08 12 13 13-0034 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13)

08 12 13 13-0035 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0034)

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0036	EA 2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	232.08	59.34
	For Auxiliary Frame Reinforcement For Hinges, Add	17.01	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	13.61	
	For Type 304 Stainless Steel Frame, Add	210.05	
	For Type 316 Stainless Steel Frame, Add	244.07	
	For Baked Enamel Finish, Add	51.82	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-11.34	
	For 14 Gauge Frame, Add	28.35	
	For 12 Gauge Frame, Add	43.09	
08 12 13 13-0037	EA 2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	265.55	65.27
	For Auxiliary Frame Reinforcement For Hinges, Add	20.25	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	16.20	
	For Type 304 Stainless Steel Frame, Add	249.53	
	For Type 316 Stainless Steel Frame, Add	290.03	
	For Baked Enamel Finish, Add	60.08	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-13.50	
	For 14 Gauge Frame, Add	33.75	
	For 12 Gauge Frame, Add	51.30	
08 12 13 13-0038	EA 2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	275.62	69.23
	For Auxiliary Frame Reinforcement For Hinges, Add	20.57	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	16.46	
	For Type 304 Stainless Steel Frame, Add	253.81	
	For Type 316 Stainless Steel Frame, Add	294.96	
	For Baked Enamel Finish, Add	61.92	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-13.72	
	For 14 Gauge Frame, Add	34.29	
	For 12 Gauge Frame, Add	52.12	
08 12 13 13-0039	EA 2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	287.49	75.17
	For Auxiliary Frame Reinforcement For Hinges, Add	20.57	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	16.46	
	For Type 304 Stainless Steel Frame, Add	254.40	
	For Type 316 Stainless Steel Frame, Add	295.55	
	For Baked Enamel Finish, Add	63.70	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-13.72	
	For 14 Gauge Frame, Add	34.29	
	For 12 Gauge Frame, Add	52.12	
08 12 13 13-0040	EA 2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	293.61	77.14
	For Auxiliary Frame Reinforcement For Hinges, Add	20.90	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	16.72	
	For Type 304 Stainless Steel Frame, Add	258.49	
	For Type 316 Stainless Steel Frame, Add	300.29	
	For Baked Enamel Finish, Add	64.94	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-13.93	
	For 14 Gauge Frame, Add	34.83	
	For 12 Gauge Frame, Add	52.94	
08 12 13 13-0041	EA 3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	299.71	79.12
	For Auxiliary Frame Reinforcement For Hinges, Add	21.22	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	16.98	
	For Type 304 Stainless Steel Frame, Add	262.58	
	For Type 316 Stainless Steel Frame, Add	305.02	
	For Baked Enamel Finish, Add	66.18	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-14.15	
	For 14 Gauge Frame, Add	35.37	
	For 12 Gauge Frame, Add	53.76	
08 12 13 13-0042	EA 3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	317.35	83.08
	For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	18.14	
	For Type 304 Stainless Steel Frame, Add	280.47	
	For Type 316 Stainless Steel Frame, Add	325.83	
	For Baked Enamel Finish, Add	70.28	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-15.12	
	For 14 Gauge Frame, Add	37.80	
	For 12 Gauge Frame, Add	57.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0043	EA		3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	325.26	87.04
			For Auxiliary Frame Reinforcement For Hinges, Add	22.68	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	18.14	
			For Type 304 Stainless Steel Frame, Add	280.86	
			For Type 316 Stainless Steel Frame, Add	326.22	
			For Baked Enamel Finish, Add	71.47	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-15.12	
			For 14 Gauge Frame, Add	37.80	
			For 12 Gauge Frame, Add	57.46	
08 12 13 13-0044	EA		4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	338.57	90.99
			For Auxiliary Frame Reinforcement For Hinges, Add	23.49	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	18.79	
			For Type 304 Stainless Steel Frame, Add	290.98	
			For Type 316 Stainless Steel Frame, Add	337.96	
			For Baked Enamel Finish, Add	74.28	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-15.66	
			For 14 Gauge Frame, Add	39.15	
			For 12 Gauge Frame, Add	59.51	
08 12 13 13-0045	EA		5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	351.89	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.44	
			For Type 304 Stainless Steel Frame, Add	301.09	
			For Type 316 Stainless Steel Frame, Add	349.69	
			For Baked Enamel Finish, Add	77.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.20	
			For 14 Gauge Frame, Add	40.50	
			For 12 Gauge Frame, Add	61.56	
08 12 13 13-0046	EA		5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	359.80	98.90
			For Auxiliary Frame Reinforcement For Hinges, Add	24.30	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.44	
			For Type 304 Stainless Steel Frame, Add	301.49	
			For Type 316 Stainless Steel Frame, Add	350.09	
			For Baked Enamel Finish, Add	78.27	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.20	
			For 14 Gauge Frame, Add	40.50	
			For 12 Gauge Frame, Add	61.56	
08 12 13 13-0047	EA		5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	366.46	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	24.71	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	19.76	
			For Type 304 Stainless Steel Frame, Add	306.55	
			For Type 316 Stainless Steel Frame, Add	355.96	
			For Baked Enamel Finish, Add	79.67	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.47	
			For 14 Gauge Frame, Add	41.18	
			For 12 Gauge Frame, Add	62.59	
08 12 13 13-0048	EA		6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	373.11	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	25.11	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	20.09	
			For Type 304 Stainless Steel Frame, Add	311.61	
			For Type 316 Stainless Steel Frame, Add	361.83	
			For Baked Enamel Finish, Add	81.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-16.74	
			For 14 Gauge Frame, Add	41.85	
			For 12 Gauge Frame, Add	63.61	
08 12 13 13-0049	EA		7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	387.87	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	26.73	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	21.38	
			For Type 304 Stainless Steel Frame, Add	331.24	
			For Type 316 Stainless Steel Frame, Add	384.70	
			For Baked Enamel Finish, Add	84.91	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-17.82	
			For 14 Gauge Frame, Add	44.55	
			For 12 Gauge Frame, Add	67.72	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	402.63	106.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	28.35	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	22.68	
		<i>For Type 304 Stainless Steel Frame, Add</i>	350.88	
		<i>For Type 316 Stainless Steel Frame, Add</i>	407.58	
		<i>For Baked Enamel Finish, Add</i>	88.74	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-18.90	
		<i>For 14 Gauge Frame, Add</i>	47.25	
		<i>For 12 Gauge Frame, Add</i>	71.82	

08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames

08 12 13 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	244.68	59.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	18.90	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	15.12	
		<i>For Type 304 Stainless Steel Frame, Add</i>	232.73	
		<i>For Type 316 Stainless Steel Frame, Add</i>	270.53	
		<i>For Baked Enamel Finish, Add</i>	55.60	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-12.60	
		<i>For 14 Gauge Frame, Add</i>	31.50	
		<i>For 12 Gauge Frame, Add</i>	47.88	
08 12 13 13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	280.55	65.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	22.50	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	18.00	
		<i>For Type 304 Stainless Steel Frame, Add</i>	276.53	
		<i>For Type 316 Stainless Steel Frame, Add</i>	321.53	
		<i>For Baked Enamel Finish, Add</i>	64.58	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-15.00	
		<i>For 14 Gauge Frame, Add</i>	37.50	
		<i>For 12 Gauge Frame, Add</i>	57.00	
08 12 13 13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	290.86	69.23
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	22.86	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	18.29	
		<i>For Type 304 Stainless Steel Frame, Add</i>	281.24	
		<i>For Type 316 Stainless Steel Frame, Add</i>	326.96	
		<i>For Baked Enamel Finish, Add</i>	66.49	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-15.24	
		<i>For 14 Gauge Frame, Add</i>	38.10	
		<i>For 12 Gauge Frame, Add</i>	57.91	
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	302.73	75.17
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	22.86	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	18.29	
		<i>For Type 304 Stainless Steel Frame, Add</i>	281.84	
		<i>For Type 316 Stainless Steel Frame, Add</i>	327.56	
		<i>For Baked Enamel Finish, Add</i>	68.27	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-15.24	
		<i>For 14 Gauge Frame, Add</i>	38.10	
		<i>For 12 Gauge Frame, Add</i>	57.91	
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	309.09	77.14
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	23.22	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	18.58	
		<i>For Type 304 Stainless Steel Frame, Add</i>	286.35	
		<i>For Type 316 Stainless Steel Frame, Add</i>	332.79	
		<i>For Baked Enamel Finish, Add</i>	69.58	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-15.48	
		<i>For 14 Gauge Frame, Add</i>	38.70	
		<i>For 12 Gauge Frame, Add</i>	58.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0057	EA	3' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	315.43 23.58 59.50 18.86 290.87 338.03 70.89 36.84 42.10 52.63 -15.72 39.30 59.74	79.12
08 12 13 13-0058	EA	3'-4" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	334.15 25.20 59.50 20.16 310.71 361.11 75.32 36.84 42.10 52.63 -16.80 42.00 63.84	83.08
08 12 13 13-0059	EA	3'-6" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	342.06 25.20 59.50 20.16 311.10 361.50 76.51 36.84 42.10 52.63 -16.80 42.00 63.84	87.04
08 12 13 13-0060	EA	4' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	355.97 26.10 59.50 20.88 322.30 374.50 79.50 36.84 42.10 52.63 -17.40 43.50 66.12	90.99
08 12 13 13-0061	EA	5' x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	369.89 27.00 59.50 21.60 333.49 387.49 82.48 36.84 42.10 52.63 -18.00 45.00 68.40	94.94
08 12 13 13-0062	EA	5'-4" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	377.80 27.00 59.50 21.60 333.89 387.89 83.67 36.84 42.10 52.63 -18.00 45.00 68.40	98.90
08 12 13 13-0063	EA	5'-8" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 3/4 Hour Rating, Add</i> <i>For 1-1/2 Hour Rating, Add</i> <i>For 3 Hour Rating, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	384.76 27.45 59.50 21.96 339.49 394.39 85.16 36.84 42.10 52.63 -18.30 45.75 69.54	100.88

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 13 13-0064	EA	6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	391.71	102.85
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	27.90	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	22.32	
		<i>For Type 304 Stainless Steel Frame, Add</i>	345.09	
		<i>For Type 316 Stainless Steel Frame, Add</i>	400.89	
		<i>For Baked Enamel Finish, Add</i>	86.66	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-18.60	
		<i>For 14 Gauge Frame, Add</i>	46.50	
		<i>For 12 Gauge Frame, Add</i>	70.68	
08 12 13 13-0065	EA	7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	407.67	104.84
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	29.70	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	23.76	
		<i>For Type 304 Stainless Steel Frame, Add</i>	366.88	
		<i>For Type 316 Stainless Steel Frame, Add</i>	426.28	
		<i>For Baked Enamel Finish, Add</i>	90.85	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-19.80	
		<i>For 14 Gauge Frame, Add</i>	49.50	
		<i>For 12 Gauge Frame, Add</i>	75.24	
08 12 13 13-0066	EA	8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	423.63	106.81
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	31.50	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	25.20	
		<i>For Type 304 Stainless Steel Frame, Add</i>	388.68	
		<i>For Type 316 Stainless Steel Frame, Add</i>	451.68	
		<i>For Baked Enamel Finish, Add</i>	95.04	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-21.00	
		<i>For 14 Gauge Frame, Add</i>	52.50	
		<i>For 12 Gauge Frame, Add</i>	79.80	
08 12 13 13-0067		6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13)</small>		
08 12 13 13-0068		6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0067)</small>		
08 12 13 13-0069	EA	2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	298.20	59.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	26.93	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	21.54	
		<i>For Type 304 Stainless Steel Frame, Add</i>	329.07	
		<i>For Type 316 Stainless Steel Frame, Add</i>	382.93	
		<i>For Baked Enamel Finish, Add</i>	71.66	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-17.95	
		<i>For 14 Gauge Frame, Add</i>	44.88	
		<i>For 12 Gauge Frame, Add</i>	68.22	
08 12 13 13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	344.27	65.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	32.06	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	25.65	
		<i>For Type 304 Stainless Steel Frame, Add</i>	391.22	
		<i>For Type 316 Stainless Steel Frame, Add</i>	455.34	
		<i>For Baked Enamel Finish, Add</i>	83.70	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-21.37	
		<i>For 14 Gauge Frame, Add</i>	53.43	
		<i>For 12 Gauge Frame, Add</i>	81.21	
08 12 13 13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	355.60	69.23
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	32.57	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	26.06	
		<i>For Type 304 Stainless Steel Frame, Add</i>	397.78	
		<i>For Type 316 Stainless Steel Frame, Add</i>	462.92	
		<i>For Baked Enamel Finish, Add</i>	85.91	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-21.71	
		<i>For 14 Gauge Frame, Add</i>	54.29	
		<i>For 12 Gauge Frame, Add</i>	82.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0072	EA		2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	367.47	75.17
			For Auxiliary Frame Reinforcement For Hinges, Add	32.57	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	26.06	
			For Type 304 Stainless Steel Frame, Add	398.37	
			For Type 316 Stainless Steel Frame, Add	463.51	
			For Baked Enamel Finish, Add	87.69	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-21.71	
			For 14 Gauge Frame, Add	54.29	
			For 12 Gauge Frame, Add	82.51	
08 12 13 13-0073	EA		2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	374.85	77.14
			For Auxiliary Frame Reinforcement For Hinges, Add	33.08	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	26.47	
			For Type 304 Stainless Steel Frame, Add	404.72	
			For Type 316 Stainless Steel Frame, Add	470.89	
			For Baked Enamel Finish, Add	89.31	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-22.06	
			For 14 Gauge Frame, Add	55.14	
			For 12 Gauge Frame, Add	83.81	
08 12 13 13-0074	EA		3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	382.21	79.12
			For Auxiliary Frame Reinforcement For Hinges, Add	33.60	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	26.88	
			For Type 304 Stainless Steel Frame, Add	411.08	
			For Type 316 Stainless Steel Frame, Add	478.27	
			For Baked Enamel Finish, Add	90.93	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-22.40	
			For 14 Gauge Frame, Add	56.00	
			For 12 Gauge Frame, Add	85.11	
08 12 13 13-0075	EA		3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	405.52	83.08
			For Auxiliary Frame Reinforcement For Hinges, Add	35.91	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.72	
			For Type 304 Stainless Steel Frame, Add	439.17	
			For Type 316 Stainless Steel Frame, Add	510.98	
			For Baked Enamel Finish, Add	96.73	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-23.94	
			For 14 Gauge Frame, Add	59.84	
			For 12 Gauge Frame, Add	90.96	
08 12 13 13-0076	EA		3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	413.43	87.04
			For Auxiliary Frame Reinforcement For Hinges, Add	35.91	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.72	
			For Type 304 Stainless Steel Frame, Add	439.57	
			For Type 316 Stainless Steel Frame, Add	511.38	
			For Baked Enamel Finish, Add	97.92	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-23.94	
			For 14 Gauge Frame, Add	59.84	
			For 12 Gauge Frame, Add	90.96	
08 12 13 13-0077	EA		4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	429.88	90.99
			For Auxiliary Frame Reinforcement For Hinges, Add	37.19	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	29.75	
			For Type 304 Stainless Steel Frame, Add	455.34	
			For Type 316 Stainless Steel Frame, Add	529.71	
			For Baked Enamel Finish, Add	101.67	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-24.79	
			For 14 Gauge Frame, Add	61.98	
			For 12 Gauge Frame, Add	94.21	
08 12 13 13-0078	EA		5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	446.35	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	38.47	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	30.78	
			For Type 304 Stainless Steel Frame, Add	471.12	
			For Type 316 Stainless Steel Frame, Add	548.06	
			For Baked Enamel Finish, Add	105.42	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-25.65	
			For 14 Gauge Frame, Add	64.12	
			For 12 Gauge Frame, Add	97.45	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0079	EA		5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	454.26	98.90
			For Auxiliary Frame Reinforcement For Hinges, Add	38.47	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	30.78	
			For Type 304 Stainless Steel Frame, Add	471.52	
			For Type 316 Stainless Steel Frame, Add	548.46	
			For Baked Enamel Finish, Add	106.61	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-25.65	
			For 14 Gauge Frame, Add	64.12	
			For 12 Gauge Frame, Add	97.45	
08 12 13 13-0080	EA		5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	462.50	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	39.11	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	31.29	
			For Type 304 Stainless Steel Frame, Add	479.42	
			For Type 316 Stainless Steel Frame, Add	557.64	
			For Baked Enamel Finish, Add	108.49	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-26.07	
			For 14 Gauge Frame, Add	65.19	
			For 12 Gauge Frame, Add	99.08	
08 12 13 13-0081	EA		6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	470.72	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	39.75	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	31.80	
			For Type 304 Stainless Steel Frame, Add	487.30	
			For Type 316 Stainless Steel Frame, Add	566.81	
			For Baked Enamel Finish, Add	110.36	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-26.50	
			For 14 Gauge Frame, Add	66.25	
			For 12 Gauge Frame, Add	100.70	
08 12 13 13-0082	EA		7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	491.78	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	42.32	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	33.85	
			For Type 304 Stainless Steel Frame, Add	518.28	
			For Type 316 Stainless Steel Frame, Add	602.91	
			For Baked Enamel Finish, Add	116.08	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-28.21	
			For 14 Gauge Frame, Add	70.53	
			For 12 Gauge Frame, Add	107.20	
08 12 13 13-0083	EA		8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	512.84	106.81
			For Auxiliary Frame Reinforcement For Hinges, Add	44.88	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	35.91	
			For Type 304 Stainless Steel Frame, Add	549.26	
			For Type 316 Stainless Steel Frame, Add	639.02	
			For Baked Enamel Finish, Add	121.81	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-29.92	
			For 14 Gauge Frame, Add	74.80	
			For 12 Gauge Frame, Add	113.70	
08 12 13 13-0084			>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0067)</small>		
08 12 13 13-0085	EA		2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	318.15	59.34
			For Auxiliary Frame Reinforcement For Hinges, Add	29.92	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	23.94	
			For Type 304 Stainless Steel Frame, Add	364.98	
			For Type 316 Stainless Steel Frame, Add	424.82	
			For Baked Enamel Finish, Add	77.64	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-19.95	
			For 14 Gauge Frame, Add	49.87	
			For 12 Gauge Frame, Add	75.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0086 EA 2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	368.02	65.27
For Auxiliary Frame Reinforcement For Hinges, Add	35.62	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.50	
For Type 304 Stainless Steel Frame, Add	433.97	
For Type 316 Stainless Steel Frame, Add	505.21	
For Baked Enamel Finish, Add	90.82	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-23.75	
For 14 Gauge Frame, Add	59.37	
For 12 Gauge Frame, Add	90.24	
08 12 13 13-0087 EA 2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	379.73	69.23
For Auxiliary Frame Reinforcement For Hinges, Add	36.19	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.95	
For Type 304 Stainless Steel Frame, Add	441.21	
For Type 316 Stainless Steel Frame, Add	513.59	
For Baked Enamel Finish, Add	93.15	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-24.13	
For 14 Gauge Frame, Add	60.32	
For 12 Gauge Frame, Add	91.68	
08 12 13 13-0088 EA 2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	391.60	75.17
For Auxiliary Frame Reinforcement For Hinges, Add	36.19	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	28.95	
For Type 304 Stainless Steel Frame, Add	441.80	
For Type 316 Stainless Steel Frame, Add	514.18	
For Baked Enamel Finish, Add	94.93	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-24.13	
For 14 Gauge Frame, Add	60.32	
For 12 Gauge Frame, Add	91.68	
08 12 13 13-0089 EA 2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	399.36	77.14
For Auxiliary Frame Reinforcement For Hinges, Add	36.76	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	29.41	
For Type 304 Stainless Steel Frame, Add	448.84	
For Type 316 Stainless Steel Frame, Add	522.36	
For Baked Enamel Finish, Add	96.66	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-24.51	
For 14 Gauge Frame, Add	61.27	
For 12 Gauge Frame, Add	93.13	
08 12 13 13-0090 EA 3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	407.09	79.12
For Auxiliary Frame Reinforcement For Hinges, Add	37.33	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	29.86	
For Type 304 Stainless Steel Frame, Add	455.86	
For Type 316 Stainless Steel Frame, Add	530.52	
For Baked Enamel Finish, Add	98.39	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-24.89	
For 14 Gauge Frame, Add	62.22	
For 12 Gauge Frame, Add	94.57	
08 12 13 13-0091 EA 3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	432.11	83.08
For Auxiliary Frame Reinforcement For Hinges, Add	39.89	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.92	
For Type 304 Stainless Steel Frame, Add	487.04	
For Type 316 Stainless Steel Frame, Add	566.82	
For Baked Enamel Finish, Add	104.71	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.60	
For 14 Gauge Frame, Add	66.49	
For 12 Gauge Frame, Add	101.06	
08 12 13 13-0092 EA 3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	440.02	87.04
For Auxiliary Frame Reinforcement For Hinges, Add	39.89	
For Welded Frames, Add	59.50	
For Galvanized Frames, Add	31.92	
For Type 304 Stainless Steel Frame, Add	487.43	
For Type 316 Stainless Steel Frame, Add	567.22	
For Baked Enamel Finish, Add	105.90	
For 3/4 Hour Rating, Add	36.84	
For 1-1/2 Hour Rating, Add	42.10	
For 3 Hour Rating, Add	52.63	
For 18 Gauge Frame, Deduct	-26.60	
For 14 Gauge Frame, Add	66.49	
For 12 Gauge Frame, Add	101.06	

08 Openings

08 10 Doors And Frames

08 12 Metal Frames

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0093	EA 4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	457.43	90.99
	For Auxiliary Frame Reinforcement For Hinges, Add	41.32	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	33.06	
	For Type 304 Stainless Steel Frame, Add	504.93	
	For Type 316 Stainless Steel Frame, Add	587.56	
	For Baked Enamel Finish, Add	109.93	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-27.55	
	For 14 Gauge Frame, Add	68.87	
	For 12 Gauge Frame, Add	104.67	
08 12 13 13-0094	EA 5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	474.85	94.94
	For Auxiliary Frame Reinforcement For Hinges, Add	42.74	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	34.20	
	For Type 304 Stainless Steel Frame, Add	522.42	
	For Type 316 Stainless Steel Frame, Add	607.91	
	For Baked Enamel Finish, Add	113.97	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-28.50	
	For 14 Gauge Frame, Add	71.24	
	For 12 Gauge Frame, Add	108.28	
08 12 13 13-0095	EA 5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	482.76	98.90
	For Auxiliary Frame Reinforcement For Hinges, Add	42.74	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	34.20	
	For Type 304 Stainless Steel Frame, Add	522.82	
	For Type 316 Stainless Steel Frame, Add	608.31	
	For Baked Enamel Finish, Add	115.16	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-28.50	
	For 14 Gauge Frame, Add	71.24	
	For 12 Gauge Frame, Add	108.28	
08 12 13 13-0096	EA 5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	491.47	100.88
	For Auxiliary Frame Reinforcement For Hinges, Add	43.46	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	34.77	
	For Type 304 Stainless Steel Frame, Add	531.57	
	For Type 316 Stainless Steel Frame, Add	618.48	
	For Baked Enamel Finish, Add	117.18	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-28.97	
	For 14 Gauge Frame, Add	72.43	
	For 12 Gauge Frame, Add	110.09	
08 12 13 13-0097	EA 6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	500.17	102.85
	For Auxiliary Frame Reinforcement For Hinges, Add	44.17	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	35.34	
	For Type 304 Stainless Steel Frame, Add	540.31	
	For Type 316 Stainless Steel Frame, Add	628.65	
	For Baked Enamel Finish, Add	119.19	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-29.45	
	For 14 Gauge Frame, Add	73.62	
	For 12 Gauge Frame, Add	111.89	
08 12 13 13-0098	EA 7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	523.12	104.84
	For Auxiliary Frame Reinforcement For Hinges, Add	47.02	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	37.61	
	For Type 304 Stainless Steel Frame, Add	574.69	
	For Type 316 Stainless Steel Frame, Add	668.73	
	For Baked Enamel Finish, Add	125.49	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-31.35	
	For 14 Gauge Frame, Add	78.36	
	For 12 Gauge Frame, Add	119.11	
08 12 13 13-0099	EA 8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	546.08	106.81
	For Auxiliary Frame Reinforcement For Hinges, Add	49.87	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	39.89	
	For Type 304 Stainless Steel Frame, Add	609.09	
	For Type 316 Stainless Steel Frame, Add	708.83	
	For Baked Enamel Finish, Add	131.78	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-33.25	
	For 14 Gauge Frame, Add	83.11	
	For 12 Gauge Frame, Add	126.33	

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

08 12 13 13-0100			6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames ^(08 12 13 13-0100)		
08 12 13 13-0101			6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames ^(08 12 13 13-0100)		
08 12 13 13-0102	EA		2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	311.67	59.34
			For Auxiliary Frame Reinforcement For Hinges, Add	28.95	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	23.16	
			For Type 304 Stainless Steel Frame, Add	353.32	
			For Type 316 Stainless Steel Frame, Add	411.21	
			For Baked Enamel Finish, Add	75.70	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-19.30	
			For 14 Gauge Frame, Add	48.25	
			For 12 Gauge Frame, Add	73.34	
08 12 13 13-0103	EA		2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	360.30	65.27
			For Auxiliary Frame Reinforcement For Hinges, Add	34.46	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	27.57	
			For Type 304 Stainless Steel Frame, Add	420.08	
			For Type 316 Stainless Steel Frame, Add	489.00	
			For Baked Enamel Finish, Add	88.51	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-22.98	
			For 14 Gauge Frame, Add	57.44	
			For 12 Gauge Frame, Add	87.31	
08 12 13 13-0104	EA		2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	371.88	69.23
			For Auxiliary Frame Reinforcement For Hinges, Add	35.01	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.01	
			For Type 304 Stainless Steel Frame, Add	427.08	
			For Type 316 Stainless Steel Frame, Add	497.11	
			For Baked Enamel Finish, Add	90.80	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-23.34	
			For 14 Gauge Frame, Add	58.36	
			For 12 Gauge Frame, Add	88.70	
08 12 13 13-0105	EA		2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	383.75	75.17
			For Auxiliary Frame Reinforcement For Hinges, Add	35.01	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.01	
			For Type 304 Stainless Steel Frame, Add	427.67	
			For Type 316 Stainless Steel Frame, Add	497.70	
			For Baked Enamel Finish, Add	92.58	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-23.34	
			For 14 Gauge Frame, Add	58.36	
			For 12 Gauge Frame, Add	88.70	
08 12 13 13-0106	EA		2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	391.39	77.14
			For Auxiliary Frame Reinforcement For Hinges, Add	35.57	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.45	
			For Type 304 Stainless Steel Frame, Add	434.49	
			For Type 316 Stainless Steel Frame, Add	505.62	
			For Baked Enamel Finish, Add	94.27	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-23.71	
			For 14 Gauge Frame, Add	59.28	
			For 12 Gauge Frame, Add	90.10	
08 12 13 13-0107	EA		3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	399.01	79.12
			For Auxiliary Frame Reinforcement For Hinges, Add	36.12	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	28.89	
			For Type 304 Stainless Steel Frame, Add	441.32	
			For Type 316 Stainless Steel Frame, Add	513.55	
			For Baked Enamel Finish, Add	95.97	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-24.08	
			For 14 Gauge Frame, Add	60.20	
			For 12 Gauge Frame, Add	91.50	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	423.47	83.08
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	38.60	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	30.88	
		<i>For Type 304 Stainless Steel Frame, Add</i>	471.48	
		<i>For Type 316 Stainless Steel Frame, Add</i>	548.68	
		<i>For Baked Enamel Finish, Add</i>	102.12	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-25.73	
		<i>For 14 Gauge Frame, Add</i>	64.33	
		<i>For 12 Gauge Frame, Add</i>	97.78	
08 12 13 13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	431.38	87.04
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	38.60	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	30.88	
		<i>For Type 304 Stainless Steel Frame, Add</i>	471.88	
		<i>For Type 316 Stainless Steel Frame, Add</i>	549.08	
		<i>For Baked Enamel Finish, Add</i>	103.31	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-25.73	
		<i>For 14 Gauge Frame, Add</i>	64.33	
		<i>For 12 Gauge Frame, Add</i>	97.78	
08 12 13 13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	448.48	90.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	39.98	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	31.98	
		<i>For Type 304 Stainless Steel Frame, Add</i>	488.82	
		<i>For Type 316 Stainless Steel Frame, Add</i>	568.77	
		<i>For Baked Enamel Finish, Add</i>	107.25	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-26.65	
		<i>For 14 Gauge Frame, Add</i>	66.63	
		<i>For 12 Gauge Frame, Add</i>	101.27	
08 12 13 13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	465.59	94.94
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.08	
		<i>For Type 304 Stainless Steel Frame, Add</i>	505.75	
		<i>For Type 316 Stainless Steel Frame, Add</i>	588.46	
		<i>For Baked Enamel Finish, Add</i>	111.19	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.57	
		<i>For 14 Gauge Frame, Add</i>	68.93	
		<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13 13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	473.50	98.90
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.08	
		<i>For Type 304 Stainless Steel Frame, Add</i>	506.15	
		<i>For Type 316 Stainless Steel Frame, Add</i>	588.86	
		<i>For Baked Enamel Finish, Add</i>	112.38	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.57	
		<i>For 14 Gauge Frame, Add</i>	68.93	
		<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13 13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	482.05	100.88
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.04	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.63	
		<i>For Type 304 Stainless Steel Frame, Add</i>	514.61	
		<i>For Type 316 Stainless Steel Frame, Add</i>	598.70	
		<i>For Baked Enamel Finish, Add</i>	114.35	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-28.03	
		<i>For 14 Gauge Frame, Add</i>	70.07	
		<i>For 12 Gauge Frame, Add</i>	106.51	
08 12 13 13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	490.60	102.85
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.73	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	34.19	
		<i>For Type 304 Stainless Steel Frame, Add</i>	523.09	
		<i>For Type 316 Stainless Steel Frame, Add</i>	608.55	
		<i>For Baked Enamel Finish, Add</i>	116.32	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-28.49	
		<i>For 14 Gauge Frame, Add</i>	71.22	
		<i>For 12 Gauge Frame, Add</i>	108.26	

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

08 12 13 13-0115	EA		7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	512.94	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	45.49	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	36.39	
			For Type 304 Stainless Steel Frame, Add	556.37	
			For Type 316 Stainless Steel Frame, Add	647.35	
			For Baked Enamel Finish, Add	122.43	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-30.33	
			For 14 Gauge Frame, Add	75.82	
			For 12 Gauge Frame, Add	115.24	
08 12 13 13-0116	EA		8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	535.28	106.81
			For Auxiliary Frame Reinforcement For Hinges, Add	48.25	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	38.60	
			For Type 304 Stainless Steel Frame, Add	589.65	
			For Type 316 Stainless Steel Frame, Add	686.15	
			For Baked Enamel Finish, Add	128.54	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-32.17	
			For 14 Gauge Frame, Add	80.41	
			For 12 Gauge Frame, Add	122.23	

08 12 13 13-0117 >7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0100)

08 12 13 13-0118	EA		2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	333.11	59.34
			For Auxiliary Frame Reinforcement For Hinges, Add	32.16	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	25.73	
			For Type 304 Stainless Steel Frame, Add	391.91	
			For Type 316 Stainless Steel Frame, Add	456.24	
			For Baked Enamel Finish, Add	82.13	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-21.44	
			For 14 Gauge Frame, Add	53.61	
			For 12 Gauge Frame, Add	81.48	
08 12 13 13-0119	EA		2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	385.83	65.27
			For Auxiliary Frame Reinforcement For Hinges, Add	38.29	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	30.63	
			For Type 304 Stainless Steel Frame, Add	466.03	
			For Type 316 Stainless Steel Frame, Add	542.62	
			For Baked Enamel Finish, Add	96.17	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-25.53	
			For 14 Gauge Frame, Add	63.82	
			For 12 Gauge Frame, Add	97.01	
08 12 13 13-0120	EA		2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	397.82	69.23
			For Auxiliary Frame Reinforcement For Hinges, Add	38.90	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	31.12	
			For Type 304 Stainless Steel Frame, Add	473.77	
			For Type 316 Stainless Steel Frame, Add	551.58	
			For Baked Enamel Finish, Add	98.58	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-25.94	
			For 14 Gauge Frame, Add	64.84	
			For 12 Gauge Frame, Add	98.56	
08 12 13 13-0121	EA		2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	409.69	75.17
			For Auxiliary Frame Reinforcement For Hinges, Add	38.90	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	31.12	
			For Type 304 Stainless Steel Frame, Add	474.36	
			For Type 316 Stainless Steel Frame, Add	552.17	
			For Baked Enamel Finish, Add	100.36	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-25.94	
			For 14 Gauge Frame, Add	64.84	
			For 12 Gauge Frame, Add	98.56	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	417.74	77.14
		For Auxiliary Frame Reinforcement For Hinges, Add	39.52	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	31.61	
		For Type 304 Stainless Steel Frame, Add	481.92	
		For Type 316 Stainless Steel Frame, Add	560.96	
		For Baked Enamel Finish, Add	102.18	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-26.35	
		For 14 Gauge Frame, Add	65.86	
		For 12 Gauge Frame, Add	100.11	
08 12 13 13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	425.76	79.12
		For Auxiliary Frame Reinforcement For Hinges, Add	40.13	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	32.10	
		For Type 304 Stainless Steel Frame, Add	489.47	
		For Type 316 Stainless Steel Frame, Add	569.72	
		For Baked Enamel Finish, Add	103.99	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-26.75	
		For 14 Gauge Frame, Add	66.88	
		For 12 Gauge Frame, Add	101.66	
08 12 13 13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	452.06	83.08
		For Auxiliary Frame Reinforcement For Hinges, Add	42.89	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	34.31	
		For Type 304 Stainless Steel Frame, Add	522.95	
		For Type 316 Stainless Steel Frame, Add	608.72	
		For Baked Enamel Finish, Add	110.70	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-28.59	
		For 14 Gauge Frame, Add	71.48	
		For 12 Gauge Frame, Add	108.65	
08 12 13 13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	459.97	87.04
		For Auxiliary Frame Reinforcement For Hinges, Add	42.89	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	34.31	
		For Type 304 Stainless Steel Frame, Add	523.34	
		For Type 316 Stainless Steel Frame, Add	609.11	
		For Baked Enamel Finish, Add	111.88	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-28.59	
		For 14 Gauge Frame, Add	71.48	
		For 12 Gauge Frame, Add	108.65	
08 12 13 13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	478.09	90.99
		For Auxiliary Frame Reinforcement For Hinges, Add	44.42	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	35.53	
		For Type 304 Stainless Steel Frame, Add	542.11	
		For Type 316 Stainless Steel Frame, Add	630.95	
		For Baked Enamel Finish, Add	116.13	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-29.61	
		For 14 Gauge Frame, Add	74.03	
		For 12 Gauge Frame, Add	112.53	
08 12 13 13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	496.22	94.94
		For Auxiliary Frame Reinforcement For Hinges, Add	45.95	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	36.76	
		For Type 304 Stainless Steel Frame, Add	560.89	
		For Type 316 Stainless Steel Frame, Add	652.79	
		For Baked Enamel Finish, Add	120.38	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-30.63	
		For 14 Gauge Frame, Add	76.58	
		For 12 Gauge Frame, Add	116.41	
08 12 13 13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	504.13	98.90
		For Auxiliary Frame Reinforcement For Hinges, Add	45.95	
		For Welded Frames, Add	59.50	
		For Galvanized Frames, Add	36.76	
		For Type 304 Stainless Steel Frame, Add	561.28	
		For Type 316 Stainless Steel Frame, Add	653.18	
		For Baked Enamel Finish, Add	121.57	
		For 3/4 Hour Rating, Add	36.84	
		For 1-1/2 Hour Rating, Add	42.10	
		For 3 Hour Rating, Add	52.63	
		For 18 Gauge Frame, Deduct	-30.63	
		For 14 Gauge Frame, Add	76.58	
		For 12 Gauge Frame, Add	116.41	

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

08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame	513.20	100.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	46.72	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	37.37	
			<i>For Type 304 Stainless Steel Frame, Add</i>	570.68	
			<i>For Type 316 Stainless Steel Frame, Add</i>	664.11	
			<i>For Baked Enamel Finish, Add</i>	123.70	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-31.14	
			<i>For 14 Gauge Frame, Add</i>	77.86	
			<i>For 12 Gauge Frame, Add</i>	118.35	
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	522.25	102.85
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	47.48	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	37.98	
			<i>For Type 304 Stainless Steel Frame, Add</i>	580.06	
			<i>For Type 316 Stainless Steel Frame, Add</i>	675.02	
			<i>For Baked Enamel Finish, Add</i>	125.82	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-31.65	
			<i>For 14 Gauge Frame, Add</i>	79.14	
			<i>For 12 Gauge Frame, Add</i>	120.29	
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	546.63	104.84
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	50.54	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	40.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	617.01	
			<i>For Type 316 Stainless Steel Frame, Add</i>	718.10	
			<i>For Baked Enamel Finish, Add</i>	132.54	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-33.70	
			<i>For 14 Gauge Frame, Add</i>	84.24	
			<i>For 12 Gauge Frame, Add</i>	128.04	
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Metal Door Frame.....	571.02	106.81
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.61	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	42.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	653.98	
			<i>For Type 316 Stainless Steel Frame, Add</i>	761.20	
			<i>For Baked Enamel Finish, Add</i>	139.26	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-35.74	
			<i>For 14 Gauge Frame, Add</i>	89.35	
			<i>For 12 Gauge Frame, Add</i>	135.81	
08 12 13 13-0133			8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13)</small>		
08 12 13 13-0134			6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames <small>(08 12 13 13-0133)</small>		
08 12 13 13-0135	EA		2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	320.65	59.34
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	30.30	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	24.24	
			<i>For Type 304 Stainless Steel Frame, Add</i>	369.48	
			<i>For Type 316 Stainless Steel Frame, Add</i>	430.07	
			<i>For Baked Enamel Finish, Add</i>	78.39	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-20.20	
			<i>For 14 Gauge Frame, Add</i>	50.49	
			<i>For 12 Gauge Frame, Add</i>	76.75	
08 12 13 13-0136	EA		2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	370.98	65.27
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.06	
			<i>For Welded Frames, Add</i>	59.50	
			<i>For Galvanized Frames, Add</i>	28.85	
			<i>For Type 304 Stainless Steel Frame, Add</i>	439.30	
			<i>For Type 316 Stainless Steel Frame, Add</i>	511.43	
			<i>For Baked Enamel Finish, Add</i>	91.71	
			<i>For 3/4 Hour Rating, Add</i>	36.84	
			<i>For 1-1/2 Hour Rating, Add</i>	42.10	
			<i>For 3 Hour Rating, Add</i>	52.63	
			<i>For 18 Gauge Frame, Deduct</i>	-24.04	
			<i>For 14 Gauge Frame, Add</i>	60.11	
			<i>For 12 Gauge Frame, Add</i>	91.36	

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	382.74	69.23
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.64	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	29.31	
		<i>For Type 304 Stainless Steel Frame, Add</i>	446.63	
		<i>For Type 316 Stainless Steel Frame, Add</i>	519.91	
		<i>For Baked Enamel Finish, Add</i>	94.05	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-24.43	
		<i>For 14 Gauge Frame, Add</i>	61.07	
		<i>For 12 Gauge Frame, Add</i>	92.83	
08 12 13 13-0138	EA	2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	394.61	75.17
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	36.64	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	29.31	
		<i>For Type 304 Stainless Steel Frame, Add</i>	447.22	
		<i>For Type 316 Stainless Steel Frame, Add</i>	520.50	
		<i>For Baked Enamel Finish, Add</i>	95.83	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-24.43	
		<i>For 14 Gauge Frame, Add</i>	61.07	
		<i>For 12 Gauge Frame, Add</i>	92.83	
08 12 13 13-0139	EA	2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	402.42	77.14
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	37.22	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	29.78	
		<i>For Type 304 Stainless Steel Frame, Add</i>	454.35	
		<i>For Type 316 Stainless Steel Frame, Add</i>	528.79	
		<i>For Baked Enamel Finish, Add</i>	97.58	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-24.81	
		<i>For 14 Gauge Frame, Add</i>	62.03	
		<i>For 12 Gauge Frame, Add</i>	94.29	
08 12 13 13-0140	EA	3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	410.21	79.12
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	37.80	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	30.24	
		<i>For Type 304 Stainless Steel Frame, Add</i>	461.48	
		<i>For Type 316 Stainless Steel Frame, Add</i>	537.07	
		<i>For Baked Enamel Finish, Add</i>	99.33	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-25.20	
		<i>For 14 Gauge Frame, Add</i>	63.00	
		<i>For 12 Gauge Frame, Add</i>	95.75	
08 12 13 13-0141	EA	3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	435.44	83.08
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.39	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	32.31	
		<i>For Type 304 Stainless Steel Frame, Add</i>	493.03	
		<i>For Type 316 Stainless Steel Frame, Add</i>	573.82	
		<i>For Baked Enamel Finish, Add</i>	105.71	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-26.93	
		<i>For 14 Gauge Frame, Add</i>	67.32	
		<i>For 12 Gauge Frame, Add</i>	102.33	
08 12 13 13-0142	EA	3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	443.35	87.04
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.39	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	32.31	
		<i>For Type 304 Stainless Steel Frame, Add</i>	493.43	
		<i>For Type 316 Stainless Steel Frame, Add</i>	574.21	
		<i>For Baked Enamel Finish, Add</i>	106.90	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-26.93	
		<i>For 14 Gauge Frame, Add</i>	67.32	
		<i>For 12 Gauge Frame, Add</i>	102.33	
08 12 13 13-0143	EA	4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	460.87	90.99
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.84	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.47	
		<i>For Type 304 Stainless Steel Frame, Add</i>	511.12	
		<i>For Type 316 Stainless Steel Frame, Add</i>	594.79	
		<i>For Baked Enamel Finish, Add</i>	110.97	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.89	
		<i>For 14 Gauge Frame, Add</i>	69.73	
		<i>For 12 Gauge Frame, Add</i>	105.98	

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

08 12 13 13-0144	EA		5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	478.41	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	43.28	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	34.62	
			For Type 304 Stainless Steel Frame, Add	528.83	
			For Type 316 Stainless Steel Frame, Add	615.39	
			For Baked Enamel Finish, Add	115.04	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-28.85	
			For 14 Gauge Frame, Add	72.13	
			For 12 Gauge Frame, Add	109.64	
08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	486.32	98.90
			For Auxiliary Frame Reinforcement For Hinges, Add	43.28	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	34.62	
			For Type 304 Stainless Steel Frame, Add	529.23	
			For Type 316 Stainless Steel Frame, Add	615.78	
			For Baked Enamel Finish, Add	116.23	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-28.85	
			For 14 Gauge Frame, Add	72.13	
			For 12 Gauge Frame, Add	109.64	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	495.09	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	44.00	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	35.20	
			For Type 304 Stainless Steel Frame, Add	538.08	
			For Type 316 Stainless Steel Frame, Add	626.08	
			For Baked Enamel Finish, Add	118.26	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-29.33	
			For 14 Gauge Frame, Add	73.33	
			For 12 Gauge Frame, Add	111.47	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	503.85	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	44.72	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	35.78	
			For Type 304 Stainless Steel Frame, Add	546.94	
			For Type 316 Stainless Steel Frame, Add	636.38	
			For Baked Enamel Finish, Add	120.30	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-29.81	
			For 14 Gauge Frame, Add	74.54	
			For 12 Gauge Frame, Add	113.29	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	527.04	104.88
			For Auxiliary Frame Reinforcement For Hinges, Add	47.61	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	38.08	
			For Type 304 Stainless Steel Frame, Add	581.75	
			For Type 316 Stainless Steel Frame, Add	676.96	
			For Baked Enamel Finish, Add	126.66	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-31.74	
			For 14 Gauge Frame, Add	79.34	
			For 12 Gauge Frame, Add	120.60	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	550.24	106.81
			For Auxiliary Frame Reinforcement For Hinges, Add	50.49	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	40.39	
			For Type 304 Stainless Steel Frame, Add	616.58	
			For Type 316 Stainless Steel Frame, Add	717.56	
			For Baked Enamel Finish, Add	133.03	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-33.66	
			For 14 Gauge Frame, Add	84.15	
			For 12 Gauge Frame, Add	127.91	

08 12 13 13-0150 >7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frames (08 12 13 13-0133)

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 12 13 13-0151	EA	2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	343.09	59.34
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	33.66	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	26.93	
		<i>For Type 304 Stainless Steel Frame, Add</i>	409.87	
		<i>For Type 316 Stainless Steel Frame, Add</i>	477.20	
		<i>For Baked Enamel Finish, Add</i>	85.13	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-22.44	
		<i>For 14 Gauge Frame, Add</i>	56.10	
		<i>For 12 Gauge Frame, Add</i>	85.28	
08 12 13 13-0152	EA	2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	397.70	65.27
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.07	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	32.06	
		<i>For Type 304 Stainless Steel Frame, Add</i>	487.40	
		<i>For Type 316 Stainless Steel Frame, Add</i>	567.54	
		<i>For Baked Enamel Finish, Add</i>	99.73	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-26.72	
		<i>For 14 Gauge Frame, Add</i>	66.79	
		<i>For 12 Gauge Frame, Add</i>	101.52	
08 12 13 13-0153	EA	2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	409.88	69.23
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.71	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	32.57	
		<i>For Type 304 Stainless Steel Frame, Add</i>	495.48	
		<i>For Type 316 Stainless Steel Frame, Add</i>	576.91	
		<i>For Baked Enamel Finish, Add</i>	102.20	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.14	
		<i>For 14 Gauge Frame, Add</i>	67.86	
		<i>For 12 Gauge Frame, Add</i>	103.14	
08 12 13 13-0154	EA	2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	421.75	75.17
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	40.71	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	32.57	
		<i>For Type 304 Stainless Steel Frame, Add</i>	496.07	
		<i>For Type 316 Stainless Steel Frame, Add</i>	577.50	
		<i>For Baked Enamel Finish, Add</i>	103.98	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.14	
		<i>For 14 Gauge Frame, Add</i>	67.86	
		<i>For 12 Gauge Frame, Add</i>	103.14	
08 12 13 13-0155	EA	2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	429.99	77.14
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	41.36	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.08	
		<i>For Type 304 Stainless Steel Frame, Add</i>	503.97	
		<i>For Type 316 Stainless Steel Frame, Add</i>	586.68	
		<i>For Baked Enamel Finish, Add</i>	105.85	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-27.57	
		<i>For 14 Gauge Frame, Add</i>	68.93	
		<i>For 12 Gauge Frame, Add</i>	104.77	
08 12 13 13-0156	EA	3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	438.20	79.12
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	42.00	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	33.60	
		<i>For Type 304 Stainless Steel Frame, Add</i>	511.86	
		<i>For Type 316 Stainless Steel Frame, Add</i>	595.85	
		<i>For Baked Enamel Finish, Add</i>	107.73	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-28.00	
		<i>For 14 Gauge Frame, Add</i>	69.99	
		<i>For 12 Gauge Frame, Add</i>	106.39	
08 12 13 13-0157	EA	3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	465.36	83.08
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.88	
		<i>For Welded Frames, Add</i>	59.50	
		<i>For Galvanized Frames, Add</i>	35.91	
		<i>For Type 304 Stainless Steel Frame, Add</i>	546.89	
		<i>For Type 316 Stainless Steel Frame, Add</i>	636.65	
		<i>For Baked Enamel Finish, Add</i>	114.69	
		<i>For 3/4 Hour Rating, Add</i>	36.84	
		<i>For 1-1/2 Hour Rating, Add</i>	42.10	
		<i>For 3 Hour Rating, Add</i>	52.63	
		<i>For 18 Gauge Frame, Deduct</i>	-29.92	
		<i>For 14 Gauge Frame, Add</i>	74.80	
		<i>For 12 Gauge Frame, Add</i>	113.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0158	EA		3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	473.27	87.04
			For Auxiliary Frame Reinforcement For Hinges, Add	44.88	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	35.91	
			For Type 304 Stainless Steel Frame, Add	547.28	
			For Type 316 Stainless Steel Frame, Add	637.04	
			For Baked Enamel Finish, Add	115.87	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-29.92	
			For 14 Gauge Frame, Add	74.80	
			For 12 Gauge Frame, Add	113.70	
08 12 13 13-0159	EA		4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	491.86	90.99
			For Auxiliary Frame Reinforcement For Hinges, Add	46.48	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	37.19	
			For Type 304 Stainless Steel Frame, Add	566.90	
			For Type 316 Stainless Steel Frame, Add	659.87	
			For Baked Enamel Finish, Add	120.26	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-30.99	
			For 14 Gauge Frame, Add	77.47	
			For 12 Gauge Frame, Add	117.76	
08 12 13 13-0160	EA		5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	510.47	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	48.09	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	38.47	
			For Type 304 Stainless Steel Frame, Add	586.54	
			For Type 316 Stainless Steel Frame, Add	682.71	
			For Baked Enamel Finish, Add	124.66	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-32.06	
			For 14 Gauge Frame, Add	80.15	
			For 12 Gauge Frame, Add	121.82	
08 12 13 13-0161	EA		5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	518.38	98.90
			For Auxiliary Frame Reinforcement For Hinges, Add	48.09	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	38.47	
			For Type 304 Stainless Steel Frame, Add	586.93	
			For Type 316 Stainless Steel Frame, Add	683.11	
			For Baked Enamel Finish, Add	125.84	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-32.06	
			For 14 Gauge Frame, Add	80.15	
			For 12 Gauge Frame, Add	121.82	
08 12 13 13-0162	EA		5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	527.68	100.88
			For Auxiliary Frame Reinforcement For Hinges, Add	48.89	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	39.11	
			For Type 304 Stainless Steel Frame, Add	596.74	
			For Type 316 Stainless Steel Frame, Add	694.52	
			For Baked Enamel Finish, Add	128.04	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-32.59	
			For 14 Gauge Frame, Add	81.48	
			For 12 Gauge Frame, Add	123.85	
08 12 13 13-0163	EA		6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	536.98	102.85
			For Auxiliary Frame Reinforcement For Hinges, Add	49.69	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	39.75	
			For Type 304 Stainless Steel Frame, Add	606.57	
			For Type 316 Stainless Steel Frame, Add	705.95	
			For Baked Enamel Finish, Add	130.24	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-33.13	
			For 14 Gauge Frame, Add	82.82	
			For 12 Gauge Frame, Add	125.88	
08 12 13 13-0164	EA		7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame	562.30	104.84
			For Auxiliary Frame Reinforcement For Hinges, Add	52.89	
			For Welded Frames, Add	59.50	
			For Galvanized Frames, Add	42.32	
			For Type 304 Stainless Steel Frame, Add	645.22	
			For Type 316 Stainless Steel Frame, Add	751.01	
			For Baked Enamel Finish, Add	137.24	
			For 3/4 Hour Rating, Add	36.84	
			For 1-1/2 Hour Rating, Add	42.10	
			For 3 Hour Rating, Add	52.63	
			For 18 Gauge Frame, Deduct	-35.26	
			For 14 Gauge Frame, Add	88.16	
			For 12 Gauge Frame, Add	134.00	

08 Openings
08 10 Doors And Frames
08 12 Metal Frames

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0165	EA 8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Metal Door Frame.....	587.64	106.81
	For Auxiliary Frame Reinforcement For Hinges, Add	56.10	
	For Welded Frames, Add	59.50	
	For Galvanized Frames, Add	44.88	
	For Type 304 Stainless Steel Frame, Add	683.90	
	For Type 316 Stainless Steel Frame, Add	796.10	
	For Baked Enamel Finish, Add	144.25	
	For 3/4 Hour Rating, Add	36.84	
	For 1-1/2 Hour Rating, Add	42.10	
	For 3 Hour Rating, Add	52.63	
	For 18 Gauge Frame, Deduct	-37.40	
	For 14 Gauge Frame, Add	93.50	
	For 12 Gauge Frame, Add	142.12	
08 12 13 13-0166	Sidelights And Transoms <small>(08 12 13 13)</small>		
08 12 13 13-0167	Steel Transoms, Fixed <small>(08 12 13 13-0166)</small>		
	Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0168	SF 4-3/4" Deep Steel Transom, 16 Gauge Frame.....	40.31	11.07
	For Movable Frame, Add	8.06	
	For 18 Gauge Frame, Deduct	-1.82	
	For 14 Gauge Frame, Add	4.54	
	For 12 Gauge Frame, Add	6.90	
08 12 13 13-0169	SF 5-3/4" Deep Steel Transom, 16 Gauge Frame.....	42.00	11.48
	For Movable Frame, Add	8.40	
	For 18 Gauge Frame, Deduct	-1.91	
	For 14 Gauge Frame, Add	4.77	
	For 12 Gauge Frame, Add	7.24	
08 12 13 13-0170	SF 6-3/4" Deep Steel Transom, 16 Gauge Frame.....	43.76	11.87
	For Movable Frame, Add	8.75	
	For 18 Gauge Frame, Deduct	-2.00	
	For 14 Gauge Frame, Add	5.01	
	For 12 Gauge Frame, Add	7.61	
08 12 13 13-0171	Steel Transom Sash, Operable <small>(08 12 13 13-0166)</small>		
	Note: Includes hardware.		
08 12 13 13-0172	SF 4-3/4" Deep Steel Transom Sash, 16 Gauge Frame.....	52.58	11.07
	For 18 Gauge Frame, Deduct	-3.04	
	For 14 Gauge Frame, Add	7.61	
	For 12 Gauge Frame, Add	11.56	
08 12 13 13-0173	SF 5-3/4" Deep Steel Transom Sash, 16 Gauge Frame.....	54.90	11.48
	For 18 Gauge Frame, Deduct	-3.20	
	For 14 Gauge Frame, Add	7.99	
	For 12 Gauge Frame, Add	12.14	
08 12 13 13-0174	SF 6-3/4" Deep Steel Transom Sash, 16 Gauge Frame.....	57.29	11.87
	For 18 Gauge Frame, Deduct	-3.36	
	For 14 Gauge Frame, Add	8.39	
	For 12 Gauge Frame, Add	12.75	
08 12 13 13-0175	Sidelights, Steel Frame <small>(08 12 13 13-0166)</small>		
	Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176	SF 4-3/4" Deep Sidelights, 16 Gauge Frame	41.67	11.07
	For 18 Gauge Frame, Deduct	-1.95	
	For 14 Gauge Frame, Add	4.88	
	For 12 Gauge Frame, Add	7.42	
08 12 13 13-0177	SF 5-3/4" Deep Sidelights, 16 Gauge Frame	43.44	11.48
	For 18 Gauge Frame, Deduct	-2.05	
	For 14 Gauge Frame, Add	5.13	
	For 12 Gauge Frame, Add	7.79	
08 12 13 13-0178	SF 6-3/4" Deep Sidelights, 16 Gauge Frame	45.25	11.87
	For 18 Gauge Frame, Deduct	-2.15	
	For 14 Gauge Frame, Add	5.38	
	For 12 Gauge Frame, Add	8.17	
08 12 13 13-0179	Sundry Hollow Metal Frame Sections <small>(08 12 13 13)</small>		
08 12 13 13-0180	Verticals, Mullions <small>(08 12 13 13-0179)</small>		
08 12 13 13-0181	LF 4-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	25.70	4.43
	For 18 Gauge Frame, Deduct	-1.46	
	For 14 Gauge Frame, Add	3.64	
	For 12 Gauge Frame, Add	5.53	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0182	LF 4-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	26.29	4.43
	For 18 Gauge Frame, Deduct	-1.51	
	For 14 Gauge Frame, Add	3.79	
	For 12 Gauge Frame, Add	5.75	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 12 13 13-0183	LF 5-1/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	26.02	4.59
	For 18 Gauge Frame, Deduct	-1.46	
	For 14 Gauge Frame, Add	3.64	
	For 12 Gauge Frame, Add	5.53	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0184	LF 5-1/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	26.93	4.59
	For 18 Gauge Frame, Deduct	-1.55	
	For 14 Gauge Frame, Add	3.87	
	For 12 Gauge Frame, Add	5.87	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0185	LF 6-3/4" x 1-3/4" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	27.00	4.67
	For 18 Gauge Frame, Deduct	-1.53	
	For 14 Gauge Frame, Add	3.82	
	For 12 Gauge Frame, Add	5.81	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0186	LF 6-3/4" x 2" Mullions, Vertical 16 Gauge Hollow Metal Frame Section.....	27.35	4.67
	For 18 Gauge Frame, Deduct	-1.56	
	For 14 Gauge Frame, Add	3.91	
	For 12 Gauge Frame, Add	5.94	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	

08 12 13 13-0187 Horizontals, Rails (08 12 13 13-0179)

08 12 13 13-0188	LF 4-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	18.43	4.43
	For 18 Gauge Frame, Deduct	-0.73	
	For 14 Gauge Frame, Add	1.82	
	For 12 Gauge Frame, Add	2.77	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0189	LF 4-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	19.17	4.43
	For 18 Gauge Frame, Deduct	-0.80	
	For 14 Gauge Frame, Add	2.01	
	For 12 Gauge Frame, Add	3.05	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0190	LF 5-1/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	18.75	4.59
	For 18 Gauge Frame, Deduct	-0.73	
	For 14 Gauge Frame, Add	1.82	
	For 12 Gauge Frame, Add	2.77	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0191	LF 5-1/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	19.49	4.59
	For 18 Gauge Frame, Deduct	-0.80	
	For 14 Gauge Frame, Add	2.01	
	For 12 Gauge Frame, Add	3.05	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0192	LF 6-3/4" x 1-3/4" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	19.36	4.67
	For 18 Gauge Frame, Deduct	-0.76	
	For 14 Gauge Frame, Add	1.91	
	For 12 Gauge Frame, Add	2.90	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	
08 12 13 13-0193	LF 6-3/4" x 2" Rails, Horizontal 16 Gauge Hollow Metal Frame Section.....	20.01	4.67
	For 18 Gauge Frame, Deduct	-0.83	
	For 14 Gauge Frame, Add	2.07	
	For 12 Gauge Frame, Add	3.15	
	For 3 Hour Frame, Add	8.00	
	For 1-1/2 Hour Frame, Add	5.00	
	For 3/4 Hour Frame, Add	4.00	

08 12 13 13-0194 Metal Frames Accessories (08 12 13 13)

08 12 13 13-0195	EA For 1 Foot Extension Of New Door Frame.....	26.12	
------------------	--	-------	--

08 12 16 Aluminum Frames (08 12)

08 12 16 00-0001	Aluminum 1/8" Two Pieces <small>(08 12 16)</small>		
08 12 16 00-0002	4-1/8" x 3/8" <small>(08 12 16 00-0001)</small>		
08 12 16 00-0003	EA 2 Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	899.09	43.51
08 12 16 00-0004	EA 2 Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	899.09	43.51
08 12 16 00-0005	4-3/4" x 1-3/8" <small>(08 12 16 00-0001)</small>		
08 12 16 00-0006	EA 2 Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....	899.09	43.51

08 Openings**08 10 Doors And Frames****08 12 Metal Frames**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 12 16 00-0007 EA 2 Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....899.09 43.51

08 13 Metal Doors (08 10)

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors (08 13)**08 13 13 13 Standard Hollow Metal Doors** (08 13 13)

Note: Full flush, impregnated honeycomb core, epoxy baked-on primer.

 08 13 13 13-0001 20 Gauge 1-3/4" Unrated Door (08 13 13 13)

 08 13 13 13-0002 6'-8" High (08 13 13 13-0001)

08 13 13 13-0003	EA	2' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	422.53	43.51
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.10	
		<i>For Type 304 Stainless Steel Door, Add</i>	272.74	
		<i>For Type 316 Stainless Steel Door, Add</i>	440.49	
		<i>For Embossed Panel, Add</i>	80.52	
		<i>For Galvanized Steel, Add</i>	50.32	
		<i>For Baked Enamel Finish, Add</i>	152.87	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-23.30	
		<i>For >100, Deduct</i>	-33.87	
		<i>For Insulated Door (Polystyrene Core), Add</i>	33.55	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	83.87	
		<i>For Seamless Edge (Welded), Add</i>	41.94	
08 13 13 13-0004	EA	2'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	422.53	43.51
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.10	
		<i>For Type 304 Stainless Steel Door, Add</i>	272.74	
		<i>For Type 316 Stainless Steel Door, Add</i>	440.49	
		<i>For Embossed Panel, Add</i>	80.52	
		<i>For Galvanized Steel, Add</i>	50.32	
		<i>For Baked Enamel Finish, Add</i>	152.87	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-23.30	
		<i>For >100, Deduct</i>	-33.87	
		<i>For Insulated Door (Polystyrene Core), Add</i>	33.55	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	83.87	
		<i>For Seamless Edge (Welded), Add</i>	41.94	
08 13 13 13-0005	EA	2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	433.34	45.50
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.41	
		<i>For Type 304 Stainless Steel Door, Add</i>	278.43	
		<i>For Type 316 Stainless Steel Door, Add</i>	449.60	
		<i>For Embossed Panel, Add</i>	82.16	
		<i>For Galvanized Steel, Add</i>	51.35	
		<i>For Baked Enamel Finish, Add</i>	157.30	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-23.94	
		<i>For >100, Deduct</i>	-34.78	
		<i>For Insulated Door (Polystyrene Core), Add</i>	34.24	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	85.59	
		<i>For Seamless Edge (Welded), Add</i>	42.79	
08 13 13 13-0006	EA	2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	438.45	45.50
		<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.64	
		<i>For Type 304 Stainless Steel Door, Add</i>	282.52	
		<i>For Type 316 Stainless Steel Door, Add</i>	456.25	
		<i>For Embossed Panel, Add</i>	83.39	
		<i>For Galvanized Steel, Add</i>	52.12	
		<i>For Baked Enamel Finish, Add</i>	158.83	
		<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
		<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
		<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
		<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
		<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-24.20	
		<i>For >100, Deduct</i>	-35.16	
		<i>For Insulated Door (Polystyrene Core), Add</i>	34.75	
		<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	86.87	
		<i>For Seamless Edge (Welded), Add</i>	43.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0007 EA 2'-10" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	442.48	46.48
For Composite Door Instead Of Full Panel Door, Add	15.73	
For Type 304 Stainless Steel Door, Add	284.26	
For Type 316 Stainless Steel Door, Add	459.01	
For Embossed Panel, Add	83.88	
For Galvanized Steel, Add	52.43	
For Baked Enamel Finish, Add	160.64	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.45	
For >100, Deduct	-35.51	
For Insulated Door (Polystyrene Core), Add	34.95	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	87.38	
For Seamless Edge (Welded), Add	43.69	
08 13 13 13-0008 EA 3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	446.49	47.47
For Composite Door Instead Of Full Panel Door, Add	15.82	
For Type 304 Stainless Steel Door, Add	285.99	
For Type 316 Stainless Steel Door, Add	461.76	
For Embossed Panel, Add	84.37	
For Galvanized Steel, Add	52.73	
For Baked Enamel Finish, Add	162.43	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-24.70	
For >100, Deduct	-35.86	
For Insulated Door (Polystyrene Core), Add	35.16	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	87.89	
For Seamless Edge (Welded), Add	43.94	
08 13 13 13-0009 EA 3'-4" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	473.06	47.47
For Composite Door Instead Of Full Panel Door, Add	17.02	
For Type 304 Stainless Steel Door, Add	307.24	
For Type 316 Stainless Steel Door, Add	496.30	
For Embossed Panel, Add	90.75	
For Galvanized Steel, Add	56.72	
For Baked Enamel Finish, Add	170.40	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-26.03	
For >100, Deduct	-37.85	
For Insulated Door (Polystyrene Core), Add	37.81	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.53	
For Seamless Edge (Welded), Add	47.27	
08 13 13 13-0010 EA 3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	487.24	49.45
For Composite Door Instead Of Full Panel Door, Add	17.48	
For Type 304 Stainless Steel Door, Add	315.62	
For Type 316 Stainless Steel Door, Add	509.79	
For Embossed Panel, Add	93.20	
For Galvanized Steel, Add	58.25	
For Baked Enamel Finish, Add	175.84	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-26.83	
For >100, Deduct	-39.02	
For Insulated Door (Polystyrene Core), Add	38.83	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	97.09	
For Seamless Edge (Welded), Add	48.54	
08 13 13 13-0011 EA 4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	536.03	53.41
For Composite Door Instead Of Full Panel Door, Add	19.31	
For Type 304 Stainless Steel Door, Add	348.72	
For Type 316 Stainless Steel Door, Add	563.33	
For Embossed Panel, Add	103.01	
For Galvanized Steel, Add	64.38	
For Baked Enamel Finish, Add	192.85	
For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
For 45 Minutes Rated Door And FM Label, Add	41.40	
For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
For >50 To 100, Deduct	-29.47	
For >100, Deduct	-42.87	
For Insulated Door (Polystyrene Core), Add	42.92	
For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	107.31	
For Seamless Edge (Welded), Add	53.65	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0012	PR	Pair 2'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	857.58	86.44
		For Composite Door Instead Of Full Panel Door, Add	30.81	
		For Type 304 Stainless Steel Door, Add	556.41	
		For Type 316 Stainless Steel Door, Add	898.77	
		For Embossed Panel, Add	164.33	
		For Galvanized Steel, Add	102.71	
		For Baked Enamel Finish, Add	309.14	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-47.20	
		For >100, Deduct	-68.64	
		For Insulated Door (Polystyrene Core), Add	68.47	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	171.18	
		For Seamless Edge (Welded), Add	85.59	
08 13 13 13-0013	PR	Pair 2'-8" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	867.80	86.44
		For Composite Door Instead Of Full Panel Door, Add	31.27	
		For Type 304 Stainless Steel Door, Add	564.59	
		For Type 316 Stainless Steel Door, Add	912.05	
		For Embossed Panel, Add	166.78	
		For Galvanized Steel, Add	104.24	
		For Baked Enamel Finish, Add	312.20	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-47.71	
		For >100, Deduct	-69.41	
		For Insulated Door (Polystyrene Core), Add	69.49	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	173.73	
		For Seamless Edge (Welded), Add	86.87	
08 13 13 13-0014	PR	Pair 2'-10" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	853.30	77.14
		For Composite Door Instead Of Full Panel Door, Add	31.46	
		For Type 304 Stainless Steel Door, Add	566.92	
		For Type 316 Stainless Steel Door, Add	916.43	
		For Embossed Panel, Add	167.76	
		For Galvanized Steel, Add	104.85	
		For Baked Enamel Finish, Add	302.28	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-46.52	
		For >100, Deduct	-67.85	
		For Insulated Door (Polystyrene Core), Add	69.90	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	174.75	
		For Seamless Edge (Welded), Add	87.38	
08 13 13 13-0015	PR	Pair 3' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	883.49	90.20
		For Composite Door Instead Of Full Panel Door, Add	31.64	
		For Type 304 Stainless Steel Door, Add	571.50	
		For Type 316 Stainless Steel Door, Add	923.05	
		For Embossed Panel, Add	168.74	
		For Galvanized Steel, Add	105.47	
		For Baked Enamel Finish, Add	319.16	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-48.68	
		For >100, Deduct	-70.77	
		For Insulated Door (Polystyrene Core), Add	70.31	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	175.78	
		For Seamless Edge (Welded), Add	87.89	
08 13 13 13-0016	PR	Pair 3'-6" x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated).....	964.58	93.95
		For Composite Door Instead Of Full Panel Door, Add	34.95	
		For Type 304 Stainless Steel Door, Add	630.74	
		For Type 316 Stainless Steel Door, Add	1,019.08	
		For Embossed Panel, Add	186.40	
		For Galvanized Steel, Add	116.50	
		For Baked Enamel Finish, Add	345.74	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-52.93	
		For >100, Deduct	-77.04	
		For Insulated Door (Polystyrene Core), Add	77.67	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	194.17	
		For Seamless Edge (Welded), Add	97.09	

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

08 13 13 13-0017	PR		Pair 4' x 6'-8" x 1-3/4" 20 Gauge Metal Door (Unrated)	1,061.39	101.47
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	38.63	
			<i>For Type 304 Stainless Steel Door, Add</i>	696.90	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,126.12	
			<i>For Embossed Panel, Add</i>	206.03	
			<i>For Galvanized Steel, Add</i>	128.77	
			<i>For Baked Enamel Finish, Add</i>	379.30	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-58.14	
			<i>For >100, Deduct</i>	-84.68	
			<i>For Insulated Door (Polystyrene Core), Add</i>	85.84	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	214.61	
			<i>For Seamless Edge (Welded), Add</i>	107.31	
08 13 13 13-0018			7' High <small>(08 13 13 13-0001)</small>		
08 13 13 13-0019	EA		2' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	431.32	43.51
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.49	
			<i>For Type 304 Stainless Steel Door, Add</i>	279.78	
			<i>For Type 316 Stainless Steel Door, Add</i>	451.92	
			<i>For Embossed Panel, Add</i>	82.63	
			<i>For Galvanized Steel, Add</i>	51.64	
			<i>For Baked Enamel Finish, Add</i>	155.51	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-23.74	
			<i>For >100, Deduct</i>	-34.53	
			<i>For Insulated Door (Polystyrene Core), Add</i>	34.43	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	86.07	
			<i>For Seamless Edge (Welded), Add</i>	43.04	
08 13 13 13-0020	EA		2'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	431.32	43.51
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.49	
			<i>For Type 304 Stainless Steel Door, Add</i>	279.78	
			<i>For Type 316 Stainless Steel Door, Add</i>	451.92	
			<i>For Embossed Panel, Add</i>	82.63	
			<i>For Galvanized Steel, Add</i>	51.64	
			<i>For Baked Enamel Finish, Add</i>	155.51	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-23.74	
			<i>For >100, Deduct</i>	-34.53	
			<i>For Insulated Door (Polystyrene Core), Add</i>	34.43	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	86.07	
			<i>For Seamless Edge (Welded), Add</i>	43.04	
08 13 13 13-0021	EA		2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	442.31	45.50
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	15.81	
			<i>For Type 304 Stainless Steel Door, Add</i>	285.61	
			<i>For Type 316 Stainless Steel Door, Add</i>	461.27	
			<i>For Embossed Panel, Add</i>	84.32	
			<i>For Galvanized Steel, Add</i>	52.70	
			<i>For Baked Enamel Finish, Add</i>	159.99	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-24.39	
			<i>For >100, Deduct</i>	-35.45	
			<i>For Insulated Door (Polystyrene Core), Add</i>	35.13	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	87.83	
			<i>For Seamless Edge (Welded), Add</i>	43.92	
08 13 13 13-0022	EA		2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	447.56	45.50
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	16.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	289.81	
			<i>For Type 316 Stainless Steel Door, Add</i>	468.09	
			<i>For Embossed Panel, Add</i>	85.58	
			<i>For Galvanized Steel, Add</i>	53.49	
			<i>For Baked Enamel Finish, Add</i>	161.57	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-24.65	
			<i>For >100, Deduct</i>	-35.84	
			<i>For Insulated Door (Polystyrene Core), Add</i>	35.66	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	89.14	
			<i>For Seamless Edge (Welded), Add</i>	44.57	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0023	EA	2'-10" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	451.63	46.48
			For Composite Door Instead Of Full Panel Door, Add	16.14	
			For Type 304 Stainless Steel Door, Add	291.58	
			For Type 316 Stainless Steel Door, Add	470.91	
			For Embossed Panel, Add	86.08	
			For Galvanized Steel, Add	53.80	
			For Baked Enamel Finish, Add	163.38	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.91	
			For >100, Deduct	-36.20	
			For Insulated Door (Polystyrene Core), Add	35.87	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	89.67	
			For Seamless Edge (Welded), Add	44.83	
08 13 13	13-0024	EA	3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	455.70	47.47
			For Composite Door Instead Of Full Panel Door, Add	16.23	
			For Type 304 Stainless Steel Door, Add	293.36	
			For Type 316 Stainless Steel Door, Add	473.74	
			For Embossed Panel, Add	86.58	
			For Galvanized Steel, Add	54.11	
			For Baked Enamel Finish, Add	165.19	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.16	
			For >100, Deduct	-36.55	
			For Insulated Door (Polystyrene Core), Add	36.08	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	90.19	
			For Seamless Edge (Welded), Add	45.10	
08 13 13	13-0025	EA	3'-4" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	482.97	47.47
			For Composite Door Instead Of Full Panel Door, Add	17.46	
			For Type 304 Stainless Steel Door, Add	315.17	
			For Type 316 Stainless Steel Door, Add	509.19	
			For Embossed Panel, Add	93.13	
			For Galvanized Steel, Add	58.20	
			For Baked Enamel Finish, Add	173.37	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.52	
			For >100, Deduct	-38.60	
			For Insulated Door (Polystyrene Core), Add	38.80	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	97.01	
			For Seamless Edge (Welded), Add	48.50	
08 13 13	13-0026	EA	3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	497.42	49.45
			For Composite Door Instead Of Full Panel Door, Add	17.93	
			For Type 304 Stainless Steel Door, Add	323.76	
			For Type 316 Stainless Steel Door, Add	523.02	
			For Embossed Panel, Add	95.64	
			For Galvanized Steel, Add	59.78	
			For Baked Enamel Finish, Add	178.90	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-27.34	
			For >100, Deduct	-39.78	
			For Insulated Door (Polystyrene Core), Add	39.85	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	99.63	
			For Seamless Edge (Welded), Add	49.82	
08 13 13	13-0027	EA	4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	547.27	53.41
			For Composite Door Instead Of Full Panel Door, Add	19.82	
			For Type 304 Stainless Steel Door, Add	357.71	
			For Type 316 Stainless Steel Door, Add	577.94	
			For Embossed Panel, Add	105.71	
			For Galvanized Steel, Add	66.07	
			For Baked Enamel Finish, Add	196.22	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-30.03	
			For >100, Deduct	-43.72	
			For Insulated Door (Polystyrene Core), Add	44.05	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	110.12	
			For Seamless Edge (Welded), Add	55.06	

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

08 13 13 13-0028	PR		Pair 2'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	875.52	86.44
			For Composite Door Instead Of Full Panel Door, Add	31.62	
			For Type 304 Stainless Steel Door, Add	570.76	
			For Type 316 Stainless Steel Door, Add	922.09	
			For Embossed Panel, Add	168.64	
			For Galvanized Steel, Add	105.40	
			For Baked Enamel Finish, Add	314.52	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-48.10	
			For >100, Deduct	-69.99	
			For Insulated Door (Polystyrene Core), Add	70.27	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	175.66	
			For Seamless Edge (Welded), Add	87.83	
08 13 13 13-0029	PR		Pair 2'-8" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	886.00	86.44
			For Composite Door Instead Of Full Panel Door, Add	32.09	
			For Type 304 Stainless Steel Door, Add	579.15	
			For Type 316 Stainless Steel Door, Add	935.71	
			For Embossed Panel, Add	171.15	
			For Galvanized Steel, Add	106.97	
			For Baked Enamel Finish, Add	317.66	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-48.62	
			For >100, Deduct	-70.77	
			For Insulated Door (Polystyrene Core), Add	71.31	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	178.28	
			For Seamless Edge (Welded), Add	89.14	
08 13 13 13-0030	PR		Pair 2'-10" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	871.62	77.14
			For Composite Door Instead Of Full Panel Door, Add	32.28	
			For Type 304 Stainless Steel Door, Add	581.58	
			For Type 316 Stainless Steel Door, Add	940.24	
			For Embossed Panel, Add	172.16	
			For Galvanized Steel, Add	107.60	
			For Baked Enamel Finish, Add	307.77	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-47.44	
			For >100, Deduct	-69.23	
			For Insulated Door (Polystyrene Core), Add	71.73	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	179.33	
			For Seamless Edge (Welded), Add	89.67	
08 13 13 13-0031	PR		Pair 3' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	901.91	90.20
			For Composite Door Instead Of Full Panel Door, Add	32.47	
			For Type 304 Stainless Steel Door, Add	586.24	
			For Type 316 Stainless Steel Door, Add	947.00	
			For Embossed Panel, Add	173.16	
			For Galvanized Steel, Add	108.23	
			For Baked Enamel Finish, Add	324.69	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-49.61	
			For >100, Deduct	-72.15	
			For Insulated Door (Polystyrene Core), Add	72.15	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	180.38	
			For Seamless Edge (Welded), Add	90.19	
08 13 13 13-0032	PR		Pair 3'-6" x 7' x 1-3/4" 20 Gauge Metal Door (Unrated)	984.93	93.95
			For Composite Door Instead Of Full Panel Door, Add	35.87	
			For Type 304 Stainless Steel Door, Add	647.02	
			For Type 316 Stainless Steel Door, Add	1,045.53	
			For Embossed Panel, Add	191.29	
			For Galvanized Steel, Add	119.55	
			For Baked Enamel Finish, Add	351.85	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-53.94	
			For >100, Deduct	-78.57	
			For Insulated Door (Polystyrene Core), Add	79.70	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	199.26	
			For Seamless Edge (Welded), Add	99.63	

08 Openings
08 10 Doors And Frames
08 13 Metal Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0033	PR	Pair 4' x 7' x 1-3/4" 20 Gauge Metal Door (Unrated).....	1,083.88	101.47
		For Composite Door Instead Of Full Panel Door, Add	39.64	
		For Type 304 Stainless Steel Door, Add	714.89	
		For Type 316 Stainless Steel Door, Add	1,155.36	
		For Embossed Panel, Add	211.42	
		For Galvanized Steel, Add	132.14	
		For Baked Enamel Finish, Add	386.05	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-59.27	
		For >100, Deduct	-86.36	
		For Insulated Door (Polystyrene Core), Add	88.09	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	220.23	
		For Seamless Edge (Welded), Add	110.12	

08 13 13 13-0034 7'-2" High (08 13 13 13-0001)

08 13 13 13-0035	EA	2' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	439.86	43.51
		For Composite Door Instead Of Full Panel Door, Add	15.88	
		For Type 304 Stainless Steel Door, Add	286.61	
		For Type 316 Stainless Steel Door, Add	463.02	
		For Embossed Panel, Add	84.68	
		For Galvanized Steel, Add	52.92	
		For Baked Enamel Finish, Add	158.07	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-24.17	
		For >100, Deduct	-35.17	
		For Insulated Door (Polystyrene Core), Add	35.28	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	88.21	
		For Seamless Edge (Welded), Add	44.10	

08 13 13 13-0036	EA	2'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	439.86	43.51
		For Composite Door Instead Of Full Panel Door, Add	15.88	
		For Type 304 Stainless Steel Door, Add	286.61	
		For Type 316 Stainless Steel Door, Add	463.02	
		For Embossed Panel, Add	84.68	
		For Galvanized Steel, Add	52.92	
		For Baked Enamel Finish, Add	158.07	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-24.17	
		For >100, Deduct	-35.17	
		For Insulated Door (Polystyrene Core), Add	35.28	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	88.21	
		For Seamless Edge (Welded), Add	44.10	

08 13 13 13-0037	EA	2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	451.03	45.50
		For Composite Door Instead Of Full Panel Door, Add	16.20	
		For Type 304 Stainless Steel Door, Add	292.58	
		For Type 316 Stainless Steel Door, Add	472.60	
		For Embossed Panel, Add	86.41	
		For Galvanized Steel, Add	54.01	
		For Baked Enamel Finish, Add	162.61	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-24.83	
		For >100, Deduct	-36.10	
		For Insulated Door (Polystyrene Core), Add	36.00	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	90.01	
		For Seamless Edge (Welded), Add	45.01	

08 13 13 13-0038	EA	2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	456.40	45.50
		For Composite Door Instead Of Full Panel Door, Add	16.44	
		For Type 304 Stainless Steel Door, Add	296.88	
		For Type 316 Stainless Steel Door, Add	479.58	
		For Embossed Panel, Add	87.70	
		For Galvanized Steel, Add	54.81	
		For Baked Enamel Finish, Add	164.22	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-25.09	
		For >100, Deduct	-36.50	
		For Insulated Door (Polystyrene Core), Add	36.54	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	91.35	
		For Seamless Edge (Welded), Add	45.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0039	EA		2'-10" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	460.53	46.48
			For Composite Door Instead Of Full Panel Door, Add	16.54	
			For Type 304 Stainless Steel Door, Add	298.70	
			For Type 316 Stainless Steel Door, Add	482.48	
			For Embossed Panel, Add	88.21	
			For Galvanized Steel, Add	55.13	
			For Baked Enamel Finish, Add	166.05	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.35	
			For >100, Deduct	-36.86	
			For Insulated Door (Polystyrene Core), Add	36.76	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	91.89	
			For Seamless Edge (Welded), Add	45.95	
08 13 13 13-0040	EA		3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	464.65	47.47
			For Composite Door Instead Of Full Panel Door, Add	16.64	
			For Type 304 Stainless Steel Door, Add	300.52	
			For Type 316 Stainless Steel Door, Add	485.37	
			For Embossed Panel, Add	88.73	
			For Galvanized Steel, Add	55.46	
			For Baked Enamel Finish, Add	167.88	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.61	
			For >100, Deduct	-37.22	
			For Insulated Door (Polystyrene Core), Add	36.97	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	92.43	
			For Seamless Edge (Welded), Add	46.21	
08 13 13 13-0041	EA		3'-4" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	492.59	47.47
			For Composite Door Instead Of Full Panel Door, Add	17.89	
			For Type 304 Stainless Steel Door, Add	322.87	
			For Type 316 Stainless Steel Door, Add	521.69	
			For Embossed Panel, Add	95.44	
			For Galvanized Steel, Add	59.65	
			For Baked Enamel Finish, Add	176.26	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-27.00	
			For >100, Deduct	-39.32	
			For Insulated Door (Polystyrene Core), Add	39.77	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	99.41	
			For Seamless Edge (Welded), Add	49.71	
08 13 13 13-0042	EA		3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	507.30	49.45
			For Composite Door Instead Of Full Panel Door, Add	18.38	
			For Type 304 Stainless Steel Door, Add	331.67	
			For Type 316 Stainless Steel Door, Add	535.87	
			For Embossed Panel, Add	98.02	
			For Galvanized Steel, Add	61.26	
			For Baked Enamel Finish, Add	181.86	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-27.84	
			For >100, Deduct	-40.52	
			For Insulated Door (Polystyrene Core), Add	40.84	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	102.10	
			For Seamless Edge (Welded), Add	51.05	
08 13 13 13-0043	EA		4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	558.20	53.41
			For Composite Door Instead Of Full Panel Door, Add	20.31	
			For Type 304 Stainless Steel Door, Add	366.45	
			For Type 316 Stainless Steel Door, Add	592.15	
			For Embossed Panel, Add	108.33	
			For Galvanized Steel, Add	67.71	
			For Baked Enamel Finish, Add	199.50	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-30.58	
			For >100, Deduct	-44.54	
			For Insulated Door (Polystyrene Core), Add	45.14	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	112.85	
			For Seamless Edge (Welded), Add	56.42	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0044	PR	Pair 2'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	892.94	86.44
		For Composite Door Instead Of Full Panel Door, Add	32.40	
		For Type 304 Stainless Steel Door, Add	584.70	
		For Type 316 Stainless Steel Door, Add	944.73	
		For Embossed Panel, Add	172.82	
		For Galvanized Steel, Add	108.01	
		For Baked Enamel Finish, Add	319.74	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-48.97	
		For >100, Deduct	-71.29	
		For Insulated Door (Polystyrene Core), Add	72.01	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	180.02	
		For Seamless Edge (Welded), Add	90.01	
08 13 13 13-0045	PR	Pair 2'-8" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	903.69	86.44
		For Composite Door Instead Of Full Panel Door, Add	32.89	
		For Type 304 Stainless Steel Door, Add	593.30	
		For Type 316 Stainless Steel Door, Add	958.71	
		For Embossed Panel, Add	175.40	
		For Galvanized Steel, Add	109.62	
		For Baked Enamel Finish, Add	322.97	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-49.51	
		For >100, Deduct	-72.10	
		For Insulated Door (Polystyrene Core), Add	73.08	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	182.71	
		For Seamless Edge (Welded), Add	91.35	
08 13 13 13-0046	PR	Pair 2'-10" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	889.41	77.14
		For Composite Door Instead Of Full Panel Door, Add	33.08	
		For Type 304 Stainless Steel Door, Add	595.81	
		For Type 316 Stainless Steel Door, Add	963.37	
		For Embossed Panel, Add	176.43	
		For Galvanized Steel, Add	110.27	
		For Baked Enamel Finish, Add	313.11	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-48.33	
		For >100, Deduct	-70.56	
		For Insulated Door (Polystyrene Core), Add	73.51	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	183.78	
		For Seamless Edge (Welded), Add	91.89	
08 13 13 13-0047	PR	Pair 3' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	919.81	90.20
		For Composite Door Instead Of Full Panel Door, Add	33.27	
		For Type 304 Stainless Steel Door, Add	600.56	
		For Type 316 Stainless Steel Door, Add	970.27	
		For Embossed Panel, Add	177.46	
		For Galvanized Steel, Add	110.91	
		For Baked Enamel Finish, Add	330.06	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-50.50	
		For >100, Deduct	-73.50	
		For Insulated Door (Polystyrene Core), Add	73.94	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	184.86	
		For Seamless Edge (Welded), Add	92.43	
08 13 13 13-0048	PR	Pair 3'-6" x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated).....	1,004.70	93.95
		For Composite Door Instead Of Full Panel Door, Add	36.76	
		For Type 304 Stainless Steel Door, Add	662.84	
		For Type 316 Stainless Steel Door, Add	1,071.24	
		For Embossed Panel, Add	196.03	
		For Galvanized Steel, Add	122.52	
		For Baked Enamel Finish, Add	357.78	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-54.93	
		For >100, Deduct	-80.05	
		For Insulated Door (Polystyrene Core), Add	81.68	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	204.20	
		For Seamless Edge (Welded), Add	102.10	

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

08 13 13 13-0049	PR		Pair 4' x 7'-2" x 1-3/4" 20 Gauge Metal Door (Unrated)	1,105.73	101.47
			For Composite Door Instead Of Full Panel Door, Add	40.63	
			For Type 304 Stainless Steel Door, Add	732.37	
			For Type 316 Stainless Steel Door, Add	1,183.76	
			For Embossed Panel, Add	216.67	
			For Galvanized Steel, Add	135.42	
			For Baked Enamel Finish, Add	392.60	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-60.36	
			For >100, Deduct	-88.00	
			For Insulated Door (Polystyrene Core), Add	90.28	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	225.70	
			For Seamless Edge (Welded), Add	112.85	

08 13 13 13-0050 18 Gauge 1-3/4" Unrated Door (08 13 13 13)
08 13 13 13-0051 6'-8" High (08 13 13 13-0050)

08 13 13 13-0052	EA		2' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	449.67	43.51
			For 18 Gauge, Grade II, Heavy Duty, Add	72.53	
			For Composite Door Instead Of Full Panel Door, Add	16.32	
			For Type 304 Stainless Steel Door, Add	294.46	
			For Type 316 Stainless Steel Door, Add	475.77	
			For Embossed Panel, Add	87.03	
			For Galvanized Steel, Add	54.39	
			For Baked Enamel Finish, Add	161.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.66	
			For >100, Deduct	-35.90	
			For 2" Thick Door, Add	28.47	
			For Insulated Door (Polystyrene Core), Add	36.26	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	90.66	
			For Seamless Edge (Welded), Add	45.33	
			For Steel Stiffened, Add	90.66	
08 13 13 13-0053	EA		2'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	449.67	43.51
			For 18 Gauge, Grade II, Heavy Duty, Add	72.53	
			For Composite Door Instead Of Full Panel Door, Add	16.32	
			For Type 304 Stainless Steel Door, Add	294.46	
			For Type 316 Stainless Steel Door, Add	475.77	
			For Embossed Panel, Add	87.03	
			For Galvanized Steel, Add	54.39	
			For Baked Enamel Finish, Add	161.01	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-24.66	
			For >100, Deduct	-35.90	
			For 2" Thick Door, Add	28.47	
			For Insulated Door (Polystyrene Core), Add	36.26	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	90.66	
			For Seamless Edge (Welded), Add	45.33	
			For Steel Stiffened, Add	90.66	
08 13 13 13-0054	EA		2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	461.04	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	74.01	
			For Composite Door Instead Of Full Panel Door, Add	16.65	
			For Type 304 Stainless Steel Door, Add	300.59	
			For Type 316 Stainless Steel Door, Add	485.61	
			For Embossed Panel, Add	88.81	
			For Galvanized Steel, Add	55.51	
			For Baked Enamel Finish, Add	165.61	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.33	
			For >100, Deduct	-36.85	
			For 2" Thick Door, Add	29.10	
			For Insulated Door (Polystyrene Core), Add	37.01	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	92.51	
			For Seamless Edge (Welded), Add	46.26	
			For Steel Stiffened, Add	92.51	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0055	EA	2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	466.56	45.50
		For 18 Gauge, Grade II, Heavy Duty, Add	75.11	
		For Composite Door Instead Of Full Panel Door, Add	16.90	
		For Type 304 Stainless Steel Door, Add	305.01	
		For Type 316 Stainless Steel Door, Add	492.79	
		For Embossed Panel, Add	90.14	
		For Galvanized Steel, Add	56.34	
		For Baked Enamel Finish, Add	167.27	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-25.60	
		For >100, Deduct	-37.27	
		For 2" Thick Door, Add	29.50	
		For Insulated Door (Polystyrene Core), Add	37.56	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	93.89	
		For Seamless Edge (Welded), Add	46.95	
		For Steel Stiffened, Add	93.89	
08 13 13 13-0056	EA	2'-10" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	470.75	46.48
		For 18 Gauge, Grade II, Heavy Duty, Add	75.56	
		For Composite Door Instead Of Full Panel Door, Add	17.00	
		For Type 304 Stainless Steel Door, Add	306.87	
		For Type 316 Stainless Steel Door, Add	495.76	
		For Embossed Panel, Add	90.67	
		For Galvanized Steel, Add	56.67	
		For Baked Enamel Finish, Add	169.12	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-25.86	
		For >100, Deduct	-37.63	
		For 2" Thick Door, Add	29.71	
		For Insulated Door (Polystyrene Core), Add	37.78	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.45	
		For Seamless Edge (Welded), Add	47.22	
		For Steel Stiffened, Add	94.45	
08 13 13 13-0057	EA	3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	474.93	47.47
		For 18 Gauge, Grade II, Heavy Duty, Add	76.00	
		For Composite Door Instead Of Full Panel Door, Add	17.10	
		For Type 304 Stainless Steel Door, Add	308.74	
		For Type 316 Stainless Steel Door, Add	498.73	
		For Embossed Panel, Add	91.20	
		For Galvanized Steel, Add	57.00	
		For Baked Enamel Finish, Add	170.96	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-26.12	
		For >100, Deduct	-37.99	
		For 2" Thick Door, Add	29.92	
		For Insulated Door (Polystyrene Core), Add	38.00	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	95.00	
		For Seamless Edge (Welded), Add	47.50	
		For Steel Stiffened, Add	95.00	
08 13 13 13-0058	EA	3'-4" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	503.65	47.47
		For 18 Gauge, Grade II, Heavy Duty, Add	81.74	
		For Composite Door Instead Of Full Panel Door, Add	18.39	
		For Type 304 Stainless Steel Door, Add	331.72	
		For Type 316 Stainless Steel Door, Add	536.07	
		For Embossed Panel, Add	98.09	
		For Galvanized Steel, Add	61.31	
		For Baked Enamel Finish, Add	179.58	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-27.56	
		For >100, Deduct	-40.15	
		For 2" Thick Door, Add	32.00	
		For Insulated Door (Polystyrene Core), Add	40.87	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	102.18	
		For Seamless Edge (Welded), Add	51.09	
		For Steel Stiffened, Add	102.18	

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

08 13 13 13-0059	EA		3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	518.66	49.45
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	83.95	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	18.89	
			<i>For Type 304 Stainless Steel Door, Add</i>	340.75	
			<i>For Type 316 Stainless Steel Door, Add</i>	550.63	
			<i>For Embossed Panel, Add</i>	100.74	
			<i>For Galvanized Steel, Add</i>	62.96	
			<i>For Baked Enamel Finish, Add</i>	185.27	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-28.41	
			<i>For >100, Deduct</i>	-41.37	
			<i>For 2" Thick Door, Add</i>	32.91	
			<i>For Insulated Door (Polystyrene Core), Add</i>	41.98	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	104.94	
			<i>For Seamless Edge (Welded), Add</i>	52.47	
			<i>For Steel Stiffened, Add</i>	104.94	
08 13 13 13-0060	EA		4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	570.75	53.41
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	92.79	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	20.88	
			<i>For Type 304 Stainless Steel Door, Add</i>	376.49	
			<i>For Type 316 Stainless Steel Door, Add</i>	608.46	
			<i>For Embossed Panel, Add</i>	111.35	
			<i>For Galvanized Steel, Add</i>	69.59	
			<i>For Baked Enamel Finish, Add</i>	203.27	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-31.21	
			<i>For >100, Deduct</i>	-45.48	
			<i>For 2" Thick Door, Add</i>	36.31	
			<i>For Insulated Door (Polystyrene Core), Add</i>	46.39	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	115.99	
			<i>For Seamless Edge (Welded), Add</i>	57.99	
			<i>For Steel Stiffened, Add</i>	115.99	
08 13 13 13-0061	PR		Pair 2'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	912.97	86.44
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	148.02	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	33.30	
			<i>For Type 304 Stainless Steel Door, Add</i>	600.72	
			<i>For Type 316 Stainless Steel Door, Add</i>	970.77	
			<i>For Embossed Panel, Add</i>	177.62	
			<i>For Galvanized Steel, Add</i>	111.02	
			<i>For Baked Enamel Finish, Add</i>	325.75	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-49.97	
			<i>For >100, Deduct</i>	-72.79	
			<i>For 2" Thick Door, Add</i>	57.98	
			<i>For Insulated Door (Polystyrene Core), Add</i>	74.01	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	185.03	
			<i>For Seamless Edge (Welded), Add</i>	92.51	
			<i>For Steel Stiffened, Add</i>	185.03	
08 13 13 13-0062	PR		Pair 2'-8" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	924.02	86.44
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	150.23	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	33.80	
			<i>For Type 304 Stainless Steel Door, Add</i>	609.56	
			<i>For Type 316 Stainless Steel Door, Add</i>	985.14	
			<i>For Embossed Panel, Add</i>	180.28	
			<i>For Galvanized Steel, Add</i>	112.67	
			<i>For Baked Enamel Finish, Add</i>	329.07	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-50.52	
			<i>For >100, Deduct</i>	-73.62	
			<i>For 2" Thick Door, Add</i>	58.78	
			<i>For Insulated Door (Polystyrene Core), Add</i>	75.12	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	187.79	
			<i>For Seamless Edge (Welded), Add</i>	93.89	
			<i>For Steel Stiffened, Add</i>	187.79	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0063	PR	Pair 2'-10" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	909.85	77.14
		For 18 Gauge, Grade II, Heavy Duty, Add	151.11	
		For Composite Door Instead Of Full Panel Door, Add	34.00	
		For Type 304 Stainless Steel Door, Add	612.16	
		For Type 316 Stainless Steel Door, Add	989.94	
		For Embossed Panel, Add	181.33	
		For Galvanized Steel, Add	113.33	
		For Baked Enamel Finish, Add	319.24	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-49.35	
		For >100, Deduct	-72.10	
		For 2" Thick Door, Add	58.64	
		For Insulated Door (Polystyrene Core), Add	75.56	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	188.89	
		For Seamless Edge (Welded), Add	94.45	
		For Steel Stiffened, Add	188.89	
08 13 13 13-0064	PR	Pair 3' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	940.37	90.20
		For 18 Gauge, Grade II, Heavy Duty, Add	152.00	
		For Composite Door Instead Of Full Panel Door, Add	34.20	
		For Type 304 Stainless Steel Door, Add	617.00	
		For Type 316 Stainless Steel Door, Add	996.99	
		For Embossed Panel, Add	182.40	
		For Galvanized Steel, Add	114.00	
		For Baked Enamel Finish, Add	336.23	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-51.53	
		For >100, Deduct	-75.04	
		For 2" Thick Door, Add	59.61	
		For Insulated Door (Polystyrene Core), Add	76.00	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	190.00	
		For Seamless Edge (Welded), Add	95.00	
		For Steel Stiffened, Add	190.00	
08 13 13 13-0065	PR	Pair 3'-6" x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated).....	1,027.42	93.95
		For 18 Gauge, Grade II, Heavy Duty, Add	167.90	
		For Composite Door Instead Of Full Panel Door, Add	37.78	
		For Type 304 Stainless Steel Door, Add	681.01	
		For Type 316 Stainless Steel Door, Add	1,100.77	
		For Embossed Panel, Add	201.48	
		For Galvanized Steel, Add	125.93	
		For Baked Enamel Finish, Add	364.60	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-56.07	
		For >100, Deduct	-81.75	
		For 2" Thick Door, Add	65.56	
		For Insulated Door (Polystyrene Core), Add	83.95	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	209.88	
		For Seamless Edge (Welded), Add	104.94	
		For Steel Stiffened, Add	209.88	
08 13 13 13-0066	PR	Pair 4' x 6'-8" x 1-3/4" 18 Gauge Metal Door (Unrated)	1,130.84	101.47
		For 18 Gauge, Grade II, Heavy Duty, Add	185.58	
		For Composite Door Instead Of Full Panel Door, Add	41.76	
		For Type 304 Stainless Steel Door, Add	752.46	
		For Type 316 Stainless Steel Door, Add	1,216.40	
		For Embossed Panel, Add	222.69	
		For Galvanized Steel, Add	139.18	
		For Baked Enamel Finish, Add	400.14	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-61.62	
		For >100, Deduct	-89.89	
		For 2" Thick Door, Add	72.35	
		For Insulated Door (Polystyrene Core), Add	92.79	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	231.97	
		For Seamless Edge (Welded), Add	115.99	
		For Steel Stiffened, Add	231.97	

08 13 13 13-0067 7' High (08 13 13 13-0050)

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

08 13 13 13-0068	EA		2' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	458.28	43.51
			For 18 Gauge, Grade II, Heavy Duty, Add	74.25	
			For Composite Door Instead Of Full Panel Door, Add	16.71	
			For Type 304 Stainless Steel Door, Add	301.34	
			For Type 316 Stainless Steel Door, Add	486.96	
			For Embossed Panel, Add	89.10	
			For Galvanized Steel, Add	55.69	
			For Baked Enamel Finish, Add	163.60	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.09	
			For >100, Deduct	-36.55	
			For 2" Thick Door, Add	29.09	
			For Insulated Door (Polystyrene Core), Add	37.12	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	92.81	
			For Seamless Edge (Welded), Add	46.41	
			For Steel Stiffened, Add	92.81	
08 13 13 13-0069	EA		2'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	458.28	43.51
			For 18 Gauge, Grade II, Heavy Duty, Add	74.25	
			For Composite Door Instead Of Full Panel Door, Add	16.71	
			For Type 304 Stainless Steel Door, Add	301.34	
			For Type 316 Stainless Steel Door, Add	486.96	
			For Embossed Panel, Add	89.10	
			For Galvanized Steel, Add	55.69	
			For Baked Enamel Finish, Add	163.60	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.09	
			For >100, Deduct	-36.55	
			For 2" Thick Door, Add	29.09	
			For Insulated Door (Polystyrene Core), Add	37.12	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	92.81	
			For Seamless Edge (Welded), Add	46.41	
			For Steel Stiffened, Add	92.81	
08 13 13 13-0070	EA		2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	469.82	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	75.77	
			For Composite Door Instead Of Full Panel Door, Add	17.05	
			For Type 304 Stainless Steel Door, Add	307.61	
			For Type 316 Stainless Steel Door, Add	497.03	
			For Embossed Panel, Add	90.92	
			For Galvanized Steel, Add	56.82	
			For Baked Enamel Finish, Add	168.24	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.77	
			For >100, Deduct	-37.51	
			For 2" Thick Door, Add	29.74	
			For Insulated Door (Polystyrene Core), Add	37.88	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.71	
			For Seamless Edge (Welded), Add	47.35	
			For Steel Stiffened, Add	94.71	
08 13 13 13-0071	EA		2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	475.48	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	76.90	
			For Composite Door Instead Of Full Panel Door, Add	17.30	
			For Type 304 Stainless Steel Door, Add	312.14	
			For Type 316 Stainless Steel Door, Add	504.39	
			For Embossed Panel, Add	92.28	
			For Galvanized Steel, Add	57.67	
			For Baked Enamel Finish, Add	169.94	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.05	
			For >100, Deduct	-37.94	
			For 2" Thick Door, Add	30.15	
			For Insulated Door (Polystyrene Core), Add	38.45	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.12	
			For Seamless Edge (Welded), Add	48.06	
			For Steel Stiffened, Add	96.12	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0072	EA	2'-10" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	479.72	46.48
			For 18 Gauge, Grade II, Heavy Duty, Add	77.35	
			For Composite Door Instead Of Full Panel Door, Add	17.40	
			For Type 304 Stainless Steel Door, Add	314.05	
			For Type 316 Stainless Steel Door, Add	507.42	
			For Embossed Panel, Add	92.82	
			For Galvanized Steel, Add	58.01	
			For Baked Enamel Finish, Add	171.81	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.31	
			For >100, Deduct	-38.30	
			For 2" Thick Door, Add	30.36	
			For Insulated Door (Polystyrene Core), Add	38.68	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.69	
			For Seamless Edge (Welded), Add	48.34	
			For Steel Stiffened, Add	96.69	
08 13 13	13-0073	EA	3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	483.95	47.47
			For 18 Gauge, Grade II, Heavy Duty, Add	77.80	
			For Composite Door Instead Of Full Panel Door, Add	17.51	
			For Type 304 Stainless Steel Door, Add	315.96	
			For Type 316 Stainless Steel Door, Add	510.46	
			For Embossed Panel, Add	93.36	
			For Galvanized Steel, Add	58.35	
			For Baked Enamel Finish, Add	173.67	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.57	
			For >100, Deduct	-38.67	
			For 2" Thick Door, Add	30.58	
			For Insulated Door (Polystyrene Core), Add	38.90	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	97.25	
			For Seamless Edge (Welded), Add	48.63	
			For Steel Stiffened, Add	97.25	
08 13 13	13-0074	EA	3'-4" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	513.35	47.47
			For 18 Gauge, Grade II, Heavy Duty, Add	83.68	
			For Composite Door Instead Of Full Panel Door, Add	18.83	
			For Type 304 Stainless Steel Door, Add	339.48	
			For Type 316 Stainless Steel Door, Add	548.68	
			For Embossed Panel, Add	100.42	
			For Galvanized Steel, Add	62.76	
			For Baked Enamel Finish, Add	182.49	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-28.04	
			For >100, Deduct	-40.87	
			For 2" Thick Door, Add	32.71	
			For Insulated Door (Polystyrene Core), Add	41.84	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	104.60	
			For Seamless Edge (Welded), Add	52.30	
			For Steel Stiffened, Add	104.60	
08 13 13	13-0075	EA	3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	528.62	49.45
			For 18 Gauge, Grade II, Heavy Duty, Add	85.94	
			For Composite Door Instead Of Full Panel Door, Add	19.34	
			For Type 304 Stainless Steel Door, Add	348.72	
			For Type 316 Stainless Steel Door, Add	563.58	
			For Embossed Panel, Add	103.13	
			For Galvanized Steel, Add	64.46	
			For Baked Enamel Finish, Add	188.26	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-28.90	
			For >100, Deduct	-42.12	
			For 2" Thick Door, Add	33.63	
			For Insulated Door (Polystyrene Core), Add	42.97	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	107.43	
			For Seamless Edge (Welded), Add	53.72	
			For Steel Stiffened, Add	107.43	

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

08 13 13 13-0076	EA		4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	581.76	53.41
			For 18 Gauge, Grade II, Heavy Duty, Add	94.99	
			For Composite Door Instead Of Full Panel Door, Add	21.37	
			For Type 304 Stainless Steel Door, Add	385.30	
			For Type 316 Stainless Steel Door, Add	622.78	
			For Embossed Panel, Add	113.99	
			For Galvanized Steel, Add	71.24	
			For Baked Enamel Finish, Add	206.57	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-31.76	
			For >100, Deduct	-46.30	
			For 2" Thick Door, Add	37.10	
			For Insulated Door (Polystyrene Core), Add	47.50	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	118.74	
			For Seamless Edge (Welded), Add	59.37	
			For Steel Stiffened, Add	118.74	
08 13 13 13-0077	PR		Pair 2'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	930.53	86.44
			For 18 Gauge, Grade II, Heavy Duty, Add	151.53	
			For Composite Door Instead Of Full Panel Door, Add	34.09	
			For Type 304 Stainless Steel Door, Add	614.77	
			For Type 316 Stainless Steel Door, Add	993.60	
			For Embossed Panel, Add	181.84	
			For Galvanized Steel, Add	113.65	
			For Baked Enamel Finish, Add	331.02	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-50.85	
			For >100, Deduct	-74.11	
			For 2" Thick Door, Add	59.25	
			For Insulated Door (Polystyrene Core), Add	75.77	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	189.42	
			For Seamless Edge (Welded), Add	94.71	
			For Steel Stiffened, Add	189.42	
08 13 13 13-0078	PR		Pair 2'-8" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	941.84	86.44
			For 18 Gauge, Grade II, Heavy Duty, Add	153.79	
			For Composite Door Instead Of Full Panel Door, Add	34.60	
			For Type 304 Stainless Steel Door, Add	623.82	
			For Type 316 Stainless Steel Door, Add	1,008.30	
			For Embossed Panel, Add	184.55	
			For Galvanized Steel, Add	115.35	
			For Baked Enamel Finish, Add	334.41	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-51.41	
			For >100, Deduct	-74.96	
			For 2" Thick Door, Add	60.07	
			For Insulated Door (Polystyrene Core), Add	76.90	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	192.24	
			For Seamless Edge (Welded), Add	96.12	
			For Steel Stiffened, Add	192.24	
08 13 13 13-0079	PR		Pair 2'-10" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	927.78	77.14
			For 18 Gauge, Grade II, Heavy Duty, Add	154.70	
			For Composite Door Instead Of Full Panel Door, Add	34.81	
			For Type 304 Stainless Steel Door, Add	626.51	
			For Type 316 Stainless Steel Door, Add	1,013.25	
			For Embossed Panel, Add	185.64	
			For Galvanized Steel, Add	116.02	
			For Baked Enamel Finish, Add	324.62	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-50.25	
			For >100, Deduct	-73.44	
			For 2" Thick Door, Add	59.94	
			For Insulated Door (Polystyrene Core), Add	77.35	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	193.37	
			For Seamless Edge (Welded), Add	96.69	
			For Steel Stiffened, Add	193.37	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0080	PR	Pair 3' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	958.41	90.20
		For 18 Gauge, Grade II, Heavy Duty, Add	155.60	
		For Composite Door Instead Of Full Panel Door, Add	35.01	
		For Type 304 Stainless Steel Door, Add	631.44	
		For Type 316 Stainless Steel Door, Add	1,020.45	
		For Embossed Panel, Add	186.72	
		For Galvanized Steel, Add	116.70	
		For Baked Enamel Finish, Add	341.64	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-52.43	
		For >100, Deduct	-76.39	
		For 2" Thick Door, Add	60.92	
		For Insulated Door (Polystyrene Core), Add	77.80	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	194.51	
		For Seamless Edge (Welded), Add	97.25	
		For Steel Stiffened, Add	194.51	
08 13 13 13-0081	PR	Pair 3'-6" x 7' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,047.34	93.95
		For 18 Gauge, Grade II, Heavy Duty, Add	171.89	
		For Composite Door Instead Of Full Panel Door, Add	38.67	
		For Type 304 Stainless Steel Door, Add	696.95	
		For Type 316 Stainless Steel Door, Add	1,126.67	
		For Embossed Panel, Add	206.27	
		For Galvanized Steel, Add	128.92	
		For Baked Enamel Finish, Add	370.57	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-57.06	
		For >100, Deduct	-83.25	
		For 2" Thick Door, Add	67.01	
		For Insulated Door (Polystyrene Core), Add	85.94	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	214.86	
		For Seamless Edge (Welded), Add	107.43	
		For Steel Stiffened, Add	214.86	
08 13 13 13-0082	PR	Pair 4' x 7' x 1-3/4" 18 Gauge Metal Door (Unrated).....	1,152.86	101.47
		For 18 Gauge, Grade II, Heavy Duty, Add	189.98	
		For Composite Door Instead Of Full Panel Door, Add	42.75	
		For Type 304 Stainless Steel Door, Add	770.08	
		For Type 316 Stainless Steel Door, Add	1,245.03	
		For Embossed Panel, Add	227.98	
		For Galvanized Steel, Add	142.49	
		For Baked Enamel Finish, Add	406.74	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-62.72	
		For >100, Deduct	-91.54	
		For 2" Thick Door, Add	73.94	
		For Insulated Door (Polystyrene Core), Add	94.99	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	237.48	
		For Seamless Edge (Welded), Add	118.74	
		For Steel Stiffened, Add	237.48	
08 13 13 13-0083		7'-2" High (08 13 13 13-0050)		
08 13 13 13-0084	EA	2' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	466.89	43.51
		For 18 Gauge, Grade II, Heavy Duty, Add	75.97	
		For Composite Door Instead Of Full Panel Door, Add	17.09	
		For Type 304 Stainless Steel Door, Add	308.23	
		For Type 316 Stainless Steel Door, Add	498.16	
		For Embossed Panel, Add	91.16	
		For Galvanized Steel, Add	56.98	
		For Baked Enamel Finish, Add	166.18	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-25.52	
		For >100, Deduct	-37.19	
		For 2" Thick Door, Add	29.72	
		For Insulated Door (Polystyrene Core), Add	37.99	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.96	
		For Seamless Edge (Welded), Add	47.48	
		For Steel Stiffened, Add	94.96	

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

08 13 13 13-0085	EA		2'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	466.89	43.51
			For 18 Gauge, Grade II, Heavy Duty, Add	75.97	
			For Composite Door Instead Of Full Panel Door, Add	17.09	
			For Type 304 Stainless Steel Door, Add	308.23	
			For Type 316 Stainless Steel Door, Add	498.16	
			For Embossed Panel, Add	91.16	
			For Galvanized Steel, Add	56.98	
			For Baked Enamel Finish, Add	166.18	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-25.52	
			For >100, Deduct	-37.19	
			For 2" Thick Door, Add	29.72	
			For Insulated Door (Polystyrene Core), Add	37.99	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	94.96	
			For Seamless Edge (Welded), Add	47.48	
			For Steel Stiffened, Add	94.96	
08 13 13 13-0086	EA		2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	478.61	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	77.52	
			For Composite Door Instead Of Full Panel Door, Add	17.44	
			For Type 304 Stainless Steel Door, Add	314.65	
			For Type 316 Stainless Steel Door, Add	508.46	
			For Embossed Panel, Add	93.03	
			For Galvanized Steel, Add	58.14	
			For Baked Enamel Finish, Add	170.88	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.21	
			For >100, Deduct	-38.17	
			For 2" Thick Door, Add	30.38	
			For Insulated Door (Polystyrene Core), Add	38.76	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	96.91	
			For Seamless Edge (Welded), Add	48.45	
			For Steel Stiffened, Add	96.91	
08 13 13 13-0087	EA		2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	484.39	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	78.68	
			For Composite Door Instead Of Full Panel Door, Add	17.70	
			For Type 304 Stainless Steel Door, Add	319.27	
			For Type 316 Stainless Steel Door, Add	515.97	
			For Embossed Panel, Add	94.42	
			For Galvanized Steel, Add	59.01	
			For Baked Enamel Finish, Add	172.61	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-26.49	
			For >100, Deduct	-38.60	
			For 2" Thick Door, Add	30.80	
			For Insulated Door (Polystyrene Core), Add	39.34	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	98.35	
			For Seamless Edge (Welded), Add	49.18	
			For Steel Stiffened, Add	98.35	
08 13 13 13-0088	EA		3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	492.97	47.47
			For 18 Gauge, Grade II, Heavy Duty, Add	79.61	
			For Composite Door Instead Of Full Panel Door, Add	17.91	
			For Type 304 Stainless Steel Door, Add	323.17	
			For Type 316 Stainless Steel Door, Add	522.19	
			For Embossed Panel, Add	95.53	
			For Galvanized Steel, Add	59.70	
			For Baked Enamel Finish, Add	176.37	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-27.02	
			For >100, Deduct	-39.35	
			For 2" Thick Door, Add	31.23	
			For Insulated Door (Polystyrene Core), Add	39.80	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	99.51	
			For Seamless Edge (Welded), Add	49.75	
			For Steel Stiffened, Add	99.51	

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0089	EA	3'-4" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	523.05	47.47
		For 18 Gauge, Grade II, Heavy Duty, Add	85.62	
		For Composite Door Instead Of Full Panel Door, Add	19.26	
		For Type 304 Stainless Steel Door, Add	347.24	
		For Type 316 Stainless Steel Door, Add	561.29	
		For Embossed Panel, Add	102.75	
		For Galvanized Steel, Add	64.22	
		For Baked Enamel Finish, Add	185.40	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-28.53	
		For >100, Deduct	-41.60	
		For 2" Thick Door, Add	33.41	
		For Insulated Door (Polystyrene Core), Add	42.81	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	107.03	
		For Seamless Edge (Welded), Add	53.51	
		For Steel Stiffened, Add	107.03	
08 13 13 13-0090	EA	3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	538.58	49.45
		For 18 Gauge, Grade II, Heavy Duty, Add	87.94	
		For Composite Door Instead Of Full Panel Door, Add	19.79	
		For Type 304 Stainless Steel Door, Add	356.69	
		For Type 316 Stainless Steel Door, Add	576.53	
		For Embossed Panel, Add	105.52	
		For Galvanized Steel, Add	65.95	
		For Baked Enamel Finish, Add	191.24	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-29.40	
		For >100, Deduct	-42.87	
		For 2" Thick Door, Add	34.35	
		For Insulated Door (Polystyrene Core), Add	43.97	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	109.92	
		For Seamless Edge (Welded), Add	54.96	
		For Steel Stiffened, Add	109.92	
08 13 13 13-0091	EA	4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	592.77	53.41
		For 18 Gauge, Grade II, Heavy Duty, Add	97.19	
		For Composite Door Instead Of Full Panel Door, Add	21.87	
		For Type 304 Stainless Steel Door, Add	394.11	
		For Type 316 Stainless Steel Door, Add	637.09	
		For Embossed Panel, Add	116.63	
		For Galvanized Steel, Add	72.89	
		For Baked Enamel Finish, Add	209.87	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-32.31	
		For >100, Deduct	-47.13	
		For 2" Thick Door, Add	37.90	
		For Insulated Door (Polystyrene Core), Add	48.60	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	121.49	
		For Seamless Edge (Welded), Add	60.75	
		For Steel Stiffened, Add	121.49	
08 13 13 13-0092	PR	Pair 2'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	948.10	86.44
		For 18 Gauge, Grade II, Heavy Duty, Add	155.05	
		For Composite Door Instead Of Full Panel Door, Add	34.89	
		For Type 304 Stainless Steel Door, Add	628.83	
		For Type 316 Stainless Steel Door, Add	1,016.44	
		For Embossed Panel, Add	186.06	
		For Galvanized Steel, Add	116.28	
		For Baked Enamel Finish, Add	336.29	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-51.73	
		For >100, Deduct	-75.43	
		For 2" Thick Door, Add	60.53	
		For Insulated Door (Polystyrene Core), Add	77.52	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	193.81	
		For Seamless Edge (Welded), Add	96.90	
		For Steel Stiffened, Add	193.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0093	PR		Pair 2'-8" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	959.67	86.44
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	157.36	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	35.41	
			<i>For Type 304 Stainless Steel Door, Add</i>	638.08	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,031.48	
			<i>For Embossed Panel, Add</i>	188.83	
			<i>For Galvanized Steel, Add</i>	118.02	
			<i>For Baked Enamel Finish, Add</i>	339.76	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-52.31	
			<i>For >100, Deduct</i>	-76.30	
			<i>For 2" Thick Door, Add</i>	61.36	
			<i>For Insulated Door (Polystyrene Core), Add</i>	78.68	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	196.70	
			<i>For Seamless Edge (Welded), Add</i>	98.35	
			<i>For Steel Stiffened, Add</i>	196.70	
08 13 13 13-0094	PR		Pair 2'-10" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	945.72	77.14
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	158.29	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	35.61	
			<i>For Type 304 Stainless Steel Door, Add</i>	640.86	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,036.57	
			<i>For Embossed Panel, Add</i>	189.94	
			<i>For Galvanized Steel, Add</i>	118.71	
			<i>For Baked Enamel Finish, Add</i>	330.00	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-51.14	
			<i>For >100, Deduct</i>	-74.79	
			<i>For 2" Thick Door, Add</i>	61.24	
			<i>For Insulated Door (Polystyrene Core), Add</i>	79.14	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	197.86	
			<i>For Seamless Edge (Welded), Add</i>	98.93	
			<i>For Steel Stiffened, Add</i>	197.86	
08 13 13 13-0095	PR		Pair 3' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	976.45	90.20
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	159.21	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	35.82	
			<i>For Type 304 Stainless Steel Door, Add</i>	645.87	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,043.90	
			<i>For Embossed Panel, Add</i>	191.05	
			<i>For Galvanized Steel, Add</i>	119.41	
			<i>For Baked Enamel Finish, Add</i>	347.05	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-53.33	
			<i>For >100, Deduct</i>	-77.74	
			<i>For 2" Thick Door, Add</i>	62.22	
			<i>For Insulated Door (Polystyrene Core), Add</i>	79.61	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	199.02	
			<i>For Seamless Edge (Welded), Add</i>	99.51	
			<i>For Steel Stiffened, Add</i>	199.02	
08 13 13 13-0096	PR		Pair 3'-6" x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated).....	1,067.26	93.95
			<i>For 18 Gauge, Grade II, Heavy Duty, Add</i>	175.87	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	39.57	
			<i>For Type 304 Stainless Steel Door, Add</i>	712.88	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,152.56	
			<i>For Embossed Panel, Add</i>	211.05	
			<i>For Galvanized Steel, Add</i>	131.90	
			<i>For Baked Enamel Finish, Add</i>	376.55	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-58.06	
			<i>For >100, Deduct</i>	-84.74	
			<i>For 2" Thick Door, Add</i>	68.45	
			<i>For Insulated Door (Polystyrene Core), Add</i>	87.94	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	219.84	
			<i>For Seamless Edge (Welded), Add</i>	109.92	
			<i>For Steel Stiffened, Add</i>	219.84	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0097	PR	Pair 4' x 7'-2" x 1-3/4" 18 Gauge Metal Door (Unrated)	1,174.88	101.47
		For 18 Gauge, Grade II, Heavy Duty, Add	194.39	
		For Composite Door Instead Of Full Panel Door, Add	43.74	
		For Type 304 Stainless Steel Door, Add	787.69	
		For Type 316 Stainless Steel Door, Add	1,273.66	
		For Embossed Panel, Add	233.26	
		For Galvanized Steel, Add	145.79	
		For Baked Enamel Finish, Add	413.35	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-63.82	
		For >100, Deduct	-93.19	
		For 2" Thick Door, Add	75.54	
		For Insulated Door (Polystyrene Core), Add	97.19	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	242.98	
		For Seamless Edge (Welded), Add	121.49	
		For Steel Stiffened, Add	242.98	

08 13 13 13-0098 8' High (08 13 13 13-0050)

08 13 13 13-0099	EA	2' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	537.88	43.51
		For 18 Gauge, Grade II, Heavy Duty, Add	90.17	
		For Up To 1' Extra Height, Add	124.75	
		For 1' To 1'-6" Extra Height, Add	238.00	
		For Composite Door Instead Of Full Panel Door, Add	20.29	
		For Type 304 Stainless Steel Door, Add	365.02	
		For Type 316 Stainless Steel Door, Add	590.44	
		For Embossed Panel, Add	108.20	
		For Galvanized Steel, Add	67.63	
		For Baked Enamel Finish, Add	187.48	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-29.07	
		For >100, Deduct	-42.52	
		For 2" Thick Door, Add	34.86	
		For Insulated Door (Polystyrene Core), Add	45.08	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	112.71	
		For Seamless Edge (Welded), Add	56.36	
		For Steel Stiffened, Add	112.71	
08 13 13 13-0100	EA	2'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	537.88	43.51
		For 18 Gauge, Grade II, Heavy Duty, Add	90.17	
		For Up To 1' Extra Height, Add	124.75	
		For 1' To 1'-6" Extra Height, Add	238.00	
		For Composite Door Instead Of Full Panel Door, Add	20.29	
		For Type 304 Stainless Steel Door, Add	365.02	
		For Type 316 Stainless Steel Door, Add	590.44	
		For Embossed Panel, Add	108.20	
		For Galvanized Steel, Add	67.63	
		For Baked Enamel Finish, Add	187.48	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-29.07	
		For >100, Deduct	-42.52	
		For 2" Thick Door, Add	34.86	
		For Insulated Door (Polystyrene Core), Add	45.08	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	112.71	
		For Seamless Edge (Welded), Add	56.36	
		For Steel Stiffened, Add	112.71	
08 13 13 13-0101	EA	2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	551.05	45.50
		For 18 Gauge, Grade II, Heavy Duty, Add	92.01	
		For Up To 1' Extra Height, Add	127.30	
		For 1' To 1'-6" Extra Height, Add	242.87	
		For Composite Door Instead Of Full Panel Door, Add	20.70	
		For Type 304 Stainless Steel Door, Add	372.60	
		For Type 316 Stainless Steel Door, Add	602.63	
		For Embossed Panel, Add	110.41	
		For Galvanized Steel, Add	69.01	
		For Baked Enamel Finish, Add	192.61	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-29.83	
		For >100, Deduct	-43.60	
		For 2" Thick Door, Add	35.63	
		For Insulated Door (Polystyrene Core), Add	46.01	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	115.02	
		For Seamless Edge (Welded), Add	57.51	
		For Steel Stiffened, Add	115.02	

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

08 13 13 13-0102	EA		2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	557.91	45.50
			For 18 Gauge, Grade II, Heavy Duty, Add	93.38	
			For Up To 1' Extra Height, Add	129.20	
			For 1' To 1'-6" Extra Height, Add	246.49	
			For Composite Door Instead Of Full Panel Door, Add	21.01	
			For Type 304 Stainless Steel Door, Add	378.09	
			For Type 316 Stainless Steel Door, Add	611.55	
			For Embossed Panel, Add	112.06	
			For Galvanized Steel, Add	70.04	
			For Baked Enamel Finish, Add	194.67	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-30.17	
			For >100, Deduct	-44.12	
			For 2" Thick Door, Add	36.13	
			For Insulated Door (Polystyrene Core), Add	46.69	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	116.73	
			For Seamless Edge (Welded), Add	58.37	
			For Steel Stiffened, Add	116.73	
08 13 13 13-0103	EA		2'-10" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	562.64	46.48
			For 18 Gauge, Grade II, Heavy Duty, Add	93.93	
			For Up To 1' Extra Height, Add	129.96	
			For 1' To 1'-6" Extra Height, Add	247.94	
			For Composite Door Instead Of Full Panel Door, Add	21.14	
			For Type 304 Stainless Steel Door, Add	380.38	
			For Type 316 Stainless Steel Door, Add	615.22	
			For Embossed Panel, Add	112.72	
			For Galvanized Steel, Add	70.45	
			For Baked Enamel Finish, Add	196.68	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-30.46	
			For >100, Deduct	-44.52	
			For 2" Thick Door, Add	36.38	
			For Insulated Door (Polystyrene Core), Add	46.97	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	117.42	
			For Seamless Edge (Welded), Add	58.71	
			For Steel Stiffened, Add	117.42	
08 13 13 13-0104	EA		3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	567.35	47.47
			For 18 Gauge, Grade II, Heavy Duty, Add	94.48	
			For Up To 1' Extra Height, Add	130.72	
			For 1' To 1'-6" Extra Height, Add	249.39	
			For Composite Door Instead Of Full Panel Door, Add	21.26	
			For Type 304 Stainless Steel Door, Add	382.68	
			For Type 316 Stainless Steel Door, Add	618.88	
			For Embossed Panel, Add	113.38	
			For Galvanized Steel, Add	70.86	
			For Baked Enamel Finish, Add	198.69	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-30.74	
			For >100, Deduct	-44.92	
			For 2" Thick Door, Add	36.62	
			For Insulated Door (Polystyrene Core), Add	47.24	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	118.10	
			For Seamless Edge (Welded), Add	59.05	
			For Steel Stiffened, Add	118.10	
08 13 13 13-0105	EA		3'-4" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	603.06	47.47
			For 18 Gauge, Grade II, Heavy Duty, Add	101.62	
			For Up To 1' Extra Height, Add	140.60	
			For 1' To 1'-6" Extra Height, Add	268.24	
			For Composite Door Instead Of Full Panel Door, Add	22.87	
			For Type 304 Stainless Steel Door, Add	411.24	
			For Type 316 Stainless Steel Door, Add	665.30	
			For Embossed Panel, Add	121.95	
			For Galvanized Steel, Add	76.22	
			For Baked Enamel Finish, Add	209.40	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-32.53	
			For >100, Deduct	-47.60	
			For 2" Thick Door, Add	39.21	
			For Insulated Door (Polystyrene Core), Add	50.81	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	127.03	
			For Seamless Edge (Welded), Add	63.52	
			For Steel Stiffened, Add	127.03	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0106	EA	3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated).....	620.76	49.45
			For 18 Gauge, Grade II, Heavy Duty, Add	104.37	
			For Up To 1' Extra Height, Add	144.40	
			For 1' To 1'-6" Extra Height, Add	275.49	
			For Composite Door Instead Of Full Panel Door, Add	23.48	
			For Type 304 Stainless Steel Door, Add	422.43	
			For Type 316 Stainless Steel Door, Add	683.36	
			For Embossed Panel, Add	125.25	
			For Galvanized Steel, Add	78.28	
			For Baked Enamel Finish, Add	215.90	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.51	
			For >100, Deduct	-49.03	
			For 2" Thick Door, Add	40.31	
			For Insulated Door (Polystyrene Core), Add	52.19	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	130.47	
			For Seamless Edge (Welded), Add	65.23	
			For Steel Stiffened, Add	130.47	
08 13 13	13-0107	EA	4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	683.60	53.41
			For 18 Gauge, Grade II, Heavy Duty, Add	115.36	
			For Up To 1' Extra Height, Add	159.60	
			For 1' To 1'-6" Extra Height, Add	304.49	
			For Composite Door Instead Of Full Panel Door, Add	25.96	
			For Type 304 Stainless Steel Door, Add	466.77	
			For Type 316 Stainless Steel Door, Add	755.17	
			For Embossed Panel, Add	138.43	
			For Galvanized Steel, Add	86.52	
			For Baked Enamel Finish, Add	237.12	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.85	
			For >100, Deduct	-53.94	
			For 2" Thick Door, Add	44.49	
			For Insulated Door (Polystyrene Core), Add	57.68	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	144.20	
			For Seamless Edge (Welded), Add	72.10	
			For Steel Stiffened, Add	144.20	
08 13 13	13-0108	PR	Pair 2'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,092.98	86.44
			For 18 Gauge, Grade II, Heavy Duty, Add	184.02	
			For Up To 1' Extra Height, Add	254.59	
			For 1' To 1'-6" Extra Height, Add	485.73	
			For Composite Door Instead Of Full Panel Door, Add	41.40	
			For Type 304 Stainless Steel Door, Add	744.73	
			For Type 316 Stainless Steel Door, Add	1,204.79	
			For Embossed Panel, Add	220.83	
			For Galvanized Steel, Add	138.02	
			For Baked Enamel Finish, Add	379.76	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-58.97	
			For >100, Deduct	-86.30	
			For 2" Thick Door, Add	71.03	
			For Insulated Door (Polystyrene Core), Add	92.01	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	230.03	
			For Seamless Edge (Welded), Add	115.01	
			For Steel Stiffened, Add	230.03	
08 13 13	13-0109	PR	Pair 2'-8" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,106.72	86.44
			For 18 Gauge, Grade II, Heavy Duty, Add	186.77	
			For Up To 1' Extra Height, Add	258.40	
			For 1' To 1'-6" Extra Height, Add	492.98	
			For Composite Door Instead Of Full Panel Door, Add	42.02	
			For Type 304 Stainless Steel Door, Add	755.72	
			For Type 316 Stainless Steel Door, Add	1,222.65	
			For Embossed Panel, Add	224.12	
			For Galvanized Steel, Add	140.08	
			For Baked Enamel Finish, Add	383.88	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-59.66	
			For >100, Deduct	-87.33	
			For 2" Thick Door, Add	72.03	
			For Insulated Door (Polystyrene Core), Add	93.39	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	233.46	
			For Seamless Edge (Welded), Add	116.73	
			For Steel Stiffened, Add	233.46	

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

08 13 13 13-0110	PR		Pair 2'-10" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,093.63	77.14
			For 18 Gauge, Grade II, Heavy Duty, Add	187.87	
			For Up To 1' Extra Height, Add	259.92	
			For 1' To 1'-6" Extra Height, Add	495.88	
			For Composite Door Instead Of Full Panel Door, Add	42.27	
			For Type 304 Stainless Steel Door, Add	759.19	
			For Type 316 Stainless Steel Door, Add	1,228.86	
			For Embossed Panel, Add	225.44	
			For Galvanized Steel, Add	140.90	
			For Baked Enamel Finish, Add	374.38	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-58.54	
			For >100, Deduct	-85.88	
			For 2" Thick Door, Add	71.96	
			For Insulated Door (Polystyrene Core), Add	93.93	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	234.84	
			For Seamless Edge (Welded), Add	117.42	
			For Steel Stiffened, Add	234.84	
08 13 13 13-0111	PR		Pair 3' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,125.22	90.20
			For 18 Gauge, Grade II, Heavy Duty, Add	188.97	
			For Up To 1' Extra Height, Add	261.43	
			For 1' To 1'-6" Extra Height, Add	498.78	
			For Composite Door Instead Of Full Panel Door, Add	42.52	
			For Type 304 Stainless Steel Door, Add	764.88	
			For Type 316 Stainless Steel Door, Add	1,237.30	
			For Embossed Panel, Add	226.76	
			For Galvanized Steel, Add	141.72	
			For Baked Enamel Finish, Add	391.68	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-60.77	
			For >100, Deduct	-88.90	
			For 2" Thick Door, Add	73.01	
			For Insulated Door (Polystyrene Core), Add	94.48	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	236.21	
			For Seamless Edge (Welded), Add	118.10	
			For Steel Stiffened, Add	236.21	
08 13 13 13-0112	PR		Pair 3'-6" x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,231.61	93.95
			For 18 Gauge, Grade II, Heavy Duty, Add	208.74	
			For Up To 1' Extra Height, Add	288.79	
			For 1' To 1'-6" Extra Height, Add	550.97	
			For Composite Door Instead Of Full Panel Door, Add	46.97	
			For Type 304 Stainless Steel Door, Add	844.36	
			For Type 316 Stainless Steel Door, Add	1,366.22	
			For Embossed Panel, Add	250.49	
			For Galvanized Steel, Add	156.56	
			For Baked Enamel Finish, Add	425.85	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-66.28	
			For >100, Deduct	-97.07	
			For 2" Thick Door, Add	80.37	
			For Insulated Door (Polystyrene Core), Add	104.37	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	260.93	
			For Seamless Edge (Welded), Add	130.46	
			For Steel Stiffened, Add	260.93	
08 13 13 13-0113	PR		Pair 4' x 8' x 1-3/4" 18 Gauge Metal Door (Unrated)	1,356.53	101.47
			For 18 Gauge, Grade II, Heavy Duty, Add	230.72	
			For Up To 1' Extra Height, Add	319.20	
			For 1' To 1'-6" Extra Height, Add	608.97	
			For Composite Door Instead Of Full Panel Door, Add	51.91	
			For Type 304 Stainless Steel Door, Add	933.01	
			For Type 316 Stainless Steel Door, Add	1,509.80	
			For Embossed Panel, Add	276.86	
			For Galvanized Steel, Add	173.04	
			For Baked Enamel Finish, Add	467.84	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-72.90	
			For >100, Deduct	-106.81	
			For 2" Thick Door, Add	88.71	
			For Insulated Door (Polystyrene Core), Add	115.36	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	288.40	
			For Seamless Edge (Welded), Add	144.20	
			For Steel Stiffened, Add	288.40	

08 13 13 13-0114 16 Gauge 1-3/4" Unrated Door (08 13 13 13)

08 Openings

08 10 Doors And Frames

08 13 Metal Doors

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0115	6'-8" High (08 13 13 13-0114)		
08 13 13 13-0116	EA 2' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	589.29	43.51
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	150.68	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	200.90	
	For Composite Door Instead Of Full Panel Door, Add	22.60	
	For Type 304 Stainless Steel Door, Add	406.15	
	For Type 316 Stainless Steel Door, Add	657.28	
	For Embossed Panel, Add	120.54	
	For Galvanized Steel, Add	75.34	
	For Baked Enamel Finish, Add	202.90	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-31.64	
	For >100, Deduct	-46.37	
	For 2" Thick Door, Add	38.59	
	For Insulated Door (Polystyrene Core), Add	50.23	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	125.56	
	For Seamless Edge (Welded), Add	62.78	
	For Steel Stiffened, Add	125.56	
08 13 13 13-0117	EA 2'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	589.29	43.51
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	150.68	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	200.90	
	For Composite Door Instead Of Full Panel Door, Add	22.60	
	For Type 304 Stainless Steel Door, Add	406.15	
	For Type 316 Stainless Steel Door, Add	657.28	
	For Embossed Panel, Add	120.54	
	For Galvanized Steel, Add	75.34	
	For Baked Enamel Finish, Add	202.90	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-31.64	
	For >100, Deduct	-46.37	
	For 2" Thick Door, Add	38.59	
	For Insulated Door (Polystyrene Core), Add	50.23	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	125.56	
	For Seamless Edge (Welded), Add	62.78	
	For Steel Stiffened, Add	125.56	
08 13 13 13-0118	EA 2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	603.51	45.50
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	153.76	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	205.01	
	For Composite Door Instead Of Full Panel Door, Add	23.06	
	For Type 304 Stainless Steel Door, Add	414.57	
	For Type 316 Stainless Steel Door, Add	670.83	
	For Embossed Panel, Add	123.00	
	For Galvanized Steel, Add	76.88	
	For Baked Enamel Finish, Add	208.35	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-32.45	
	For >100, Deduct	-47.54	
	For 2" Thick Door, Add	39.43	
	For Insulated Door (Polystyrene Core), Add	51.25	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	128.13	
	For Seamless Edge (Welded), Add	64.07	
	For Steel Stiffened, Add	128.13	
08 13 13 13-0119	EA 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	611.16	45.50
	For 16 Gauge, Grade III, Extra Heavy Duty, Add	156.05	
	For 14 Gauge, Grade III, Extra Heavy Duty, Add	208.07	
	For Composite Door Instead Of Full Panel Door, Add	23.41	
	For Type 304 Stainless Steel Door, Add	420.69	
	For Type 316 Stainless Steel Door, Add	680.77	
	For Embossed Panel, Add	124.84	
	For Galvanized Steel, Add	78.03	
	For Baked Enamel Finish, Add	210.65	
	For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
	For 45 Minutes Rated Door And FM Label, Add	41.40	
	For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
	For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
	For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
	For >50 To 100, Deduct	-32.83	
	For >100, Deduct	-48.11	
	For 2" Thick Door, Add	39.99	
	For Insulated Door (Polystyrene Core), Add	52.02	
	For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	130.04	
	For Seamless Edge (Welded), Add	65.02	
	For Steel Stiffened, Add	130.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0120	EA	2'-10" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	616.20	46.48
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	156.97	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	209.29	
			For Composite Door Instead Of Full Panel Door, Add	23.55	
			For Type 304 Stainless Steel Door, Add	423.23	
			For Type 316 Stainless Steel Door, Add	684.85	
			For Embossed Panel, Add	125.58	
			For Galvanized Steel, Add	78.48	
			For Baked Enamel Finish, Add	212.75	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.13	
			For >100, Deduct	-48.54	
			For 2" Thick Door, Add	40.26	
			For Insulated Door (Polystyrene Core), Add	52.32	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	130.81	
			For Seamless Edge (Welded), Add	65.40	
			For Steel Stiffened, Add	130.81	
08 13 13	13-0121	EA	3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	621.23	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	157.89	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	210.52	
			For Composite Door Instead Of Full Panel Door, Add	23.68	
			For Type 304 Stainless Steel Door, Add	425.78	
			For Type 316 Stainless Steel Door, Add	688.92	
			For Embossed Panel, Add	126.31	
			For Galvanized Steel, Add	78.94	
			For Baked Enamel Finish, Add	214.85	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.44	
			For >100, Deduct	-48.97	
			For 2" Thick Door, Add	40.53	
			For Insulated Door (Polystyrene Core), Add	52.63	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.57	
			For Seamless Edge (Welded), Add	65.79	
			For Steel Stiffened, Add	131.57	
08 13 13	13-0122	EA	3'-4" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	661.01	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	169.82	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	226.43	
			For Composite Door Instead Of Full Panel Door, Add	25.47	
			For Type 304 Stainless Steel Door, Add	457.60	
			For Type 316 Stainless Steel Door, Add	740.64	
			For Embossed Panel, Add	135.86	
			For Galvanized Steel, Add	84.91	
			For Baked Enamel Finish, Add	226.79	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-35.42	
			For >100, Deduct	-51.95	
			For 2" Thick Door, Add	43.41	
			For Insulated Door (Polystyrene Core), Add	56.61	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	141.52	
			For Seamless Edge (Welded), Add	70.76	
			For Steel Stiffened, Add	141.52	
08 13 13	13-0123	EA	3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	680.26	49.45
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	174.41	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	232.54	
			For Composite Door Instead Of Full Panel Door, Add	26.16	
			For Type 304 Stainless Steel Door, Add	470.03	
			For Type 316 Stainless Steel Door, Add	760.71	
			For Embossed Panel, Add	139.53	
			For Galvanized Steel, Add	87.20	
			For Baked Enamel Finish, Add	233.75	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.49	
			For >100, Deduct	-53.49	
			For 2" Thick Door, Add	44.62	
			For Insulated Door (Polystyrene Core), Add	58.14	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	145.34	
			For Seamless Edge (Welded), Add	72.67	
			For Steel Stiffened, Add	145.34	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0124	EA	4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	749.37	53.41
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	192.77	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	257.02	
			For Composite Door Instead Of Full Panel Door, Add	28.92	
			For Type 304 Stainless Steel Door, Add	519.39	
			For Type 316 Stainless Steel Door, Add	840.67	
			For Embossed Panel, Add	154.21	
			For Galvanized Steel, Add	96.38	
			For Baked Enamel Finish, Add	256.85	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-40.14	
			For >100, Deduct	-58.87	
			For 2" Thick Door, Add	49.26	
			For Insulated Door (Polystyrene Core), Add	64.26	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	160.64	
			For Seamless Edge (Welded), Add	80.32	
			For Steel Stiffened, Add	160.64	
08 13 13	13-0125	PR	Pair 2'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,197.91	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	307.51	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	410.02	
			For Composite Door Instead Of Full Panel Door, Add	46.13	
			For Type 304 Stainless Steel Door, Add	828.68	
			For Type 316 Stainless Steel Door, Add	1,341.20	
			For Embossed Panel, Add	246.01	
			For Galvanized Steel, Add	153.76	
			For Baked Enamel Finish, Add	411.23	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-64.22	
			For >100, Deduct	-94.17	
			For 2" Thick Door, Add	78.64	
			For Insulated Door (Polystyrene Core), Add	102.50	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	256.26	
			For Seamless Edge (Welded), Add	128.13	
			For Steel Stiffened, Add	256.26	
08 13 13	13-0126	PR	Pair 2'-8" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,213.21	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	312.10	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	416.14	
			For Composite Door Instead Of Full Panel Door, Add	46.82	
			For Type 304 Stainless Steel Door, Add	840.92	
			For Type 316 Stainless Steel Door, Add	1,361.09	
			For Embossed Panel, Add	249.68	
			For Galvanized Steel, Add	156.05	
			For Baked Enamel Finish, Add	415.82	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-64.98	
			For >100, Deduct	-95.31	
			For 2" Thick Door, Add	79.75	
			For Insulated Door (Polystyrene Core), Add	104.03	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	260.09	
			For Seamless Edge (Welded), Add	130.04	
			For Steel Stiffened, Add	260.09	
08 13 13	13-0127	PR	Pair 2'-10" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,200.75	77.14
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	313.94	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	418.58	
			For Composite Door Instead Of Full Panel Door, Add	47.09	
			For Type 304 Stainless Steel Door, Add	844.88	
			For Type 316 Stainless Steel Door, Add	1,368.11	
			For Embossed Panel, Add	251.15	
			For Galvanized Steel, Add	156.97	
			For Baked Enamel Finish, Add	406.51	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-63.89	
			For >100, Deduct	-93.91	
			For 2" Thick Door, Add	79.73	
			For Insulated Door (Polystyrene Core), Add	104.65	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	261.62	
			For Seamless Edge (Welded), Add	130.81	
			For Steel Stiffened, Add	261.62	

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

08 13 13 13-0128	PR		Pair 3' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,232.97	90.20
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	315.77	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	421.03	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	47.37	
			<i>For Type 304 Stainless Steel Door, Add</i>	851.08	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,377.37	
			<i>For Embossed Panel, Add</i>	252.62	
			<i>For Galvanized Steel, Add</i>	157.89	
			<i>For Baked Enamel Finish, Add</i>	424.01	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-66.16	
			<i>For >100, Deduct</i>	-96.98	
			<i>For 2" Thick Door, Add</i>	80.82	
			<i>For Insulated Door (Polystyrene Core), Add</i>	105.26	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	263.15	
			<i>For Seamless Edge (Welded), Add</i>	131.57	
			<i>For Steel Stiffened, Add</i>	263.15	
08 13 13 13-0129	PR		Pair 3'-6" x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,350.63	93.95
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	348.82	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	465.09	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	52.32	
			<i>For Type 304 Stainless Steel Door, Add</i>	939.58	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,520.94	
			<i>For Embossed Panel, Add</i>	279.06	
			<i>For Galvanized Steel, Add</i>	174.41	
			<i>For Baked Enamel Finish, Add</i>	461.56	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-72.23	
			<i>For >100, Deduct</i>	-105.99	
			<i>For 2" Thick Door, Add</i>	89.00	
			<i>For Insulated Door (Polystyrene Core), Add</i>	116.27	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	290.68	
			<i>For Seamless Edge (Welded), Add</i>	145.34	
			<i>For Steel Stiffened, Add</i>	290.68	
08 13 13 13-0130	PR		Pair 4' x 6'-8" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,488.07	101.47
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	385.54	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	514.05	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	57.83	
			<i>For Type 304 Stainless Steel Door, Add</i>	1,038.24	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,680.80	
			<i>For Embossed Panel, Add</i>	308.43	
			<i>For Galvanized Steel, Add</i>	192.77	
			<i>For Baked Enamel Finish, Add</i>	507.31	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-79.48	
			<i>For >100, Deduct</i>	-116.68	
			<i>For 2" Thick Door, Add</i>	98.24	
			<i>For Insulated Door (Polystyrene Core), Add</i>	128.51	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	321.28	
			<i>For Seamless Edge (Welded), Add</i>	160.64	
			<i>For Steel Stiffened, Add</i>	321.28	
08 13 13 13-0131			7' High <small>(08 13 13 13-0114)</small>		
08 13 13 13-0132	EA		2' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	601.21	43.51
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	154.25	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	205.67	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	23.14	
			<i>For Type 304 Stainless Steel Door, Add</i>	415.69	
			<i>For Type 316 Stainless Steel Door, Add</i>	672.77	
			<i>For Embossed Panel, Add</i>	123.40	
			<i>For Galvanized Steel, Add</i>	77.13	
			<i>For Baked Enamel Finish, Add</i>	206.48	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.24	
			<i>For >100, Deduct</i>	-47.27	
			<i>For 2" Thick Door, Add</i>	39.45	
			<i>For Insulated Door (Polystyrene Core), Add</i>	51.42	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	128.54	
			<i>For Seamless Edge (Welded), Add</i>	64.27	
			<i>For Steel Stiffened, Add</i>	128.54	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0133	EA	2'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	601.21	43.51
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	154.25	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	205.67	
			For Composite Door Instead Of Full Panel Door, Add	23.14	
			For Type 304 Stainless Steel Door, Add	415.69	
			For Type 316 Stainless Steel Door, Add	672.77	
			For Embossed Panel, Add	123.40	
			For Galvanized Steel, Add	77.13	
			For Baked Enamel Finish, Add	206.48	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-32.24	
			For >100, Deduct	-47.27	
			For 2" Thick Door, Add	39.45	
			For Insulated Door (Polystyrene Core), Add	51.42	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	128.54	
			For Seamless Edge (Welded), Add	64.27	
			For Steel Stiffened, Add	128.54	
08 13 13	13-0134	EA	2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	615.67	45.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	157.40	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	209.87	
			For Composite Door Instead Of Full Panel Door, Add	23.61	
			For Type 304 Stainless Steel Door, Add	424.29	
			For Type 316 Stainless Steel Door, Add	686.63	
			For Embossed Panel, Add	125.92	
			For Galvanized Steel, Add	78.70	
			For Baked Enamel Finish, Add	212.00	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.06	
			For >100, Deduct	-48.45	
			For 2" Thick Door, Add	40.31	
			For Insulated Door (Polystyrene Core), Add	52.47	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	131.17	
			For Seamless Edge (Welded), Add	65.59	
			For Steel Stiffened, Add	131.17	
08 13 13	13-0135	EA	2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	623.50	45.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	159.75	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	213.00	
			For Composite Door Instead Of Full Panel Door, Add	23.96	
			For Type 304 Stainless Steel Door, Add	430.56	
			For Type 316 Stainless Steel Door, Add	696.81	
			For Embossed Panel, Add	127.80	
			For Galvanized Steel, Add	79.88	
			For Baked Enamel Finish, Add	214.35	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.45	
			For >100, Deduct	-49.04	
			For 2" Thick Door, Add	40.88	
			For Insulated Door (Polystyrene Core), Add	53.25	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	133.13	
			For Seamless Edge (Welded), Add	66.56	
			For Steel Stiffened, Add	133.13	
08 13 13	13-0136	EA	2'-10" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	628.61	46.48
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	160.69	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	214.26	
			For Composite Door Instead Of Full Panel Door, Add	24.10	
			For Type 304 Stainless Steel Door, Add	433.16	
			For Type 316 Stainless Steel Door, Add	700.98	
			For Embossed Panel, Add	128.55	
			For Galvanized Steel, Add	80.35	
			For Baked Enamel Finish, Add	216.47	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.75	
			For >100, Deduct	-49.47	
			For 2" Thick Door, Add	41.16	
			For Insulated Door (Polystyrene Core), Add	53.56	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	133.91	
			For Seamless Edge (Welded), Add	66.96	
			For Steel Stiffened, Add	133.91	

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

08 13 13 13-0137	EA		3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	633.72	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	161.63	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	215.51	
			For Composite Door Instead Of Full Panel Door, Add	24.25	
			For Type 304 Stainless Steel Door, Add	435.77	
			For Type 316 Stainless Steel Door, Add	705.16	
			For Embossed Panel, Add	129.31	
			For Galvanized Steel, Add	80.82	
			For Baked Enamel Finish, Add	218.60	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-34.06	
			For >100, Deduct	-49.90	
			For 2" Thick Door, Add	41.44	
			For Insulated Door (Polystyrene Core), Add	53.88	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	134.70	
			For Seamless Edge (Welded), Add	67.35	
			For Steel Stiffened, Add	134.70	
08 13 13 13-0138	EA		3'-4" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	674.44	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	173.85	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	231.80	
			For Composite Door Instead Of Full Panel Door, Add	26.08	
			For Type 304 Stainless Steel Door, Add	468.35	
			For Type 316 Stainless Steel Door, Add	758.10	
			For Embossed Panel, Add	139.08	
			For Galvanized Steel, Add	86.93	
			For Baked Enamel Finish, Add	230.81	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.10	
			For >100, Deduct	-52.96	
			For 2" Thick Door, Add	44.39	
			For Insulated Door (Polystyrene Core), Add	57.95	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	144.88	
			For Seamless Edge (Welded), Add	72.44	
			For Steel Stiffened, Add	144.88	
08 13 13 13-0139	EA		3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated).....	694.06	49.45
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	178.55	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	238.06	
			For Composite Door Instead Of Full Panel Door, Add	26.78	
			For Type 304 Stainless Steel Door, Add	481.07	
			For Type 316 Stainless Steel Door, Add	778.65	
			For Embossed Panel, Add	142.84	
			For Galvanized Steel, Add	89.27	
			For Baked Enamel Finish, Add	237.89	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-37.18	
			For >100, Deduct	-54.53	
			For 2" Thick Door, Add	45.62	
			For Insulated Door (Polystyrene Core), Add	59.52	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	148.79	
			For Seamless Edge (Welded), Add	74.40	
			For Steel Stiffened, Add	148.79	
08 13 13 13-0140	EA		4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	764.62	53.41
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	197.34	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	263.12	
			For Composite Door Instead Of Full Panel Door, Add	29.60	
			For Type 304 Stainless Steel Door, Add	531.59	
			For Type 316 Stainless Steel Door, Add	860.49	
			For Embossed Panel, Add	157.87	
			For Galvanized Steel, Add	98.67	
			For Baked Enamel Finish, Add	261.43	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-40.90	
			For >100, Deduct	-60.02	
			For 2" Thick Door, Add	50.36	
			For Insulated Door (Polystyrene Core), Add	65.78	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	164.45	
			For Seamless Edge (Welded), Add	82.23	
			For Steel Stiffened, Add	164.45	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0141	PR	Pair 2'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,222.23	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	314.81	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	419.74	
			For Composite Door Instead Of Full Panel Door, Add	47.22	
			For Type 304 Stainless Steel Door, Add	848.13	
			For Type 316 Stainless Steel Door, Add	1,372.81	
			For Embossed Panel, Add	251.85	
			For Galvanized Steel, Add	157.40	
			For Baked Enamel Finish, Add	418.53	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-65.43	
			For >100, Deduct	-95.99	
			For 2" Thick Door, Add	80.40	
			For Insulated Door (Polystyrene Core), Add	104.94	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	262.34	
			For Seamless Edge (Welded), Add	131.17	
			For Steel Stiffened, Add	262.34	
08 13 13	13-0142	PR	Pair 2'-8" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,237.90	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	319.51	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	426.01	
			For Composite Door Instead Of Full Panel Door, Add	47.93	
			For Type 304 Stainless Steel Door, Add	860.67	
			For Type 316 Stainless Steel Door, Add	1,393.18	
			For Embossed Panel, Add	255.61	
			For Galvanized Steel, Add	159.75	
			For Baked Enamel Finish, Add	423.23	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-66.22	
			For >100, Deduct	-97.16	
			For 2" Thick Door, Add	81.54	
			For Insulated Door (Polystyrene Core), Add	106.50	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	266.26	
			For Seamless Edge (Welded), Add	133.13	
			For Steel Stiffened, Add	266.26	
08 13 13	13-0143	PR	Pair 2'-10" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,225.58	77.14
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	321.39	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	428.52	
			For Composite Door Instead Of Full Panel Door, Add	48.21	
			For Type 304 Stainless Steel Door, Add	864.75	
			For Type 316 Stainless Steel Door, Add	1,400.39	
			For Embossed Panel, Add	257.11	
			For Galvanized Steel, Add	160.69	
			For Baked Enamel Finish, Add	413.96	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-65.14	
			For >100, Deduct	-95.78	
			For 2" Thick Door, Add	81.53	
			For Insulated Door (Polystyrene Core), Add	107.13	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	267.82	
			For Seamless Edge (Welded), Add	133.91	
			For Steel Stiffened, Add	267.82	
08 13 13	13-0144	PR	Pair 3' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,257.95	90.20
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	323.27	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	431.02	
			For Composite Door Instead Of Full Panel Door, Add	48.49	
			For Type 304 Stainless Steel Door, Add	871.07	
			For Type 316 Stainless Steel Door, Add	1,409.85	
			For Embossed Panel, Add	258.61	
			For Galvanized Steel, Add	161.63	
			For Baked Enamel Finish, Add	431.50	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-67.41	
			For >100, Deduct	-98.86	
			For 2" Thick Door, Add	82.63	
			For Insulated Door (Polystyrene Core), Add	107.76	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	269.39	
			For Seamless Edge (Welded), Add	134.70	
			For Steel Stiffened, Add	269.39	

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

08 13 13 13-0145	PR		Pair 3'-6" x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,378.22	93.95
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	357.10	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	476.13	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	53.56	
			<i>For Type 304 Stainless Steel Door, Add</i>	961.65	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,556.81	
			<i>For Embossed Panel, Add</i>	285.68	
			<i>For Galvanized Steel, Add</i>	178.55	
			<i>For Baked Enamel Finish, Add</i>	469.84	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-73.61	
			<i>For >100, Deduct</i>	-108.06	
			<i>For 2" Thick Door, Add</i>	91.00	
			<i>For Insulated Door (Polystyrene Core), Add</i>	119.03	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	297.58	
			<i>For Seamless Edge (Welded), Add</i>	148.79	
			<i>For Steel Stiffened, Add</i>	297.58	
08 13 13 13-0146	PR		Pair 4' x 7' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,518.57	101.47
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	394.69	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	526.25	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	59.20	
			<i>For Type 304 Stainless Steel Door, Add</i>	1,062.64	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,720.45	
			<i>For Embossed Panel, Add</i>	315.75	
			<i>For Galvanized Steel, Add</i>	197.34	
			<i>For Baked Enamel Finish, Add</i>	516.46	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-81.00	
			<i>For >100, Deduct</i>	-118.97	
			<i>For 2" Thick Door, Add</i>	100.46	
			<i>For Insulated Door (Polystyrene Core), Add</i>	131.56	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	328.91	
			<i>For Seamless Edge (Welded), Add</i>	164.45	
			<i>For Steel Stiffened, Add</i>	328.91	
08 13 13 13-0147			7'-2" High <small>(08 13 13 13-0144)</small>		
08 13 13 13-0148	EA		2' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	613.13	43.51
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	157.83	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	210.44	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	23.67	
			<i>For Type 304 Stainless Steel Door, Add</i>	425.22	
			<i>For Type 316 Stainless Steel Door, Add</i>	688.27	
			<i>For Embossed Panel, Add</i>	126.26	
			<i>For Galvanized Steel, Add</i>	78.91	
			<i>For Baked Enamel Finish, Add</i>	210.05	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.83	
			<i>For >100, Deduct</i>	-48.16	
			<i>For 2" Thick Door, Add</i>	40.32	
			<i>For Insulated Door (Polystyrene Core), Add</i>	52.61	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	131.52	
			<i>For Seamless Edge (Welded), Add</i>	65.76	
			<i>For Steel Stiffened, Add</i>	131.52	
08 13 13 13-0149	EA		2'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	613.13	43.51
			<i>For 16 Gauge, Grade III, Extra Heavy Duty, Add</i>	157.83	
			<i>For 14 Gauge, Grade III, Extra Heavy Duty, Add</i>	210.44	
			<i>For Composite Door Instead Of Full Panel Door, Add</i>	23.67	
			<i>For Type 304 Stainless Steel Door, Add</i>	425.22	
			<i>For Type 316 Stainless Steel Door, Add</i>	688.27	
			<i>For Embossed Panel, Add</i>	126.26	
			<i>For Galvanized Steel, Add</i>	78.91	
			<i>For Baked Enamel Finish, Add</i>	210.05	
			<i>For 20 Minutes To 30 Minutes Rated Door And FM Label, Add</i>	27.63	
			<i>For 45 Minutes Rated Door And FM Label, Add</i>	41.40	
			<i>For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add</i>	55.27	
			<i>For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add</i>	93.38	
			<i>For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-32.83	
			<i>For >100, Deduct</i>	-48.16	
			<i>For 2" Thick Door, Add</i>	40.32	
			<i>For Insulated Door (Polystyrene Core), Add</i>	52.61	
			<i>For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add</i>	131.52	
			<i>For Seamless Edge (Welded), Add</i>	65.76	
			<i>For Steel Stiffened, Add</i>	131.52	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0150	EA	2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	627.84	45.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	161.06	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	214.74	
			For Composite Door Instead Of Full Panel Door, Add	24.16	
			For Type 304 Stainless Steel Door, Add	434.03	
			For Type 316 Stainless Steel Door, Add	702.45	
			For Embossed Panel, Add	128.84	
			For Galvanized Steel, Add	80.53	
			For Baked Enamel Finish, Add	215.65	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-33.67	
			For >100, Deduct	-49.36	
			For 2" Thick Door, Add	41.20	
			For Insulated Door (Polystyrene Core), Add	53.69	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	134.21	
			For Seamless Edge (Welded), Add	67.11	
			For Steel Stiffened, Add	134.21	
08 13 13	13-0151	EA	2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	635.85	45.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	163.46	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	217.94	
			For Composite Door Instead Of Full Panel Door, Add	24.52	
			For Type 304 Stainless Steel Door, Add	440.44	
			For Type 316 Stainless Steel Door, Add	712.87	
			For Embossed Panel, Add	130.77	
			For Galvanized Steel, Add	81.73	
			For Baked Enamel Finish, Add	218.05	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-34.07	
			For >100, Deduct	-49.96	
			For 2" Thick Door, Add	41.78	
			For Insulated Door (Polystyrene Core), Add	54.49	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	136.22	
			For Seamless Edge (Welded), Add	68.11	
			For Steel Stiffened, Add	136.22	
08 13 13	13-0152	EA	2'-10" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	641.03	46.48
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	164.42	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	219.22	
			For Composite Door Instead Of Full Panel Door, Add	24.66	
			For Type 304 Stainless Steel Door, Add	443.10	
			For Type 316 Stainless Steel Door, Add	717.13	
			For Embossed Panel, Add	131.53	
			For Galvanized Steel, Add	82.21	
			For Baked Enamel Finish, Add	220.20	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-34.38	
			For >100, Deduct	-50.40	
			For 2" Thick Door, Add	42.06	
			For Insulated Door (Polystyrene Core), Add	54.81	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	137.02	
			For Seamless Edge (Welded), Add	68.51	
			For Steel Stiffened, Add	137.02	
08 13 13	13-0153	EA	3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	646.21	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	165.38	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	220.51	
			For Composite Door Instead Of Full Panel Door, Add	24.81	
			For Type 304 Stainless Steel Door, Add	445.76	
			For Type 316 Stainless Steel Door, Add	721.40	
			For Embossed Panel, Add	132.30	
			For Galvanized Steel, Add	82.69	
			For Baked Enamel Finish, Add	222.35	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-34.68	
			For >100, Deduct	-50.84	
			For 2" Thick Door, Add	42.34	
			For Insulated Door (Polystyrene Core), Add	55.13	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	137.82	
			For Seamless Edge (Welded), Add	68.91	
			For Steel Stiffened, Add	137.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0154	EA		3'-4" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	687.87	47.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	177.88	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	237.17	
			For Composite Door Instead Of Full Panel Door, Add	26.68	
			For Type 304 Stainless Steel Door, Add	479.09	
			For Type 316 Stainless Steel Door, Add	775.56	
			For Embossed Panel, Add	142.30	
			For Galvanized Steel, Add	88.94	
			For Baked Enamel Finish, Add	234.84	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-36.77	
			For >100, Deduct	-53.96	
			For 2" Thick Door, Add	45.36	
			For Insulated Door (Polystyrene Core), Add	59.29	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	148.23	
			For Seamless Edge (Welded), Add	74.12	
			For Steel Stiffened, Add	148.23	
08 13 13 13-0155	EA		3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	707.86	49.45
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	182.69	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	243.58	
			For Composite Door Instead Of Full Panel Door, Add	27.40	
			For Type 304 Stainless Steel Door, Add	492.11	
			For Type 316 Stainless Steel Door, Add	796.59	
			For Embossed Panel, Add	146.15	
			For Galvanized Steel, Add	91.34	
			For Baked Enamel Finish, Add	242.03	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-37.87	
			For >100, Deduct	-55.56	
			For 2" Thick Door, Add	46.62	
			For Insulated Door (Polystyrene Core), Add	60.90	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	152.24	
			For Seamless Edge (Welded), Add	76.12	
			For Steel Stiffened, Add	152.24	
08 13 13 13-0156	EA		4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	779.87	53.41
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	201.92	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	269.22	
			For Composite Door Instead Of Full Panel Door, Add	30.29	
			For Type 304 Stainless Steel Door, Add	543.79	
			For Type 316 Stainless Steel Door, Add	880.32	
			For Embossed Panel, Add	161.53	
			For Galvanized Steel, Add	100.96	
			For Baked Enamel Finish, Add	266.00	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-41.66	
			For >100, Deduct	-61.16	
			For 2" Thick Door, Add	51.47	
			For Insulated Door (Polystyrene Core), Add	67.31	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	168.27	
			For Seamless Edge (Welded), Add	84.13	
			For Steel Stiffened, Add	168.27	
08 13 13 13-0157	PR		Pair 2'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,246.56	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	322.11	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	429.48	
			For Composite Door Instead Of Full Panel Door, Add	48.32	
			For Type 304 Stainless Steel Door, Add	867.60	
			For Type 316 Stainless Steel Door, Add	1,404.44	
			For Embossed Panel, Add	257.69	
			For Galvanized Steel, Add	161.05	
			For Baked Enamel Finish, Add	425.83	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-66.65	
			For >100, Deduct	-97.81	
			For 2" Thick Door, Add	82.16	
			For Insulated Door (Polystyrene Core), Add	107.37	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	268.42	
			For Seamless Edge (Welded), Add	134.21	
			For Steel Stiffened, Add	268.42	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13	13	13-0158	PR Pair 2'-8" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,262.59	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	326.92	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	435.89	
			For Composite Door Instead Of Full Panel Door, Add	49.04	
			For Type 304 Stainless Steel Door, Add	880.42	
			For Type 316 Stainless Steel Door, Add	1,425.28	
			For Embossed Panel, Add	261.53	
			For Galvanized Steel, Add	163.46	
			For Baked Enamel Finish, Add	430.64	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-67.45	
			For >100, Deduct	-99.02	
			For 2" Thick Door, Add	83.33	
			For Insulated Door (Polystyrene Core), Add	108.97	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	272.43	
			For Seamless Edge (Welded), Add	136.22	
			For Steel Stiffened, Add	272.43	
08 13	13	13-0159	PR Pair 2'-10" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,250.42	77.14
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	328.84	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	438.45	
			For Composite Door Instead Of Full Panel Door, Add	49.33	
			For Type 304 Stainless Steel Door, Add	884.62	
			For Type 316 Stainless Steel Door, Add	1,432.68	
			For Embossed Panel, Add	263.07	
			For Galvanized Steel, Add	164.42	
			For Baked Enamel Finish, Add	421.41	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-66.38	
			For >100, Deduct	-97.64	
			For 2" Thick Door, Add	83.33	
			For Insulated Door (Polystyrene Core), Add	109.61	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	274.03	
			For Seamless Edge (Welded), Add	137.02	
			For Steel Stiffened, Add	274.03	
08 13	13	13-0160	PR Pair 3' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,282.93	90.20
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	330.76	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	441.02	
			For Composite Door Instead Of Full Panel Door, Add	49.61	
			For Type 304 Stainless Steel Door, Add	891.05	
			For Type 316 Stainless Steel Door, Add	1,442.32	
			For Embossed Panel, Add	264.61	
			For Galvanized Steel, Add	165.38	
			For Baked Enamel Finish, Add	439.00	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-68.66	
			For >100, Deduct	-100.73	
			For 2" Thick Door, Add	84.44	
			For Insulated Door (Polystyrene Core), Add	110.25	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	275.64	
			For Seamless Edge (Welded), Add	137.82	
			For Steel Stiffened, Add	275.64	
08 13	13	13-0161	PR Pair 3'-6" x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated).....	1,405.82	93.95
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	365.38	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	487.17	
			For Composite Door Instead Of Full Panel Door, Add	54.81	
			For Type 304 Stainless Steel Door, Add	983.73	
			For Type 316 Stainless Steel Door, Add	1,592.69	
			For Embossed Panel, Add	292.30	
			For Galvanized Steel, Add	182.69	
			For Baked Enamel Finish, Add	478.12	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-74.99	
			For >100, Deduct	-110.13	
			For 2" Thick Door, Add	93.00	
			For Insulated Door (Polystyrene Core), Add	121.79	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	304.48	
			For Seamless Edge (Welded), Add	152.24	
			For Steel Stiffened, Add	304.48	

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

08 13 13 13-0162	PR		Pair 4' x 7'-2" x 1-3/4" 16 Gauge Metal Door (Unrated)	1,549.07	101.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	403.84	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	538.45	
			For Composite Door Instead Of Full Panel Door, Add	60.58	
			For Type 304 Stainless Steel Door, Add	1,087.04	
			For Type 316 Stainless Steel Door, Add	1,760.10	
			For Embossed Panel, Add	323.07	
			For Galvanized Steel, Add	201.92	
			For Baked Enamel Finish, Add	525.61	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-82.53	
			For >100, Deduct	-121.25	
			For 2" Thick Door, Add	102.67	
			For Insulated Door (Polystyrene Core), Add	134.61	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	336.53	
			For Seamless Edge (Welded), Add	168.27	
			For Steel Stiffened, Add	336.53	

08 13 13 13-0163 8' High (08 13 13 13-0114)

08 13 13 13-0164	EA		2' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	711.45	43.51
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	187.32	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	249.76	
			For Up To 1' Extra Height, Add	172.77	
			For Composite Door Instead Of Full Panel Door, Add	28.10	
			For Type 304 Stainless Steel Door, Add	503.88	
			For Type 316 Stainless Steel Door, Add	816.09	
			For Embossed Panel, Add	149.86	
			For Galvanized Steel, Add	93.66	
			For Baked Enamel Finish, Add	239.55	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-37.75	
			For >100, Deduct	-55.53	
			For 2" Thick Door, Add	47.45	
			For Insulated Door (Polystyrene Core), Add	62.44	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	156.10	
			For Seamless Edge (Welded), Add	78.05	
			For Steel Stiffened, Add	156.10	
08 13 13 13-0165	EA		2'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	711.45	43.51
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	187.32	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	249.76	
			For Up To 1' Extra Height, Add	172.77	
			For Composite Door Instead Of Full Panel Door, Add	28.10	
			For Type 304 Stainless Steel Door, Add	503.88	
			For Type 316 Stainless Steel Door, Add	816.09	
			For Embossed Panel, Add	149.86	
			For Galvanized Steel, Add	93.66	
			For Baked Enamel Finish, Add	239.55	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-37.75	
			For >100, Deduct	-55.53	
			For 2" Thick Door, Add	47.45	
			For Insulated Door (Polystyrene Core), Add	62.44	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	156.10	
			For Seamless Edge (Welded), Add	78.05	
			For Steel Stiffened, Add	156.10	
08 13 13 13-0166	EA		2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	728.17	45.50
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	191.15	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	254.87	
			For Up To 1' Extra Height, Add	176.31	
			For Composite Door Instead Of Full Panel Door, Add	28.67	
			For Type 304 Stainless Steel Door, Add	514.29	
			For Type 316 Stainless Steel Door, Add	832.88	
			For Embossed Panel, Add	152.92	
			For Galvanized Steel, Add	95.58	
			For Baked Enamel Finish, Add	245.75	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-38.68	
			For >100, Deduct	-56.89	
			For 2" Thick Door, Add	48.47	
			For Insulated Door (Polystyrene Core), Add	63.72	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	159.30	
			For Seamless Edge (Welded), Add	79.65	
			For Steel Stiffened, Add	159.30	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0167	EA	2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	737.68	45.50
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	194.01	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	258.68	
		For Up To 1' Extra Height, Add	178.94	
		For Composite Door Instead Of Full Panel Door, Add	29.10	
		For Type 304 Stainless Steel Door, Add	521.90	
		For Type 316 Stainless Steel Door, Add	845.25	
		For Embossed Panel, Add	155.21	
		For Galvanized Steel, Add	97.00	
		For Baked Enamel Finish, Add	248.60	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-39.16	
		For >100, Deduct	-57.60	
		For 2" Thick Door, Add	49.16	
		For Insulated Door (Polystyrene Core), Add	64.67	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	161.67	
		For Seamless Edge (Welded), Add	80.84	
		For Steel Stiffened, Add	161.67	
08 13 13 13-0168	EA	2'-10" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	743.46	46.48
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	195.15	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	260.20	
		For Up To 1' Extra Height, Add	179.99	
		For Composite Door Instead Of Full Panel Door, Add	29.27	
		For Type 304 Stainless Steel Door, Add	525.04	
		For Type 316 Stainless Steel Door, Add	850.29	
		For Embossed Panel, Add	156.12	
		For Galvanized Steel, Add	97.57	
		For Baked Enamel Finish, Add	250.93	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-39.50	
		For >100, Deduct	-58.08	
		For 2" Thick Door, Add	49.48	
		For Insulated Door (Polystyrene Core), Add	65.05	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	162.62	
		For Seamless Edge (Welded), Add	81.31	
		For Steel Stiffened, Add	162.62	
08 13 13 13-0169	EA	3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	749.23	47.47
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	196.29	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	261.72	
		For Up To 1' Extra Height, Add	181.04	
		For Composite Door Instead Of Full Panel Door, Add	29.44	
		For Type 304 Stainless Steel Door, Add	528.18	
		For Type 316 Stainless Steel Door, Add	855.32	
		For Embossed Panel, Add	157.03	
		For Galvanized Steel, Add	98.14	
		For Baked Enamel Finish, Add	253.25	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-39.84	
		For >100, Deduct	-58.57	
		For 2" Thick Door, Add	49.81	
		For Insulated Door (Polystyrene Core), Add	65.43	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	163.57	
		For Seamless Edge (Welded), Add	81.79	
		For Steel Stiffened, Add	163.57	
08 13 13 13-0170	EA	3'-4" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	798.69	47.47
		For 16 Gauge, Grade III, Extra Heavy Duty, Add	211.13	
		For 14 Gauge, Grade III, Extra Heavy Duty, Add	281.50	
		For Up To 1' Extra Height, Add	194.73	
		For Composite Door Instead Of Full Panel Door, Add	31.67	
		For Type 304 Stainless Steel Door, Add	567.75	
		For Type 316 Stainless Steel Door, Add	919.62	
		For Embossed Panel, Add	168.90	
		For Galvanized Steel, Add	105.56	
		For Baked Enamel Finish, Add	268.09	
		For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
		For 45 Minutes Rated Door And FM Label, Add	41.40	
		For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
		For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
		For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
		For >50 To 100, Deduct	-42.31	
		For >100, Deduct	-62.28	
		For 2" Thick Door, Add	53.40	
		For Insulated Door (Polystyrene Core), Add	70.38	
		For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	175.94	
		For Seamless Edge (Welded), Add	87.97	
		For Steel Stiffened, Add	175.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0171	EA		3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated).....	821.67	49.45
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	216.83	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	289.11	
			For Up To 1' Extra Height, Add	199.99	
			For 1' To 1'-6" Extra Height, Add	381.55	
			For Composite Door Instead Of Full Panel Door, Add	32.52	
			For Type 304 Stainless Steel Door, Add	583.16	
			For Type 316 Stainless Steel Door, Add	944.55	
			For Embossed Panel, Add	173.46	
			For Galvanized Steel, Add	108.42	
			For Baked Enamel Finish, Add	276.17	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-43.56	
			For >100, Deduct	-64.10	
			For 2" Thick Door, Add	54.87	
			For Insulated Door (Polystyrene Core), Add	72.28	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	180.69	
			For Seamless Edge (Welded), Add	90.35	
			For Steel Stiffened, Add	180.69	
08 13 13 13-0172	EA		4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	905.66	53.41
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	239.66	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	319.54	
			For Up To 1' Extra Height, Add	221.04	
			For 1' To 1'-6" Extra Height, Add	421.71	
			For Composite Door Instead Of Full Panel Door, Add	35.95	
			For Type 304 Stainless Steel Door, Add	644.42	
			For Type 316 Stainless Steel Door, Add	1,043.85	
			For Embossed Panel, Add	191.72	
			For Galvanized Steel, Add	119.83	
			For Baked Enamel Finish, Add	303.74	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-47.95	
			For >100, Deduct	-70.59	
			For 2" Thick Door, Add	60.59	
			For Insulated Door (Polystyrene Core), Add	79.89	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	199.71	
			For Seamless Edge (Welded), Add	99.86	
			For Steel Stiffened, Add	199.71	
08 13 13 13-0173	PR		Pair 2'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,447.23	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	382.31	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	509.74	
			For Up To 1' Extra Height, Add	352.62	
			For Composite Door Instead Of Full Panel Door, Add	57.35	
			For Type 304 Stainless Steel Door, Add	1,028.13	
			For Type 316 Stainless Steel Door, Add	1,665.31	
			For Embossed Panel, Add	305.85	
			For Galvanized Steel, Add	191.15	
			For Baked Enamel Finish, Add	486.03	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-76.68	
			For >100, Deduct	-112.86	
			For 2" Thick Door, Add	96.71	
			For Insulated Door (Polystyrene Core), Add	127.44	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	318.59	
			For Seamless Edge (Welded), Add	159.30	
			For Steel Stiffened, Add	318.59	
08 13 13 13-0174	PR		Pair 2'-8" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,466.25	86.44
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	388.01	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	517.35	
			For Up To 1' Extra Height, Add	357.88	
			For Composite Door Instead Of Full Panel Door, Add	58.20	
			For Type 304 Stainless Steel Door, Add	1,043.35	
			For Type 316 Stainless Steel Door, Add	1,690.04	
			For Embossed Panel, Add	310.41	
			For Galvanized Steel, Add	194.01	
			For Baked Enamel Finish, Add	491.74	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-77.63	
			For >100, Deduct	-114.29	
			For 2" Thick Door, Add	98.09	
			For Insulated Door (Polystyrene Core), Add	129.34	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	323.35	
			For Seamless Edge (Welded), Add	161.67	
			For Steel Stiffened, Add	323.35	

08 Openings**08 10 Doors And Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0175	PR	Pair 2'-10" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,455.28	77.14
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	390.30	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	520.40	
			For Up To 1' Extra Height, Add	359.98	
			For Composite Door Instead Of Full Panel Door, Add	58.54	
			For Type 304 Stainless Steel Door, Add	1,048.51	
			For Type 316 Stainless Steel Door, Add	1,699.00	
			For Embossed Panel, Add	312.24	
			For Galvanized Steel, Add	195.15	
			For Baked Enamel Finish, Add	482.87	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-76.62	
			For >100, Deduct	-113.00	
			For 2" Thick Door, Add	98.18	
			For Insulated Door (Polystyrene Core), Add	130.10	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	325.25	
			For Seamless Edge (Welded), Add	162.62	
			For Steel Stiffened, Add	325.25	
08 13 13	13-0176	PR	Pair 3' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,488.99	90.20
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	392.58	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	523.44	
			For Up To 1' Extra Height, Add	362.09	
			For 1' To 1'-6" Extra Height, Add	690.81	
			For Composite Door Instead Of Full Panel Door, Add	58.89	
			For Type 304 Stainless Steel Door, Add	1,055.90	
			For Type 316 Stainless Steel Door, Add	1,710.20	
			For Embossed Panel, Add	314.06	
			For Galvanized Steel, Add	196.29	
			For Baked Enamel Finish, Add	500.81	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-78.96	
			For >100, Deduct	-116.18	
			For 2" Thick Door, Add	99.38	
			For Insulated Door (Polystyrene Core), Add	130.86	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	327.15	
			For Seamless Edge (Welded), Add	163.58	
			For Steel Stiffened, Add	327.15	
08 13 13	13-0177	PR	Pair 3'-6" x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,633.44	93.95
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	433.66	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	578.22	
			For Up To 1' Extra Height, Add	399.98	
			For 1' To 1'-6" Extra Height, Add	763.10	
			For Composite Door Instead Of Full Panel Door, Add	65.05	
			For Type 304 Stainless Steel Door, Add	1,165.83	
			For Type 316 Stainless Steel Door, Add	1,888.60	
			For Embossed Panel, Add	346.93	
			For Galvanized Steel, Add	216.83	
			For Baked Enamel Finish, Add	546.40	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-86.37	
			For >100, Deduct	-127.21	
			For 2" Thick Door, Add	109.50	
			For Insulated Door (Polystyrene Core), Add	144.55	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	361.39	
			For Seamless Edge (Welded), Add	180.69	
			For Steel Stiffened, Add	361.39	
08 13 13	13-0178	PR	Pair 4' x 8' x 1-3/4" 16 Gauge Metal Door (Unrated)	1,800.65	101.47
			For 16 Gauge, Grade III, Extra Heavy Duty, Add	479.31	
			For 14 Gauge, Grade III, Extra Heavy Duty, Add	639.08	
			For Up To 1' Extra Height, Add	442.08	
			For 1' To 1'-6" Extra Height, Add	843.43	
			For Composite Door Instead Of Full Panel Door, Add	71.90	
			For Type 304 Stainless Steel Door, Add	1,288.31	
			For Type 316 Stainless Steel Door, Add	2,087.16	
			For Embossed Panel, Add	383.45	
			For Galvanized Steel, Add	239.66	
			For Baked Enamel Finish, Add	601.08	
			For 20 Minutes To 30 Minutes Rated Door And FM Label, Add	27.63	
			For 45 Minutes Rated Door And FM Label, Add	41.40	
			For 1 Hour To 1-1/2 Hour Rated Door And FM Label, Add	55.27	
			For 2 Hour To 2-1/2 Hour Rated Door And FM Label, Add	93.38	
			For 3 Hour To 3-1/2 Hour Rated Door And FM Label, Add	131.50	
			For >50 To 100, Deduct	-95.11	
			For >100, Deduct	-140.12	
			For 2" Thick Door, Add	120.91	
			For Insulated Door (Polystyrene Core), Add	159.77	
			For Mineral Composite Fire Door Core, 250 Degree Maximum Temperature Rise, Add	399.43	
			For Seamless Edge (Welded), Add	199.71	
			For Steel Stiffened, Add	399.43	

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

08 13 13 53 Custom Hollow Metal Doors (08 13 13)

08 13 13 53-0001			Steel 18 Gauge 1-3/4" Unrated Door (08 13 13 53)		
08 13 13 53-0002	EA		2'-2" Or 2'-4" x 6'-9" x 1-3/4" 18 Gauge Steel Door (Unrated) With Semicircular Head For 16 Gauge Door, Add	1,310.95 20.30	98.90
08 13 13 53-0003	EA		2'-6" x 6'-9" x 1-3/4" 18 Gauge Steel Door (Unrated) With Semicircular Head For 16 Gauge Door, Add	1,374.00 20.30	118.68

08 13 73 Sliding Metal Doors (08 13)

08 13 73 00-0001			Sliding Bypass Mirror Doors (08 13 73)		
Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.					
08 13 73 00-0002	EA		4' x 6' 8", Sliding Bypass Mirror Doors	277.55	59.34
08 13 73 00-0003	EA		5' x 6' 8", Sliding Bypass Mirror Doors	313.09	63.30
08 13 73 00-0004	EA		6' x 6' 8", Sliding Bypass Mirror Doors	348.63	67.25
08 13 73 00-0005	EA		8' x 6' 8", Sliding Bypass Mirror Doors	411.81	71.21

08 14 Wood Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors (08 14)

08 14 16 00-0001			Hollow Core Doors, 1-3/8" Thick (08 14 16)		
08 14 16 00-0002			Birch Faced (08 14 16 00-0001)		
08 14 16 00-0003	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	223.27 32.70 -13.34 -18.92	43.51
08 14 16 00-0004	EA		2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	236.87 35.01 -14.12 -20.04	45.50
08 14 16 00-0005	EA		2'-8" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	243.97 36.72 -14.47 -20.57	45.50
08 14 16 00-0006	EA		3' x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	250.41 37.31 -14.69 -21.15	47.47
08 14 16 00-0007	EA		3'-4" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	265.59 40.96 -15.65 -22.29	47.47
08 14 16 00-0008	EA		3'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	280.47 43.58 -16.50 -23.51	49.45
08 14 16 00-0009	PR		Pair 2' x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	437.82 65.39 -26.03 -36.97	82.68
08 14 16 00-0010	PR		Pair 2'-6" x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	464.63 70.02 -27.55 -39.17	86.44
08 14 16 00-0011	PR		Pair 3' x 7' x 1-3/8" Hollow Core, Birch Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	491.32 74.62 -29.08 -41.36	90.20

08 14 16 00-0012 Lauan Faced (08 14 16 00-0001)

08 14 16 00-0013	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	188.89 24.44 -11.62 -16.34	43.51
08 14 16 00-0014	EA		2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	199.75 26.10 -12.26 -17.26	45.50
08 14 16 00-0015	EA		2'-8" x 7' x 1-3/8" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	205.57 27.50 -12.55 -17.69	45.50
08 14 16 00-0016	EA		3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	213.63 28.49 -13.06 -18.40	47.47
08 14 16 00-0017	EA		3'-4" x 7' x 1-3/8" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	224.99 31.21 -13.62 -19.25	47.47

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0018	EA 3'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	237.27 33.21 -14.34 -20.27	49.45
08 14 16 00-0019	PR Pair 2' x 7' x 1-3/8" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	369.07 48.89 -22.59 -31.81	82.68
08 14 16 00-0020	PR Pair 2'-6" x 7' x 1-3/8" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	390.41 52.21 -23.84 -33.60	86.44
08 14 16 00-0021	PR Pair 3' x 7' x 1-3/8" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	417.82 56.98 -25.40 -35.85	90.20
08 14 16 00-0022 Tempered Hardboard Faced (08 14 16 00-0001)			
08 14 16 00-0023	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	191.65 25.11 -11.76 -16.55	43.51
08 14 16 00-0024	EA 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	203.23 26.94 -12.44 -17.52	45.50
08 14 16 00-0025	EA 2'-8" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	206.85 27.81 -12.62 -17.79	45.50
08 14 16 00-0026	EA 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	218.04 29.54 -13.28 -18.73	47.47
08 14 16 00-0027	EA 3'-4" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.58 32.79 -13.95 -19.74	47.47
08 14 16 00-0028	EA 3'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	244.27 34.89 -14.69 -20.79	49.45
08 14 16 00-0029	PR Pair 2' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	374.59 50.22 -22.86 -32.23	82.68
08 14 16 00-0030	PR Pair 2'-6" x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	397.34 53.87 -24.19 -34.12	86.44
08 14 16 00-0031	PR Pair 3' x 7' x 1-3/8" Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	426.59 59.09 -25.84 -36.50	90.20
08 14 16 00-0032 Solid Core Doors, 1-3/8" Thick, 5 Ply (08 14 16)			
08 14 16 00-0033 Birch Faced (08 14 16 00-0032)			
08 14 16 00-0034	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Birch Faced Door <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	260.49 26.02 43.36 35.00 41.63 -15.20 -21.71	43.51
08 14 16 00-0035	EA 2'-6" x 7' x 1-3/8" Solid Core, Birch Faced Door <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.55 27.38 45.64 35.00 43.81 -15.95 -22.79	45.50
08 14 16 00-0036	EA 2'-8" x 7' x 1-3/8" Solid Core, Birch Faced Door <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	282.66 28.75 47.92 35.00 46.00 -16.41 -23.47	45.50

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

08 14 16 00-0037	EA	3' x 7' x 1-3/8"	Solid Core, Birch Faced Door..... For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	297.72 30.42 50.70 35.00 48.67 -17.26 -24.70	47.47
08 14 16 00-0038	EA	3'-4" x 7' x 1-3/8"	Solid Core, Birch Faced Door For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	319.98 33.76 56.26 35.00 54.01 -18.37 -26.37	47.47
08 14 16 00-0039	EA	3'-6" x 7' x 1-3/8"	Solid Core, Birch Faced Door For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	338.32 35.91 59.86 35.00 57.46 -19.39 -27.85	49.45
08 14 16 00-0040	PR	Pair 2' x 7' x 1-3/8"	Solid Core, Birch Faced Door..... For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	512.25 52.03 86.72 35.00 83.25 -29.75 -42.55	82.68
08 14 16 00-0041	PR	Pair 2'-6" x 7' x 1-3/8"	Solid Core, Birch Faced Door For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	538.00 54.77 91.28 35.00 87.63 -31.22 -44.67	86.44
08 14 16 00-0042	PR	Pair 3' x 7' x 1-3/8"	Solid Core, Birch Faced Door..... For 7 Ply Core, Add For Solid Wood Staved Core (Glued Block), Add Note: Not used in conjunction with fire rating >20 minutes. For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	585.95 60.83 101.39 35.00 97.33 -33.81 -48.46	90.20
08 14 16 00-0043			Lauan Faced (08 14 16 00-0032)		
08 14 16 00-0044	EA	2'-0" Or 2'-4" x 7' x 1-3/8"	Solid Core, Lauan Faced Door..... For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	216.21 19.38 35.00 31.00 -12.99 -18.39	43.51
08 14 16 00-0045	EA	2'-6" x 7' x 1-3/8"	Solid Core, Lauan Faced Door..... For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	227.24 20.44 35.00 32.70 -13.64 -19.32	45.50
08 14 16 00-0046	EA	2'-8" x 7' x 1-3/8"	Solid Core, Lauan Faced Door..... For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	234.36 21.51 35.00 34.41 -13.99 -19.85	45.50
08 14 16 00-0047	EA	3' x 7' x 1-3/8"	Solid Core, Lauan Faced Door For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	245.48 22.58 35.00 36.13 -14.65 -20.78	47.47
08 14 16 00-0048	EA	3'-4" x 7' x 1-3/8"	Solid Core, Lauan Faced Door..... For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	262.03 25.06 35.00 40.10 -15.48 -22.03	47.47
08 14 16 00-0049	EA	3'-6" x 7' x 1-3/8"	Solid Core, Lauan Faced Door..... For 7 Ply Core, Add For Machining for Mortise Lock, Add For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	279.06 27.02 35.00 43.24 -16.43 -23.40	49.45

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0050	PR Pair 2' x 7' x 1-3/8" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	423.72 38.75 35.00 62.01 -25.32 -35.91	82.68
08 14 16 00-0051	PR Pair 2'-6" x 7' x 1-3/8" Solid Core, Lauan Faced Door <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	445.38 40.88 35.00 65.40 -26.59 -37.73	86.44
08 14 16 00-0052	PR Pair 3' x 7' x 1-3/8" Solid Core, Lauan Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	481.46 45.16 35.00 72.26 -28.58 -40.62	90.20
08 14 16 00-0053 Tempered Hardboard Faced <small>(08 14 16 00-0032)</small>			
08 14 16 00-0054	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	232.92 35.00 35.01 -13.82 -19.65	43.51
08 14 16 00-0055	EA 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	245.34 35.00 37.04 -14.54 -20.68	45.50
08 14 16 00-0056	EA 2'-8" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	253.79 35.00 39.07 -14.96 -21.31	45.50
08 14 16 00-0057	EA 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	260.87 35.00 39.82 -15.42 -21.94	47.47
08 14 16 00-0058	EA 3'-4" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	279.17 35.00 44.22 -16.33 -23.31	47.47
08 14 16 00-0059	EA 3'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	316.51 35.00 52.23 -18.30 -26.21	49.45
08 14 16 00-0060	PR Pair 2' x 7' x 1-3/8" Solid Core, Hardboard Faced Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	457.11 35.00 70.02 -26.99 -38.42	82.68
08 14 16 00-0061	PR Pair 2'-6" x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	481.54 35.00 74.08 -28.40 -40.44	86.44
08 14 16 00-0062	PR Pair 3' x 7' x 1-3/8" Solid Core, Hardboard Faced Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	512.25 35.00 79.65 -30.12 -42.93	90.20
08 14 16 00-0063 Plastic Laminated Wood Doors <small>(08 14 16 00-0032)</small>			
08 14 16 00-0064	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	389.18 35.00 72.51 -21.64 -31.36	43.51
08 14 16 00-0065	EA 2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	409.75 35.00 76.50 -22.76 -33.01	45.50
08 14 16 00-0066	EA 2'-8" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	426.36 35.00 80.49 -23.59 -34.25	45.50
08 14 16 00-0067	EA 3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door..... <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	447.03 35.00 84.50 -24.73 -35.90	47.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0068	EA		3'-4" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	485.75 35.00 93.79 -26.66 -38.80	47.47
08 14 16 00-0069	EA		3'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	514.72 35.00 99.80 -28.21 -41.08	49.45
08 14 16 00-0070	PR		Pair 2' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	769.65 35.00 145.03 -42.62 -61.86	82.68
08 14 16 00-0071	PR		Pair 2'-6" x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	810.32 35.00 152.99 -44.84 -65.10	86.44
08 14 16 00-0072	PR		Pair 3' x 7' x 1-3/8" Solid Core Wood Plastic Laminated Door <i>For Machining for Mortise Lock, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	884.58 35.00 169.01 -48.74 -70.85	90.20
08 14 16 00-0073			Hollow Core Doors, 1-3/4" Thick <small>(08 14 16 00-0073)</small>		
08 14 16 00-0074			Birch Faced <small>(08 14 16 00-0073)</small>		
08 14 16 00-0075	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	257.31 40.86 -15.04 -21.47	43.51
08 14 16 00-0076	EA		2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	267.67 42.40 -15.66 -22.35	45.50
08 14 16 00-0077	EA		2'-8" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	270.07 42.98 -15.78 -22.53	45.50
08 14 16 00-0078	EA		3' x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	284.48 45.49 -16.60 -23.71	47.47
08 14 16 00-0079	EA		3'-4" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	312.29 52.16 -17.99 -25.80	47.47
08 14 16 00-0080	EA		3'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	372.66 65.70 -21.11 -30.42	49.45
08 14 16 00-0081	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	505.91 81.73 -29.43 -42.08	82.68
08 14 16 00-0082	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	526.26 84.81 -30.63 -43.79	86.44
08 14 16 00-0083	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	559.47 90.98 -32.48 -46.47	90.20
08 14 16 00-0084			Lauan Faced <small>(08 14 16 00-0073)</small>		
08 14 16 00-0085	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	216.43 31.05 -13.00 -18.41	43.51
08 14 16 00-0086	EA		2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.29 33.19 -13.74 -19.47	45.50
08 14 16 00-0087	EA		2'-8" x 7' x 1-3/4" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	236.53 34.93 -14.10 -20.01	45.50
08 14 16 00-0088	EA		3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	243.34 35.62 -14.54 -20.62	47.47
08 14 16 00-0089	EA		3'-4" x 7' x 1-3/4" Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	259.66 39.53 -15.36 -21.85	47.47

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0090	EA		3'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	284.64 44.58 -16.70 -23.82	49.45
08 14 16 00-0091	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	424.13 62.10 -25.34 -35.94	82.68
08 14 16 00-0092	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	449.50 66.39 -26.80 -38.03	86.44
08 14 16 00-0093	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Lauan Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	477.16 71.22 -28.37 -40.30	90.20
08 14 16 00-0094 Tempered Hardboard <small>(08 14 16 00-0073)</small>					
08 14 16 00-0095	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	217.38 31.28 -13.05 -18.48	43.51
08 14 16 00-0096	EA		2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	224.94 32.15 -13.52 -19.15	45.50
08 14 16 00-0097	EA		2'-8" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	232.21 33.89 -13.89 -19.69	45.50
08 14 16 00-0098	EA		3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	243.38 35.63 -14.54 -20.63	47.47
08 14 16 00-0099	EA		3'-4" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	251.66 37.61 -14.96 -21.25	47.47
08 14 16 00-0100	EA		3'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	282.55 44.08 -16.60 -23.66	49.45
08 14 16 00-0101	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	426.03 62.56 -25.44 -36.09	82.68
08 14 16 00-0102	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	440.78 64.30 -26.36 -37.38	86.44
08 14 16 00-0103	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Hardboard Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	477.28 71.25 -28.37 -40.31	90.20
08 14 16 00-0104 Oak Or Maple Faced <small>(08 14 16 00-0073)</small>					
08 14 16 00-0105	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	311.08 53.77 -17.73 -25.51	43.51
08 14 16 00-0106	EA		2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	323.46 55.79 -18.45 -26.53	45.50
08 14 16 00-0107	EA		2'-8" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	326.61 56.55 -18.61 -26.77	45.50
08 14 16 00-0108	EA		3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	344.33 59.85 -19.59 -28.20	47.47
08 14 16 00-0109	EA		3'-4" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	380.91 68.63 -21.42 -30.94	47.47
08 14 16 00-0110	EA		3'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	459.11 86.45 -25.43 -36.91	49.45
08 14 16 00-0111	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	613.43 107.54 -34.81 -50.14	82.68
08 14 16 00-0112	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... For Each 1' Of Additional Door Height, Add For >50 To 100, Deduct For >100, Deduct	637.85 111.60 -36.21 -52.16	86.44

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

08 14 16 00-0113	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Oak Or Maple Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	679.18 119.71 -38.47 -55.45	90.20
08 14 16 00-0114 Walnut Faced <small>(08 14 16 00-0073)</small>					
08 14 16 00-0115	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	390.55 72.84 -21.70 -31.47	43.51
08 14 16 00-0116	EA		2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	396.63 73.35 -22.11 -32.02	45.50
08 14 16 00-0117	EA		2'-8" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	410.07 76.58 -22.78 -33.03	45.50
08 14 16 00-0118	EA		3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	418.14 77.57 -23.28 -33.73	47.47
08 14 16 00-0119	EA		3'-4" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	454.20 86.22 -25.08 -36.44	47.47
08 14 16 00-0120	EA		3'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	551.30 108.58 -30.04 -43.82	49.45
08 14 16 00-0121	PR		Pair 2' x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	772.11 145.62 -42.74 -62.04	82.68
08 14 16 00-0122	PR		Pair 2'-6" x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	784.15 146.71 -43.53 -63.13	86.44
08 14 16 00-0123	PR		Pair 3' x 7' x 1-3/4" Hollow Core, Walnut Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	826.80 155.14 -45.85 -66.52	90.20
08 14 16 00-0124 Solid Core Doors, 1-3/4" Thick, 5 Ply <small>(08 14 16)</small>					
08 14 16 00-0125 Birch Faced <small>(08 14 16 00-0124)</small>					
08 14 16 00-0126	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	298.16 31.67 52.78 57.13 35.00 25.33 114.00 158.34 253.34 50.67 -17.08 -24.54	43.51
08 14 16 00-0127	EA		2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	290.99 30.00 50.00 54.55 35.00 24.00 108.00 150.00 240.00 48.00 -16.82 -24.10	45.50
08 14 16 00-0128	EA		2'-8" x 7' x 1-3/4" Solid Core, Birch Faced Door..... <i>For 7 Ply Core, Add</i> <i>For Solid Wood Staved Core (Glued Block), Add</i> <i>Note: Not used in conjunction with fire rating >20 minutes.</i> <i>For Exterior Grade Door, Add</i> <i>For Machining for Mortise Lock, Add</i> <i>For Commercial Grade 20 Minute Fire Rated Door, Add</i> <i>For Commercial Grade 3/4 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1 Hour Fire Rated Door, Add</i> <i>For Commercial Grade 1-1/2 Hour Rated Fire Door, Add</i> <i>For Each 1' Of Additional Door Height, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	299.33 31.25 52.09 56.63 35.00 25.00 112.50 156.26 250.01 50.00 -17.24 -24.72	45.50

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0129	EA	3' x 7' x 1-3/4" Solid Core, Birch Faced Door	314.39	47.47
		For 7 Ply Core, Add	32.92	
		For Solid Wood Staved Core (Glued Block), Add	54.86	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	59.61	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	26.33	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	118.50	
		For Commercial Grade 1 Hour Fire Rated Door, Add	164.59	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	263.34	
		For Each 1' Of Additional Door Height, Add	52.67	
		For >50 To 100, Deduct	-18.09	
		For >100, Deduct	-25.95	
08 14 16 00-0130	EA	3'-4" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	338.53	47.47
		For 7 Ply Core, Add	36.54	
		For Solid Wood Staved Core (Glued Block), Add	60.90	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	65.64	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	29.23	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	131.54	
		For Commercial Grade 1 Hour Fire Rated Door, Add	182.69	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	292.31	
		For Each 1' Of Additional Door Height, Add	58.46	
		For >50 To 100, Deduct	-19.30	
		For >100, Deduct	-27.76	
08 14 16 00-0131	EA	3'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door.....	394.65	49.45
		For 7 Ply Core, Add	44.36	
		For Solid Wood Staved Core (Glued Block), Add	73.94	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	78.88	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	35.49	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	159.71	
		For Commercial Grade 1 Hour Fire Rated Door, Add	221.81	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	354.90	
		For Each 1' Of Additional Door Height, Add	70.98	
		For >50 To 100, Deduct	-22.21	
		For >100, Deduct	-32.07	
08 14 16 00-0132	PR	Pair 2' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	587.60	82.68
		For 7 Ply Core, Add	63.34	
		For Solid Wood Staved Core (Glued Block), Add	105.56	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	113.83	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	50.67	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	228.01	
		For Commercial Grade 1 Hour Fire Rated Door, Add	316.68	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	506.69	
		For Each 1' Of Additional Door Height, Add	101.34	
		For >50 To 100, Deduct	-33.51	
		For >100, Deduct	-48.20	
08 14 16 00-0133	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Birch Faced Door	572.87	86.44
		For 7 Ply Core, Add	60.00	
		For Solid Wood Staved Core (Glued Block), Add	100.00	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	108.64	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	48.00	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	216.00	
		For Commercial Grade 1 Hour Fire Rated Door, Add	300.00	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	480.00	
		For Each 1' Of Additional Door Height, Add	96.00	
		For >50 To 100, Deduct	-32.97	
		For >100, Deduct	-47.29	
08 14 16 00-0134	PR	Pair 3' x 7' x 1-3/4" Solid Core, Birch Faced Door.....	619.29	90.20
		For 7 Ply Core, Add	65.84	
		For Solid Wood Staved Core (Glued Block), Add	109.73	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	118.74	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	52.67	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	237.01	
		For Commercial Grade 1 Hour Fire Rated Door, Add	329.18	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	526.68	
		For Each 1' Of Additional Door Height, Add	105.34	
		For >50 To 100, Deduct	-35.47	
		For >100, Deduct	-50.96	
08 14 16 00-0135		Lauan Faced <small>(08 14 16 00-0124)</small>		
08 14 16 00-0136	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	262.87	43.51
		For 7 Ply Core, Add	26.37	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	21.10	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	94.95	
		For Commercial Grade 1 Hour Fire Rated Door, Add	131.87	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	211.00	
		For Each 1' Of Additional Door Height, Add	42.20	
		For >50 To 100, Deduct	-15.32	
		For >100, Deduct	-21.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0137	EA		2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	267.33	45.50
			For 7 Ply Core, Add	26.45	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	21.16	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	95.22	
			For Commercial Grade 1 Hour Fire Rated Door, Add	132.26	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	211.61	
			For Each 1' Of Additional Door Height, Add	42.32	
			For >50 To 100, Deduct	-15.64	
			For >100, Deduct	-22.32	
08 14 16 00-0138	EA		2'-8" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	272.39	45.50
			For 7 Ply Core, Add	27.21	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	21.77	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	97.96	
			For Commercial Grade 1 Hour Fire Rated Door, Add	136.05	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	217.68	
			For Each 1' Of Additional Door Height, Add	43.54	
			For >50 To 100, Deduct	-15.89	
			For >100, Deduct	-22.70	
08 14 16 00-0139	EA		3' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	280.01	47.47
			For 7 Ply Core, Add	27.76	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	22.21	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	99.94	
			For Commercial Grade 1 Hour Fire Rated Door, Add	138.80	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	222.08	
			For Each 1' Of Additional Door Height, Add	44.42	
			For >50 To 100, Deduct	-16.37	
			For >100, Deduct	-23.37	
08 14 16 00-0140	EA		3'-4" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	296.74	47.47
			For 7 Ply Core, Add	30.27	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	24.22	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	108.97	
			For Commercial Grade 1 Hour Fire Rated Door, Add	151.35	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	242.16	
			For Each 1' Of Additional Door Height, Add	48.43	
			For >50 To 100, Deduct	-17.21	
			For >100, Deduct	-24.63	
08 14 16 00-0141	EA		3'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	315.09	49.45
			For 7 Ply Core, Add	32.43	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	25.94	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	116.74	
			For Commercial Grade 1 Hour Fire Rated Door, Add	162.14	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	259.43	
			For Each 1' Of Additional Door Height, Add	51.89	
			For >50 To 100, Deduct	-18.23	
			For >100, Deduct	-26.10	
08 14 16 00-0142	PR		Pair 2' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	517.02	82.68
			For 7 Ply Core, Add	52.75	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	42.20	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	189.90	
			For Commercial Grade 1 Hour Fire Rated Door, Add	263.75	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	421.99	
			For Each 1' Of Additional Door Height, Add	84.40	
			For >50 To 100, Deduct	-29.99	
			For >100, Deduct	-42.91	
08 14 16 00-0143	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	525.57	86.44
			For 7 Ply Core, Add	52.91	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	42.32	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	190.46	
			For Commercial Grade 1 Hour Fire Rated Door, Add	264.53	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	423.24	
			For Each 1' Of Additional Door Height, Add	84.65	
			For >50 To 100, Deduct	-30.60	
			For >100, Deduct	-43.74	
08 14 16 00-0144	PR		Pair 3' x 7' x 1-3/4" Solid Core, Lauan Faced Door.....	550.56	90.20
			For 7 Ply Core, Add	55.53	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	44.42	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	199.89	
			For Commercial Grade 1 Hour Fire Rated Door, Add	277.63	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	444.20	
			For Each 1' Of Additional Door Height, Add	88.84	
			For >50 To 100, Deduct	-32.04	
			For >100, Deduct	-45.80	

08 14 16 00-0145 Plastic Laminated (08 14 16 00-0124)

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 14 16 00-0146	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	601.79	43.51
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	61.77	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	277.97	
		For Commercial Grade 1 Hour Fire Rated Door, Add	386.06	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	617.70	
		For Each 1' Of Additional Door Height, Add	123.54	
		For >50 To 100, Deduct	-32.27	
		For >100, Deduct	-47.31	
08 14 16 00-0147	EA	2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	621.83	45.50
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	63.70	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	286.65	
		For Commercial Grade 1 Hour Fire Rated Door, Add	398.13	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	637.01	
		For Each 1' Of Additional Door Height, Add	127.40	
		For >50 To 100, Deduct	-33.37	
		For >100, Deduct	-48.91	
08 14 16 00-0148	EA	2'-8" x 7' x 1-3/4" Solid Core Plastic Laminated Door	621.83	45.50
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	63.70	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	286.65	
		For Commercial Grade 1 Hour Fire Rated Door, Add	398.13	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	637.01	
		For Each 1' Of Additional Door Height, Add	127.40	
		For >50 To 100, Deduct	-33.37	
		For >100, Deduct	-48.91	
08 14 16 00-0149	EA	3'-0" x 7' x 1-3/4" Solid Core Plastic Laminated Door	689.54	47.47
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	71.35	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	321.08	
		For Commercial Grade 1 Hour Fire Rated Door, Add	445.95	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	713.52	
		For Each 1' Of Additional Door Height, Add	142.70	
		For >50 To 100, Deduct	-36.85	
		For >100, Deduct	-54.09	
08 14 16 00-0150	EA	3'-4" x 7' x 1-3/4" Solid Core Plastic Laminated Door	722.10	47.47
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	75.26	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	338.67	
		For Commercial Grade 1 Hour Fire Rated Door, Add	470.37	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	752.59	
		For Each 1' Of Additional Door Height, Add	150.52	
		For >50 To 100, Deduct	-38.48	
		For >100, Deduct	-56.53	
08 14 16 00-0151	EA	3'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	742.34	49.45
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	77.21	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	347.46	
		For Commercial Grade 1 Hour Fire Rated Door, Add	482.58	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	772.13	
		For Each 1' Of Additional Door Height, Add	154.43	
		For >50 To 100, Deduct	-39.59	
		For >100, Deduct	-58.15	
08 14 16 00-0152	PR	Pair 2' x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,194.86	82.68
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	123.54	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	555.93	
		For Commercial Grade 1 Hour Fire Rated Door, Add	772.13	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,235.40	
		For Each 1' Of Additional Door Height, Add	247.08	
		For >50 To 100, Deduct	-63.88	
		For >100, Deduct	-93.75	
08 14 16 00-0153	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,234.53	86.44
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	127.40	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	573.30	
		For Commercial Grade 1 Hour Fire Rated Door, Add	796.25	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,273.99	
		For Each 1' Of Additional Door Height, Add	254.80	
		For >50 To 100, Deduct	-66.05	
		For >100, Deduct	-96.91	
08 14 16 00-0154	PR	Pair 3' x 7' x 1-3/4" Solid Core Plastic Laminated Door	1,369.58	90.20
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	142.70	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	642.16	
		For Commercial Grade 1 Hour Fire Rated Door, Add	891.89	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,427.03	
		For Each 1' Of Additional Door Height, Add	285.41	
		For >50 To 100, Deduct	-72.99	
		For >100, Deduct	-107.23	

08 14 16 00-0155 Oak Or Maple Faced (08 14 16 00-0124)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0156	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	372.19	43.51
			For 7 Ply Core, Add	42.77	
			For Solid Wood Staved Core (Glued Block), Add	71.29	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	75.64	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	34.22	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	153.98	
			For Commercial Grade 1 Hour Fire Rated Door, Add	213.86	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	342.18	
			For Each 1' Of Additional Door Height, Add	68.44	
			For >50 To 100, Deduct	-20.79	
			For >100, Deduct	-30.09	
08 14 16 00-0157	EA		2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	376.14	45.50
			For 7 Ply Core, Add	42.77	
			For Solid Wood Staved Core (Glued Block), Add	71.29	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	75.84	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	34.22	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	153.98	
			For Commercial Grade 1 Hour Fire Rated Door, Add	213.86	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	342.18	
			For Each 1' Of Additional Door Height, Add	68.44	
			For >50 To 100, Deduct	-21.08	
			For >100, Deduct	-30.49	
08 14 16 00-0158	EA		2'-8" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	379.06	45.50
			For 7 Ply Core, Add	43.21	
			For Solid Wood Staved Core (Glued Block), Add	72.02	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	76.57	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	34.57	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	155.56	
			For Commercial Grade 1 Hour Fire Rated Door, Add	216.05	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	345.68	
			For Each 1' Of Additional Door Height, Add	69.14	
			For >50 To 100, Deduct	-21.23	
			For >100, Deduct	-30.70	
08 14 16 00-0159	EA		3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	385.68	47.47
			For 7 Ply Core, Add	43.61	
			For Solid Wood Staved Core (Glued Block), Add	72.69	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	77.43	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	34.89	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	157.00	
			For Commercial Grade 1 Hour Fire Rated Door, Add	218.06	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	348.89	
			For Each 1' Of Additional Door Height, Add	69.78	
			For >50 To 100, Deduct	-21.66	
			For >100, Deduct	-31.30	
08 14 16 00-0160	EA		3'-4" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	417.61	47.47
			For 7 Ply Core, Add	48.40	
			For Solid Wood Staved Core (Glued Block), Add	80.67	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	85.41	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	38.72	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	174.24	
			For Commercial Grade 1 Hour Fire Rated Door, Add	242.00	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	387.20	
			For Each 1' Of Additional Door Height, Add	77.44	
			For >50 To 100, Deduct	-23.25	
			For >100, Deduct	-33.69	
08 14 16 00-0161	EA		3'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	503.80	49.45
			For 7 Ply Core, Add	60.74	
			For Solid Wood Staved Core (Glued Block), Add	101.23	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	106.17	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	48.59	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	218.65	
			For Commercial Grade 1 Hour Fire Rated Door, Add	303.68	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	485.88	
			For Each 1' Of Additional Door Height, Add	97.18	
			For >50 To 100, Deduct	-27.66	
			For >100, Deduct	-40.26	
08 14 16 00-0162	PR		Pair 2' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door	711.97	82.68
			For 7 Ply Core, Add	81.99	
			For Solid Wood Staved Core (Glued Block), Add	136.65	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	144.92	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	65.59	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	295.17	
			For Commercial Grade 1 Hour Fire Rated Door, Add	409.96	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	655.93	
			For Each 1' Of Additional Door Height, Add	131.19	
			For >50 To 100, Deduct	-39.73	
			For >100, Deduct	-57.53	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 16 00-0163	PR	Pair 2'-6" x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door.....	723.34	86.44
		For 7 Ply Core, Add	82.57	
		For Solid Wood Staved Core (Glued Block), Add	137.62	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	146.26	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	66.06	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	297.25	
		For Commercial Grade 1 Hour Fire Rated Door, Add	412.85	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	660.56	
		For Each 1' Of Additional Door Height, Add	132.11	
		For >50 To 100, Deduct	-40.49	
		For >100, Deduct	-58.57	
08 14 16 00-0164	PR	Pair 3' x 7' x 1-3/4" Solid Core, Oak Or Maple Faced Door.....	760.53	90.20
		For 7 Ply Core, Add	87.02	
		For Solid Wood Staved Core (Glued Block), Add	145.04	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	154.05	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	69.62	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	313.28	
		For Commercial Grade 1 Hour Fire Rated Door, Add	435.11	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	696.17	
		For Each 1' Of Additional Door Height, Add	139.23	
		For >50 To 100, Deduct	-42.54	
		For >100, Deduct	-61.55	
08 14 16 00-0165		Walnut Faced <small>(08 14 16 00-0124)</small>		
08 14 16 00-0166	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	524.54	43.51
		For 7 Ply Core, Add	65.63	
		For Solid Wood Staved Core (Glued Block), Add	153.13	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	113.73	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	52.50	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	236.25	
		For Commercial Grade 1 Hour Fire Rated Door, Add	328.13	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	525.00	
		For Each 1' Of Additional Door Height, Add	105.00	
		For >50 To 100, Deduct	-28.40	
		For >100, Deduct	-41.52	
08 14 16 00-0167	EA	2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	528.62	45.50
		For 7 Ply Core, Add	65.64	
		For Solid Wood Staved Core (Glued Block), Add	153.17	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	113.96	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	52.52	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	236.32	
		For Commercial Grade 1 Hour Fire Rated Door, Add	328.22	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	525.16	
		For Each 1' Of Additional Door Height, Add	105.03	
		For >50 To 100, Deduct	-28.71	
		For >100, Deduct	-41.92	
08 14 16 00-0168	EA	2'-8" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	533.15	45.50
		For 7 Ply Core, Add	66.32	
		For Solid Wood Staved Core (Glued Block), Add	154.76	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	115.09	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	53.06	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	238.77	
		For Commercial Grade 1 Hour Fire Rated Door, Add	331.62	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	530.59	
		For Each 1' Of Additional Door Height, Add	106.12	
		For >50 To 100, Deduct	-28.93	
		For >100, Deduct	-42.26	
08 14 16 00-0169	EA	3' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	560.65	47.47
		For 7 Ply Core, Add	69.86	
		For Solid Wood Staved Core (Glued Block), Add	163.00	
		Note: Not used in conjunction with fire rating >20 minutes.		
		For Exterior Grade Door, Add	121.17	
		For Machining for Mortise Lock, Add	35.00	
		For Commercial Grade 20 Minute Fire Rated Door, Add	55.89	
		For Commercial Grade 3/4 Hour Fire Rated Door, Add	251.48	
		For Commercial Grade 1 Hour Fire Rated Door, Add	349.28	
		For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	558.85	
		For Each 1' Of Additional Door Height, Add	111.77	
		For >50 To 100, Deduct	-30.41	
		For >100, Deduct	-44.42	

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

08 14 16 00-0170	EA		3'-4" x 7' x 1-3/4" Solid Core, Walnut Faced Door	591.25	47.47
			For 7 Ply Core, Add	74.45	
			For Solid Wood Staved Core (Glued Block), Add	173.71	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	128.82	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	59.56	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	268.01	
			For Commercial Grade 1 Hour Fire Rated Door, Add	372.23	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	595.57	
			For Each 1' Of Additional Door Height, Add	119.11	
			For >50 To 100, Deduct	-31.94	
			For >100, Deduct	-46.72	
08 14 16 00-0171	EA		3'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door	724.28	49.45
			For 7 Ply Core, Add	93.81	
			For Solid Wood Staved Core (Glued Block), Add	218.88	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	161.29	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	75.05	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	337.71	
			For Commercial Grade 1 Hour Fire Rated Door, Add	469.04	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	750.46	
			For Each 1' Of Additional Door Height, Add	150.09	
			For >50 To 100, Deduct	-38.69	
			For >100, Deduct	-56.79	
08 14 16 00-0172	PR		Pair 2' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	1,004.17	82.68
			For 7 Ply Core, Add	125.82	
			For Solid Wood Staved Core (Glued Block), Add	293.58	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	217.97	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	100.66	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	452.96	
			For Commercial Grade 1 Hour Fire Rated Door, Add	629.11	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,006.57	
			For Each 1' Of Additional Door Height, Add	201.31	
			For >50 To 100, Deduct	-54.34	
			For >100, Deduct	-79.45	
08 14 16 00-0173	PR		Pair 2'-6" x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	1,017.53	86.44
			For 7 Ply Core, Add	126.70	
			For Solid Wood Staved Core (Glued Block), Add	295.63	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	219.81	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	101.36	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	456.12	
			For Commercial Grade 1 Hour Fire Rated Door, Add	633.50	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,013.59	
			For Each 1' Of Additional Door Height, Add	202.72	
			For >50 To 100, Deduct	-55.20	
			For >100, Deduct	-80.64	
08 14 16 00-0174	PR		Pair 3' x 7' x 1-3/4" Solid Core, Walnut Faced Door.....	1,098.50	90.20
			For 7 Ply Core, Add	137.72	
			For Solid Wood Staved Core (Glued Block), Add	321.34	
			Note: Not used in conjunction with fire rating >20 minutes.		
			For Exterior Grade Door, Add	238.55	
			For Machining for Mortise Lock, Add	35.00	
			For Commercial Grade 20 Minute Fire Rated Door, Add	110.17	
			For Commercial Grade 3/4 Hour Fire Rated Door, Add	495.78	
			For Commercial Grade 1 Hour Fire Rated Door, Add	688.58	
			For Commercial Grade 1-1/2 Hour Rated Fire Door, Add	1,101.73	
			For Each 1' Of Additional Door Height, Add	220.35	
			For >50 To 100, Deduct	-59.43	
			For >100, Deduct	-86.90	

08 14 16 00-0175 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)

08 14 16 00-0176	EA		Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door	36.93	
			Note: Includes any standard manufacturer color on six sides.		
			For Custom Color To Match Non Standard Manufacturer Finish, Add	12.30	

08 14 23 Clad Wood Doors (08 14)

08 14 23 13 Metal-Faced Wood Doors (08 14 23)

See CSI section 08 70 00 00-0000 for finish hardware.

08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)

08 14 23 13-0002	EA		2' 6" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	573.12	97.31
08 14 23 13-0003	EA		2' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	611.38	106.81
08 14 23 13-0004	EA		2' 10" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	655.63	117.88
08 14 23 13-0005	EA		3' x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	685.57	121.84
08 14 23 13-0006	EA		3' 4" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	732.09	134.11
08 14 23 13-0007	EA		3' 8" x 7' Metal Clad Door, Solid Staved Wood Core, Flush Type.....	795.84	138.46

08 14 66 Wood Screen Doors (08 14)

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
08 14 66 00-0001					Wood Screen Storm Door, Residential Grade (08 14 66) Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002	EA				2'-8" x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	421.16	113.94
08 14 66 00-0003	EA				3' x 6'-8" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	438.75	126.59
08 14 66 00-0004	EA				2'-8" x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	421.16	113.94
08 14 66 00-0005	EA				3' x 7" Wood Screen Door, Residential, With Frame, Trim, Hardware.....	438.75	126.59
08 14 73					Sliding Wood Doors (08 14)		
08 14 73 00-0001					Pocket Door (08 14 73) Note: Includes door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0054 for accessories to be added.		
08 14 73 00-0002					1-3/8" Thick (08 14 73 00-0001) See CSI section 08 14 73 00-0054 for all jambs and track hardware.		
08 14 73 00-0003					6'-8" High (08 14 73 00-0002)		
08 14 73 00-0004	EA				2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	494.47	27.70
					For Oak, Add	121.19	
					For Ash/Hickory, Add	176.52	
					For Walnut, Add	257.31	
					For Cherry, Add	418.46	
08 14 73 00-0005	EA				2'-4" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	509.07	29.67
					For Oak, Add	124.13	
					For Ash/Hickory, Add	180.80	
					For Walnut, Add	263.55	
					For Cherry, Add	428.60	
08 14 73 00-0006	EA				2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	526.33	31.64
					For Oak, Add	127.80	
					For Ash/Hickory, Add	186.15	
					For Walnut, Add	271.35	
					For Cherry, Add	441.29	
08 14 73 00-0007	EA				2'-8" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	538.26	33.63
					For Oak, Add	130.00	
					For Ash/Hickory, Add	189.35	
					For Walnut, Add	276.02	
					For Cherry, Add	448.89	
08 14 73 00-0008	EA				2'-10" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	555.54	35.60
					For Oak, Add	133.68	
					For Ash/Hickory, Add	194.70	
					For Walnut, Add	283.82	
					For Cherry, Add	461.58	
08 14 73 00-0009	EA				3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	570.14	37.58
					For Oak, Add	136.61	
					For Ash/Hickory, Add	198.98	
					For Walnut, Add	290.06	
					For Cherry, Add	471.72	
08 14 73 00-0010	EA				Pair 2' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	977.10	49.45
					For Oak, Add	242.38	
					For Ash/Hickory, Add	353.04	
					For Walnut, Add	514.63	
					For Cherry, Add	836.92	
08 14 73 00-0011	EA				Pair 2'-6" x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,032.90	53.41
					For Oak, Add	255.60	
					For Ash/Hickory, Add	372.29	
					For Walnut, Add	542.69	
					For Cherry, Add	882.57	
08 14 73 00-0012	EA				Pair 3' x 6'-8" x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,104.70	57.37
					For Oak, Add	273.23	
					For Ash/Hickory, Add	397.97	
					For Walnut, Add	580.12	
					For Cherry, Add	943.44	
08 14 73 00-0013					7' High (08 14 73 00-0002)		
08 14 73 00-0014	EA				2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	587.61	27.70
					For Oak, Add	124.54	
					For Ash/Hickory, Add	124.54	
					For Walnut, Add	204.91	
					For Cherry, Add	384.81	
08 14 73 00-0015	EA				2'-4" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	615.52	29.67
					For Oak, Add	130.15	
					For Ash/Hickory, Add	130.15	
					For Walnut, Add	214.13	
					For Cherry, Add	402.13	
08 14 73 00-0016	EA				2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	635.44	31.64
					For Oak, Add	133.89	
					For Ash/Hickory, Add	133.89	
					For Walnut, Add	220.28	
					For Cherry, Add	413.67	
08 14 73 00-0017	EA				2'-8" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	652.69	33.63
					For Oak, Add	137.00	
					For Ash/Hickory, Add	137.00	
					For Walnut, Add	225.40	
					For Cherry, Add	423.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0018	EA		2'-10" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	667.31	35.60
			<i>For Oak, Add</i>	139.49	
			<i>For Ash/Hickory, Add</i>	139.49	
			<i>For Walnut, Add</i>	229.50	
			<i>For Cherry, Add</i>	430.99	
08 14 73 00-0019	EA		3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	687.24	37.58
			<i>For Oak, Add</i>	143.23	
			<i>For Ash/Hickory, Add</i>	143.23	
			<i>For Walnut, Add</i>	235.65	
			<i>For Cherry, Add</i>	442.53	
08 14 73 00-0020	EA		Pair 2' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,163.38	49.45
			<i>For Oak, Add</i>	249.09	
			<i>For Ash/Hickory, Add</i>	249.09	
			<i>For Walnut, Add</i>	409.82	
			<i>For Cherry, Add</i>	769.62	
08 14 73 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,251.12	53.41
			<i>For Oak, Add</i>	267.77	
			<i>For Ash/Hickory, Add</i>	267.77	
			<i>For Walnut, Add</i>	440.56	
			<i>For Cherry, Add</i>	827.34	
08 14 73 00-0022	EA		Pair 3' x 7' x 1-3/8" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,338.88	57.37
			<i>For Oak, Add</i>	286.45	
			<i>For Ash/Hickory, Add</i>	286.45	
			<i>For Walnut, Add</i>	471.30	
			<i>For Cherry, Add</i>	885.06	
08 14 73 00-0023			1-3/4" Thick (08 14 73 00-0001) See CSI section 08 14 73 00-0054 for all jams and track hardware.		
08 14 73 00-0024			6'-8" High (08 14 73 00-0023)		
08 14 73 00-0025	EA		2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	747.28	27.70
			<i>For Oak, Add</i>	161.91	
			<i>For Ash/Hickory, Add</i>	161.91	
			<i>For Walnut, Add</i>	266.39	
			<i>For Cherry, Add</i>	500.25	
08 14 73 00-0026	EA		2'-4" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	783.18	29.67
			<i>For Oak, Add</i>	169.38	
			<i>For Ash/Hickory, Add</i>	169.38	
			<i>For Walnut, Add</i>	278.68	
			<i>For Cherry, Add</i>	523.34	
08 14 73 00-0027	EA		2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	803.09	31.64
			<i>For Oak, Add</i>	173.12	
			<i>For Ash/Hickory, Add</i>	173.12	
			<i>For Walnut, Add</i>	284.83	
			<i>For Cherry, Add</i>	534.88	
08 14 73 00-0028	EA		2'-8" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	825.67	33.63
			<i>For Oak, Add</i>	177.47	
			<i>For Ash/Hickory, Add</i>	177.47	
			<i>For Walnut, Add</i>	292.00	
			<i>For Cherry, Add</i>	548.35	
08 14 73 00-0029	EA		2'-10" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	845.61	35.60
			<i>For Oak, Add</i>	181.21	
			<i>For Ash/Hickory, Add</i>	181.21	
			<i>For Walnut, Add</i>	298.15	
			<i>For Cherry, Add</i>	559.90	
08 14 73 00-0030	EA		3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	865.54	37.58
			<i>For Oak, Add</i>	184.95	
			<i>For Ash/Hickory, Add</i>	184.95	
			<i>For Walnut, Add</i>	304.30	
			<i>For Cherry, Add</i>	571.44	
08 14 73 00-0031	EA		Pair 2' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,482.72	49.45
			<i>For Oak, Add</i>	323.81	
			<i>For Ash/Hickory, Add</i>	323.81	
			<i>For Walnut, Add</i>	532.77	
			<i>For Cherry, Add</i>	1,000.50	
08 14 73 00-0032	EA		Pair 2'-6" x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,586.43	53.41
			<i>For Oak, Add</i>	346.23	
			<i>For Ash/Hickory, Add</i>	346.23	
			<i>For Walnut, Add</i>	569.66	
			<i>For Cherry, Add</i>	1,069.77	
08 14 73 00-0033	EA		Pair 3' x 6'-8" x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,695.48	57.37
			<i>For Oak, Add</i>	369.90	
			<i>For Ash/Hickory, Add</i>	369.90	
			<i>For Walnut, Add</i>	608.59	
			<i>For Cherry, Add</i>	1,142.88	
08 14 73 00-0034			7' High (08 14 73 00-0023)		
08 14 73 00-0035	EA		2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	800.51	27.70
			<i>For Oak, Add</i>	174.36	
			<i>For Ash/Hickory, Add</i>	174.36	
			<i>For Walnut, Add</i>	286.88	
			<i>For Cherry, Add</i>	538.74	
08 14 73 00-0036	EA		2'-4" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	841.72	29.67
			<i>For Oak, Add</i>	183.08	
			<i>For Ash/Hickory, Add</i>	183.08	
			<i>For Walnut, Add</i>	301.22	
			<i>For Cherry, Add</i>	565.67	

08 Openings**08 10 Doors And Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 73 00-0037	EA 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	864.30	31.64
	For Oak, Add	187.44	
	For Ash/Hickory, Add	187.44	
	For Walnut, Add	308.39	
	For Cherry, Add	579.14	
08 14 73 00-0038	EA 2'-8" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	886.88	33.63
	For Oak, Add	191.80	
	For Ash/Hickory, Add	191.80	
	For Walnut, Add	315.57	
	For Cherry, Add	592.61	
08 14 73 00-0039	EA 2'-10" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	906.82	35.60
	For Oak, Add	195.54	
	For Ash/Hickory, Add	195.54	
	For Walnut, Add	321.71	
	For Cherry, Add	604.15	
08 14 73 00-0040	EA 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	929.41	37.58
	For Oak, Add	199.89	
	For Ash/Hickory, Add	199.89	
	For Walnut, Add	328.89	
	For Cherry, Add	617.62	
08 14 73 00-0041	EA Pair 2' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,589.17	49.45
	For Oak, Add	348.72	
	For Ash/Hickory, Add	348.72	
	For Walnut, Add	573.75	
	For Cherry, Add	1,077.47	
08 14 73 00-0042	EA Pair 2'-6" x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,708.84	53.41
	For Oak, Add	374.88	
	For Ash/Hickory, Add	374.88	
	For Walnut, Add	616.79	
	For Cherry, Add	1,158.27	
08 14 73 00-0043	EA Pair 3' x 7' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,823.22	57.37
	For Oak, Add	399.79	
	For Ash/Hickory, Add	399.79	
	For Walnut, Add	657.77	
	For Cherry, Add	1,235.24	
08 14 73 00-0044	8' High (08 14 73 00-0023)		
08 14 73 00-0045	EA 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	853.73	27.70
	For Oak, Add	186.82	
	For Ash/Hickory, Add	186.82	
	For Walnut, Add	307.37	
	For Cherry, Add	577.21	
08 14 73 00-0046	EA 2'-4" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	894.95	29.67
	For Oak, Add	195.54	
	For Ash/Hickory, Add	195.54	
	For Walnut, Add	321.71	
	For Cherry, Add	604.15	
08 14 73 00-0047	EA 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	920.19	31.64
	For Oak, Add	200.52	
	For Ash/Hickory, Add	200.52	
	For Walnut, Add	329.91	
	For Cherry, Add	619.55	
08 14 73 00-0048	EA 2'-8" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	945.43	33.63
	For Oak, Add	205.50	
	For Ash/Hickory, Add	205.50	
	For Walnut, Add	338.11	
	For Cherry, Add	634.94	
08 14 73 00-0049	EA 2'-10" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	965.36	35.60
	For Oak, Add	209.23	
	For Ash/Hickory, Add	209.23	
	For Walnut, Add	344.25	
	For Cherry, Add	646.48	
08 14 73 00-0050	EA 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	990.61	37.58
	For Oak, Add	214.22	
	For Ash/Hickory, Add	214.22	
	For Walnut, Add	352.45	
	For Cherry, Add	661.87	
08 14 73 00-0051	EA Pair 2' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,695.62	49.45
	For Oak, Add	373.63	
	For Ash/Hickory, Add	373.63	
	For Walnut, Add	614.74	
	For Cherry, Add	1,154.43	
08 14 73 00-0052	EA Pair 2'-6" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced.....	1,820.61	53.41
	For Oak, Add	401.03	
	For Ash/Hickory, Add	401.03	
	For Walnut, Add	659.82	
	For Cherry, Add	1,239.08	
08 14 73 00-0053	EA Pair 3' x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	1,945.64	57.37
	For Oak, Add	428.43	
	For Ash/Hickory, Add	428.43	
	For Walnut, Add	704.90	
	For Cherry, Add	1,323.75	
08 14 73 00-0054	Accessories (08 14 73 00-0001)		
08 14 73 00-0055	Jamb Replacement (08 14 73 00-0054)		

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

08 14 73 00-0056	EA		4-9/16 Or 4-3/4" Jamb, Birch	98.02	
			For Oak, Add	6.61	
			For Ash/Hickory, Add	10.35	
			For Walnut, Add	22.62	
			For Cherry, Add	35.84	
08 14 73 00-0057	EA		5-1/4" Jamb, Birch	99.91	
			For Oak, Add	6.82	
			For Ash/Hickory, Add	10.68	
			For Walnut, Add	23.36	
			For Cherry, Add	36.99	
08 14 73 00-0058	EA		6-9/16" Or 6-3/4" Jamb, Birch	112.16	
			For Oak, Add	8.20	
			For Ash/Hickory, Add	12.85	
			For Walnut, Add	28.10	
			For Cherry, Add	44.50	

08 14 73 00-0059
Track And Hardware Replacement Kits (08 14 73 00-0054)

Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.

08 14 73 00-0060	EA		Up To 2'-6" x 6'-8" Door Track And Hardware	222.85	
08 14 73 00-0061	EA		2'-8" x 6'-8" Door Track And Hardware	224.90	
08 14 73 00-0062	EA		3' x 6'-8" Door Track And Hardware	228.98	
08 14 73 00-0063	EA		Up To 2'-6" x 7" Door Track And Hardware	267.82	
08 14 73 00-0064	EA		2'-8" x 7" Door Track And Hardware	269.86	
08 14 73 00-0065	EA		3' x 7" Door Track And Hardware	273.95	
08 14 73 00-0066	EA		Up To 2'-6" x 8' Door Track And Hardware	288.26	
08 14 73 00-0067	EA		2'-8" x 8' Door Track And Hardware	290.30	
08 14 73 00-0068	EA		3' x 8' Door Track And Hardware	294.39	
08 14 73 00-0069	EA		Double Door Converging Kit	32.31	

08 14 73 00-0070
Lauan Faced Hollow Core Flush Bi-Pass Doors (08 14 73)

08 14 73 00-0071	EA		4'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	243.71	63.27
08 14 73 00-0072	EA		5'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	259.60	67.23
08 14 73 00-0073	EA		6'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	281.95	71.18
08 14 73 00-0074	EA		8'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Pass	382.00	75.14

08 14 73 00-0075
Birch Faced Hollow Core Flush Bi-Pass Doors (08 14 73)

08 14 73 00-0076	EA		4'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	259.06	63.27
08 14 73 00-0077	EA		5'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	283.54	67.23
08 14 73 00-0078	EA		6'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	308.29	71.18
08 14 73 00-0079	EA		8'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Pass	412.71	75.14

08 14 73 00-0080
Molded High Density Fiberboard Hollow Core Paneled Bi-Pass Doors (08 14 73)

08 14 73 00-0081	EA		4'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	259.50	63.27
08 14 73 00-0082	EA		5'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	282.47	67.23
08 14 73 00-0083	EA		6'-0", Two 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	306.52	71.18
08 14 73 00-0084	EA		8'-0", Four 1-3/8" Primed Doors, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Pass	413.57	75.14

08 14 76
Bifolding Wood Doors (08 14)
08 14 76 00-0001
Bi-Fold Wood Doors (08 14 76)

Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.

08 14 76 00-0002
Lauan Faced Hollow Core Flush Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0003	EA		2'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	132.47	47.45
08 14 76 00-0004	EA		2'-6", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	140.38	51.41
08 14 76 00-0005	EA		2'-8", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	150.80	55.36
08 14 76 00-0006	EA		3'-0", Two 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	158.71	59.32
08 14 76 00-0007	EA		4'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	198.66	63.27
08 14 76 00-0008	EA		5'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	206.57	67.23
08 14 76 00-0009	EA		6'-0", Four 1-3/8" Unfinished Doors, Lauan Faced, Hollow Core, Flush Bi-Fold	219.79	71.18

08 14 76 00-0010
Birch Faced Hollow Core Flush Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0011	EA		2'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	138.61	47.45
08 14 76 00-0012	EA		2'-6", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	148.53	51.41
08 14 76 00-0013	EA		2'-8", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	160.30	55.36
08 14 76 00-0014	EA		3'-0", Two 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	168.21	59.32
08 14 76 00-0015	EA		4'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	211.78	63.27
08 14 76 00-0016	EA		5'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	227.03	67.23
08 14 76 00-0017	EA		6'-0", Four 1-3/8" Unfinished Doors, Birch Faced, Hollow Core, Flush Bi-Fold	243.04	71.18

08 14 76 00-0018
Oak Faced Hollow Core Flush Bi-Fold Doors (08 14 76 00-0001)

08 14 76 00-0019	EA		2'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	138.89	47.45
08 14 76 00-0020	EA		2'-6", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	152.45	51.41
08 14 76 00-0021	EA		2'-8", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	163.92	55.36
08 14 76 00-0022	EA		3'-0", Two 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	171.83	59.32
08 14 76 00-0023	EA		4'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	214.95	63.27
08 14 76 00-0024	EA		5'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	224.13	67.23
08 14 76 00-0025	EA		6'-0", Four 1-3/8" Unfinished Doors, Oak Faced, Hollow Core, Flush Bi-Fold	243.04	71.18

08 Openings
08 10 Doors And Frames
08 14 Wood Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 14 76 00-0026		Pine Raised Panel Bi-Fold Doors (08 14 76 00-0001)			
08 14 76 00-0027	EA	2'-0"	Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	321.13	47.45
08 14 76 00-0028	EA	2'-6"	Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	365.59	51.41
08 14 76 00-0029	EA	2'-8"	Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	415.98	55.36
08 14 76 00-0030	EA	3'-0"	Two 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	423.89	59.32
08 14 76 00-0031	EA	4'-0"	Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	578.99	63.27
08 14 76 00-0032	EA	5'-0"	Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	660.00	67.23
08 14 76 00-0033	EA	6'-0"	Four 1-3/8" Unfinished Doors, Pine Veneer, Raised Panel Bi-Fold.....	752.87	71.18

08 14 76 00-0034		Oak Raised Panel Bi-Fold Doors (08 14 76 00-0001)			
08 14 76 00-0035	EA	2'-0"	Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	405.10	47.45
08 14 76 00-0036	EA	2'-6"	Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	439.68	51.41
08 14 76 00-0037	EA	2'-8"	Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	480.19	55.36
08 14 76 00-0038	EA	3'-0"	Two 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold	488.10	59.32
08 14 76 00-0039	EA	4'-0"	Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	746.93	63.27
08 14 76 00-0040	EA	5'-0"	Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	808.19	67.23
08 14 76 00-0041	EA	6'-0"	Four 1-3/8" Unfinished Doors, Oak Veneer, Raised Panel Bi-Fold.....	881.30	71.18

08 14 76 00-0042		Molded High Density Fiberboard Hollow Core Paneled Bi-Fold Doors (08 14 76 00-0001)			
08 14 76 00-0043	EA	2'-0"	Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	134.63	47.45
08 14 76 00-0044	EA	2'-6"	Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	145.06	51.41
08 14 76 00-0045	EA	2'-8"	Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	158.31	55.36
08 14 76 00-0046	EA	3'-0"	Two 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	161.72	59.32
08 14 76 00-0047	EA	4'-0"	Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	195.10	63.27
08 14 76 00-0048	EA	5'-0"	Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	210.06	67.23
08 14 76 00-0049	EA	6'-0"	Four 1-3/8" Unfinished Doors, Primed, Molded High Density Fiberboard, Hollow Core, Paneled Bi-Fold.....	233.21	71.18

08 15 Plastic Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 Laminated Plastic Doors (08 15)

See CSI section 08 70 00 00-0000 for finish hardware.

08 15 13 00-0001		Laminated Plastic Doors (08 15 13)			
Note: 0.125" acrylic/PVC thermoplastic face sheet over 1-1/2" x 1-1/2" x 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.					
08 15 13 00-0002	EA	Door, Plastic Clad 1-3/8", 1/6 X 6/8	270.11	39.56	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0003	EA	Door, Plastic Clad 1-3/4", 1/6 X 6/8	270.11	39.56	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0004	EA	Door, Plastic Clad 1-3/8", 1/6 X 7/0	270.11	39.56	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0005	EA	Door, Plastic Clad 1-3/4", 1/6 X 7/0	270.11	39.56	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0006	EA	Door, Plastic Clad 1-3/8", 2/0 X 6/8	278.03	43.51	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0007	EA	Door, Plastic Clad 1-3/4", 2/0 X 6/8	278.03	43.51	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0008	EA	Door, Plastic Clad 1-3/8", 2/0 X 7/0	278.03	43.51	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0009	EA	Door, Plastic Clad 1-3/4", 2/0 X 7/0	278.03	43.51	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0010	EA	Door, Plastic Clad 1-3/8", 2/6 X 6/8	301.70	45.50	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0011	EA	Door, Plastic Clad 1-3/4", 2/6 X 6/8	301.70	45.50	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0012	EA	Door, Plastic Clad 1-3/8", 2/6 X 7/0	301.70	43.51	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0013	EA	Door, Plastic Clad 1-3/4", 2/6 X 7/0	301.70	45.50	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0014	EA	Door, Plastic Clad 1-3/8", 3/0 X 6/8	325.38	47.47	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0015	EA	Door, Plastic Clad 1-3/4", 3/0 X 6/8	325.38	47.47	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0016	EA	Door, Plastic Clad 1-3/8", 3/0 X 7/0	325.38	47.47	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0017	EA	Door, Plastic Clad 1-3/4", 3/0 X 7/0	325.38	47.47	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0018	EA	Door, Plastic Clad 1-3/8", 3/6 X 6/8	360.48	49.45	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0019	EA	Door, Plastic Clad 1-3/4", 3/6 X 6/8	360.48	49.45	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0020	EA	Door, Plastic Clad 1-3/8", 3/6 X 7/0	360.48	49.45	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0021	EA	Door, Plastic Clad 1-3/4", 3/6 X 7/0	360.48	49.45	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0022	EA	Door, Plastic Clad 1-3/8", 4/0 X 6/8	408.87	53.41	
		For Machining for Mortise Lock, Add	35.00		
08 15 13 00-0023	EA	Door, Plastic Clad 1-3/4", 4/0 X 6/8	408.87	53.41	
		For Machining for Mortise Lock, Add	35.00		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

08 15 13 00-0024	EA Door, Plastic Clad 1-3/8", 4/0 X 7/0 <i>For Machining for Mortise Lock, Add</i>	408.87 35.00	53.41
08 15 13 00-0025	EA Door, Plastic Clad 1-3/4", 4/0 X 7/0 <i>For Machining for Mortise Lock, Add</i>	408.87 35.00	53.41

08 16 Composite Doors (08 10)

Note: Includes machining for all hardware. Excludes finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 Fiberglass Doors (08 16)

See CSI section 08 70 00 00-0000 for finish hardware.

08 16 13 00-0001 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors (08 16 13)

08 16 13 00-0002 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0001)

08 16 13 00-0003 Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0002)

Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.

08 16 13 00-0004 Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0005 6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)

08 16 13 00-0006	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,672.26 88.90 197.88	47.47
08 16 13 00-0007	EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,696.93 88.90 197.88	49.45
08 16 13 00-0008	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,860.16 88.90 197.88	53.41
08 16 13 00-0009	PR Pair 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,060.07 177.80 395.77	90.20
08 16 13 00-0010	PR Pair 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,084.83 177.80 395.77	93.95
08 16 13 00-0011	PR Pair 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,434.68 177.80 395.77	101.47

08 16 13 00-0012 7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0004)

08 16 13 00-0013	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,672.26 88.90 197.88	47.47
08 16 13 00-0014	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,736.05 88.90 197.88	49.45
08 16 13 00-0015	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,901.57 88.90 197.88	53.41
08 16 13 00-0016	PR Pair 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,060.07 177.80 395.77	90.20
08 16 13 00-0017	PR Pair 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,276.97 177.80 395.77	93.95
08 16 13 00-0018	PR Pair 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,517.51 177.80 395.77	101.47

08 16 13 00-0019 Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)

Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.

08 16 13 00-0020 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0019)

08 16 13 00-0021 6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0020)

08 16 13 00-0022	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,149.72 88.90 197.88	47.47
------------------	--	-----------------------------	-------

08 Openings
08 10 Doors And Frames
08 16 Composite Doors

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0023	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,195.09	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0024	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,323.80	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0025	PR Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0026	PR Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,822.30	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0027	PR Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,120.37	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0028	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0020)</small>		
08 16 13 00-0029	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,149.72	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0030	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,188.19	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0031	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,373.28	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0032	PR Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0033	PR Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,808.49	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0034	PR Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,219.31	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0035	60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0019)</small>		
08 16 13 00-0036	6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0035)</small>		
08 16 13 00-0037	EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,149.72	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0038	EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,195.09	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0039	EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,323.80	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0040	PR Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0041	PR Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,822.30	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0042	PR Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,120.37	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0043	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0035)</small>		
08 16 13 00-0044	EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,149.72	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	

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

08 16 13 00-0045	EA		3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,188.19	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0046	EA		4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,373.28	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0047	PR		Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0048	PR		Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,808.49	93.95
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0049	PR		Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,219.31	101.47
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0050			90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0019)		
08 16 13 00-0051			6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0050)		
08 16 13 00-0052	EA		3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,149.72	47.47
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0053	EA		3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,195.09	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0054	EA		4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,323.80	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0055	PR		Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0056	PR		Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,822.30	93.95
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0057	PR		Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,182.49	101.47
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0058			7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0050)		
08 16 13 00-0059	EA		3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,149.72	47.47
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0060	EA		3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,188.19	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0061	EA		4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	2,373.28	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0062	PR		Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,773.37	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0063	PR		Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,863.72	93.95
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0064	PR		Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,283.74	101.47
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0065			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0003)		
			Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0066			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0065)		

08 Openings**08 10 Doors And Frames****08 16 Composite Doors**

		MINOR	TOTAL DIRECT	DEMOLITION
		CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0067	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,732.09 88.90 197.88	47.47
08 16 13 00-0068		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) (08 16 13 00-0065)		
08 16 13 00-0069	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,732.09 88.90 197.88	47.47
08 16 13 00-0070		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) (08 16 13 00-0002)		
08 16 13 00-0071	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf).....	0.24	
08 16 13 00-0072	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.38	
08 16 13 00-0073	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.32	
08 16 13 00-0074	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.34	
08 16 13 00-0075	SI	Factory Installed Molded Louver (Chem-Pruf)	0.24	
08 16 13 00-0076	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	0.32	
08 16 13 00-0077	LF	Weather Strip (Chem-Pruf)	6.90	
08 16 13 00-0078	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	9.20	
08 16 13 00-0079	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	18.41	
08 16 13 00-0080	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	23.01	
08 16 13 00-0081	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	44.87	
08 16 13 00-0082		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0001)		
08 16 13 00-0083		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0082) Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0084		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0083) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0085		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0084)		
08 16 13 00-0086	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,325.86 88.90 197.88	47.47
08 16 13 00-0087	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,344.78 88.90 197.88	49.45
08 16 13 00-0088	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,410.21 88.90 197.88	53.41
08 16 13 00-0089	PR	Pair 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,460.45 177.80 395.77	90.20
08 16 13 00-0090	PR	Pair 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,497.88 177.80 395.77	93.95
08 16 13 00-0091	PR	Pair 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,627.98 177.80 395.77	101.47
08 16 13 00-0092		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0084)		
08 16 13 00-0093	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,325.86 88.90 197.88	47.47
08 16 13 00-0094	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,402.30 88.90 197.88	49.45
08 16 13 00-0095	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,410.21 88.90 197.88	53.41
08 16 13 00-0096	PR	Pair 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,460.45 177.80 395.77	90.20
08 16 13 00-0097	PR	Pair 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,612.93 177.80 395.77	93.95
08 16 13 00-0098	PR	Pair 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,627.98 177.80 395.77	101.47

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

08 16 13 00-0099			Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0099)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0100			45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0099)</small>		
08 16 13 00-0101			6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0100)</small>		
08 16 13 00-0102	EA		3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,188.73	47.47
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0103	EA		3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,234.11	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0104	EA		4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,340.96	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0105	PR		Pair 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,948.04	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0106	PR		Pair 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,038.38	93.95
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0107	PR		Pair 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,251.32	101.47
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0108			7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0100)</small>		
08 16 13 00-0109	EA		3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,188.73	47.47
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0110	EA		3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,250.21	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0111	EA		4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,390.43	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0112	PR		Pair 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,948.04	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0113	PR		Pair 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,070.60	93.95
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0114	PR		Pair 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,350.26	101.47
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0115			60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0099)</small>		
08 16 13 00-0116			6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0115)</small>		
08 16 13 00-0117	EA		3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,188.73	47.47
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0118	EA		3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,234.11	49.45
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0119	EA		4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,340.96	53.41
			<i>For Custom Color Finish, Add</i>	88.90	
			<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0120	PR		Pair 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,948.04	90.20
			<i>For Custom Color Finish, Add</i>	177.80	
			<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	

08 Openings**08 10 Doors And Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0121	PR Pair 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,038.38	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0122	PR Pair 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,251.32	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0123	7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0115)</small>		
08 16 13 00-0124	EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,188.73	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0125	EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,250.21	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0126	EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,390.43	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0127	PR Pair 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,948.04	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0128	PR Pair 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,070.60	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0129	PR Pair 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,350.26	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0130	90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0099)</small>		
08 16 13 00-0131	6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0130)</small>		
08 16 13 00-0132	EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,188.73	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0133	EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,234.11	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0134	EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,340.96	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0135	PR Pair 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,948.04	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0136	PR Pair 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,038.38	93.95
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0137	PR Pair 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,251.32	101.47
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	
08 16 13 00-0138	7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0130)</small>		
08 16 13 00-0139	EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,188.73	47.47
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0140	EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,250.21	49.45
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0141	EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,390.43	53.41
	<i>For Custom Color Finish, Add</i>	88.90	
	<i>For Stainless Steel Continuous Hinge, Add</i>	197.88	
08 16 13 00-0142	PR Pair 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	3,948.04	90.20
	<i>For Custom Color Finish, Add</i>	177.80	
	<i>For Stainless Steel Continuous Hinge, Add</i>	395.77	

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

08 16 13 00-0143	PR		Pair 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,070.60 177.80 395.77	93.95
08 16 13 00-0144	PR		Pair 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,350.26 177.80 395.77	101.47
08 16 13 00-0145			Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0083) Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0146			6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0145)		
08 16 13 00-0147	EA		3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,498.43 88.90 197.88	47.47
08 16 13 00-0148			7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0145)		
08 16 13 00-0149	EA		3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	1,498.43 88.90 197.88	47.47
08 16 13 00-0150			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0082)		
08 16 13 00-0151	SI		1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.54	
08 16 13 00-0152	SI		1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.56	
08 16 13 00-0153	SI		1/4" Wire, Factory Installed Vision Glass (Skule Door)	0.59	
08 16 13 00-0154	SI		1/2" Insulated, Factory Installed Vision Glass (Skule Door)	0.85	
08 16 13 00-0155	SI		Factory Installed Molded Louver (Skule Door)	0.34	
08 16 13 00-0156	SI		Factory Installed Molded Louver With Insect Screen (Skule Door)	0.54	
08 16 13 00-0157	LF		Weather Strip (Skule Door)	4.60	
08 16 13 00-0158	LF		Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	5.75	
08 16 13 00-0159	LF		1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	18.41	
08 16 13 00-0160	LF		Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	65.58	
08 16 13 00-0161	LF		2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	25.31	

08 17 Integrated Door Opening Assemblies (08 10)

08 17 23 Integrated Metal Door Opening Assemblies (08 17)

08 17 23 00-0001			Pre-Hung Interior Door Units (08 17 23) Note: All prehung doors include door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.		
08 17 23 00-0002			Hollow Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0003			Birch Faced (08 17 23 00-0002)		
08 17 23 00-0004	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	347.46 59.65	49.45
08 17 23 00-0005	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	362.72 63.32	49.45
08 17 23 00-0006	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	381.97 66.99	51.43
08 17 23 00-0007	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	390.48 68.08	53.41
08 17 23 00-0008	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	418.18 74.73	53.41
08 17 23 00-0009	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	442.07 79.51	55.38
08 17 23 00-0010	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	659.30 119.30	81.10
08 17 23 00-0011	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	701.75 126.65	87.04
08 17 23 00-0012	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	753.25 136.15	92.97
08 17 23 00-0013			Lauan Faced (08 17 23 00-0002)		
08 17 23 00-0014	EA		2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	314.94 51.85	49.45
08 17 23 00-0015	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	329.59 55.37	49.45
08 17 23 00-0016	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	345.90 58.33	51.43
08 17 23 00-0017	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	358.59 60.42	53.41
08 17 23 00-0018	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	382.66 66.20	53.41

08 Openings**08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 17 23 00-0019	EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	404.24 70.43	55.38
08 17 23 00-0020	EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	594.29 103.70	81.10
08 17 23 00-0021	EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	635.39 110.72	87.04
08 17 23 00-0022	EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	689.54 120.86	92.97
08 17 23 00-0023	Tempered Hardboard Faced (08 17 23 00-0002)		
08 17 23 00-0024	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	268.26 40.65	49.45
08 17 23 00-0025	EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	280.61 43.61	49.45
08 17 23 00-0026	EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	290.42 45.02	51.43
08 17 23 00-0027	EA 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	306.10 47.83	53.41
08 17 23 00-0028	EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	328.01 53.09	53.41
08 17 23 00-0029	EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	346.13 56.49	55.38
08 17 23 00-0030	EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	500.91 81.29	81.10
08 17 23 00-0031	EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	537.47 87.22	87.04
08 17 23 00-0032	EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	584.50 95.66	92.97
08 17 23 00-0033	Solid Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0034	Birch Faced (08 17 23 00-0033)		
08 17 23 00-0035	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	464.89 87.84	49.45
08 17 23 00-0036	EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	484.14 92.46	49.45
08 17 23 00-0037	EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	507.30 97.07	51.43
08 17 23 00-0038	EA 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	534.69 102.69	53.41
08 17 23 00-0039	EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	581.68 113.97	53.41
08 17 23 00-0040	EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	627.14 123.93	55.38
08 17 23 00-0041	EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	894.19 175.68	81.10
08 17 23 00-0042	EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	944.55 184.92	87.04
08 17 23 00-0043	EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	1,041.69 205.38	92.97
08 17 23 00-0044	Luan Faced (08 17 23 00-0033)		
08 17 23 00-0045	EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	415.77 76.05	49.45
08 17 23 00-0046	EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	433.19 80.23	49.45
08 17 23 00-0047	EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	454.54 84.41	51.43
08 17 23 00-0048	EA 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	476.09 88.63	53.41
08 17 23 00-0049	EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	516.70 98.37	53.41
08 17 23 00-0050	EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	546.89 104.67	55.38
08 17 23 00-0051	EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	795.93 152.10	81.10
08 17 23 00-0052	EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	842.67 160.47	87.04
08 17 23 00-0053	EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	924.47 177.25	92.97
08 17 23 00-0054	Tempered Hardboard Faced (08 17 23 00-0033)		
08 17 23 00-0055	EA 2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	372.02 65.55	49.45
08 17 23 00-0056	EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	387.83 69.34	49.45
08 17 23 00-0057	EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	407.65 73.15	51.43
08 17 23 00-0058	EA 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	417.47 74.56	53.41
08 17 23 00-0059	EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	451.73 82.78	53.41
08 17 23 00-0060	EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door..... <i>For Each 1' Of Additional Door Height, Add</i>	477.78 88.08	55.38

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0061	PR			Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	708.43 131.10	81.10
08 17 23 00-0062	PR			Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	751.92 138.69	87.04
08 17 23 00-0063	PR			Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	807.24 149.12	92.97
08 17 23 00-0064				Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0065				Birch Faced (08 17 23 00-0064)		
08 17 23 00-0066	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	409.56 74.56	49.45
08 17 23 00-0067	EA			2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	421.28 77.37	49.45
08 17 23 00-0068	EA			2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	429.57 78.41	51.43
08 17 23 00-0069	EA			3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	452.64 83.00	53.41
08 17 23 00-0070	EA			3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	503.37 95.17	53.41
08 17 23 00-0071	EA			3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	566.60 109.40	55.38
08 17 23 00-0072	EA			Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	783.54 149.12	81.10
08 17 23 00-0073	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	818.83 154.74	87.04
08 17 23 00-0074	EA			Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	877.62 166.00	92.97
08 17 23 00-0075				Lauan Faced (08 17 23 00-0064)		
08 17 23 00-0076	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	373.35 65.87	49.45
08 17 23 00-0077	EA			2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	392.26 70.41	49.45
08 17 23 00-0078	EA			2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	411.56 74.09	51.43
08 17 23 00-0079	EA			3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	421.59 75.55	53.41
08 17 23 00-0080	EA			3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	456.20 83.85	53.41
08 17 23 00-0081	EA			3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	482.51 89.22	55.38
08 17 23 00-0082	EA			Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	711.10 131.74	81.10
08 17 23 00-0083	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	760.78 140.81	87.04
08 17 23 00-0084	EA			Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	815.51 151.10	92.97
08 17 23 00-0085				Tempered Hardboard Faced (08 17 23 00-0064)		
08 17 23 00-0086	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	309.90 50.64	49.45
08 17 23 00-0087	EA			2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	315.78 52.05	49.45
08 17 23 00-0088	EA			2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	331.46 54.87	51.43
08 17 23 00-0089	EA			3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	347.15 57.68	53.41
08 17 23 00-0090	EA			3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	360.53 60.89	53.41
08 17 23 00-0091	EA			3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	380.74 64.79	55.38
08 17 23 00-0092	EA			Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	584.18 101.28	81.10
08 17 23 00-0093	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	607.82 104.10	87.04
08 17 23 00-0094	EA			Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	666.62 115.36	92.97
08 17 23 00-0095				Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0096				Birch Faced (08 17 23 00-0095)		
08 17 23 00-0097	EA			2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	520.94 101.29	49.45
08 17 23 00-0098	EA			2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	538.51 105.51	49.45
08 17 23 00-0099	EA			2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	548.34 106.92	51.43
08 17 23 00-0100	EA			3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	569.87 111.13	53.41
08 17 23 00-0101	EA			3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	620.81 123.36	53.41
08 17 23 00-0102	EA			3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	676.21 135.71	55.38

08 Openings**08 10 Doors And Frames****08 17 Integrated Door Opening Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 17 23 00-0103	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,006.28 202.58	81.10
08 17 23 00-0104	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,053.28 211.01	87.04
08 17 23 00-0105	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,112.06 222.27	92.97
08 17 23 00-0106	Lauan Faced <small>(08 17 23 00-0095)</small>		
08 17 23 00-0107	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	530.21 103.51	49.45
08 17 23 00-0108	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	531.47 103.82	49.45
08 17 23 00-0109	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	547.84 106.80	51.43
08 17 23 00-0110	EA 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	560.80 108.96	53.41
08 17 23 00-0111	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	601.83 118.80	53.41
08 17 23 00-0112	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	637.46 126.41	55.38
08 17 23 00-0113	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,024.84 207.03	81.10
08 17 23 00-0114	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,039.19 207.63	87.04
08 17 23 00-0115	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,093.91 217.91	92.97
08 17 23 00-0116	Tempered Hardboard Faced <small>(08 17 23 00-0095)</small>		
08 17 23 00-0117	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	433.01 80.19	49.45
08 17 23 00-0118	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	438.85 81.59	49.45
08 17 23 00-0119	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	448.69 83.00	51.43
08 17 23 00-0120	EA 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	464.38 85.81	53.41
08 17 23 00-0121	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	490.61 92.11	53.41
08 17 23 00-0122	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	519.13 98.01	55.38
08 17 23 00-0123	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	830.40 160.37	81.10
08 17 23 00-0124	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	853.98 163.18	87.04
08 17 23 00-0125	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	901.06 171.63	92.97
08 17 23 00-0126	Oak Or Maple Faced <small>(08 17 23 00-0095)</small>		
08 17 23 00-0127	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	629.56 127.36	49.45
08 17 23 00-0128	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	632.80 128.14	49.45
08 17 23 00-0129	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	664.18 134.72	51.43
08 17 23 00-0130	EA 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	675.31 136.44	53.41
08 17 23 00-0131	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	736.93 151.23	53.41
08 17 23 00-0132	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	813.91 168.75	55.38
08 17 23 00-0133	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,223.52 254.72	81.10
08 17 23 00-0134	EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,241.88 256.27	87.04
08 17 23 00-0135	EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,322.92 272.88	92.97
08 17 23 00-0136	Walnut Faced <small>(08 17 23 00-0095)</small>		
08 17 23 00-0137	EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	795.29 167.13	49.45
08 17 23 00-0138	EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	824.24 174.08	49.45
08 17 23 00-0139	EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	837.89 176.41	51.43
08 17 23 00-0140	EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	870.85 183.37	53.41
08 17 23 00-0141	EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	954.91 203.54	53.41
08 17 23 00-0142	EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,043.74 223.91	55.38
08 17 23 00-0143	EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door <i>For Each 1' Of Additional Door Height, Add</i>	1,554.97 334.26	81.10

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

08 17 23 00-0144	EA			Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,624.74	87.04
				<i>For Each 1' Of Additional Door Height, Add</i>	348.16	
08 17 23 00-0145	EA			Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,714.02	92.97
				<i>For Each 1' Of Additional Door Height, Add</i>	366.74	

08 30 Specialty Doors And Frames (08)

08 31 Access Doors And Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors And Frames (08 31)

08 31 13 00-0001 Stainless Steel Access Doors (08 31 13)

08 31 13 00-0002 Fire Rated Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0003	EA			12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch.....	340.10	44.07
08 31 13 00-0004	EA			12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	396.20	46.95
08 31 13 00-0005	EA			18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	463.08	49.66
08 31 13 00-0006	EA			24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch.....	534.99	52.17
08 31 13 00-0007	EA			24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch.....	547.38	52.44
08 31 13 00-0008	EA			24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch.....	708.25	54.06

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA			8" x 8" Stainless Steel Access Door With Cam Latch.....	134.51	33.80
08 31 13 00-0011	EA			12" x 12" Stainless Steel Access Door With Cam Latch.....	161.14	44.07
08 31 13 00-0012	EA			12" x 18" Stainless Steel Access Door With Cam Latch.....	230.50	46.95
08 31 13 00-0013	EA			18" x 18" Stainless Steel Access Door With Cam Latch.....	247.45	49.66
08 31 13 00-0014	EA			24" x 18" Stainless Steel Access Door With Cam Latch.....	287.62	52.17
08 31 13 00-0015	EA			24" x 24" Stainless Steel Access Door With Cam Latch.....	328.26	52.44

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA			12" x 12" Fire Rated Steel Access Door With Cam Latch.....	187.83	44.33
08 31 13 00-0019	EA			12" x 18" Fire Rated Steel Access Door With Cam Latch.....	230.51	46.95
08 31 13 00-0020	EA			18" x 18" Fire Rated Steel Access Door With Cam Latch.....	231.08	49.66
08 31 13 00-0021	EA			24" x 18" Fire Rated Steel Access Door With Cam Latch.....	272.76	52.44
08 31 13 00-0022	EA			24" x 24" Fire Rated Steel Access Door With Cam Latch.....	284.50	52.44
08 31 13 00-0023	EA			24" x 36" Fire Rated Steel Access Door With Cam Latch.....	374.20	54.06
08 31 13 00-0024	EA			24" x 48" Fire Rated Steel Access Door With Cam Latch.....	429.56	56.32
08 31 13 00-0025	EA			36" x 36" Fire Rated Steel Access Door With Cam Latch.....	526.71	56.32
08 31 13 00-0026	EA			48" x 48" Fire Rated Steel Access Door With Cam Latch.....	674.42	67.59

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA			8" x 8" Steel Access Door With Cam Latch.....	101.13	33.98
08 31 13 00-0029	EA			12" x 12" Steel Access Door With Cam Latch.....	108.27	44.33
08 31 13 00-0030	EA			12" x 18" Steel Access Door With Cam Latch.....	123.58	46.95
08 31 13 00-0031	EA			18" x 18" Steel Access Door With Cam Latch.....	127.41	49.66
08 31 13 00-0032	EA			24" x 18" Steel Access Door With Cam Latch.....	149.52	52.44
08 31 13 00-0033	EA			24" x 24" Steel Access Door With Cam Latch.....	152.76	52.44
08 31 13 00-0034	EA			24" x 36" Steel Access Door With Cam Latch.....	197.47	54.06
08 31 13 00-0035	EA			36" x 36" Steel Access Door With Cam Latch.....	256.00	56.32

08 31 13 00-0036 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0037	EA			8" x 8" Recessed Steel Access Door With Cam Latch.....	139.97	33.80
				<i>For Recessed Doors In Acoustical Tile, Add</i>	16.18	
08 31 13 00-0038	EA			12" x 12" Recessed Steel Access Door With Cam Latch.....	146.74	36.23
				<i>For Recessed Doors In Acoustical Tile, Add</i>	17.81	
08 31 13 00-0039	EA			12" x 18" Recessed Steel Access Door With Cam Latch.....	157.53	38.29
				<i>For Recessed Doors In Acoustical Tile, Add</i>	18.52	
08 31 13 00-0040	EA			18" x 18" Recessed Steel Access Door With Cam Latch.....	183.48	40.55
				<i>For Recessed Doors In Acoustical Tile, Add</i>	17.09	
08 31 13 00-0041	EA			24" x 18" Recessed Steel Access Door With Cam Latch.....	193.09	42.80
				<i>For Recessed Doors In Acoustical Tile, Add</i>	18.13	
08 31 13 00-0042	EA			24" x 24" Recessed Steel Access Door With Cam Latch.....	210.16	42.80
				<i>For Recessed Doors In Acoustical Tile, Add</i>	15.57	
08 31 13 00-0043	EA			24" x 36" Recessed Steel Access Door With Cam Latch.....	262.02	54.06
				<i>For Recessed Doors In Acoustical Tile, Add</i>	20.17	
08 31 13 00-0044	EA			36" x 36" Recessed Steel Access Door With Cam Latch.....	367.91	56.32
				<i>For Recessed Doors In Acoustical Tile, Add</i>	6.77	

08 31 13 00-0045 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0046	EA			24" x 24" Steel Crawl Space Door With Cam Latch.....	162.17	57.04
08 31 13 00-0047	EA			30" x 24" Steel Crawl Space Door With Cam Latch.....	225.36	69.12
08 31 13 00-0048	EA			30" x 30" Steel Crawl Space Door With Cam Latch.....	252.05	75.07

08 Openings**08 30 Specialty Doors And Frames****08 32 Sliding Glass Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 32 Sliding Glass Doors (08 30)

Note: Includes stock frames, trim, necessary anchors and Usual hardware.

08 32 13 Sliding Aluminum-Framed Glass Doors (08 32)**08 32 13 00-0001 Residential Metal Sliding Glass Door** (08 32 13)**08 32 13 00-0002 Door With 5/8" Insulating Glass** (08 32 13 00-0001)

08 32 13 00-0003	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	20.15	3.56
		<i>For Custom Quality, Add</i>	2.68	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	1.93	
08 32 13 00-0004	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	15.76	2.21
		<i>For Custom Quality, Add</i>	2.57	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	1.85	

08 32 13 00-0005 Door With 1" Insulating Glass (08 32 13 00-0001)

08 32 13 00-0006	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	22.07	3.56
		<i>For Custom Quality, Add</i>	3.16	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.28	
08 32 13 00-0007	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	17.65	2.21
		<i>For Custom Quality, Add</i>	3.04	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	2.19	

08 32 13 00-0008 Door With 1/4" Tempered Plate Glass 3.2/SF (08 32 13 00-0001)

08 32 13 00-0009	SF	Up To 6' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware.....	18.58	3.56
08 32 13 00-0010	SF	>6' Up To 12' Wide Sliding Glass Door 1/4" Insulated Glass With Frame, Trim, Hardware.....	13.76	2.21

08 32 19 Sliding Wood-Framed Glass Doors (08 32)**08 32 19 00-0001 Residential Wood Sliding Doors With 5/8" Glass** (08 32 19)

08 32 19 00-0002	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,913.15	106.81
08 32 19 00-0003	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,335.46	130.55
08 32 19 00-0004	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,699.04	150.33
08 32 19 00-0005	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,110.90	106.81
08 32 19 00-0006	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,590.86	130.55
08 32 19 00-0007	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	3,015.12	150.33

08 33 Coiling Doors And Grilles (08 30)**08 33 13 Coiling Counter Doors** (08 33)**08 33 13 00-0001 Aluminum Overhead Coiling Counter Shutters** (08 33 13)

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Excludes steel framing supports.

08 33 13 00-0002	EA	4' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,838.86	348.42
		<i>For Steel Doors, Deduct</i>	-35.00	
		<i>For Stainless Steel Doors, Add</i>	78.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0003	EA	6' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,045.43	348.42
		<i>For Steel Doors, Deduct</i>	-71.00	
		<i>For Stainless Steel Doors, Add</i>	130.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0004	EA	8' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,295.92	370.19
		<i>For Steel Doors, Deduct</i>	-115.00	
		<i>For Stainless Steel Doors, Add</i>	225.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	741.50	
08 33 13 00-0005	EA	10' x 4', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,670.90	435.52
		<i>For Steel Doors, Deduct</i>	-142.00	
		<i>For Stainless Steel Doors, Add</i>	315.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.34	
08 33 13 00-0006	EA	4' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	1,998.25	348.42
		<i>For Steel Doors, Deduct</i>	-40.00	
		<i>For Stainless Steel Doors, Add</i>	85.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0007	EA	6' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,301.60	387.09
		<i>For Steel Doors, Deduct</i>	-80.00	
		<i>For Stainless Steel Doors, Add</i>	145.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	746.78	
08 33 13 00-0008	EA	10' x 6', Aluminum Overhead Coiling Counter Shutters, Manual Lift.....	2,835.71	435.52
		<i>For Steel Doors, Deduct</i>	-156.00	
		<i>For Stainless Steel Doors, Add</i>	240.00	
		<i>For Fire Rated, Add</i>	65.00	
		<i>For Motor Operator (With Safety Reverse), Add</i>	758.88	

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

08 33 13 00-0009 Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters (08 33 13)					
Note: Includes stainless steel frame and sill, necessary anchors, track and hardware. Includes clear anodized aluminum finish. Excludes steel framing supports.					
08 33 13 00-0010	EA	4' x 4'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,125.86	348.42
			<i>For Steel Doors, Deduct</i>	-35.00	
			<i>For Stainless Steel Doors, Add</i>	78.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0011	EA	6' x 4'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,497.94	348.42
			<i>For Steel Doors, Deduct</i>	-71.00	
			<i>For Stainless Steel Doors, Add</i>	130.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0012	EA	8' x 4'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,927.93	370.19
			<i>For Steel Doors, Deduct</i>	-115.00	
			<i>For Stainless Steel Doors, Add</i>	225.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	741.50	
08 33 13 00-0013	EA	10' x 4'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	7,506.48	435.52
			<i>For Steel Doors, Deduct</i>	-142.00	
			<i>For Stainless Steel Doors, Add</i>	315.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	758.34	
08 33 13 00-0014	EA	4' x 6'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,344.40	348.42
			<i>For Steel Doors, Deduct</i>	-40.00	
			<i>For Stainless Steel Doors, Add</i>	85.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	737.10	
08 33 13 00-0015	EA	6' x 6'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	6,783.94	387.09
			<i>For Steel Doors, Deduct</i>	-80.00	
			<i>For Stainless Steel Doors, Add</i>	145.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	746.78	
08 33 13 00-0016	EA	10' x 6'	Integral Frame And Sill, Aluminum Overhead Coiling Counter Shutters, Manual Lift	7,962.98	435.52
			<i>For Steel Doors, Deduct</i>	-156.00	
			<i>For Stainless Steel Doors, Add</i>	240.00	
			<i>For Fire Rated, Add</i>	65.00	
			<i>For Motor Operator (With Safety Reverse), Add</i>	758.88	

08 33 23 Overhead Coiling Doors (08 33)

08 33 23 00-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23)					
08 33 23 00-0002 26 Gauge Galvanized Steel Overhead Coiling Doors, Storage Unit Style (08 33 23 00-0001)					
08 33 23 00-0003	EA	4' x 7'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	645.84	217.57
08 33 23 00-0004	EA	4' x 8'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	714.43	237.36
08 33 23 00-0005	EA	5' x 7'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	711.04	237.36
08 33 23 00-0006	EA	5' x 8'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	784.12	257.14
08 33 23 00-0007	EA	6' x 7'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	776.30	257.14
08 33 23 00-0008	EA	6' x 8'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	848.99	276.92
08 33 23 00-0009	EA	6' x 9'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	934.64	296.70
08 33 23 00-0010	EA	8' x 7'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	822.00	257.14
08 33 23 00-0011	EA	8' x 8'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	885.88	276.92
08 33 23 00-0012	EA	8' x 9'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	960.46	296.70
08 33 23 00-0013	EA	8' x 10'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,067.76	316.48
08 33 23 00-0014	EA	10' x 7'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	995.30	316.48
08 33 23 00-0015	EA	10' x 8'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,045.47	316.48
08 33 23 00-0016	EA	10' x 9'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,151.95	336.26
08 33 23 00-0017	EA	10' x 10'	26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,225.98	356.04

08 33 23 00-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)

Note: With curtain hood (barrel cover).					
08 33 23 00-0019	EA	8' x 7'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,115.10	257.14
			<i>For Insulated, Add</i>	1,239.19	
08 33 23 00-0020	EA	8' x 8'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,209.99	276.92
			<i>For Insulated, Add</i>	1,283.65	
08 33 23 00-0021	EA	8' x 10'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,451.40	316.48
			<i>For Insulated, Add</i>	1,411.30	
08 33 23 00-0022	EA	8' x 12'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,620.21	316.48
			<i>For Insulated, Add</i>	1,537.91	
08 33 23 00-0023	EA	10' x 7'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,388.27	316.48
			<i>For Insulated, Add</i>	1,363.95	
08 33 23 00-0024	EA	10' x 8'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,514.46	316.48
			<i>For Insulated, Add</i>	1,458.60	
08 33 23 00-0025	EA	10' x 10'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,719.68	356.04
			<i>For Insulated, Add</i>	1,559.16	
08 33 23 00-0026	EA	10' x 12'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,901.54	356.04
			<i>For Insulated, Add</i>	1,695.56	
08 33 23 00-0027	EA	12' x 7'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,632.63	356.04
			<i>For Insulated, Add</i>	1,493.87	
08 33 23 00-0028	EA	12' x 8'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	2,858.02	395.60
			<i>For Insulated, Add</i>	1,609.46	
08 33 23 00-0029	EA	12' x 10'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,202.03	494.50
			<i>For Insulated, Add</i>	1,733.95	
08 33 23 00-0030	EA	12' x 12'	24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,467.68	494.50
			<i>For Insulated, Add</i>	1,933.19	

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 00-0031	EA 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	3,440.01 1,912.44	494.50
08 33 23 00-0032	EA 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	3,744.31 2,140.66	494.50
08 33 23 00-0033	EA 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For Insulated, Add</i>	4,067.06 2,382.73	494.50
08 33 23 00-0034	22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001) Note: With curtain hood (barrel cover).		
08 33 23 00-0035	EA 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	1,854.00 206.90 344.83 1,070.09	237.36
08 33 23 00-0036	EA 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,031.55 227.59 379.31 1,176.51	257.14
08 33 23 00-0037	EA 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,162.25 241.25 402.09 1,247.80	276.92
08 33 23 00-0038	EA 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,047.89 230.04 383.40 1,188.77	257.14
08 33 23 00-0039	EA 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,240.85 253.04 421.74 1,306.75	276.92
08 33 23 00-0040	EA 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,460.82 274.18 456.97 1,418.37	316.48
08 33 23 00-0041	EA 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,973.60 339.24 565.40 1,749.59	356.04
08 33 23 00-0042	EA 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,486.48 404.29 673.82 2,080.81	395.60
08 33 23 00-0043	EA 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,210.36 254.41 424.02 1,310.62	257.14
08 33 23 00-0044	EA 8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,498.61 279.85 466.41 1,446.71	316.48
08 33 23 00-0045	EA 8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,811.13 302.99 504.99 1,574.29	395.60
08 33 23 00-0046	EA 8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,304.47 365.14 608.57 1,890.96	435.16
08 33 23 00-0047	EA 8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,798.14 427.28 712.14 2,207.63	474.71
08 33 23 00-0048	EA 10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	2,860.89 307.49 512.48 1,598.25	405.49
08 33 23 00-0049	EA 10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,267.43 341.77 569.61 1,783.00	494.50
08 33 23 00-0050	EA 10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,898.59 406.81 678.01 2,123.02	593.39
08 33 23 00-0051	EA 10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	4,569.68 471.85 786.41 2,466.03	712.07
08 33 23 00-0052	EA 10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,268.24 529.06 881.77 2,775.88	870.32
08 33 23 00-0053	EA 10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,806.73 586.27 977.12 3,073.72	949.44
08 33 23 00-0054	EA 10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,346.00 643.48 1,072.47 3,371.62	1,028.55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 00-0055 EA 10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,884.66 700.45 1,167.42 3,668.38	1,107.67
08 33 23 00-0056 EA 12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,243.35 344.06 573.44 1,791.54	474.71
08 33 23 00-0057 EA 12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	3,717.35 379.62 632.70 1,987.09	593.39
08 33 23 00-0058 EA 12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	4,449.67 465.75 776.25 2,429.61	672.51
08 33 23 00-0059 EA 12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,261.60 551.88 919.80 2,878.09	791.19
08 33 23 00-0060 EA 12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,071.99 626.06 1,043.43 3,272.67	949.44
08 33 23 00-0061 EA 12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,724.37 700.24 1,167.06 3,655.40	1,028.55
08 33 23 00-0062 EA 12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	7,457.42 774.42 1,290.69 4,044.18	1,147.23
08 33 23 00-0063 EA 12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 20 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	8,189.91 848.59 1,414.32 4,432.90	1,265.92
08 33 23 00-0064 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001) Note: With curtain hood (barrel cover)		
08 33 23 00-0065 EA 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	4,117.87 439.70 2,287.48	593.39
08 33 23 00-0066 EA 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	4,673.99 499.40 2,597.85	672.51
08 33 23 00-0067 EA 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,336.23 574.98 2,987.63	751.64
08 33 23 00-0068 EA 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,933.07 640.64 3,327.84	830.76
08 33 23 00-0069 EA 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,722.74 711.71 3,706.91	988.99
08 33 23 00-0070 EA 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	7,353.98 782.69 4,073.65	1,068.12
08 33 23 00-0071 EA 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	8,780.72 960.93 4,982.73	1,186.79
08 33 23 00-0072 EA 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	10,203.93 1,139.17 5,891.54	1,305.47
08 33 23 00-0073 EA 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,089.97 549.89 2,856.25	712.07
08 33 23 00-0074 EA 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	5,717.52 620.27 3,220.03	791.19
08 33 23 00-0075 EA 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	6,359.59 680.99 3,541.42	909.87
08 33 23 00-0076 EA 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	7,019.47 744.50 3,876.72	1,028.55
08 33 23 00-0077 EA 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	7,655.43 816.07 4,246.45	1,107.67
08 33 23 00-0078 EA 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	8,393.49 902.84 4,692.30	1,186.79
08 33 23 00-0079 EA 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	9,492.31 1,043.95 5,409.70	1,265.92
08 33 23 00-0080 EA 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i> <i>For Insulated, Add</i>	10,601.30 1,186.52 6,134.46	1,345.03

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 23 00-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	5,579.79	870.32
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	575.79	
		<i>For Insulated, Add</i>	3,009.55	
08 33 23 00-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,144.26	949.44
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	636.90	
		<i>For Insulated, Add</i>	3,326.87	
08 33 23 00-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,043.85	1,068.12
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	736.17	
		<i>For Insulated, Add</i>	3,841.05	
08 33 23 00-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,819.46	1,186.79
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	816.74	
		<i>For Insulated, Add</i>	4,261.78	
08 33 23 00-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,519.68	1,265.92
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	898.06	
		<i>For Insulated, Add</i>	4,680.23	
08 33 23 00-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,220.95	1,345.03
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	979.47	
		<i>For Insulated, Add</i>	5,099.19	
08 33 23 00-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,502.28	1,424.15
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	1,147.82	
		<i>For Insulated, Add</i>	5,952.87	
08 33 23 00-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,810.23	1,503.27
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	1,320.63	
		<i>For Insulated, Add</i>	6,828.58	
08 33 23 00-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	6,264.07	949.44
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	654.87	
		<i>For Insulated, Add</i>	3,416.73	
08 33 23 00-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,307.76	1,028.55
		<i>For 18 Gauge Galvanized Steel Overhead Coiling Door, Add</i>	787.75	
		<i>For Insulated, Add</i>	4,092.94	

08 33 23 00-0091 18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 00-0001)

Note: With curtain hood (barrel cover).

08 33 23 00-0092	EA	20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,683.98	1,147.23
		<i>For Insulated, Add</i>	4,964.10	
08 33 23 00-0093	EA	20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,834.37	1,226.35
		<i>For Insulated, Add</i>	5,719.27	
08 33 23 00-0094	EA	20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,158.09	1,305.47
		<i>For Insulated, Add</i>	6,604.84	
08 33 23 00-0095	EA	20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,645.42	1,384.60
		<i>For Insulated, Add</i>	7,614.12	
08 33 23 00-0096	EA	20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,138.88	1,463.71
		<i>For Insulated, Add</i>	8,629.10	
08 33 23 00-0097	EA	20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	15,663.67	1,542.83
		<i>For Insulated, Add</i>	9,664.85	
08 33 23 00-0098	EA	22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,003.03	1,028.55
		<i>For Insulated, Add</i>	3,864.39	
08 33 23 00-0099	EA	22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,213.37	1,107.67
		<i>For Insulated, Add</i>	4,664.91	
08 33 23 00-0100	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	9,692.12	1,226.35
		<i>For Insulated, Add</i>	5,612.59	
08 33 23 00-0101	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	11,198.74	1,305.47
		<i>For Insulated, Add</i>	6,637.65	
08 33 23 00-0102	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,715.96	1,384.60
		<i>For Insulated, Add</i>	7,667.02	
08 33 23 00-0103	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	14,392.58	1,463.71
		<i>For Insulated, Add</i>	8,819.37	
08 33 23 00-0104	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	16,078.67	1,542.83
		<i>For Insulated, Add</i>	9,976.10	
08 33 23 00-0105	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	17,750.85	1,621.95
		<i>For Insulated, Add</i>	11,124.38	
08 33 23 00-0106	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	7,677.80	1,107.67
		<i>For Insulated, Add</i>	4,263.23	
08 33 23 00-0107	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	8,556.13	1,186.79
		<i>For Insulated, Add</i>	4,814.28	
08 33 23 00-0108	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	10,505.03	1,305.47
		<i>For Insulated, Add</i>	6,117.37	
08 33 23 00-0109	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	12,196.54	1,384.60
		<i>For Insulated, Add</i>	7,277.46	
08 33 23 00-0110	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	13,815.64	1,463.71
		<i>For Insulated, Add</i>	8,386.67	
08 33 23 00-0111	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	15,602.00	1,542.83
		<i>For Insulated, Add</i>	9,618.60	
08 33 23 00-0112	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	17,689.25	1,621.95
		<i>For Insulated, Add</i>	11,078.18	
08 33 23 00-0113	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift.....	19,836.61	1,701.06
		<i>For Insulated, Add</i>	12,579.45	

08 33 23 00-0114 Aluminum Overhead Coiling Doors (Width x Height) (08 33 23)**08 33 23 00-0115 0.04" Aluminum Overhead Coiling Doors (08 33 23 00-0114)**

08 33 23 00-0116	EA	4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,463.06	237.36
08 33 23 00-0117	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,599.58	257.14
08 33 23 00-0118	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,000.76	276.92
08 33 23 00-0119	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,795.41	257.14
08 33 23 00-0120	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	1,954.90	276.92
08 33 23 00-0121	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,153.87	316.48

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

08 33 23 00-0122	EA	6' x 14', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,388.80	356.04
08 33 23 00-0123	EA	6' x 16', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,626.46	395.60
08 33 23 00-0124	EA	8' x 8', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	1,943.38	257.14
08 33 23 00-0125	EA	8' x 10', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,224.31	316.48
08 33 23 00-0126	EA	8' x 12', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,547.34	395.60
08 33 23 00-0127	EA	8' x 14', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,782.41	435.16
08 33 23 00-0128	EA	8' x 16', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	3,018.69	474.71
08 33 23 00-0129	EA	10' x 10', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,599.61	415.37
08 33 23 00-0130	EA	10' x 12', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,918.92	494.50
08 33 23 00-0131	EA	10' x 14', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	3,315.13	593.39
08 33 23 00-0132	EA	10' x 16', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	3,752.38	712.07
08 33 23 00-0133	EA	10' x 18', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	4,411.12	870.32
08 33 23 00-0134	EA	10' x 20', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	4,909.71	949.44
08 33 23 00-0135	EA	10' x 22', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	5,405.82	1,028.55
08 33 23 00-0136	EA	10' x 24', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	5,903.90	1,107.67
08 33 23 00-0137	EA	12' x 10', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	2,875.48	474.71
08 33 23 00-0138	EA	12' x 12', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	3,501.48	593.39
08 33 23 00-0139	EA	12' x 14', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	3,962.79	672.51
08 33 23 00-0140	EA	12' x 16', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	4,505.54	791.19
08 33 23 00-0141	EA	12' x 18', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	5,234.59	949.44
08 33 23 00-0142	EA	12' x 20', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	6,087.19	1,028.55
08 33 23 00-0143	EA	12' x 22', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	6,232.22	1,147.23
08 33 23 00-0144	EA	12' x 24', 0.04"	Aluminum Overhead Coiling Door, Chain Lift.....	6,658.81	1,265.92

08 33 23 00-0145 0.05" Aluminum Overhead Coiling Doors (08 33 23 00-0144)

08 33 23 00-0146	EA	14' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	3,351.28	593.39
08 33 23 00-0147	EA	14' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	3,942.33	672.51
08 33 23 00-0148	EA	14' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	4,523.42	751.64
08 33 23 00-0149	EA	14' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,064.25	830.76
08 33 23 00-0150	EA	14' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,795.10	988.99
08 33 23 00-0151	EA	14' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,368.16	1,068.12
08 33 23 00-0152	EA	14' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,030.63	1,186.79
08 33 23 00-0153	EA	14' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,689.66	1,305.47
08 33 23 00-0154	EA	16' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	3,979.46	712.07
08 33 23 00-0155	EA	16' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	4,595.09	791.19
08 33 23 00-0156	EA	16' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,266.59	909.87
08 33 23 00-0157	EA	16' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,953.92	1,028.55
08 33 23 00-0158	EA	16' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,609.79	1,107.67
08 33 23 00-0159	EA	16' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,304.75	1,186.79
08 33 23 00-0160	EA	16' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,967.51	1,265.92
08 33 23 00-0161	EA	16' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,590.98	1,345.03
08 33 23 00-0162	EA	18' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	4,579.67	870.32
08 33 23 00-0163	EA	18' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,233.74	949.44
08 33 23 00-0164	EA	18' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,026.66	1,068.12
08 33 23 00-0165	EA	18' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,810.31	1,186.79
08 33 23 00-0166	EA	18' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,521.76	1,265.92
08 33 23 00-0167	EA	18' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,228.50	1,345.03
08 33 23 00-0168	EA	18' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,934.44	1,424.15
08 33 23 00-0169	EA	18' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	9,642.43	1,503.27
08 33 23 00-0170	EA	20' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,121.02	949.44
08 33 23 00-0171	EA	20' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,787.40	1,028.55
08 33 23 00-0172	EA	20' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,475.16	1,147.23
08 33 23 00-0173	EA	20' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,186.79	1,226.35
08 33 23 00-0174	EA	20' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,911.66	1,305.47
08 33 23 00-0175	EA	20' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,649.03	1,384.60
08 33 23 00-0176	EA	20' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	9,400.33	1,463.71
08 33 23 00-0177	EA	20' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	10,175.59	1,542.83
08 33 23 00-0178	EA	22' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	5,851.45	1,028.55
08 33 23 00-0179	EA	22' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,661.01	1,107.67
08 33 23 00-0180	EA	22' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,543.04	1,226.35
08 33 23 00-0181	EA	22' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,497.17	1,305.47
08 33 23 00-0182	EA	22' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	9,524.52	1,384.60
08 33 23 00-0183	EA	22' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	10,624.19	1,463.71
08 33 23 00-0184	EA	22' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	11,795.24	1,542.83
08 33 23 00-0185	EA	22' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	13,038.75	1,621.95
08 33 23 00-0186	EA	24' x 10', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	6,406.11	1,107.67
08 33 23 00-0187	EA	24' x 12', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	7,186.79	1,186.79
08 33 23 00-0188	EA	24' x 14', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,011.66	1,265.92
08 33 23 00-0189	EA	24' x 16', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	8,892.91	1,345.03
08 33 23 00-0190	EA	24' x 18', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	9,831.66	1,424.15
08 33 23 00-0191	EA	24' x 20', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	10,831.00	1,503.27
08 33 23 00-0192	EA	24' x 22', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	11,895.82	1,582.39
08 33 23 00-0193	EA	24' x 24', 0.05"	Aluminum Overhead Coiling Door, Chain Lift.....	13,038.75	1,661.51

08 33 23 00-0194 Removal And Reinstallation Of Roll-Up Door And Support (08 33 23)

Note: Includes storage, cleaning and supply materials.

08 33 23 00-0195	SF	Remove And Reinstall Metal Roll-up Door And Supports.....	16.90
------------------	----	---	-------

08 33 23 00-0196 Overhead Coiling Door Accessories (08 33 23)

08 33 23 00-0197	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only.....	2.81	0.99
08 33 23 00-0198	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors.....	17.67	1.19
08 33 23 00-0199	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors.....	16.88	1.19

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 23 00-0200	EA	Cylinder Lock For Coiling Doors	179.80	49.45
08 33 23 00-0201	EA	Jackshaft Operator For Coiling Doors..... Note: Includes three button inside station controls and mounting hardware.	1,126.26	158.23
08 33 23 00-0202	EA	Remote Transmitter Kit For Coiling Door Operators	241.43	79.12

08 33 26 Overhead Coiling Grilles (08 33)

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.

08 33 26 00-0001 Steel Overhead Coiling Grilles (Width x Height) (08 33 26)

08 33 26 00-0002	EA	4' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,229.47	152.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	430.55	
		For Staggered Brick Pattern, Add	44.85	
		For Lexan Lattice Pattern, Add	269.09	
08 33 26 00-0003	EA	6' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,458.89	152.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	485.61	
		For Staggered Brick Pattern, Add	50.58	
		For Lexan Lattice Pattern, Add	303.51	
08 33 26 00-0004	EA	8' x 4', Steel Overhead Coiling Grilles, Manual Lift	2,835.63	203.22
		For Aluminum With Clear Or Anodized Bronze Finish, Add	541.19	
		For Staggered Brick Pattern, Add	56.37	
		For Lexan Lattice Pattern, Add	338.24	
08 33 26 00-0005	EA	12' x 4', Steel Overhead Coiling Grilles, Manual Lift	3,387.76	203.22
		For Aluminum With Clear Or Anodized Bronze Finish, Add	673.70	
		For Staggered Brick Pattern, Add	70.18	
		For Lexan Lattice Pattern, Add	421.06	
08 33 26 00-0006	EA	16' x 4', Steel Overhead Coiling Grilles, Manual Lift	4,582.63	304.87
		For Aluminum With Clear Or Anodized Bronze Finish, Add	890.78	
		For Staggered Brick Pattern, Add	92.79	
		For Lexan Lattice Pattern, Add	556.74	
08 33 26 00-0007	EA	20' x 4', Steel Overhead Coiling Grilles, Manual Lift	5,777.50	406.34
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,107.87	
		For Staggered Brick Pattern, Add	115.40	
		For Lexan Lattice Pattern, Add	692.42	
08 33 26 00-0008	EA	24' x 4', Steel Overhead Coiling Grilles, Manual Lift	7,214.39	487.79
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,396.44	
		For Staggered Brick Pattern, Add	145.46	
		For Lexan Lattice Pattern, Add	872.77	
08 33 26 00-0009	EA	30' x 4', Steel Overhead Coiling Grilles, Manual Lift	8,854.17	609.73
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,706.90	
		For Staggered Brick Pattern, Add	177.80	
		For Lexan Lattice Pattern, Add	1,066.81	
08 33 26 00-0010	EA	4' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,404.60	152.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	472.58	
		For Staggered Brick Pattern, Add	49.23	
		For Lexan Lattice Pattern, Add	295.36	
08 33 26 00-0011	EA	6' x 6', Steel Overhead Coiling Grilles, Manual Lift	2,734.11	152.43
		For Aluminum With Clear Or Anodized Bronze Finish, Add	551.66	
		For Staggered Brick Pattern, Add	57.46	
		For Lexan Lattice Pattern, Add	344.79	
08 33 26 00-0012	EA	8' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,073.65	203.30
		For Aluminum With Clear Or Anodized Bronze Finish, Add	598.31	
		For Staggered Brick Pattern, Add	62.32	
		For Lexan Lattice Pattern, Add	373.94	
08 33 26 00-0013	EA	12' x 6', Steel Overhead Coiling Grilles, Manual Lift	3,709.81	203.30
		For Aluminum With Clear Or Anodized Bronze Finish, Add	750.99	
		For Staggered Brick Pattern, Add	78.23	
		For Lexan Lattice Pattern, Add	469.37	
08 33 26 00-0014	EA	16' x 6', Steel Overhead Coiling Grilles, Manual Lift	5,034.35	304.87
		For Aluminum With Clear Or Anodized Bronze Finish, Add	999.19	
		For Staggered Brick Pattern, Add	104.08	
		For Lexan Lattice Pattern, Add	624.50	
08 33 26 00-0015	EA	20' x 6', Steel Overhead Coiling Grilles, Manual Lift	6,355.78	406.34
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,247.40	
		For Staggered Brick Pattern, Add	129.94	
		For Lexan Lattice Pattern, Add	779.62	
08 33 26 00-0016	EA	24' x 6', Steel Overhead Coiling Grilles, Manual Lift	7,967.79	487.79
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,577.25	
		For Staggered Brick Pattern, Add	164.30	
		For Lexan Lattice Pattern, Add	985.78	
08 33 26 00-0017	EA	30' x 6', Steel Overhead Coiling Grilles, Manual Lift	9,604.55	609.73
		For Aluminum With Clear Or Anodized Bronze Finish, Add	1,886.99	
		For Staggered Brick Pattern, Add	196.56	
		For Lexan Lattice Pattern, Add	1,179.37	
08 33 26 00-0018	EA	4' x 8', Steel Overhead Coiling Grilles, Manual Lift	2,753.25	182.92
		For Aluminum With Clear Or Anodized Bronze Finish, Add	535.45	
		For Staggered Brick Pattern, Add	55.78	
		For Lexan Lattice Pattern, Add	334.66	
08 33 26 00-0019	EA	6' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,151.33	182.92
		For Aluminum With Clear Or Anodized Bronze Finish, Add	630.99	
		For Staggered Brick Pattern, Add	65.73	
		For Lexan Lattice Pattern, Add	394.37	
08 33 26 00-0020	EA	8' x 8', Steel Overhead Coiling Grilles, Manual Lift	3,781.34	228.65
		For Aluminum With Clear Or Anodized Bronze Finish, Add	750.58	
		For Staggered Brick Pattern, Add	78.19	
		For Lexan Lattice Pattern, Add	469.11	
08 33 26 00-0021	EA	12' x 8', Steel Overhead Coiling Grilles, Manual Lift	4,355.44	228.65
		For Aluminum With Clear Or Anodized Bronze Finish, Add	888.36	
		For Staggered Brick Pattern, Add	92.54	
		For Lexan Lattice Pattern, Add	555.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0022	EA		16' x 8', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,930.14 1,171.97 122.08 732.48	365.84
08 33 26 00-0023	EA		20' x 8', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,368.87 1,455.58 151.62 909.74	457.29
08 33 26 00-0024	EA		24' x 8', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,323.10 1,861.56 193.91 1,163.47	548.76
08 33 26 00-0025	EA		30' x 8', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	11,366.52 2,269.52 236.41 1,418.45	670.70
08 33 26 00-0026	EA		4' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,041.78 604.70 62.99 377.94	182.92
08 33 26 00-0027	EA		6' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,569.37 731.32 76.18 457.07	182.92
08 33 26 00-0028	EA		8' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,245.67 862.49 89.84 539.05	228.65
08 33 26 00-0029	EA		12' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,964.65 1,035.04 107.82 646.90	228.65
08 33 26 00-0030	EA		16' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	6,729.24 1,363.75 142.06 852.35	365.84
08 33 26 00-0031	EA		20' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	8,355.87 1,692.46 176.30 1,057.79	457.29
08 33 26 00-0032	EA		24' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	10,515.60 2,147.76 223.72 1,342.35	548.76
08 33 26 00-0033	EA		30' x 10', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	13,207.87 2,711.45 282.44 1,694.66	670.70
08 33 26 00-0034	EA		4' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,372.20 684.00 71.25 427.50	182.92
08 33 26 00-0035	EA		6' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,467.84 706.95 73.64 441.84	182.92
08 33 26 00-0036	EA		8' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,215.69 854.82 89.04 534.26	228.65
08 33 26 00-0037	EA		12' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	5,653.42 1,199.88 124.99 749.92	228.65
08 33 26 00-0038	EA		16' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	7,858.85 1,634.86 170.30 1,021.79	365.84
08 33 26 00-0039	EA		20' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	9,928.30 2,069.84 215.61 1,293.65	457.29
08 33 26 00-0040	EA		24' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	12,043.73 2,514.51 261.93 1,571.57	548.76
08 33 26 00-0041	EA		30' x 12', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	15,027.14 3,148.07 327.92 1,967.55	670.70
08 33 26 00-0042	EA		4' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	3,963.17 825.83 86.02 516.14	182.92
08 33 26 00-0043	EA		6' x 14', Steel Overhead Coiling Grilles, Manual Lift <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	4,608.41 980.69 102.16 612.93	182.92

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 26 00-0044	EA	8' x 14', Steel Overhead Coiling Grilles, Manual Lift	5,390.51	228.65
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,137.25	
		<i>For Staggered Brick Pattern, Add</i>	118.46	
		<i>For Lexan Lattice Pattern, Add</i>	710.78	
08 33 26 00-0045	EA	12' x 14', Steel Overhead Coiling Grilles, Manual Lift	6,745.93	228.65
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,462.55	
		<i>For Staggered Brick Pattern, Add</i>	152.35	
		<i>For Lexan Lattice Pattern, Add</i>	914.09	
08 33 26 00-0046	EA	16' x 14', Steel Overhead Coiling Grilles, Manual Lift	8,985.90	365.84
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,905.35	
		<i>For Staggered Brick Pattern, Add</i>	198.47	
		<i>For Lexan Lattice Pattern, Add</i>	1,190.85	
08 33 26 00-0047	EA	20' x 14', Steel Overhead Coiling Grilles, Manual Lift	11,087.95	457.29
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,348.16	
		<i>For Staggered Brick Pattern, Add</i>	244.60	
		<i>For Lexan Lattice Pattern, Add</i>	1,467.60	
08 33 26 00-0048	EA	24' x 14', Steel Overhead Coiling Grilles, Manual Lift	13,247.74	548.76
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,803.47	
		<i>For Staggered Brick Pattern, Add</i>	292.03	
		<i>For Lexan Lattice Pattern, Add</i>	1,752.17	
08 33 26 00-0049	EA	30' x 14', Steel Overhead Coiling Grilles, Manual Lift	16,988.60	670.70
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	3,618.82	
		<i>For Staggered Brick Pattern, Add</i>	376.96	
		<i>For Lexan Lattice Pattern, Add</i>	2,261.76	
08 33 26 00-0050		Coiling Grilles Accessories (08 33 26)		
08 33 26 00-0051	EA	Add For Motor Operator	2,153.37	37.02
		Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 26 00-0052	LF	For Safety Edge Bottom Bar, Electric, Add	61.11	
08 33 26 00-0053	LF	For Overhead Framed Rolling Grille Supports	81.42	

08 33 36 Side Coiling Grilles (08 33)**08 33 36 00-0001 Steel Side Coiling Grilles (Width x Height) (08 33 36)**

08 33 36 00-0002	EA	12' x 8', Steel Side Coiling Grilles, Manually Operated	5,669.36	511.48
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,009.89	
		<i>For Staggered Brick Pattern, Add</i>	105.20	
		<i>For Lexan Lattice Pattern, Add</i>	631.18	
08 33 36 00-0003	EA	18' x 8', Steel Side Coiling Grilles, Manually Operated	8,055.51	657.03
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,482.78	
		<i>For Staggered Brick Pattern, Add</i>	154.46	
		<i>For Lexan Lattice Pattern, Add</i>	926.74	
08 33 36 00-0004	EA	24' x 8', Steel Side Coiling Grilles, Manually Operated	10,481.70	828.44
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,947.54	
		<i>For Staggered Brick Pattern, Add</i>	202.87	
		<i>For Lexan Lattice Pattern, Add</i>	1,217.21	
08 33 36 00-0005	EA	30' x 8', Steel Side Coiling Grilles, Manually Operated	12,757.60	914.59
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,434.42	
		<i>For Staggered Brick Pattern, Add</i>	253.59	
		<i>For Lexan Lattice Pattern, Add</i>	1,521.51	
08 33 36 00-0006	EA	12' x 10', Steel Side Coiling Grilles, Manually Operated	6,922.24	583.17
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,261.47	
		<i>For Staggered Brick Pattern, Add</i>	131.40	
		<i>For Lexan Lattice Pattern, Add</i>	788.42	
08 33 36 00-0007	EA	18' x 10', Steel Side Coiling Grilles, Manually Operated	9,868.65	749.01
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,854.59	
		<i>For Staggered Brick Pattern, Add</i>	193.19	
		<i>For Lexan Lattice Pattern, Add</i>	1,159.12	
08 33 36 00-0008	EA	24' x 10', Steel Side Coiling Grilles, Manually Operated	12,657.39	944.12
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,390.16	
		<i>For Staggered Brick Pattern, Add</i>	248.98	
		<i>For Lexan Lattice Pattern, Add</i>	1,493.85	
08 33 36 00-0009	EA	30' x 10', Steel Side Coiling Grilles, Manually Operated	15,666.81	1,042.63
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	3,042.14	
		<i>For Staggered Brick Pattern, Add</i>	316.89	
		<i>For Lexan Lattice Pattern, Add</i>	1,901.34	
08 33 36 00-0010	EA	12' x 12', Steel Side Coiling Grilles, Manually Operated	8,186.45	657.03
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,514.21	
		<i>For Staggered Brick Pattern, Add</i>	157.73	
		<i>For Lexan Lattice Pattern, Add</i>	946.38	
08 33 36 00-0011	EA	18' x 12', Steel Side Coiling Grilles, Manually Operated	11,677.75	843.86
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,221.97	
		<i>For Staggered Brick Pattern, Add</i>	231.45	
		<i>For Lexan Lattice Pattern, Add</i>	1,388.73	
08 33 36 00-0012	EA	24' x 12', Steel Side Coiling Grilles, Manually Operated	15,196.56	1,063.98
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,921.31	
		<i>For Staggered Brick Pattern, Add</i>	304.30	
		<i>For Lexan Lattice Pattern, Add</i>	1,825.82	
08 33 36 00-0013	EA	30' x 12', Steel Side Coiling Grilles, Manually Operated	18,570.46	1,173.73
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	3,651.63	
		<i>For Staggered Brick Pattern, Add</i>	380.38	
		<i>For Lexan Lattice Pattern, Add</i>	2,282.27	
08 33 36 00-0014	EA	12' x 14', Steel Side Coiling Grilles, Manually Operated	9,450.95	726.45
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,770.49	
		<i>For Staggered Brick Pattern, Add</i>	184.43	
		<i>For Lexan Lattice Pattern, Add</i>	1,106.56	

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

08 33 36 00-0015	EA		18' x 14', Steel Side Coiling Grilles, Manually Operated..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	13,495.76 2,593.77 270.18 1,621.10	932.88
08 33 36 00-0016	EA		24' x 14', Steel Side Coiling Grilles, Manually Operated..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	17,550.95 3,408.19 355.02 2,130.12	1,176.16
08 33 36 00-0017	EA		30' x 14', Steel Side Coiling Grilles, Manually Operated..... <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i> <i>For Lexan Lattice Pattern, Add</i>	21,451.49 4,258.03 443.54 2,661.27	1,298.72

08 33 39 High Speed Doors (08 33)

08 33 39 00-0001			2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39) Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 39 00-0002			2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0001)		
08 33 39 00-0003			6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0004	EA		6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,834.78	316.48
08 33 39 00-0005	EA		6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	8,981.02	329.93
08 33 39 00-0006	EA		6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,157.86	343.38
08 33 39 00-0007	EA		6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,380.60	356.83
08 33 39 00-0008	EA		6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,616.60	370.28
08 33 39 00-0009	EA		6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,011.72	383.73
08 33 39 00-0010	EA		6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,293.62	397.18
08 33 39 00-0011			7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0012	EA		7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,011.62	329.93
08 33 39 00-0013	EA		7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,196.62	343.38
08 33 39 00-0014	EA		7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,427.52	356.83
08 33 39 00-0015	EA		7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,671.68	370.28
08 33 39 00-0016	EA		7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,992.34	383.73
08 33 39 00-0017	EA		7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,378.28	397.18
08 33 39 00-0018	EA		7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,683.65	410.63
08 33 39 00-0019			8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0020	EA		8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,227.22	343.38
08 33 39 00-0021	EA		8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,457.10	356.83
08 33 39 00-0022	EA		8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,710.44	370.28
08 33 39 00-0023	EA		8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,040.28	383.73
08 33 39 00-0024	EA		8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,338.50	397.18
08 33 39 00-0025	EA		8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,758.11	410.63
08 33 39 00-0026	EA		8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,103.24	424.08
08 33 39 00-0027			9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0028	EA		9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,487.70	356.83
08 33 39 00-0029	EA		9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,740.02	370.28
08 33 39 00-0030	EA		9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,069.86	383.73
08 33 39 00-0031	EA		9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,377.26	397.18
08 33 39 00-0032	EA		9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,699.97	410.63
08 33 39 00-0033	EA		9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,034.90	424.08
08 33 39 00-0034	EA		9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,401.46	437.53
08 33 39 00-0035			10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0036	EA		10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	9,764.50	370.28
08 33 39 00-0037	EA		10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,100.46	383.73
08 33 39 00-0038	EA		10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,405.82	397.18
08 33 39 00-0039	EA		10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,730.57	410.63
08 33 39 00-0040	EA		10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,091.00	424.08
08 33 39 00-0041	EA		10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,461.64	437.53
08 33 39 00-0042	EA		10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,777.20	450.98
08 33 39 00-0043			11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0044	EA		11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,118.82	383.73
08 33 39 00-0045	EA		11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,431.32	397.18
08 33 39 00-0046	EA		11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,760.15	410.63

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 33 39 00-0047	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,121.60	424.08
08 33 39 00-0048	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,359.64	437.53
08 33 39 00-0049	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,828.20	450.98
08 33 39 00-0050	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,212.10	464.43
08 33 39 00-0051		12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 39 00-0002)		
08 33 39 00-0052	EA	12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,439.48	397.18
08 33 39 00-0053	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	10,777.49	410.63
08 33 39 00-0054	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,145.06	424.08
08 33 39 00-0055	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,392.28	437.53
08 33 39 00-0056	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	11,714.98	450.98
08 33 39 00-0057	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,254.94	464.43
08 33 39 00-0058	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	12,631.70	477.89
08 33 39 00-0059		Rytec® PredaDoor® Door Options (08 33 39 00-0001)		
08 33 39 00-0060	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	306.00	79.12
08 33 39 00-0061	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	510.00	79.12
08 33 39 00-0062	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	7.65	
08 33 39 00-0063		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0063) Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
08 33 39 00-0064		3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0063)		
08 33 39 00-0065		8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)		
08 33 39 00-0066	EA	8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	12,998.70	474.71
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0067	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	13,593.74	488.16
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0068	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,110.24	501.61
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0069	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	14,667.54	515.07
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0070	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,299.29	528.52
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0071	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	15,628.11	541.97
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0072	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,144.61	555.42
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 39 00-0073		9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)		
08 33 39 00-0074	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	13,593.74	488.16
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	

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

08 33 39 00-0075	EA 9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,110.24 675.00 1,100.00 2,750.00 3,300.00 4,950.00	501.61
08 33 39 00-0076	EA 9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,667.54 675.00 1,100.00 2,750.00 3,300.00 4,950.00	515.07
08 33 39 00-0077	EA 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,299.29 675.00 1,100.00 2,750.00 3,300.00 4,950.00	528.52
08 33 39 00-0078	EA 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,628.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	541.97
08 33 39 00-0079	EA 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,144.61 675.00 1,100.00 2,750.00 3,300.00 4,950.00	555.42
08 33 39 00-0080	EA 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,814.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	568.87

08 33 39 00-0081 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)

08 33 39 00-0082	EA 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,110.24 675.00 1,100.00 2,750.00 3,300.00 4,950.00	501.61
08 33 39 00-0083	EA 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	14,667.54 675.00 1,100.00 2,750.00 3,300.00 4,950.00	515.07
08 33 39 00-0084	EA 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,299.29 675.00 1,100.00 2,750.00 3,300.00 4,950.00	528.52
08 33 39 00-0085	EA 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	15,628.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	541.97
08 33 39 00-0086	EA 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,144.61 675.00 1,100.00 2,750.00 3,300.00 4,950.00	555.42
08 33 39 00-0087	EA 10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	16,814.11 675.00 1,100.00 2,750.00 3,300.00 4,950.00	568.87
08 33 39 00-0088	EA 10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	17,445.88 675.00 1,100.00 2,750.00 3,300.00 4,950.00	582.32

08 33 39 00-0089 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 39 00-0064)

08 Openings**08 30 Specialty Doors And Frames****08 33 Coiling Doors And Grilles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 39 00-0090	EA	11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	14,667.54	515.07
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0091	EA	11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,299.29	528.52
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0092	EA	11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,628.11	541.97
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0093	EA	11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,144.61	555.42
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0094	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,814.11	568.87
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0095	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,445.88	582.32
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0096	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,152.10	595.77
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	

08 33 39 00-0097 12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)

08 33 39 00-0098	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,299.29	528.52
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0099	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	15,628.11	541.97
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0100	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,144.61	555.42
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0101	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	16,814.11	568.87
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0102	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	17,445.88	582.32
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0103	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,152.10	595.77
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	
08 33 39 00-0104	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	18,658.40	609.22
		<i>For NEMA 4X Control Box, Add</i>	675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>	4,400.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>	6,600.00	

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

08 33 39 00-0105	13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 39 00-0064)</small>		
08 33 39 00-0106	EA 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,016.73	541.97
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0107	EA 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,680.11	555.42
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0108	EA 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	17,308.81	568.87
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0109	EA 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,040.54	582.32
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0110	EA 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,769.20	595.77
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0111	EA 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,308.14	609.22
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0112	EA 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,715.50	622.67
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0113	14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 39 00-0064)</small>		
08 33 39 00-0114	EA 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	16,680.11	555.42
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0115	EA 14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	17,308.81	568.87
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0116	EA 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,040.54	582.32
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0117	EA 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	18,769.20	595.77
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0118	EA 14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,308.14	609.22
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 39 00-0119	EA 14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	19,715.50	622.67
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	

08 Openings
08 30 Specialty Doors And Frames
08 33 Coiling Doors And Grilles

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 33 39 00-0120	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®) <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	20,324.82 675.00 1,100.00 2,750.00 5,480.00 7,370.00	636.12
08 33 39 00-0121 Rytec® Fast-Seal® Door Options (08 33 39 00-0063)				
08 33 39 00-0122	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	30.60	
08 33 39 00-0123	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	306.00	
08 33 39 00-0124	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	510.00	
08 33 39 00-0125	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	750.00	
08 33 39 00-0126	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	193.80	
08 33 39 00-0127	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	382.50	
		Note: Door must be at least 90" wide.		
08 33 39 00-0128	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	484.50	
		Note: Door must be at least 102" wide.		
08 33 39 00-0129	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	765.00	
		Note: Door must be at least 136" wide.		
08 33 39 00-0130	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	224.40	
08 33 39 00-0131	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	443.70	
		Note: Door must be at least 108" wide.		
08 33 39 00-0132	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	550.80	
		Note: Door must be at least 144" wide.		
08 33 39 00-0133	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	887.40	
		Note: Door must be at least 192" wide.		
08 33 39 00-0134 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 39)				
		Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weatherseal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 39 00-0135 Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®) (08 33 39 00-0134)				
08 33 39 00-0136 8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)				
08 33 39 00-0137	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	18,526.36	632.96
08 33 39 00-0138	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,064.27	646.41
08 33 39 00-0139	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,602.19	659.86
08 33 39 00-0140	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,140.11	673.31
08 33 39 00-0141	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,678.03	686.76
08 33 39 00-0142	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,215.95	700.21
08 33 39 00-0143	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,774.89	713.66
08 33 39 00-0144 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)				
08 33 39 00-0145	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,064.27	646.41
08 33 39 00-0146	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,602.19	659.86
08 33 39 00-0147	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,140.11	673.31
08 33 39 00-0148	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,678.03	686.76
08 33 39 00-0149	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,215.95	700.21
08 33 39 00-0150	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,753.87	713.66
08 33 39 00-0151	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,312.81	727.11
08 33 39 00-0152 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)				
08 33 39 00-0153	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	19,602.19	659.86
08 33 39 00-0154	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,140.11	673.31
08 33 39 00-0155	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,678.03	686.76
08 33 39 00-0156	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,215.95	700.21
08 33 39 00-0157	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,753.87	713.66
08 33 39 00-0158	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	22,291.79	727.11
08 33 39 00-0159	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	23,850.73	740.56
08 33 39 00-0160 11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)				
08 33 39 00-0161	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,140.11	673.31
08 33 39 00-0162	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	20,678.03	686.76
08 33 39 00-0163	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,215.95	700.21
08 33 39 00-0164	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	21,753.87	713.66

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

08 33 39 00-0165	EA			11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,291.79	727.11
08 33 39 00-0166	EA			11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,829.71	740.56
08 33 39 00-0167	EA			11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,387.64	754.01

08 33 39 00-0168 12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)

08 33 39 00-0169	EA			12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	20,678.03	686.76
08 33 39 00-0170	EA			12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,215.95	700.21
08 33 39 00-0171	EA			12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,753.87	713.66
08 33 39 00-0172	EA			12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,291.79	727.11
08 33 39 00-0173	EA			12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,829.71	740.56
08 33 39 00-0174	EA			12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,367.64	754.01
08 33 39 00-0175	EA			12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,926.58	767.46

08 33 39 00-0176 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)

08 33 39 00-0177	EA			13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,215.95	700.21
08 33 39 00-0178	EA			13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	21,753.87	713.66
08 33 39 00-0179	EA			13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,291.79	727.11
08 33 39 00-0180	EA			13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,829.71	740.56
08 33 39 00-0181	EA			13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,367.64	754.01
08 33 39 00-0182	EA			13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,905.56	767.46
08 33 39 00-0183	EA			13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,464.50	780.91

08 33 39 00-0184 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 39 00-0135)

08 33 39 00-0185	EA			14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	22,774.89	713.66
08 33 39 00-0186	EA			14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,312.81	727.11
08 33 39 00-0187	EA			14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	23,850.73	740.56
08 33 39 00-0188	EA			14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,387.64	754.01
08 33 39 00-0189	EA			14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	24,926.58	767.46
08 33 39 00-0190	EA			14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,464.50	780.91
08 33 39 00-0191	EA			14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	25,997.32	794.36

08 33 39 00-0192 Rytec® Spiral® Door Options (08 33 39 00-0134)

08 33 39 00-0193	EA			Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	306.00	
				Note: Per door price.		
08 33 39 00-0194	EA			Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	204.00	
				Note: Maximum of 4 per door.		
08 33 39 00-0195	EA			>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	306.00	
				Note: Maximum of 4 per door.		
08 33 39 00-0196	EA			Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.....	589.12	39.56
08 33 39 00-0197	EA			Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	1,688.23	79.12
08 33 39 00-0198	EA			>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	3,014.23	79.12
08 33 39 00-0199	EA			>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	3,422.23	79.12

08 33 39 00-0200 Activation And Control Box Options For High Speed Doors (08 33 39)

08 33 39 00-0201	EA			Pull Cord For High-Speed Rolling Doors.....	155.62	39.56
08 33 39 00-0202	EA			Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	116.06	19.78
08 33 39 00-0203	EA			NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	141.56	19.78
08 33 39 00-0204	EA			On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	151.76	19.78
08 33 39 00-0205	EA			Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	269.06	19.78
08 33 39 00-0206	EA			Radio Control For High-Speed Rolling Doors.....	424.68	35.60
				Note: Includes one receiver and two transmitters.		
08 33 39 00-0207	EA			Floor Loop For High-Speed Rolling Doors.....	582.92	
				Note: Excludes sealant.		
08 33 39 00-0208	EA			Reflective Type Photo Eye For High-Speed Rolling Doors.....	368.68	35.60
08 33 39 00-0209	EA			Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	475.68	35.60
08 33 39 00-0210	EA			Motion Detector For High-Speed Rolling Doors.....	404.47	23.74
08 33 39 00-0211	EA			Remote Warning Horn For High-Speed Rolling Doors.....	283.12	39.56
				Note: Includes wall box and mounting hardware.		
08 33 39 00-0212	EA			Remote Strobe Light For High-Speed Rolling Doors.....	385.12	39.56
				Note: Includes wall box and mounting hardware.		
08 33 39 00-0213	EA			Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	436.12	39.56
				Note: Includes wall box and mounting hardware.		
08 33 39 00-0214	EA			Red And Green Red Light For High-Speed Rolling Doors.....	538.12	39.56
				Note: Includes mounting hardware.		

08 33 43 Overhead Coiling Smoke Curtains (08 33)

08 33 43 00-0001 Elevator Smoke Guard (08 33 43)

08 33 43 00-0002	EA			Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400).....	8,086.93	511.48
08 33 43 00-0003	EA			Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400).....	8,367.40	511.48
08 33 43 00-0004	EA			Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400).....	8,647.88	511.48

08 34 Special Function Doors (08 30)

08 Openings**08 30 Specialty Doors And Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 34 13 Cold Storage Doors (08 34)**08 34 13 00-0001 Vertical Sliding Doors (08 34 13)**

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0002	EA	7'-0" x 8'-0" Single Leaf Vertical Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	5,937.57	666.01
		<i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	332.36	
08 34 13 00-0003	EA	7'-0" x 9'-0" Bi-Pass Vertical Sliding Cold Storage Door, Filled With 4" F.I.P. Polyurethane.....	7,619.19	845.53
		<i>For Adjusting Height Of Door To Fit Opening <7' Height, Add</i>	422.76	

08 34 13 00-0004 Horizontal Sliding Doors (08 34 13)

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0005	EA	6'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	4,770.46	531.92
08 34 13 00-0006	EA	7'-0" x 9'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	5,375.78	599.81
08 34 13 00-0007	EA	7'-0" x 9'-0" Bi-Parting Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	6,945.00	790.48
08 34 13 00-0008	EA	5'-0" x 7'-0" Single Leaf Horizontal Sliding Cold Storage, Filled With 4" F.I.P. Polyurethane.....	4,152.60	483.30

08 34 13 00-0009 Horizontal Hinge Type (08 34 13)

Note: Doors to be filled with 4" F.I.P. polyurethane.

08 34 13 00-0010	EA	3'-0" x 7'-0" Swinging Cold Storage Door, Filled With 4" F.I.P. Polyurethane	2,809.26	314.37
------------------	----	--	----------	--------

08 34 16 Hangar Doors (08 34)

08 34 16 00-0001	SF	70' To 120' Wide X To 20' High Hanger Door 25' Panels.....	45.92	13.42
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0002	SF	120' To 180' Wide X To 20' High Hanger Door 25' Panels.....	41.68	13.42
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0003	SF	120' To 180' Wide X 20-40' High Hanger Door 25' Panels.....	41.22	2.88
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0004	SF	120' To 180' Wide X 40-60' High Hanger Door 25' Panels.....	42.05	1.91
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0005	SF	120' To 180' Wide X 60-80' High Hanger Door 25' Panels.....	44.04	1.91
		Note: Includes motorized opener and special hardware.		
08 34 16 00-0006	SF	120' To 180' Wide x >80' High Hanger Door 25' Panels	68.20	1.91
		Note: Includes motorized opener and special hardware.		

08 34 23 Sidewalk and Basement Doors (08 34)**08 34 23 00-0001 Drainage Doors (08 34 23)****08 34 23 00-0002 Single Leaf Aluminum Drainage Doors (08 34 23 00-0001)**

Note: Bilco - J Series.

08 34 23 00-0003	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	969.95	140.91
08 34 23 00-0004	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,196.23	147.24
08 34 23 00-0005	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,271.09	150.40
08 34 23 00-0006	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,403.35	153.57
08 34 23 00-0007	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,638.36	161.49
08 34 23 00-0008	EA	2' 6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,671.08	157.76
08 34 23 00-0009	EA	3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,861.50	161.49
08 34 23 00-0010	EA	2' 6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,943.56	165.20
08 34 23 00-0011	EA	3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,134.00	168.92
08 34 23 00-0012	EA	3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,479.77	178.41

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0014	EA	4' x 2' 6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	1,989.86	157.76
08 34 23 00-0015	EA	4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,089.37	168.92
08 34 23 00-0016	EA	4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,653.41	187.90
08 34 23 00-0017	EA	5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door.....	2,729.92	187.90

08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA	4' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,562.88	140.91
08 34 23 00-0020	EA	2' 6" x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	1,827.41	147.24
08 34 23 00-0021	EA	3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	1,991.56	150.40
08 34 23 00-0022	EA	3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,257.71	153.57
08 34 23 00-0023	EA	3' 6" x 3' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,613.85	161.49

08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA	4' x 2' 6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	2,614.67	157.76
08 34 23 00-0026	EA	4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	3,504.76	168.92
08 34 23 00-0027	EA	4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,993.26	187.90
08 34 23 00-0028	EA	5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door	4,699.98	187.90

08 34 23 00-0029 Single Leaf Steel Drainage Doors (08 34 23 00-0001)

Note: Bilco - J Series.

08 34 23 00-0030	EA	2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door	1,107.82	140.91
08 34 23 00-0031	EA	2' 6" x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,163.82	147.24
08 34 23 00-0032	EA	3' x 2' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,294.73	150.40

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 34 23 00-0033	EA	3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,432.31	153.57
08 34 23 00-0034	EA	3' 6" x 3' 6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,663.33	161.49
08 34 23 00-0035	EA	2' 6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,584.74	157.76
08 34 23 00-0036	EA	3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,802.79	161.49
08 34 23 00-0037	EA	2' 6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,795.06	165.20
08 34 23 00-0038	EA	3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,999.85	168.92
08 34 23 00-0039	EA	3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,133.63	178.41
08 34 23 00-0040 Double Leaf Steel Drainage Doors (08 34 23 00-0001)				
Note: Bilco - JD Series.				
08 34 23 00-0041	EA	4' x 2' 6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	1,943.37	157.76
08 34 23 00-0042	EA	4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,039.70	168.92
08 34 23 00-0043	EA	4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,539.71	187.90
08 34 23 00-0044	EA	5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door	2,612.77	187.90
08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors (08 34 23 00-0001)				
Note: Bilco - J H2O Series.				
08 34 23 00-0046	EA	2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,878.20	140.91
08 34 23 00-0047	EA	2' 6" x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	1,987.33	147.24
08 34 23 00-0048	EA	3' x 2' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,058.50	150.40
08 34 23 00-0049	EA	3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	2,421.88	153.57
08 34 23 00-0050	EA	3' 6" x 3' 6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	2,852.14	161.49
08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors (08 34 23 00-0001)				
Note: Bilco - JD H2O Series.				
08 34 23 00-0052	EA	4' x 2' 6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	3,138.80	157.76
08 34 23 00-0053	EA	4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	3,507.41	168.92
08 34 23 00-0054	EA	4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door	5,202.86	187.90
08 34 23 00-0055	EA	5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	5,070.03	187.90
08 34 23 00-0056 Single Leaf Aluminum Drainage Door (08 34 23 00-0001)				
Note: Bilco - J-R (Odor Resistant).				
08 34 23 00-0057	EA	2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	927.15	140.91
08 34 23 00-0058	EA	2' 6" x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	1,094.09	147.24
08 34 23 00-0059	EA	3' x 2' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,158.58	150.40
08 34 23 00-0060	EA	3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant	1,224.23	153.57
08 34 23 00-0061	EA	3' 6" x 3' 6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	1,380.88	161.49
08 34 23 00-0062 Non-Drainage Doors (08 34 23)				
08 34 23 00-0063 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
Note: Bilco - Q Series.				
08 34 23 00-0064	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	931.76	140.91
08 34 23 00-0065	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,132.47	147.24
08 34 23 00-0066	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,213.76	150.40
08 34 23 00-0067	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,263.12	153.57
08 34 23 00-0068	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	1,593.73	161.49
08 34 23 00-0069	EA	2' 6" x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,435.21	157.76
08 34 23 00-0070	EA	3' x 4' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,606.48	161.49
08 34 23 00-0071	EA	2' 6" x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,803.21	165.20
08 34 23 00-0072	EA	3' x 5' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,910.92	168.92
08 34 23 00-0073	EA	3' x 6' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,173.96	178.41
08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
Note: Bilco - K Series.				
08 34 23 00-0075	EA	2' x 2' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	759.62	140.91
08 34 23 00-0076	EA	2' 6" x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	915.70	147.24
08 34 23 00-0077	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,016.11	150.40
08 34 23 00-0078	EA	3' x 3' Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,084.60	153.57
08 34 23 00-0079	EA	3' 6" x 3' 6" Single Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	1,262.20	161.49
08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
Note: Bilco - QD Series.				
08 34 23 00-0081	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door.....	1,830.50	157.76
08 34 23 00-0082 Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
Note: Bilco - KD Series.				
08 34 23 00-0083	EA	4' x 4' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,751.53	168.92
08 34 23 00-0084	EA	4' x 6' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,468.60	187.90
08 34 23 00-0085	EA	5' x 5' Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	2,519.61	187.90
08 34 23 00-0086 Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
Note: Bilco - T Series.				
08 34 23 00-0087	EA	2' x 2' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	836.13	140.91
08 34 23 00-0088	EA	2'-6" x 2'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	979.46	147.24
08 34 23 00-0089	EA	3' x 2' 6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	1,047.99	150.40
08 34 23 00-0090	EA	3' x 3' Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,148.36	153.57

08 Openings
08 30 Specialty Doors And Frames
08 34 Special Function Doors

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 34 23 00-0091	EA	3'-6" x 3'-6" Single Leaf Aluminum Non Drainage Door, Floor Installation For Covering	1,345.08		161.49
08 34 23 00-0092		Double Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - TD Series.			
08 34 23 00-0093	EA	4' x 4' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	1,859.91		168.92
08 34 23 00-0094	EA	4' x 6' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	2,602.49		187.90
08 34 23 00-0095	EA	5' x 5' Double Leaf Aluminum Non Drainage Door, Floor Installation For Covering.....	2,640.74		187.90
08 34 23 00-0096		Single Leaf Steel Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - Q Series.			
08 34 23 00-0097	EA	2' x 2' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	762.54		140.91
08 34 23 00-0098	EA	2'-6" x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	851.68		147.24
08 34 23 00-0099	EA	3' x 2'-6" Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	956.08		150.40
08 34 23 00-0100	EA	3' x 3' Single Leaf Steel Non Drainage Floor, Vault Or Sidewalk Door	1,013.94		153.57
08 34 23 00-0101		Double Leaf Steel Non-Drainage Doors (08 34 23 00-0062) Note: Bilco - QD Series.			
08 34 23 00-0102	EA	4' x 2' 6" Double Leaf Aluminum Non Drainage Floor, Vault Or Sidewalk Door	1,524.97		157.76
08 34 23 00-0103		Basement Doors (08 34 23) Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.			
08 34 23 00-0104	EA	45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal (Bilco Classic Series).....	1,055.56		178.02
08 34 23 00-0105	EA	30" High x 47" Wide x 58" Long, Basement Door (Bilco Classic Series).....	874.16		134.90
08 34 23 00-0106	EA	22" High x 51" Wide x 64" Long, Basement Door (Bilco Classic Series).....	910.37		148.35
08 34 23 00-0107	EA	19-1/2" High x 55" Wide x 72" Long, Basement Door (Bilco Classic Series)	972.67		158.23
08 34 23 00-0108	EA	52" High x 51" Wide x 43-1/4" Long, Basement Door (Bilco Classic Series)	1,077.31		178.02
08 34 49 Radiation Shielding Doors And Frames					
08 34 49 13 Neutron Shielding Doors And Frames					
08 34 49 13-0001 Lead Lined Doors And Frames					
08 34 49 13-0002	SF	1/16" Thick Laminated Lead In Wood Door	43.70		7.91
08 34 49 13-0003	SF	1/8" Thick Laminated Lead In Wood Door	50.88		7.91
08 34 49 13-0004	LF	1/16" Thick Lead Lined Door Frame	43.97		7.91
08 34 49 13-0005	LF	1/8" Thick Lead Lined Door Frame	46.36		7.91
08 34 53 Security Doors And Frames					
08 34 53 00-0001 Metal Security Doors, Bullet Resistant					
		Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.			
08 34 53 00-0002	SF	Metal Security Door	44.35		7.15
08 34 53 00-0003	EA	Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door.....	1,788.52		356.69
08 34 53 00-0004	EA	Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door.....	2,098.51		378.64
08 34 53 00-0005 Metal Security Doors					
		Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.			
08 34 53 00-0006	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O).....	661.93		65.33
		Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.			
08 34 53 00-0007	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O).....	661.93		65.33
		Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.			
08 34 53 00-0008	EA	Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O).....	927.58		65.33
		Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.			
08 34 56 Security Gates					
08 34 56 00-0001 Pivoting Double Folding Gate					
		Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.			
08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	739.37		150.53
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	830.13		169.34
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	894.33		188.16
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	985.08		206.97
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	836.01		152.40
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	900.36		171.22
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	987.31		190.04
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,055.68		208.85
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	879.61		154.29
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	943.74		173.10
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	995.83		182.51
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,048.11		191.92
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,118.97		210.74
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	963.13		156.17
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,027.06		174.99
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate	1,085.74		184.40
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,158.33		193.80
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate	1,262.02		212.61
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate	1,090.30		159.93
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate	1,171.21		180.63

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

08 34 56 00-0022	EA		16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,260.15	191.92
08 34 56 00-0023	EA		16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,312.09	197.57

08 34 56 00-0024 Pivoting Single Folding Gate (08 34 56)

Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.

08 34 56 00-0025	EA		5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	502.97	105.36
08 34 56 00-0026	EA		5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	537.05	109.13
08 34 56 00-0027	EA		5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	571.13	112.89
08 34 56 00-0028	EA		5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	612.77	120.42
08 34 56 00-0029	EA		5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	641.09	127.95
08 34 56 00-0030	EA		6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	536.94	109.13
08 34 56 00-0031	EA		6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	571.18	112.89
08 34 56 00-0032	EA		6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	605.28	116.66
08 34 56 00-0033	EA		6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	646.87	124.19
08 34 56 00-0034	EA		6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	675.37	131.71
08 34 56 00-0035	EA		7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	584.30	112.89
08 34 56 00-0036	EA		7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	618.56	116.66
08 34 56 00-0037	EA		7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	652.60	120.42
08 34 56 00-0038	EA		7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	694.31	127.95
08 34 56 00-0039	EA		7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	736.11	135.47

08 34 56 00-0040 Window Gates, Expands From 2' To 4' (08 34 56)

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0041	EA		33" High Window Gate, Up To 4' Wide Opening.....	204.03	41.40
08 34 56 00-0042	EA		37" High Window Gate, Up To 4' Wide Opening.....	211.56	45.15
08 34 56 00-0043	EA		40" High Window Gate, Up To 4' Wide Opening.....	211.56	45.15
08 34 56 00-0044	EA		43" High Window Gate, Up To 4' Wide Opening.....	219.61	48.92
08 34 56 00-0045	EA		46" High Window Gate, Up To 4' Wide Opening.....	219.61	48.92
08 34 56 00-0046	EA		49" High Window Gate, Up To 4' Wide Opening.....	227.13	52.68
08 34 56 00-0047	EA		51" High Window Gate, Up To 4' Wide Opening.....	227.14	52.68
08 34 56 00-0048	EA		53" High Window Gate, Up To 4' Wide Opening.....	234.66	56.45
08 34 56 00-0049	EA		55" High Window Gate, Up To 4' Wide Opening.....	234.66	56.45
08 34 56 00-0050	EA		57" High Window Gate, Up To 4' Wide Opening.....	242.19	60.21
08 34 56 00-0051	EA		59" High Window Gate, Up To 4' Wide Opening.....	242.19	60.21

08 34 56 00-0052 Pivoting Door Gate, Expands From 2' To 4' (08 34 56)

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0053	EA		61" High Pivoting Door Gate, Up To 4' Wide Opening.....	249.72	63.97
08 34 56 00-0054	EA		63" High Pivoting Door Gate, Up To 4' Wide Opening.....	251.34	63.97
08 34 56 00-0055	EA		66" High Pivoting Door Gate, Up To 4' Wide Opening.....	261.02	67.74
08 34 56 00-0056	EA		71" High Pivoting Door Gate, Up To 4' Wide Opening.....	270.69	71.50
08 34 56 00-0057	EA		73" High Pivoting Door Gate, Up To 4' Wide Opening.....	272.84	71.50
08 34 56 00-0058	EA		76" High Pivoting Door Gate, Up To 4' Wide Opening.....	282.53	75.26
08 34 56 00-0059	EA		79" High Pivoting Door Gate, Up To 4' Wide Opening.....	284.68	75.26
08 34 56 00-0060	EA		81" High Pivoting Door Gate, Up To 4' Wide Opening.....	293.69	79.02
08 34 56 00-0061	EA		83" High Pivoting Door Gate, Up To 4' Wide Opening.....	296.51	79.02

08 34 73 Sound Control Door Assemblies (08 34)

08 34 73 00-0001 Acoustical Doors And Frames (08 34 73)

08 34 73 00-0002 Steel Acoustical Doors And Frames (08 34 73 00-0001)

08 34 73 00-0003 Steel Acoustical Doors (08 34 73 00-0002)

Note: Includes hinges.

08 34 73 00-0004	EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....		2,027.34	47.47
		<i>For 60 Minutes Fire Rated, Add</i>		116.72	
		<i>For 3' x 33" Vision Lite, Add</i>		811.07	
		<i>For 20" x 64" Vision Lite, Add</i>		867.93	
08 34 73 00-0005	EA	3'-6" x 7', 14 Gauge, STC 52, Steel Acoustical Door (Unrated).....		2,148.02	49.45
		<i>For 60 Minutes Fire Rated, Add</i>		116.72	
		<i>For 3' x 33" Vision Lite, Add</i>		811.07	
		<i>For 20" x 64" Vision Lite, Add</i>		867.93	
08 34 73 00-0006	EA	4' x 7', 14 Gauge, STC 53, Steel Acoustical Door (Unrated).....		2,272.65	53.41
		<i>For 60 Minutes Fire Rated, Add</i>		116.72	
		<i>For 3' x 33" Vision Lite, Add</i>		811.07	
		<i>For 20" x 64" Vision Lite, Add</i>		867.93	
08 34 73 00-0007	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated).....		4,045.18	90.20
		<i>For 1 Hour Fire Rated, Add</i>		233.44	
		<i>For 3' x 33" Windows, Add</i>		1,622.14	
		<i>For 20" x 64" Windows, Add</i>		1,735.86	

08 34 73 00-0008 Steel Acoustical Door Frames (08 34 73 00-0002)

08 34 73 00-0009	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,672.62	79.12
08 34 73 00-0010	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,715.52	79.12
08 34 73 00-0011	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,758.42	79.12
08 34 73 00-0012	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,801.32	79.12
08 34 73 00-0013	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,911.92	87.04
08 34 73 00-0014	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		1,959.81	87.04
08 34 73 00-0015	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		2,002.70	87.04
08 34 73 00-0016	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....		2,055.91	87.04

08 Openings**08 30 Specialty Doors And Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 34 73 00-0017	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,154.27	90.99
08 34 73 00-0018	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,197.17	90.99
08 34 73 00-0019	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,240.07	90.99
08 34 73 00-0020	EA	4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	2,287.95	90.99
08 34 73 00-0021	EA	6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,795.16	102.85
08 34 73 00-0022	EA	6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,836.06	102.85
08 34 73 00-0023	EA	6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,879.96	102.85
08 34 73 00-0024	EA	6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion.....	3,924.85	102.85

08 34 73 00-0025 Wood Acoustical Door Systems, Prefinished (08 34 73 00-0001)

Note: Includes the door, frame, hinges and seals.

08 34 73 00-0026	EA	3' x 7', STC 41, Wood Acoustical Door System (Unrated)	2,058.38	142.42
08 34 73 00-0027	EA	3' x 7', STC 49, Wood Acoustical Door System (Unrated)	2,806.60	142.42

08 35 Folding Doors And Grilles (08 30)**08 35 13 Folding Doors (08 35)****08 35 13 13 Accordion Folding Doors (08 35 13)****08 35 13 13-0001 Accordion Folding Doors (08 35 13 13)**

Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Vinyl Covered Steel Accordion Doors, Two Layers.....	19.00	7.91
		<i>For Fire Retardant, Add</i>	2.97	
08 35 13 13-0003	SF	Woven Mahogany/Vinyl Accordion Door.....	13.18	7.91
		<i>For Fire Retardant, Add</i>	1.51	
08 35 13 13-0004	SF	Economy Vinyl Accordion Door.....	13.22	7.91
		<i>For Fire Retardant, Add</i>	1.52	
08 35 13 13-0005	SF	Rigid Polyvinyl Chloride (PVC) Accordion Door.....	14.65	7.91
		<i>For Fire Retardant, Add</i>	1.88	

08 36 Panel Doors (08 30)**08 36 13 Sectional Doors (08 36)****08 36 13 00-0001 Sectional Wood Overhead Doors (08 36 13)****08 36 13 00-0002 Wood Sectional Overhead Doors (08 36 13 00-0001)**

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift	2,084.92	316.48
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift	2,594.47	351.29
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift	3,311.69	420.91
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift	4,778.44	487.38
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift	5,130.45	632.96
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift	4,878.40	791.19
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift	8,922.62	1,054.67

08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors (08 36 13 00-0001)

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift.....	1,076.51	158.23
		<i>For Hardboard Face, Add</i>	115.00	
		<i>For Insulation, Add</i>	117.00	
		<i>For Motor Operator With Remote Controls, Add</i>	384.74	
		<i>For Each Glass Vision Panel In Door, Add</i>	50.00	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift.....	1,700.81	158.23
		<i>For Hardboard Face, Add</i>	115.00	
		<i>For Insulation, Add</i>	117.00	
		<i>For Motor Operator With Remote Controls, Add</i>	408.26	
		<i>For Each Glass Vision Panel In Door, Add</i>	50.00	

08 36 13 00-0013 Sectional Metal Overhead Doors (08 36 13)

Note: Includes tracks and all hardware.

08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)**08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014)**

Note: Includes 2" door, tracks and hardware. Excludes frame.

08 36 13 00-0016	EA	8' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,033.04	276.92
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	69.48	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	119.80	
		<i>For Aluminum, Mill Finish, Add</i>	54.63	
		<i>For Aluminum, Anodized Finish, Add</i>	152.86	
08 36 13 00-0017	EA	8' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,211.46	316.48
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	83.88	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	144.63	
		<i>For Aluminum, Mill Finish, Add</i>	65.95	
		<i>For Aluminum, Anodized Finish, Add</i>	184.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0018 EA 8' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,498.49	395.60
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	102.56	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	176.83	
For Aluminum, Mill Finish, Add	80.63	
For Aluminum, Anodized Finish, Add	225.63	
08 36 13 00-0019 EA 10' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,167.24	316.48
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	77.47	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	133.57	
For Aluminum, Mill Finish, Add	60.91	
For Aluminum, Anodized Finish, Add	170.44	
08 36 13 00-0020 EA 10' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,441.85	395.60
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	94.35	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	162.67	
For Aluminum, Mill Finish, Add	74.18	
For Aluminum, Anodized Finish, Add	207.56	
08 36 13 00-0021 EA 10' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,824.30	514.28
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	115.38	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	198.94	
For Aluminum, Mill Finish, Add	90.72	
For Aluminum, Anodized Finish, Add	253.84	
08 36 13 00-0022 EA 10' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,171.86	632.96
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	131.36	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	226.49	
For Aluminum, Mill Finish, Add	103.28	
For Aluminum, Anodized Finish, Add	288.99	
08 36 13 00-0023 EA 12' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,404.62	395.60
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	88.95	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	153.36	
For Aluminum, Mill Finish, Add	69.93	
For Aluminum, Anodized Finish, Add	195.68	
08 36 13 00-0024 EA 12' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,768.44	514.28
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	107.28	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	184.97	
For Aluminum, Mill Finish, Add	84.35	
For Aluminum, Anodized Finish, Add	236.02	
08 36 13 00-0025 EA 12' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,161.76	632.96
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	129.90	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	223.96	
For Aluminum, Mill Finish, Add	102.13	
For Aluminum, Anodized Finish, Add	285.77	
08 36 13 00-0026 EA 12' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,553.52	751.64
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	152.29	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	262.56	
For Aluminum, Mill Finish, Add	119.73	
For Aluminum, Anodized Finish, Add	335.03	
08 36 13 00-0027 EA 12' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,055.43	909.87
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	179.18	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	308.92	
For Aluminum, Mill Finish, Add	140.87	
For Aluminum, Anodized Finish, Add	394.19	
08 36 13 00-0028 EA 14' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,694.74	514.28
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	96.60	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	166.55	
For Aluminum, Mill Finish, Add	75.95	
For Aluminum, Anodized Finish, Add	212.51	
08 36 13 00-0029 EA 14' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,084.95	632.96
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	118.76	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	204.76	
For Aluminum, Mill Finish, Add	93.37	
For Aluminum, Anodized Finish, Add	261.27	
08 36 13 00-0030 EA 14' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,579.10	791.19
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	144.52	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	249.18	
For Aluminum, Mill Finish, Add	113.62	
For Aluminum, Anodized Finish, Add	317.95	
08 36 13 00-0031 EA 14' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,972.41	909.87
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	167.14	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	288.17	
For Aluminum, Mill Finish, Add	131.40	
For Aluminum, Anodized Finish, Add	367.70	
08 36 13 00-0032 EA 14' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,406.84	1,028.55
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	195.71	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	337.44	
For Aluminum, Mill Finish, Add	153.87	
For Aluminum, Anodized Finish, Add	430.57	
08 36 13 00-0033 EA 16' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,057.79	632.96
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	114.82	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	197.97	
For Aluminum, Mill Finish, Add	90.27	
For Aluminum, Anodized Finish, Add	252.61	
08 36 13 00-0034 EA 16' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,550.39	791.19
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	140.36	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	242.00	
For Aluminum, Mill Finish, Add	110.35	
For Aluminum, Anodized Finish, Add	308.79	
08 36 13 00-0035 EA 16' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,987.14	909.87
For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	169.27	
For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	291.85	
For Aluminum, Mill Finish, Add	133.08	
For Aluminum, Anodized Finish, Add	372.40	

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0036	EA 16' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,523.22	1,028.55
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	212.59	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	366.53	
	For Aluminum, Mill Finish, Add	167.14	
	For Aluminum, Anodized Finish, Add	467.69	
08 36 13 00-0037	EA 16' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,096.54	1,186.79
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	249.83	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	430.74	
	For Aluminum, Mill Finish, Add	196.42	
	For Aluminum, Anodized Finish, Add	549.62	
08 36 13 00-0038	EA 18' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,610.14	791.19
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	149.02	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	256.94	
	For Aluminum, Mill Finish, Add	117.16	
	For Aluminum, Anodized Finish, Add	327.85	
08 36 13 00-0039	EA 18' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,094.22	909.87
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	184.80	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	318.62	
	For Aluminum, Mill Finish, Add	145.29	
	For Aluminum, Anodized Finish, Add	406.56	
08 36 13 00-0040	EA 18' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,693.92	1,028.55
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	237.34	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	409.21	
	For Aluminum, Mill Finish, Add	186.60	
	For Aluminum, Anodized Finish, Add	522.15	
08 36 13 00-0041	EA 18' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,268.01	1,186.79
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	274.69	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	473.60	
	For Aluminum, Mill Finish, Add	215.96	
	For Aluminum, Anodized Finish, Add	604.32	
08 36 13 00-0042	EA 18' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,890.20	1,345.03
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	319.02	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	550.03	
	For Aluminum, Mill Finish, Add	250.81	
	For Aluminum, Anodized Finish, Add	701.84	
08 36 13 00-0043	EA 20' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,972.41	909.87
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	167.14	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	288.17	
	For Aluminum, Mill Finish, Add	131.40	
	For Aluminum, Anodized Finish, Add	367.70	
08 36 13 00-0044	EA 20' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,456.50	1,028.55
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	202.91	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	349.85	
	For Aluminum, Mill Finish, Add	159.53	
	For Aluminum, Anodized Finish, Add	446.41	
08 36 13 00-0045	EA 20' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,208.27	1,186.79
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	266.03	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	458.67	
	For Aluminum, Mill Finish, Add	209.15	
	For Aluminum, Anodized Finish, Add	585.26	
08 36 13 00-0046	EA 20' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,782.35	1,345.03
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	303.38	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	523.07	
	For Aluminum, Mill Finish, Add	238.52	
	For Aluminum, Anodized Finish, Add	667.43	
08 36 13 00-0047	EA 20' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,795.59	1,503.27
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	404.41	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	697.26	
	For Aluminum, Mill Finish, Add	317.95	
	For Aluminum, Anodized Finish, Add	889.70	
08 36 13 00-0048	EA 22' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,319.94	1,028.55
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	183.11	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	315.71	
	For Aluminum, Mill Finish, Add	143.96	
	For Aluminum, Anodized Finish, Add	402.85	
08 36 13 00-0049	EA 22' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,041.46	1,186.79
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	241.84	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	416.97	
	For Aluminum, Mill Finish, Add	190.14	
	For Aluminum, Anodized Finish, Add	532.05	
08 36 13 00-0050	EA 22' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,747.44	1,345.03
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	298.32	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	514.34	
	For Aluminum, Mill Finish, Add	234.54	
	For Aluminum, Anodized Finish, Add	656.30	
08 36 13 00-0051	EA 22' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,544.98	1,503.27
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	368.07	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	634.60	
	For Aluminum, Mill Finish, Add	289.38	
	For Aluminum, Anodized Finish, Add	809.75	
08 36 13 00-0052	EA 22' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,229.96	1,661.51
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	421.51	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	726.74	
	For Aluminum, Mill Finish, Add	331.39	
	For Aluminum, Anodized Finish, Add	927.32	
08 36 13 00-0053	EA 24' x 8', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,711.71	1,186.79
	For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	194.03	
	For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	334.53	
	For Aluminum, Mill Finish, Add	152.54	
	For Aluminum, Anodized Finish, Add	426.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0054	EA		24' x 10', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	4,457.25 256.24 441.79 201.46 563.73	1,345.03
08 36 13 00-0055	EA		24' x 12', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,337.04 337.92 582.62 265.67 743.42	1,503.27
08 36 13 00-0056	EA		24' x 14', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	5,953.75 381.46 657.69 299.90 839.21	1,661.51
08 36 13 00-0057	EA		24' x 16', Non Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	6,652.74 436.92 753.31 343.51 961.23	1,819.75
08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors <small>(08 36 13 00-0014)</small>					
Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.					
08 36 13 00-0059	EA		8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,261.37 80.66 225.70 35.38 155.66	276.92
08 36 13 00-0060	EA		8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,494.87 98.26 274.95 43.10 189.62	316.48
08 36 13 00-0061	EA		8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,840.39 119.61 334.69 52.46 230.82	395.60
08 36 13 00-0062	EA		10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,463.40 94.67 264.91 41.52 182.70	316.48
08 36 13 00-0063	EA		10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,801.62 115.19 322.33 50.52 222.29	395.60
08 36 13 00-0064	EA		10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,297.25 144.63 404.72 63.44 279.11	514.28
08 36 13 00-0065	EA		10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,688.27 162.15 453.73 71.12 312.92	632.96
08 36 13 00-0066	EA		12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,742.36 108.43 303.42 47.56 209.26	395.60
08 36 13 00-0067	EA		12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,185.31 131.87 369.01 57.84 254.49	514.28
08 36 13 00-0068	EA		12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,668.52 159.90 447.43 70.13 308.57	632.96
08 36 13 00-0069	EA		12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,127.56 185.17 518.15 81.21 357.34	751.64
08 36 13 00-0070	EA		12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,795.22 225.20 630.18 98.77 434.61	909.87
08 36 13 00-0071	EA		14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,098.25 121.95 341.23 53.49 235.33	514.28

08 Openings**08 30 Specialty Doors And Frames****08 36 Panel Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,599.01	632.96
		<i>For Aluminum, Mill Finish, Add</i>	151.97	
		<i>For Aluminum, Anodized Finish, Add</i>	425.26	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	66.65	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	293.28	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,175.22	791.19
		<i>For Aluminum, Mill Finish, Add</i>	181.58	
		<i>For Aluminum, Anodized Finish, Add</i>	508.11	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	79.64	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	350.42	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,727.90	909.87
		<i>For Aluminum, Mill Finish, Add</i>	217.53	
		<i>For Aluminum, Anodized Finish, Add</i>	608.70	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	95.41	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	419.80	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,268.90	1,028.55
		<i>For Aluminum, Mill Finish, Add</i>	252.15	
		<i>For Aluminum, Anodized Finish, Add</i>	705.56	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	110.59	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	486.60	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,523.65	632.96
		<i>For Aluminum, Mill Finish, Add</i>	143.38	
		<i>For Aluminum, Anodized Finish, Add</i>	401.22	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	62.89	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	276.70	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,233.75	791.19
		<i>For Aluminum, Mill Finish, Add</i>	188.26	
		<i>For Aluminum, Anodized Finish, Add</i>	526.78	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	82.57	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	363.30	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,767.42	909.87
		<i>For Aluminum, Mill Finish, Add</i>	222.04	
		<i>For Aluminum, Anodized Finish, Add</i>	621.31	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	97.38	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	428.49	
08 36 13 00-0079	EA	16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,304.02	1,028.55
		<i>For Aluminum, Mill Finish, Add</i>	256.15	
		<i>For Aluminum, Anodized Finish, Add</i>	716.77	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	112.35	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	494.32	
08 36 13 00-0080	EA	16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,071.22	1,186.79
		<i>For Aluminum, Mill Finish, Add</i>	307.53	
		<i>For Aluminum, Anodized Finish, Add</i>	860.54	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	134.88	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	593.48	
08 36 13 00-0081	EA	18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,949.86	791.19
		<i>For Aluminum, Mill Finish, Add</i>	155.89	
		<i>For Aluminum, Anodized Finish, Add</i>	436.22	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	68.37	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	300.84	
08 36 13 00-0082	EA	18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,611.57	909.87
		<i>For Aluminum, Mill Finish, Add</i>	204.27	
		<i>For Aluminum, Anodized Finish, Add</i>	571.59	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	89.59	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	394.20	
08 36 13 00-0083	EA	18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,175.24	1,028.55
		<i>For Aluminum, Mill Finish, Add</i>	241.47	
		<i>For Aluminum, Anodized Finish, Add</i>	675.69	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	105.91	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	465.99	
08 36 13 00-0084	EA	18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,145.84	1,186.79
		<i>For Aluminum, Mill Finish, Add</i>	316.04	
		<i>For Aluminum, Anodized Finish, Add</i>	884.34	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	138.61	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	609.89	
08 36 13 00-0085	EA	18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,666.45	1,345.03
		<i>For Aluminum, Mill Finish, Add</i>	339.31	
		<i>For Aluminum, Anodized Finish, Add</i>	949.46	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	148.82	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	654.80	
08 36 13 00-0086	EA	20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,597.67	909.87
		<i>For Aluminum, Mill Finish, Add</i>	202.68	
		<i>For Aluminum, Anodized Finish, Add</i>	567.16	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	88.90	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	391.14	
08 36 13 00-0087	EA	20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,207.45	1,028.55
		<i>For Aluminum, Mill Finish, Add</i>	245.14	
		<i>For Aluminum, Anodized Finish, Add</i>	685.96	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	107.52	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	473.08	
08 36 13 00-0088	EA	20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,295.83	1,186.79
		<i>For Aluminum, Mill Finish, Add</i>	333.13	
		<i>For Aluminum, Anodized Finish, Add</i>	932.19	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	146.11	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	642.89	
08 36 13 00-0089	EA	20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,800.34	1,345.03
		<i>For Aluminum, Mill Finish, Add</i>	354.57	
		<i>For Aluminum, Anodized Finish, Add</i>	992.17	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	155.51	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	684.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0090	EA		20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,699.96	1,503.27
			For Aluminum, Mill Finish, Add	421.05	
			For Aluminum, Anodized Finish, Add	1,178.19	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	184.67	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	812.55	
08 36 13 00-0091	EA		22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,966.73	1,028.55
			For Aluminum, Mill Finish, Add	217.70	
			For Aluminum, Anodized Finish, Add	609.17	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	95.48	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	420.12	
08 36 13 00-0092	EA		22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,849.53	1,186.79
			For Aluminum, Mill Finish, Add	282.26	
			For Aluminum, Anodized Finish, Add	789.82	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	123.80	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	544.70	
08 36 13 00-0093	EA		22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,719.87	1,345.03
			For Aluminum, Mill Finish, Add	345.40	
			For Aluminum, Anodized Finish, Add	966.50	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	151.49	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	666.55	
08 36 13 00-0094	EA		22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,422.67	1,503.27
			For Aluminum, Mill Finish, Add	389.44	
			For Aluminum, Anodized Finish, Add	1,089.74	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	170.81	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	751.54	
08 36 13 00-0095	EA		22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,292.97	1,661.51
			For Aluminum, Mill Finish, Add	452.58	
			For Aluminum, Anodized Finish, Add	1,266.42	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	198.50	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	873.39	
08 36 13 00-0096	EA		24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,444.92	1,186.79
			For Aluminum, Mill Finish, Add	236.13	
			For Aluminum, Anodized Finish, Add	660.75	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	103.57	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	455.69	
08 36 13 00-0097	EA		24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,408.92	1,345.03
			For Aluminum, Mill Finish, Add	309.95	
			For Aluminum, Anodized Finish, Add	867.31	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	135.94	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	598.14	
08 36 13 00-0098	EA		24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,237.57	1,503.27
			For Aluminum, Mill Finish, Add	368.33	
			For Aluminum, Anodized Finish, Add	1,030.69	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	161.55	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	710.82	
08 36 13 00-0099	EA		24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,109.33	1,661.51
			For Aluminum, Mill Finish, Add	431.64	
			For Aluminum, Anodized Finish, Add	1,207.84	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	189.32	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	832.99	
08 36 13 00-0100	EA		24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,968.69	1,819.75
			For Aluminum, Mill Finish, Add	493.53	
			For Aluminum, Anodized Finish, Add	1,381.01	
			For 20 Gauge Steel Ribbed, Heavy Duty Door, Add	216.46	
			For 16 Gauge Steel Ribbed, Heavy Duty Door, Add	952.42	
08 36 13 00-0101			Residential Grade, Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)		
			Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA		9' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	945.50	158.23
			For Aluminum And Fiberglass, Add	170.47	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	197.96	
08 36 13 00-0103	EA		9' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,044.19	158.23
			For Aluminum And Fiberglass, Add	201.06	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	233.49	
08 36 13 00-0104	EA		16' x 7', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,361.00	181.03
			For Aluminum And Fiberglass, Add	281.91	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	327.38	
08 36 13 00-0105	EA		16' x 8', Non Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift	1,516.07	181.03
			For Aluminum And Fiberglass, Add	329.99	
			For Each Glass Vision Panel In Door, Add	50.00	
			For Insulated Door, Add	383.21	
08 36 13 00-0106			Remove And Reinstall Sectional Metal Overhead Doors And Supports (08 36 13 00-0013)		
			Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107	SF		Remove And Reinstall Sectional Metal Overhead Door And Supports.....	11.31	
08 36 13 00-0108			Sectional Fiberglass Overhead Doors (08 36 13)		
08 36 13 00-0109			Fiberglass Sectional Overhead Doors (08 36 13 00-0108)		
08 36 13 00-0110			Non-Insulated, Fiberglass Sectional Doors (08 36 13 00-0109)		
			Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111	EA		8' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,440.20	276.92
08 36 13 00-0112	EA		8' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift.....	1,701.47	316.48

08 Openings
08 30 Specialty Doors And Frames
08 36 Panel Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 36 13 00-0113	EA	8' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,027.34	395.60
08 36 13 00-0114	EA	10' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,683.98	316.48
08 36 13 00-0115	EA	10' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	1,994.81	356.04
08 36 13 00-0116	EA	10' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,521.05	494.50
08 36 13 00-0117	EA	10' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,049.75	632.96
08 36 13 00-0118	EA	12' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,002.56	395.60
08 36 13 00-0119	EA	12' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,510.85	494.50
08 36 13 00-0120	EA	12' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,013.07	593.39
08 36 13 00-0121	EA	12' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,712.12	791.19
08 36 13 00-0122	EA	12' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,335.57	949.44
08 36 13 00-0123	EA	14' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,479.20	553.84
08 36 13 00-0124	EA	14' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,988.52	632.96
08 36 13 00-0125	EA	14' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,659.64	791.19
08 36 13 00-0126	EA	14' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,329.74	949.44
08 36 13 00-0127	EA	14' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,843.28	1,028.55
08 36 13 00-0128	EA	16' x 8', Non Insulated, Fiberglass Sectional Door, Manual Lift	2,817.97	632.96
08 36 13 00-0129	EA	16' x 10', Non Insulated, Fiberglass Sectional Door, Manual Lift	3,361.35	712.07
08 36 13 00-0130	EA	16' x 12', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,072.07	870.32
08 36 13 00-0131	EA	16' x 14', Non Insulated, Fiberglass Sectional Door, Manual Lift	4,774.77	1,028.55
08 36 13 00-0132	EA	16' x 16', Non Insulated, Fiberglass Sectional Door, Manual Lift	5,319.93	1,107.67

08 36 13 00-0133 Insulated, Fiberglass Sectional Doors (08 36 13 00-0109)

Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.

08 36 13 00-0134	EA	8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	1,732.68	276.92
08 36 13 00-0135	EA	8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,054.08	316.48
08 36 13 00-0136	EA	8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	2,435.26	395.60
08 36 13 00-0137	EA	10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,030.81	316.48
08 36 13 00-0138	EA	10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	2,418.14	356.04
08 36 13 00-0139	EA	10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,026.63	494.50
08 36 13 00-0140	EA	10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	3,638.55	632.96
08 36 13 00-0141	EA	12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,402.31	395.60
08 36 13 00-0142	EA	12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,013.06	494.50
08 36 13 00-0143	EA	12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	3,615.83	593.39
08 36 13 00-0144	EA	12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	4,414.93	791.19
08 36 13 00-0145	EA	12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,139.88	949.44
08 36 13 00-0146	EA	14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	2,931.87	553.84
08 36 13 00-0147	EA	14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	3,557.12	632.96
08 36 13 00-0148	EA	14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,345.13	791.19
08 36 13 00-0149	EA	14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,132.12	949.44
08 36 13 00-0150	EA	14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	5,763.04	1,028.55
08 36 13 00-0151	EA	16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift	3,330.29	632.96
08 36 13 00-0152	EA	16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift	4,000.66	712.07
08 36 13 00-0153	EA	16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift	4,841.27	870.32
08 36 13 00-0154	EA	16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift	5,671.92	1,028.55
08 36 13 00-0155	EA	16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift	6,344.57	1,107.67

08 36 13 00-0156 Sectional Overhead Door Accessories (08 36 13)

08 36 13 00-0157 Sectional Overhead Door Accessories (08 36 13 00-0156)

08 36 13 00-0158	LF	Molding, Draft Stop	2.81	
08 36 13 00-0159	LF	Weather Seal At Top Of Door For Sectional Overhead Doors	4.03	
08 36 13 00-0160	LF	Weather Strip At Door Bottom	2.32	
08 36 13 00-0161	EA	Cylinder Lock For Sectional Overhead Doors	235.84	
08 36 13 00-0162	EA	Electric Chain Lift Operator For Sectional Overhead Doors	1,574.08	
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.				
08 36 13 00-0163	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors	18.99	
Note: Additional cost for factory supplied.				
08 36 13 00-0164	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors	11.85	
Note: Additional cost for factory supplied.				
08 36 13 00-0165	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors	19.86	
Note: Additional cost for factory supplied.				
08 36 13 00-0166	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors	13.54	
Note: Additional cost for factory supplied.				
08 36 13 00-0167	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors	31.95	
Note: Additional cost for factory supplied.				
08 36 13 00-0168	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors	21.56	
Note: Additional cost for factory supplied.				
08 36 13 00-0169	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door	324.37	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0170	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door	502.85	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0171	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door	759.79	
Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.				
08 36 13 00-0172	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors	0.80	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.				
08 36 13 00-0173	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors	1.03	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.				
08 36 13 00-0174	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors	1.36	
Note: Additional cost for factory supplied/installed spring. Per SF of Door.				

08 38 Traffic Doors (08 30)

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

08 38 13 Flexible Strip Doors (08 38)
08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors (08 38 13)

08 38 13 00-0002	SF 8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	7.88	3.96
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	0.39	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	0.82	
08 38 13 00-0003	SF 8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	9.88	4.35
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	0.55	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	1.16	
08 38 13 00-0004	SF 12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	8.90	3.96
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	0.49	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	1.04	
08 38 13 00-0005	SF 12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	10.55	4.35
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	0.62	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	1.30	
08 38 13 00-0006	SF 16" Smooth Strip, 0.160" Thick, 75% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	10.24	3.96
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	0.63	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	1.32	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips (08 38 13)

08 38 13 00-0008	EA 8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip	20.45	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	1.25	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	2.63	
08 38 13 00-0009	EA 8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip	22.33	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	1.44	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	3.03	
08 38 13 00-0010	EA 12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip	40.61	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	3.27	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	6.87	
08 38 13 00-0011	EA 12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip	48.54	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	4.06	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	8.53	
08 38 13 00-0012	EA 12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip	56.75	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	4.88	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	10.26	
08 38 13 00-0013	EA 16" Smooth Strip, 0.160" Thick, 15' Long, Replacement Strip	92.51	7.91
	<i>For Cooler/Freezer Doors, USDA Grade, Add</i>	8.46	
	<i>Note: Low temperature to -40 degree F.</i>		
	<i>For Ribbed Strip Material, Add</i>	17.77	

08 38 16 Flexible Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) (08 38 16)
08 38 16 00-0002 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0001)
08 38 16 00-0003 Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)

08 38 16 00-0004	EA 72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	1,350.00	79.12
08 38 16 00-0005	EA 72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	1,452.44	79.12
08 38 16 00-0006	EA 96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	2,945.83	90.99
08 38 16 00-0007	EA 96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	3,302.39	98.90
08 38 16 00-0008	EA 108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,075.27	98.90
08 38 16 00-0009	EA 108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,304.61	98.90
08 38 16 00-0010	EA 120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,913.30	118.68

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)

08 38 16 00-0012	EA 72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	1,492.61	79.12
08 38 16 00-0013	EA 72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	1,606.70	79.12
08 38 16 00-0014	EA 96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	3,471.15	90.99
08 38 16 00-0015	EA 96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	3,825.38	98.90
08 38 16 00-0016	EA 108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,675.06	98.90
08 38 16 00-0017	EA 108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	5,908.35	98.90
08 38 16 00-0018	EA 120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,584.98	118.68

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 16 00-0019		0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) <small>(08 38 16)</small> Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020		Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	680.52	43.51
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	730.51	43.51
08 38 16 00-0024		96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	730.51	43.51
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	744.61	43.51
08 38 16 00-0027		Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,337.27	75.17
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,437.26	75.17
08 38 16 00-0031		96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0027)</small>		
08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,437.26	75.17
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors	1,465.46	75.17

08 38 19 Rigid Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) <small>(08 38 19)</small> Note: Includes delta formed vertical edges and a 9" x 14" acrylic window.		
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0004	EA	24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	353.65	43.51
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005	EA	28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	376.72	43.51
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006	EA	30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	389.65	45.50
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007	EA	32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	403.75	45.50
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0008	EA	36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	421.83	47.47
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0009	EA	40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	452.59	47.47
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010	EA	42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door	473.40	53.41
		For Each 14" x 16" Window, Add	22.00	
		For Each 15" x 20" Window, Add	28.00	
		For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011		96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0012 EA 24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	393.39	43.51
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013 EA 28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	411.33	43.51
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014 EA 30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	425.54	45.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0015 EA 32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	435.79	45.50
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016 EA 36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	474.38	47.47
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0017 EA 40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	482.07	47.47
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0018 EA 42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	501.60	53.41
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0019 Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0020 84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>		
08 38 19 00-0021 EA 48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	683.54	75.17
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0022 EA 56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	729.69	75.17
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023 EA 60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	747.63	75.17
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024 EA 64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	775.83	75.17
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025 EA 72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	811.96	79.12
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0026 EA 80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	873.49	79.12
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027 EA 84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	891.44	79.12
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>		
08 38 19 00-0029 EA 48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	763.01	75.17
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0030	EA		56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	798.91	75.17
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031	EA		60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	819.42	75.17
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0032	EA		64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	839.92	75.17
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0033	EA		72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	917.07	79.12
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0034	EA		80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	932.46	79.12
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035	EA		84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	947.84	79.12
			For Each 14" x 16" Window, Add	22.00	
			For Each 15" x 20" Window, Add	28.00	
			For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0036			3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) <small>(08 38 19)</small>		
			Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037			Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small>		
08 38 19 00-0038			84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0039	EA		24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	589.51	43.51
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0040	EA		28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	649.75	43.51
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0041	EA		30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	678.06	45.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0042	EA		32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	703.69	45.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0043	EA		36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	715.37	47.47
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0044	EA		40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	767.92	47.47
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0045	EA		42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	827.19	53.41
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0046	EA		44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	836.16	53.41
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0047			96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0048	EA		24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	640.78	43.51
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0049	EA		28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	703.59	43.51
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0050	EA		30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	731.90	45.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0051	EA		32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	763.94	45.50
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0052	EA		36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	790.99	47.47
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0053	EA		40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	842.27	47.47
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0054	EA		42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	874.62	53.41
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0055	EA		44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	906.66	53.41
			For Each 15" x 20" Window, Add	6.00	
			For Each 18" x 30" Window, Add	19.00	

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

08 38 19 00-0056	Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small>		
08 38 19 00-0057	84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small>		
08 38 19 00-0058	EA 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,155.25	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0059	EA 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,275.75	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0060	EA 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,324.46	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0061	EA 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,375.73	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0062	EA 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,399.04	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0063	EA 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,504.15	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0064	EA 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,599.01	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0065	EA 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,616.95	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0066	96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0056)</small>		
08 38 19 00-0067	EA 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,257.80	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0068	EA 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,383.42	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0069	EA 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,432.13	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0070	EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,496.22	75.17
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0071	EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,550.30	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0072	EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,652.84	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0073	EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,693.86	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0074	EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	1,757.95	79.12
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0075	3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) <small>(08 38 19)</small>		
	Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
08 38 19 00-0076	Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0077	84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0078	EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	620.27	43.51
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0079	EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	697.18	43.51
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0080	EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	721.64	45.50
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0081	EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	729.33	45.50
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0082	EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	741.00	47.47
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0083	EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door	812.78	47.47
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	883.59	53.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	892.56	53.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0086		96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0078)</small>		
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	636.94	43.51
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	731.79	43.51
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	757.53	45.50
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	767.79	45.50
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	774.33	47.47
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	826.88	47.47
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	896.41	53.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	906.66	53.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0095		Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0096		84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,216.78	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,370.60	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,411.62	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,427.00	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,450.31	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,593.88	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,711.81	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,729.75	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0105		96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,250.11	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,439.82	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,483.40	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,503.91	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0110	EA	72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,516.97	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0111	EA	80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,622.08	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0112 EA 84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,737.44	79.12
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0113 EA 88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	1,757.95	79.12
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0114 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2) <small>(08 38 19)</small>		
<small>Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.</small>		
08 38 19 00-0115 Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0116 84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0117 EA 24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	774.09	43.51
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0118 EA 28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	842.03	43.51
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0119 EA 30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	863.92	45.50
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0120 EA 32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	880.59	45.50
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0121 EA 36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	912.77	47.47
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0122 EA 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	944.81	47.47
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0123 EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	982.29	53.41
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0124 EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,004.08	53.41
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0126 EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	831.77	43.51
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0127 EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	903.56	43.51
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0128 EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	926.73	45.50
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0129 EA 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	935.71	45.50
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0130 EA 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	965.32	47.47
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0131 EA 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,007.62	47.47
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0132 EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,039.97	53.41
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0133 EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,061.76	53.41
<i>For Each 14" x 16" Window, Add</i>	22.00	
<i>For Each 15" x 20" Window, Add</i>	28.00	
<i>For Each 18" x 30" Window, Add</i>	41.00	

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0134	Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0135	84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0134)</small>		
08 38 19 00-0136	EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,524.42	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0137	EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,660.30	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0138	EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,696.19	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0139	EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,729.51	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0140	EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,793.85	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0141	EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,857.94	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0142	EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,909.21	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0143	EA 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,952.79	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0144	96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0134)</small>		
08 38 19 00-0145	EA 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,639.79	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0146	EA 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,783.35	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0147	EA 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,821.81	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0148	EA 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,839.75	75.17
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0149	EA 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,898.96	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0150	EA 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	1,983.56	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0151	EA 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	2,024.57	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0152	EA 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	2,068.16	79.12
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0153	1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) <small>(08 38 19)</small>		
	Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154	Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0153)</small>		
08 38 19 00-0155	84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0156	EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	761.27	43.51
	For Each 15" x 20" Window, Add	6.00	
	For Each 18" x 30" Window, Add	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0157 EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	798.45	43.51
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0158 EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	835.72	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0159 EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	857.51	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0160 EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	915.33	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0161 EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	958.91	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0162 EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,005.36	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0163 EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,046.38	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0164 90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0165 EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	786.91	43.51
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0166 EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	831.77	43.51
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0167 EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	857.51	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0168 EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	888.28	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0169 EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	949.94	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0170 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,002.50	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0171 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,046.38	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0172 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,084.84	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0174 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	852.28	43.51
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0175 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	861.26	43.51
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0176 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	902.38	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0177 EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	930.58	45.50
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0178 EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	993.52	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0179 EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,056.33	47.47
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0180 EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,097.65	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0181 EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,136.11	53.41
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0153)</small>		
08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0184 EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,498.79	75.17
<i>For Each 15" x 20" Window, Add</i>	6.00	
<i>For Each 18" x 30" Window, Add</i>	19.00	

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0185	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,573.13	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0186	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,639.79	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0187	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,683.37	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0188	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,798.97	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0189	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,886.14	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0190	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,955.36	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0191	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,037.39	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0192			90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
			<i>(08 38 19 00-0182)</i>		
08 38 19 00-0193	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,550.06	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,639.79	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,683.37	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,744.90	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,868.19	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0198	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,973.30	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0199	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,037.39	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0200	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,114.30	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0201			96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors		
			<i>(08 38 19 00-0182)</i>		
08 38 19 00-0202	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,680.80	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0203	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,698.75	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0204	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,773.10	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0205	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,829.50	75.17
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0206	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	1,955.36	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0207	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,080.97	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0208	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,139.94	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0209	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,216.85	79.12
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0210			1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10)		
			<i>(08 38 19 00-0210)</i>		
			Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
08 38 19 00-0211			Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors		
			<i>(08 38 19 00-0210)</i>		
08 38 19 00-0212			84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors		
			<i>(08 38 19 00-0211)</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0213 EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	761.27 6.00 19.00	43.51
08 38 19 00-0214 EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	798.45 6.00 19.00	43.51
08 38 19 00-0215 EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	835.72 6.00 19.00	45.50
08 38 19 00-0216 EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	857.51 6.00 19.00	45.50
08 38 19 00-0217 EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	915.33 6.00 19.00	47.47
08 38 19 00-0218 EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	958.91 6.00 19.00	47.47
08 38 19 00-0219 EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,005.36 6.00 19.00	53.41
08 38 19 00-0220 EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,046.38 6.00 19.00	53.41
08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0222 EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	786.91 6.00 19.00	43.51
08 38 19 00-0223 EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	831.77 6.00 19.00	43.51
08 38 19 00-0224 EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	857.51 6.00 19.00	45.50
08 38 19 00-0225 EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	888.28 6.00 19.00	45.50
08 38 19 00-0226 EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	949.94 6.00 19.00	47.47
08 38 19 00-0227 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,002.50 6.00 19.00	47.47
08 38 19 00-0228 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,046.38 6.00 19.00	53.41
08 38 19 00-0229 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,084.84 6.00 19.00	53.41
08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0231 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	852.28 6.00 19.00	43.51
08 38 19 00-0232 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	861.26 6.00 19.00	43.51
08 38 19 00-0233 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	902.38 6.00 19.00	45.50
08 38 19 00-0234 EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	930.58 6.00 19.00	45.50
08 38 19 00-0235 EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	993.52 6.00 19.00	47.47
08 38 19 00-0236 EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,056.33 6.00 19.00	47.47
08 38 19 00-0237 EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,097.65 6.00 19.00	53.41
08 38 19 00-0238 EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	1,136.11 6.00 19.00	53.41
08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0241	EA	48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,498.79	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0242	EA	56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,573.13	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0243	EA	60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,639.79	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0244	EA	64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,683.37	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0245	EA	72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,798.97	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0246	EA	80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,886.14	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0247	EA	84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,955.36	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0248	EA	88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,037.39	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors				
		<i>(08 38 19 00-0239)</i>		
08 38 19 00-0250	EA	48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,550.06	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0251	EA	56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,639.79	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0252	EA	60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,683.37	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0253	EA	64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,744.90	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0254	EA	72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,868.19	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0255	EA	80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,973.30	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0256	EA	84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,037.39	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0257	EA	88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,114.30	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors				
		<i>(08 38 19 00-0239)</i>		
08 38 19 00-0259	EA	48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,680.80	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0260	EA	56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,698.75	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0261	EA	60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,773.10	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0262	EA	64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,829.50	75.17
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0263	EA	72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	1,955.36	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0264	EA	80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,080.97	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0265	EA	84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,139.94	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0266	EA	88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,216.85	79.12
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0267		Rigid Impact Traffic Door Accessories <i>(08 38 19)</i>		
08 38 19 00-0268		Bumper Strips For Impact Traffic Doors <i>(08 38 19 00-0267)</i>		
		Note: Includes two bumpers per set.		
08 38 19 00-0269	SET	24" Wide, Bumper Strips For Impact Traffic Doors	79.07	31.64
08 38 19 00-0270	SET	30" Wide, Bumper Strips For Impact Traffic Doors	85.48	31.64

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

08 38 19 00-0271	SET		36" Wide, Bumper Strips For Impact Traffic Doors	90.60	31.64
08 38 19 00-0272	SET		48" Wide, Bumper Strips For Impact Traffic Doors	99.58	31.64
08 38 19 00-0273			Easy Spring Bumpers For Impact Traffic Doors (08 38 19 00-0267)		
			Note: Includes two bumpers per set.		
08 38 19 00-0274	SET		18" Height, Easy Spring Bumpers For Impact Traffic Doors	182.90	31.64
08 38 19 00-0275	SET		24" Height, Easy Spring Bumpers For Impact Traffic Doors	236.73	31.64
08 38 19 00-0276	SET		36" Height, Easy Spring Bumpers For Impact Traffic Doors	340.56	31.64
08 38 19 00-0277	SET		42" Height, Easy Spring Bumpers For Impact Traffic Doors	390.55	31.64
08 38 19 00-0278	SET		48" Height, Easy Spring Bumpers For Impact Traffic Doors	441.83	31.64
08 38 19 00-0279			Scuff Plates For Impact Traffic Doors (08 38 19 00-0267)		
			Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280			12" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0281	SET		24" Wide x 12" High, Impact Traffic Door Scuff Plates	90.60	31.64
08 38 19 00-0282	SET		30" Wide x 12" High, Impact Traffic Door Scuff Plates	95.73	31.64
08 38 19 00-0283	SET		36" Wide x 12" High, Impact Traffic Door Scuff Plates	102.14	31.64
08 38 19 00-0284	SET		42" Wide x 12" High, Impact Traffic Door Scuff Plates	111.11	31.64
08 38 19 00-0285	SET		48" Wide x 12" High, Impact Traffic Door Scuff Plates	116.24	31.64
08 38 19 00-0286			24" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0287	SET		24" Wide x 24" High, Impact Traffic Door Scuff Plates	116.24	31.64
08 38 19 00-0288	SET		30" Wide x 24" High, Impact Traffic Door Scuff Plates	139.31	31.64
08 38 19 00-0289	SET		36" Wide x 24" High, Impact Traffic Door Scuff Plates	152.13	31.64
08 38 19 00-0290	SET		42" Wide x 24" High, Impact Traffic Door Scuff Plates	203.41	31.64
08 38 19 00-0291	SET		48" Wide x 24" High, Impact Traffic Door Scuff Plates	181.61	31.64
08 38 19 00-0292			30" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0293	SET		24" Wide x 30" High, Impact Traffic Door Scuff Plates	139.31	31.64
08 38 19 00-0294	SET		30" Wide x 30" High, Impact Traffic Door Scuff Plates	159.82	31.64
08 38 19 00-0295	SET		36" Wide x 30" High, Impact Traffic Door Scuff Plates	175.20	31.64
08 38 19 00-0296	SET		42" Wide x 30" High, Impact Traffic Door Scuff Plates	203.41	31.64
08 38 19 00-0297	SET		48" Wide x 30" High, Impact Traffic Door Scuff Plates	222.63	31.64
08 38 19 00-0298			36" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0299	SET		24" Wide x 36" High, Impact Traffic Door Scuff Plates	152.13	31.64
08 38 19 00-0300	SET		30" Wide x 36" High, Impact Traffic Door Scuff Plates	175.20	31.64
08 38 19 00-0301	SET		36" Wide x 36" High, Impact Traffic Door Scuff Plates	200.84	31.64
08 38 19 00-0302	SET		42" Wide x 36" High, Impact Traffic Door Scuff Plates	214.94	31.64
08 38 19 00-0303	SET		48" Wide x 36" High, Impact Traffic Door Scuff Plates	236.73	31.64
08 38 19 00-0304			48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0305	SET		24" Wide x 48" High, Impact Traffic Door Scuff Plates	181.61	31.64
08 38 19 00-0306	SET		30" Wide x 48" High, Impact Traffic Door Scuff Plates	222.63	31.64
08 38 19 00-0307	SET		36" Wide x 48" High, Impact Traffic Door Scuff Plates	236.73	31.64
08 38 19 00-0308	SET		42" Wide x 48" High, Impact Traffic Door Scuff Plates	263.65	31.64
08 38 19 00-0309	SET		48" Wide x 48" High, Impact Traffic Door Scuff Plates	293.13	31.64
08 38 19 00-0310			Base Plates For Impact Traffic Doors (08 38 19 00-0267)		
			Note: Includes two base plates per set.		
08 38 19 00-0311			Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0312			12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0313	SET		24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	88.04	31.64
08 38 19 00-0314	SET		30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	93.17	31.64
08 38 19 00-0315	SET		36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	95.73	31.64
08 38 19 00-0316	SET		42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	107.27	31.64
08 38 19 00-0317	SET		48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	112.40	31.64
08 38 19 00-0318			24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0319	SET		24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	107.27	31.64
08 38 19 00-0320	SET		30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	114.96	31.64
08 38 19 00-0321	SET		36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	122.65	31.64
08 38 19 00-0322	SET		42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	129.06	31.64
08 38 19 00-0323	SET		48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	139.31	31.64
08 38 19 00-0324			30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0325	SET		24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	120.09	31.64
08 38 19 00-0326	SET		30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	126.50	31.64
08 38 19 00-0327	SET		36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	141.88	31.64
08 38 19 00-0328	SET		42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	158.54	31.64
08 38 19 00-0329	SET		48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	166.23	31.64

08 Openings
08 30 Specialty Doors And Frames
08 38 Traffic Doors

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0330	36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0331	SET 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	126.50	31.64
08 38 19 00-0332	SET 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	139.31	31.64
08 38 19 00-0333	SET 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	158.54	31.64
08 38 19 00-0334	SET 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	173.92	31.64
08 38 19 00-0335	SET 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	182.90	31.64
08 38 19 00-0336	48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0337	SET 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	155.98	31.64
08 38 19 00-0338	SET 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	173.92	31.64
08 38 19 00-0339	SET 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	198.28	31.64
08 38 19 00-0340	SET 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	209.81	31.64
08 38 19 00-0341	SET 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	225.20	31.64
08 38 19 00-0342	Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0343	12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0344	SET 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	111.11	31.64
08 38 19 00-0345	SET 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	116.24	31.64
08 38 19 00-0346	SET 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	131.62	31.64
08 38 19 00-0347	SET 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	139.31	31.64
08 38 19 00-0348	SET 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	161.10	31.64
08 38 19 00-0349	24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0350	SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	147.00	31.64
08 38 19 00-0351	SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	170.08	31.64
08 38 19 00-0352	SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	193.15	31.64
08 38 19 00-0353	SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	221.35	31.64
08 38 19 00-0354	SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	246.99	31.64
08 38 19 00-0355	30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0356	SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	164.95	31.64
08 38 19 00-0357	SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	195.71	31.64
08 38 19 00-0358	SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	223.91	31.64
08 38 19 00-0359	SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	253.40	31.64
08 38 19 00-0360	SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	288.01	31.64
08 38 19 00-0361	36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0362	SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	188.02	31.64
08 38 19 00-0363	SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	221.35	31.64
08 38 19 00-0364	SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	259.81	31.64
08 38 19 00-0365	SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	296.98	31.64
08 38 19 00-0366	SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	329.02	31.64
08 38 19 00-0367	48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0342)		
08 38 19 00-0368	SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	229.04	31.64
08 38 19 00-0369	SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	308.52	31.64
08 38 19 00-0370	SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	329.02	31.64
08 38 19 00-0371	SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	390.55	31.64
08 38 19 00-0372	SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	426.44	31.64
08 38 19 00-0373	One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0374	12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0375	SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	100.86	31.64
08 38 19 00-0376	SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	107.27	31.64
08 38 19 00-0377	SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	114.96	31.64
08 38 19 00-0378	SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	123.93	31.64
08 38 19 00-0379	SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	138.03	31.64
08 38 19 00-0380	24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0381	SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	129.06	31.64
08 38 19 00-0382	SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	144.44	31.64
08 38 19 00-0383	SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	159.82	31.64
08 38 19 00-0384	SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	176.49	31.64
08 38 19 00-0385	SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	195.71	31.64

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

08 38 19 00-0386	30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0387	SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	144.44	31.64
08 38 19 00-0388	SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	163.67	31.64
08 38 19 00-0389	SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	185.46	31.64
08 38 19 00-0390	SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	212.38	31.64
08 38 19 00-0391	SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	230.32	31.64
08 38 19 00-0392	36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0393	SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	159.82	31.64
08 38 19 00-0394	SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	185.46	31.64
08 38 19 00-0395	SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	212.38	31.64
08 38 19 00-0396	SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	239.30	31.64
08 38 19 00-0397	SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	258.52	31.64
08 38 19 00-0398	48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0373)		
08 38 19 00-0399	SET 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	195.71	31.64
08 38 19 00-0400	SET 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	235.45	31.64
08 38 19 00-0401	SET 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	258.52	31.64
08 38 19 00-0402	SET 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	304.67	31.64
08 38 19 00-0403	SET 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	317.49	31.64
08 38 19 00-0404	Jamb Guards For Impact Traffic Doors (08 38 19 00-0267)		
08 38 19 00-0405	EA 3" x 9", Jamb Guard For Impact Traffic Doors	135.70	39.56
08 38 19 00-0406	EA 5" x 18", Jamb Guard For Impact Traffic Doors	174.15	39.56
08 38 19 00-0407	EA 5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors.....	315.15	39.56
08 38 19 00-0408	Other Impact Traffic Door Accessories (08 38 19 00-0267)		
08 38 19 00-0409	EA Push Plate For Impact Traffic Doors.....	40.29	19.78
08 38 19 00-0410	EA Pull Handle For Impact Traffic Doors.....	49.26	19.78
08 38 19 00-0411	EA Deadbolt Lock For Impact Traffic Doors	104.38	19.78
08 38 19 00-0412	PR Lock Hole Reinforcements For Impact Traffic Doors	127.45	19.78
08 38 19 00-0413	PR Padlock Brackets For Impact Traffic Doors.....	58.23	19.78
08 38 19 00-0414	Impact Traffic Door Knock Down Frames (08 38 19)		
Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.			
08 38 19 00-0415	Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)		
08 38 19 00-0416	84" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)		
08 38 19 00-0417	EA 24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	347.63	59.34
08 38 19 00-0418	EA 28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	403.11	65.27
08 38 19 00-0419	EA 30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	415.37	69.23
08 38 19 00-0420	EA 32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	431.05	75.17
08 38 19 00-0421	EA 36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	443.86	79.12
08 38 19 00-0422	EA 40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	463.53	83.08
08 38 19 00-0423	EA 42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	479.32	87.04
08 38 19 00-0424	EA 44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	491.53	90.99
08 38 19 00-0425	90" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)		
08 38 19 00-0426	EA 24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	353.34	59.34
08 38 19 00-0427	EA 28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	409.91	65.27
08 38 19 00-0428	EA 30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	422.30	69.23
08 38 19 00-0429	EA 32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	438.07	75.17
08 38 19 00-0430	EA 36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	451.00	79.12
08 38 19 00-0431	EA 40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	470.97	83.08
08 38 19 00-0432	EA 42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	486.94	87.04
08 38 19 00-0433	EA 44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	499.27	90.99
08 38 19 00-0434	96" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)		
08 38 19 00-0435	EA 24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	360.95	59.34
08 38 19 00-0436	EA 28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	418.96	65.27
08 38 19 00-0437	EA 30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	431.49	69.23
08 38 19 00-0438	EA 32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	445.14	75.17
08 38 19 00-0439	EA 36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	460.49	79.12
08 38 19 00-0440	EA 40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	478.40	83.08
08 38 19 00-0441	EA 42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	497.08	87.04
08 38 19 00-0442	EA 44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	510.12	89.01
08 38 19 00-0443	Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)		
08 38 19 00-0444	84" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)		
08 38 19 00-0445	EA 48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	498.13	90.99

08 Openings**08 30 Specialty Doors And Frames****08 38 Traffic Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	507.84	92.57
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	516.95	94.94
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	532.23	98.90
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	543.66	102.85
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	558.58	103.65
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	569.43	104.84
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	583.22	106.81

08 38 19 00-0453 90" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)

08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	506.03	90.99
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	515.85	92.57
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	525.13	94.94
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	540.59	98.90
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	552.12	102.85
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	567.36	103.65
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	578.43	104.84
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	592.46	106.81

08 38 19 00-0462 96" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)

08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	515.25	90.99
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	523.85	92.57
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	535.98	94.94
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	548.94	98.90
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	563.34	102.85
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	580.30	103.65
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	590.37	104.84
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	605.20	106.81

08 40 Entrances, Storefronts, And Curtain Walls (08)**08 41 Entrances And Storefronts (08 40)****08 41 13 Aluminum-Framed Entrances And Storefronts (08 41)****08 41 13 00-0001 Aluminum Framed Entrance Doors (08 41 13)**

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. Special-Lite. See CSI section 08 71 16 00-2087 for exit device, 08 71 16 00-2242 for closer.

08 41 13 00-0002	EA	3' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,545.88	580.98
		For 8' High Door, Add	192.61	
		For 10' High Door, Add	418.71	
		For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0003	EA	3'-6" x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	2,556.74	580.98
		For 8' High Door, Add	193.86	
		For 10' High Door, Add	421.43	
		For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0004	PR	6' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,205.92	871.31
		For 8' High Door, Add	333.73	
		For 10' High Door, Add	725.49	
		For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0005	PR	7' x 7' x 1-3/4" Medium Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-14)	4,739.88	871.31
		For 8' High Door, Add	395.13	
		For 10' High Door, Add	858.98	
		For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0006	EA	3' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,773.79	580.98
		For 8' High Door, Add	218.82	
		For 10' High Door, Add	475.69	
		For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0007	EA	3'-6" x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	2,798.75	580.98
		For 8' High Door, Add	221.69	
		For 10' High Door, Add	481.93	
		For 1" Insulated Glazing, Add	39.32	
08 41 13 00-0008	PR	6' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	4,636.78	871.31
		For 8' High Door, Add	383.28	
		For 10' High Door, Add	833.21	
		For 1" Insulated Glazing, Add	78.65	
08 41 13 00-0009	PR	7' x 7' x 1-3/4" Wide Stile, Aluminum Framed Entrance Doors Including Glazing, Trim And Hardware (Special-Lite SL-15)	5,158.16	871.31
		For 8' High Door, Add	443.23	
		For 10' High Door, Add	963.55	
		For 1" Insulated Glazing, Add	78.65	

08 42 Entrances (08 40)**08 42 26 All-Glass Entrances (08 42)**

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

08 42 26 00-0001	Full Glass Entrance Doors <small>(08 42 26)</small>		
	Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.		
08 42 26 00-0002	EA 3' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	3,115.78	217.76
	For Anodized Color, Add	404.05	
	For Stainless Steel, Add	1,459.08	
	For 8' High Door, Add	258.15	
	For 10' High Door, Add	561.19	
	For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0003	PR 6' x 7' x 1/2" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1/2").....	5,482.68	261.31
	For Anodized Color, Add	762.90	
	For Stainless Steel, Add	2,754.92	
	For 8' High Door, Add	487.41	
	For 10' High Door, Add	1,059.59	
	For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0004	EA 3' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	3,520.18	217.76
	For Anodized Color, Add	476.85	
	For Stainless Steel, Add	1,721.94	
	For 8' High Door, Add	304.65	
	For 10' High Door, Add	662.29	
	For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0005	PR 6' x 7' x 5/8" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 5/8").....	6,353.39	261.31
	For Anodized Color, Add	919.63	
	For Stainless Steel, Add	3,320.88	
	For 8' High Door, Add	587.54	
	For 10' High Door, Add	1,277.26	
	For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0006	EA 3' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware.....	3,922.99	217.76
	For Anodized Color, Add	549.35	
	For Stainless Steel, Add	1,983.77	
	For 8' High Door, Add	350.97	
	For 10' High Door, Add	762.99	
	For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0007	PR 6' x 7' x 3/4" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 3/4").....	7,222.67	261.31
	For Anodized Color, Add	1,076.10	
	For Stainless Steel, Add	3,885.91	
	For 8' High Door, Add	687.51	
	For 10' High Door, Add	1,494.58	
	For 1" Insulated Glazing, Add	78.65	
08 42 26 00-0008	EA 3' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware	4,730.19	217.76
	For Anodized Color, Add	694.65	
	For Stainless Steel, Add	2,508.45	
	For 8' High Door, Add	443.80	
	For 10' High Door, Add	964.79	
	For 1" Insulated Glazing, Add	39.32	
08 42 26 00-0009	PR 6' x 7' x 1" Thick Glass Entrance Door, Full Glass, Tempered, Including Trim And Hardware (Per Pair 3' x 7' x 1").....	8,962.64	261.31
	For Anodized Color, Add	1,389.29	
	For Stainless Steel, Add	5,016.90	
	For 8' High Door, Add	887.60	
	For 10' High Door, Add	1,929.58	
	For 1" Insulated Glazing, Add	78.65	

08 42 26 00-0010	Frames For Full Glass Doors <small>(08 42 26)</small>		
08 42 26 00-0011	LF Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	18.96	2.62
08 42 26 00-0012	LF Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	24.71	3.48

08 42 29 Automatic Entrances (08 42)

08 42 29 23	Sliding Automatic Entrances <small>(08 42 29)</small>		
	Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can "break-out" in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 42 29 23-0001	Bronze Finished Framed Sliding Automatic Entrances <small>(08 42 29 23)</small>		
08 42 29 23-0002	2 Panel, Bronze Finished Framed Sliding Automatic Entrance <small>(08 42 29 23-0001)</small>		
	Note: Single sliding.		
08 42 29 23-0003	EA 5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,377.98	87.11
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	90.28	
	For Emergency Egress On All Panels, Add	240.75	
08 42 29 23-0004	EA 6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,546.68	117.59
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	98.36	
	For Emergency Egress On All Panels, Add	262.30	
08 42 29 23-0005	EA 7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,684.54	130.65
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	106.74	
	For Emergency Egress On All Panels, Add	284.65	
08 42 29 23-0006	EA 8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	1,818.81	143.72
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	114.85	
	For Emergency Egress On All Panels, Add	306.27	
08 42 29 23-0007	EA 10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,378.99	174.21
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	152.29	
	For Emergency Egress On All Panels, Add	406.11	
08 42 29 23-0008	EA 12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,487.89	204.70
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	155.89	
	For Emergency Egress On All Panels, Add	415.70	

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 42 29 23-0009	EA 15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,297.52 212.04 565.43	235.18
08 42 29 23-0010	4 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001) Note: Bi-parting.		
08 42 29 23-0011	EA 12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,791.35 176.69 471.17	217.76
08 42 29 23-0012	EA 14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,061.14 193.66 516.41	239.54
08 42 29 23-0013	EA 16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,330.95 210.62 561.66	261.31
08 42 29 23-0014	EA 18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,003.23 257.78 687.41	283.09
08 42 29 23-0015	EA 20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,675.51 304.93 813.16	304.78
08 42 29 23-0016	Aluminum Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0017	2 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016) Note: Single sliding.		
08 42 29 23-0018	EA 5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,264.57 81.78 218.07	87.11
08 42 29 23-0019	EA 6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,423.14 89.10 237.59	117.59
08 42 29 23-0020	EA 7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,548.38 96.53 257.41	130.65
08 42 29 23-0021	EA 8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,674.54 104.03 277.42	143.72
08 42 29 23-0022	EA 10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,187.70 137.95 367.86	174.21
08 42 29 23-0023	EA 12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,292.08 141.20 376.54	204.70
08 42 29 23-0024	EA 15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,031.20 192.06 512.17	235.18
08 42 29 23-0025	4 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016) Note: Bi-parting.		
08 42 29 23-0026	EA 12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,569.42 160.04 426.78	217.76
08 42 29 23-0027	EA 14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,817.89 175.41 467.76	239.54
08 42 29 23-0028	EA 16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,066.37 190.78 508.75	261.31
08 42 29 23-0029	EA 18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,679.44 233.49 622.65	283.09
08 42 29 23-0030	EA 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,292.50 276.21 736.55	304.78
08 42 29 23-0031	Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0032	2 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Single sliding.		
08 42 29 23-0033	EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,569.66 104.66 279.09	87.11
08 42 29 23-0034	EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	1,755.53 114.03 304.07	117.59
08 42 29 23-0035	EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,036.51 133.14 355.04	130.65
08 42 29 23-0036	EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,332.97 153.41 409.10	143.72
08 42 29 23-0037	EA 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,702.33 176.54 470.78	174.21

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

08 42 29 23-0038	EA 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,818.85 180.71 481.89	204.70
08 42 29 23-0039	EA 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,747.73 245.80 655.47	235.18
08 42 29 23-0040	4 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0031) Note: Bi-parting.		
08 42 29 23-0041	EA 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,166.49 204.82 546.19	217.76
08 42 29 23-0042	EA 14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,472.30 224.49 598.65	239.54
08 42 29 23-0043	EA 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,778.11 244.16 651.10	261.31
08 42 29 23-0044	EA 18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,550.53 298.83 796.87	283.09
08 42 29 23-0045	EA 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,322.94 353.49 942.64	304.87
08 42 29 23-0046	Accessories For Sliding Automatic Entrances (08 42 29 23) See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0047	EA Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls..... Note: Includes motor for pair of sliding doors (2 panels).	3,677.37	791.19
08 42 29 23-0048	EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls..... Note: Includes motor for pair of sliding doors (4 panel).	6,373.47	1,186.79
08 42 29 33	Swinging Automatic Entrances (08 42 29) Note: Excludes glazing.		
08 42 29 33-0001	Swing Door Operators, Up To 350 LB Panel Weight (08 42 29 33) Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002	EA Concealed Single Door Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	2,626.76	429.85
08 42 29 33-0003	EA Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel Note: For new storefront or existing concealed operator installations.	4,394.35	573.16
08 42 29 33-0004	EA Exposed Single Door Swing Door Operator, Up To 350 LB Panel	2,174.28	343.88
08 42 29 33-0005	EA Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	3,832.29	515.81
08 42 29 33-0006	Activation Devices For Door Operators (08 42 29 33)		
08 42 29 33-0007	EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97) Note: Includes wiring harness and relays.	339.67	34.38
08 42 29 33-0008	EA On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS)..... Note: Includes wiring harness and relays.	301.27	34.38
08 42 29 33-0009	EA Microwave Motion Sensor For Door Operator (MS Sedco D38)..... Note: Includes wiring harness and relays.	304.33	34.38
08 42 29 33-0010	EA Push Plate For Door Operator (MS Sedco 59 Series)..... Note: Excludes wiring from operator to push plate.	121.27	34.38
08 42 29 33-0011	EA Jamb Mounted Push Button For Door Operator (MS Sedco 425 Series) Note: Excludes wiring from operator to push button.	102.51	34.38
08 42 29 33-0012	EA Radio Control System For Door Operator (MS Sedco Clearpath) Note: Includes receiver and two push plate transmitters.	515.84	85.97
08 42 29 33-0013	EA Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision) Note: Includes wiring harness and relays.	-64.00 734.66	42.98
08 42 29 33-0014	EA Guard Rail For Door With Operator	162.46	42.98
08 42 33	Revolving Door Entrances (08 42)		
08 42 33 00-0001	Aluminum Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	23,379.87 7,112.16 851.33	4,112.98
08 42 33 00-0003	EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	31,882.11 8,243.25 1,069.79	6,169.57
08 42 33 00-0004	EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	47,613.75 8,921.90 1,891.83	7,403.45
08 42 33 00-0005	EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	25,999.34 7,343.00 953.39	4,524.25
08 42 33 00-0006	EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	35,257.45 8,551.72 1,198.04	6,786.74

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 42 Entrances**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 42 33 00-0007	EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware..... <i>For Automatic Controls, Add</i> <i>For Powder Coated, Add</i>	53,159.67 9,374.33 2,118.65	8,143.79
08 42 33 00-0008	Stainless Steel Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	23,944.21 7,112.16	4,112.98
08 42 33 00-0010	EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	32,591.26 8,243.25	6,169.57
08 42 33 00-0011	EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	48,867.83 8,921.90	7,403.45
08 42 33 00-0012	EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	26,632.84 7,343.00	4,524.25
08 42 33 00-0013	EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	36,053.51 8,551.72	6,786.74
08 42 33 00-0014	EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware <i>For Automatic Controls, Add</i>	54,567.45 9,374.33	8,143.79
08 42 33 00-0015	Bronze Revolving Doors (08 42 33) Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	21,954.00 7,112.16	4,112.98
08 42 33 00-0017	EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	30,090.35 8,243.25	6,169.57
08 42 33 00-0018	EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	44,445.16 8,921.90	7,403.45
08 42 33 00-0019	EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	24,403.82 7,343.00	4,524.25
08 42 33 00-0020	EA 5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	33,252.49 8,551.72	6,786.74
08 42 33 00-0021	EA 6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware <i>For Automatic Controls, Add</i>	49,614.06 9,374.33	8,143.79
08 42 36	Balanced Door Entrances (08 42)		
08 42 36 00-0001	Balanced Doors, With Glass (08 42 36) Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA 2'-6" x 7'-0" Balanced Door, Stainless Steel..... <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	10,979.25 -2,594.91 1,037.97 518.98 -3,113.90	239.77
08 42 36 00-0003	EA 3'-0" x 7'-0" Balanced Door, Stainless Steel..... <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	11,400.77 -2,700.29 1,080.12 540.06 -3,240.35	239.77
08 42 36 00-0004	EA 3'-6" x 7'-0" Balanced Door, Stainless Steel..... <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	12,424.52 -2,956.23 1,182.49 591.25 -3,547.48	239.77
08 42 36 00-0005	EA 4'-0" x 7'-0" Balanced Door, Stainless Steel..... <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	13,628.97 -3,257.34 1,302.94 651.47 -3,908.81	239.77
08 42 36 00-0006	PR Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	22,741.61 -5,400.59 2,160.24 1,080.12 -6,480.71	455.70
08 43	Storefronts (08 40)		
08 43 13	Aluminum-Framed Storefronts (08 43)		
08 43 13 00-0001	Aluminum Storefront Framing (08 43 13) Note: Includes frames, steel reinforcement and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 81 26 00-0050 for insulated glazing.		
08 43 13 00-0002	SF Aluminum Storefront Framing <i>For Bronze Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	15.23 1.34 2.67 0.89	4.18
08 43 19	Stainless-Steel-Framed Storefronts (08 43)		
08 43 19 00-0001	Stainless Steel Storefront Framing (08 43 19) Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 26 00-0050 for insulated glazing.		
08 43 19 00-0002	SF Stainless Steel Storefront Framing <i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	37.98 3.14	4.36

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

08 44 Curtain Wall And Glazed Assemblies (08 40)
08 44 13 Glazed Aluminum Curtain Walls (08 44)
08 44 13 00-0001 Curtain Walls (08 44 13)
08 44 13 00-0002 Coping Sections (08 44 13 00-0001)

08 44 13 00-0003	LF	Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section.....	28.44	
		<i>For Bronze Anodized Aluminum, Add</i>	1.97	
		<i>For Stainless Steel, Add</i>	8.66	
		<i>For Black Anodized Finish, Add</i>	3.55	
08 44 13 00-0004	LF	Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section.....	29.14	2.62
		<i>For Bronze Anodized Aluminum, Add</i>	2.08	
		<i>For Stainless Steel, Add</i>	9.08	
		<i>For Black Anodized Finish, Add</i>	3.74	
08 44 13 00-0005	LF	Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section.....	35.49	3.48
		<i>For Bronze Anodized Aluminum, Add</i>	2.47	
		<i>For Stainless Steel, Add</i>	10.82	
		<i>For Black Anodized Finish, Add</i>	4.44	

08 44 13 00-0006 Sill Section (08 44 13 00-0001)

08 44 13 00-0007	LF	Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section.....	22.17	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.71	
		<i>For Stainless Steel, Add</i>	7.39	
		<i>For Black Anodized Finish, Add</i>	3.08	
08 44 13 00-0008	LF	Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section.....	23.39	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.90	
		<i>For Stainless Steel, Add</i>	8.12	
		<i>For Black Anodized Finish, Add</i>	3.41	
08 44 13 00-0009	LF	Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section.....	24.62	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	2.08	
		<i>For Stainless Steel, Add</i>	8.86	
		<i>For Black Anodized Finish, Add</i>	3.74	

08 44 13 00-0010 Aluminum Column Covers (08 44 13 00-0001)

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF	Aluminum Column Covers, 1/8" x 26", Shaped.....	53.29	4.36
		<i>For Bronze Anodized Aluminum, Add</i>	4.31	
		<i>For Stainless Steel, Add</i>	18.48	
		<i>For Black Anodized Finish, Add</i>	7.76	
08 44 13 00-0012	LF	Aluminum Column Covers, 1/8" x 34", Shaped.....	62.71	4.36
		<i>For Bronze Anodized Aluminum, Add</i>	5.51	
		<i>For Stainless Steel, Add</i>	23.32	
		<i>For Black Anodized Finish, Add</i>	9.91	
08 44 13 00-0013	LF	Aluminum Column Covers, 1/8" x 38", Shaped.....	65.97	4.36
		<i>For Bronze Anodized Aluminum, Add</i>	5.99	
		<i>For Stainless Steel, Add</i>	25.28	
		<i>For Black Anodized Finish, Add</i>	10.79	

08 44 13 00-0014 Spandrel Covers (08 44 13 00-0001)

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF	1" Spandrel Cover, Aluminum Both Faces.....	19.79	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.87	
		<i>For Stainless Steel, Add</i>	7.85	
		<i>For Black Anodized Finish, Add</i>	3.37	
08 44 13 00-0016	SF	1" Spandrel Cover, Aluminum Exterior Face.....	17.94	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.59	
		<i>For Stainless Steel, Add</i>	6.74	
		<i>For Black Anodized Finish, Add</i>	2.87	
08 44 13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces.....	33.26	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	3.89	
		<i>For Stainless Steel, Add</i>	15.93	
		<i>For Black Anodized Finish, Add</i>	7.00	
08 44 13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only.....	28.04	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	3.11	
		<i>For Stainless Steel, Add</i>	12.80	
		<i>For Black Anodized Finish, Add</i>	5.59	
08 44 13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces.....	22.90	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	2.05	
		<i>For Stainless Steel, Add</i>	8.67	
		<i>For Black Anodized Finish, Add</i>	3.69	
08 44 13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face.....	21.15	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.79	
		<i>For Stainless Steel, Add</i>	7.62	
		<i>For Black Anodized Finish, Add</i>	3.22	
08 44 13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces.....	38.57	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	4.40	
		<i>For Stainless Steel, Add</i>	18.07	
		<i>For Black Anodized Finish, Add</i>	7.92	
08 44 13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only.....	32.55	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	3.50	
		<i>For Stainless Steel, Add</i>	14.46	
		<i>For Black Anodized Finish, Add</i>	6.30	

08 Openings**08 40 Entrances, Storefronts, And Curtain Walls****08 44 Curtain Wall And Glazed Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 44 13 00-0023	Curtain Wall, Aluminum System Framing Sections <small>(08 44 13 00-0001)</small>			
	Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.			
08 44 13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls.....	19.28	1.74
		For Bronze Anodized Aluminum, Add	1.86	
		For Stainless Steel, Add	7.77	
		For Black Anodized Finish, Add	3.34	
08 44 13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls.....	19.15	1.74
		For Bronze Anodized Aluminum, Add	1.86	
		For Stainless Steel, Add	7.76	
		For Black Anodized Finish, Add	3.34	
08 44 13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls.....	19.16	1.74
		For Bronze Anodized Aluminum, Add	1.86	
		For Stainless Steel, Add	7.77	
		For Black Anodized Finish, Add	3.34	
		For Corner Mullion, Add	4.11	
08 44 13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls.....	25.25	3.48
		For Bronze Anodized Aluminum, Add	2.22	
		For Stainless Steel, Add	9.40	
		For Black Anodized Finish, Add	3.99	
08 44 13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls.....	25.25	3.48
		For Bronze Anodized Aluminum, Add	2.22	
		For Stainless Steel, Add	9.40	
		For Black Anodized Finish, Add	3.99	
08 44 13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls.....	25.25	3.48
		For Bronze Anodized Aluminum, Add	2.22	
		For Stainless Steel, Add	9.40	
		For Black Anodized Finish, Add	3.99	
		For Corner Mullion, Add	5.27	
08 44 13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls.....	27.82	3.83
		For Bronze Anodized Aluminum, Add	2.43	
		For Stainless Steel, Add	10.31	
		For Black Anodized Finish, Add	4.38	
08 44 13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls.....	27.82	3.83
		For Bronze Anodized Aluminum, Add	2.43	
		For Stainless Steel, Add	10.31	
		For Black Anodized Finish, Add	4.38	
08 44 13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls.....	27.82	3.83
		For Bronze Anodized Aluminum, Add	2.43	
		For Stainless Steel, Add	10.31	
		For Black Anodized Finish, Add	4.38	
		For Corner Mullion, Add	5.79	
08 44 13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls.....	30.53	4.36
		For Bronze Anodized Aluminum, Add	2.64	
		For Stainless Steel, Add	11.22	
		For Black Anodized Finish, Add	4.76	
08 44 13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls.....	30.53	4.36
		For Bronze Anodized Aluminum, Add	2.64	
		For Stainless Steel, Add	11.22	
		For Black Anodized Finish, Add	4.76	
08 44 13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls.....	30.53	4.36
		For Bronze Anodized Aluminum, Add	2.64	
		For Stainless Steel, Add	11.22	
		For Black Anodized Finish, Add	4.76	
		For Corner Mullion, Add	6.34	
08 44 13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls.....	33.97	4.70
		For Bronze Anodized Aluminum, Add	2.98	
		For Stainless Steel, Add	12.64	
		For Black Anodized Finish, Add	5.37	
08 44 13 00-0037	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls.....	33.97	4.70
		For Bronze Anodized Aluminum, Add	2.98	
		For Stainless Steel, Add	12.64	
		For Black Anodized Finish, Add	5.37	
08 44 13 00-0038	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls.....	33.97	4.70
		For Bronze Anodized Aluminum, Add	2.98	
		For Stainless Steel, Add	12.64	
		For Black Anodized Finish, Add	5.37	
		For Corner Mullion, Add	7.08	
08 44 13 00-0039	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls.....	38.98	5.22
		For Bronze Anodized Aluminum, Add	3.42	
		For Stainless Steel, Add	14.51	
		For Black Anodized Finish, Add	6.16	
08 44 13 00-0040	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls.....	38.98	5.22
		For Bronze Anodized Aluminum, Add	3.42	
		For Stainless Steel, Add	14.51	
		For Black Anodized Finish, Add	6.16	
08 44 13 00-0041	LF	Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls.....	38.98	5.22
		For Bronze Anodized Aluminum, Add	3.42	
		For Stainless Steel, Add	14.51	
		For Black Anodized Finish, Add	6.16	
		For Corner Mullion, Add	8.13	

08 44 26 Structural Glass Curtain Walls (08 44)**08 44 26 00-0001 Centria Exterior Closure Components (08 44 26)**

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

08 44 26 00-0002	SF	Centria CS-260, 210 Single Skin Metal Panel	43.54	
		Note: Metal Panels include panel system base, vertical joints, vertical joint covers, foam and metal closure for vertical joints, clips and attachments. Includes extruded aluminum coping with two coats of 70% Mica Kynar finish factory installed.		
08 44 26 00-0003	SF	Centria Formawall Insulated Metal Panels.....	63.69	
		Note: Includes two coats of 70% Mica Kynar finish factory installed. Includes base extrusion and coping extrusions.		
08 44 26 00-0004	LF	Centria Formawall Insulated Metal Panels Radius Column	104.89	
		Note: Includes radius coping.		
08 44 26 00-0005	LF	Centria Formawall Insulated Metal Panels Coping	20.98	
08 44 26 00-0006	SF	Centria Formawavue 3000 Thru Tube Window System Without Glass	76.75	
		Note: 20 PSF wind load with 70% Mica Kynar two coat finish factory installed.		
08 44 26 00-0007	SF	Centria Formawavue 3000 Insulated Vision Units	11.83	
		Note: Vision insulated units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface.		
08 44 26 00-0008	SF	Centria Formawavue 3000 Insulated Silkscreen Pattern Units.....	22.89	
		Note: Silkscreen units to be 1" clear tempered insulated units with PPG Solarban 60 low-e coating on the #2 surface and manufacturers standard silk screen (dots or lines) pattern on inboard lite.		
08 44 26 00-0009	LF	Centria Integrated Louver System	149.51	
		Note: Factory installed 70% Mica Kynar two coat finish. Excludes blank-off panels or insect screens.		
08 44 26 00-0010	LF	Centria Integrated Sunshade System	710.98	
		Note: Factory installed 70% Mica Kynar two coat finish.		

08 44 26 00-0011 Kalwall Exterior Closure Components (08 44 26)

08 44 26 00-0012	SF	Kalwall Translucent Panel System Standard	89.72	
		Note: 25 PSF wind load. Factory installed 70% Mica Kynar two coat finish.		
08 44 26 00-0013	SF	Kalwall Translucent Panel System High Impact.....	92.99	
08 44 26 00-0014	EA	Wind Clips.....	190.76	
		Note: 2 per connection to steel tube includes all welding, fasteners, prep, and clean up.		
08 44 26 00-0015	EA	Sill Angle With Welded Support Angles For The Kalwall System	222.56	
		Note: Includes all welding, fasteners, prep, and clean up.		
08 44 26 00-0016	EA	Kalwall Head Channel At Coping (Galvanized 16 Gauge 2 x 4.5")	10.17	
08 44 26 00-0017	EA	Kalwall Head Channel At Corners (Galvanized 16 Gauge 2 x 4.5")	44.51	

08 45 Translucent Wall And Roof Assemblies (08 40)

08 45 23 Fiberglass-Sandwich-Panel Assemblies (08 45)

08 45 23 00-0001 Translucent Fiberglass Panels 2-3/4" Thick (08 45 23)

08 45 23 00-0002	SF	<5,000 SF Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed.....	38.82	4.37
		<i>For Aluminum Frame, Add</i>	3.23	
08 45 23 00-0003	SF	>5,000 SF Translucent Fiberglass Panel 2-3/4" Thick, Metal Framed.....	35.30	3.72
		<i>For Aluminum Frame, Add</i>	2.97	

08 50 Windows (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows (08 50)

08 51 13 Aluminum Windows (08 51)

Note: All units are of standard brushed finish. See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows (08 51 13)

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows (08 51 13 00-0001)

08 51 13 00-0003 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) (08 51 13 00-0002)

08 51 13 00-0004	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	305.24	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	29.78	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.57	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	10.72	
		<i>For Clear Anodized Finish, Add</i>	8.93	
		<i>For Color Anodized Finish, Add</i>	12.51	
08 51 13 00-0005	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	340.73	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	32.06	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.12	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	12.37	
		<i>For Clear Anodized Finish, Add</i>	10.31	
		<i>For Color Anodized Finish, Add</i>	14.44	
08 51 13 00-0006	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	371.43	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	34.21	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.58	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	13.74	
		<i>For Clear Anodized Finish, Add</i>	11.45	
		<i>For Color Anodized Finish, Add</i>	16.03	
08 51 13 00-0007	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	397.32	90.20
		<i>For Installation In Concrete Or Masonry, Add</i>	36.24	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.94	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	14.82	
		<i>For Clear Anodized Finish, Add</i>	12.35	
		<i>For Color Anodized Finish, Add</i>	17.29	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0008	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	451.99	94.94
		<i>For Installation In Concrete Or Masonry, Add</i>	38.99	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.88	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	17.63	
		<i>For Clear Anodized Finish, Add</i>	14.69	
		<i>For Color Anodized Finish, Add</i>	20.56	
08 51 13 00-0009	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	14.55	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.20	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.20	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	0.59	
		<i>For Clear Anodized Finish, Add</i>	0.49	
		<i>For Color Anodized Finish, Add</i>	0.69	
08 51 13 00-0010		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0011	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	432.33	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	32.96	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.11	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	18.34	
		<i>For Clear Anodized Finish, Add</i>	15.29	
		<i>For Color Anodized Finish, Add</i>	21.40	
08 51 13 00-0012	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	478.61	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	35.50	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.88	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	20.65	
		<i>For Clear Anodized Finish, Add</i>	17.21	
		<i>For Color Anodized Finish, Add</i>	24.09	
08 51 13 00-0013	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	517.71	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	37.87	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.51	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	22.52	
		<i>For Clear Anodized Finish, Add</i>	18.76	
		<i>For Color Anodized Finish, Add</i>	26.27	
08 51 13 00-0014	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	555.59	90.20
		<i>For Installation In Concrete Or Masonry, Add</i>	40.20	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.11	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	24.32	
		<i>For Clear Anodized Finish, Add</i>	20.26	
		<i>For Color Anodized Finish, Add</i>	28.37	
08 51 13 00-0015	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	653.42	94.94
		<i>For Installation In Concrete Or Masonry, Add</i>	44.03	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.90	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	29.71	
		<i>For Clear Anodized Finish, Add</i>	24.76	
		<i>For Color Anodized Finish, Add</i>	34.66	
08 51 13 00-0016	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	21.26	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.36	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.33	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	0.99	
		<i>For Clear Anodized Finish, Add</i>	0.83	
		<i>For Color Anodized Finish, Add</i>	1.16	
08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	453.92	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	33.50	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.55	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	19.64	
		<i>For Clear Anodized Finish, Add</i>	16.37	
		<i>For Color Anodized Finish, Add</i>	22.91	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	508.59	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	36.25	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.48	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	22.45	
		<i>For Clear Anodized Finish, Add</i>	18.70	
		<i>For Color Anodized Finish, Add</i>	26.19	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	553.68	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	38.77	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.23	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	24.68	
		<i>For Clear Anodized Finish, Add</i>	20.56	
		<i>For Color Anodized Finish, Add</i>	28.79	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	597.56	90.20
		<i>For Installation In Concrete Or Masonry, Add</i>	41.25	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.94	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	26.83	
		<i>For Clear Anodized Finish, Add</i>	22.36	
		<i>For Color Anodized Finish, Add</i>	31.31	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	704.97	94.94
		<i>For Installation In Concrete Or Masonry, Add</i>	45.31	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.93	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	32.80	
		<i>For Clear Anodized Finish, Add</i>	27.34	
		<i>For Color Anodized Finish, Add</i>	38.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0023	SF	>30	SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	22.97 1.41 0.36 1.09 0.91 1.28	2.85
08 51 13 00-0024 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) (08 51 13 00-0002)					
08 51 13 00-0025	EA	Up To 6	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)..... <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	494.68 34.52 7.36 22.09 18.40 25.77	75.95
08 51 13 00-0026	EA	>6 To 10	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	564.94 37.66 8.61 25.83 21.52 30.13	80.70
08 51 13 00-0027	EA	>10 To 15	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	611.23 40.20 9.38 28.13 23.44 32.82	85.44
08 51 13 00-0028	EA	>15 To 20	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	655.11 42.69 10.10 30.29 25.24 35.33	90.20
08 51 13 00-0029	EA	>20 To 30	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	754.13 46.54 11.92 35.75 29.80 41.71	94.94
08 51 13 00-0030	SF	>30	SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	24.62 1.45 0.40 1.19 0.99 1.39	2.85
08 51 13 00-0031 Double Hung Aluminum Windows (08 51 13 00-0001)					
08 51 13 00-0032 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) (08 51 13 00-0031)					
08 51 13 00-0033	EA	Up To 6	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	337.61 30.59 4.22 12.66 10.55 14.77	75.95
08 51 13 00-0034	EA	>6 To 10	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	371.90 32.84 4.75 14.24 11.87 16.62	80.70
08 51 13 00-0035	EA	>10 To 15	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	401.40 34.96 5.18 15.54 12.95 18.13	85.44
08 51 13 00-0036	EA	>15 To 20	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	432.09 37.11 5.64 16.91 14.09 19.72	90.20
08 51 13 00-0037	EA	>20 To 30	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	498.75 40.16 6.81 20.43 17.03 23.84	94.94
08 51 13 00-0038	SF	>30	SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000)..... <i>For Installation In Concrete Or Masonry, Add</i> <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duranar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	16.10 1.23 0.23 0.68 0.57 0.79	2.85

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
08 51 13 00-0039	4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) <small>(08 51 13 00-0031)</small>		
08 51 13 00-0040	EA Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	405.96	75.95
	For Installation In Concrete Or Masonry, Add	32.30	
	For 50% Fluoropolymer Finish (Acrynar), Add	5.59	
	For 70% Fluoropolymer Finish (Durandar), Add	16.76	
	For Clear Anodized Finish, Add	13.97	
	For Color Anodized Finish, Add	19.56	
08 51 13 00-0041	EA >6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	466.62	80.70
	For Installation In Concrete Or Masonry, Add	35.20	
	For 50% Fluoropolymer Finish (Acrynar), Add	6.64	
	For 70% Fluoropolymer Finish (Durandar), Add	19.93	
	For Clear Anodized Finish, Add	16.61	
	For Color Anodized Finish, Add	23.25	
08 51 13 00-0042	EA >10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	516.51	85.44
	For Installation In Concrete Or Masonry, Add	37.84	
	For 50% Fluoropolymer Finish (Acrynar), Add	7.48	
	For 70% Fluoropolymer Finish (Durandar), Add	22.45	
	For Clear Anodized Finish, Add	18.70	
	For Color Anodized Finish, Add	26.19	
08 51 13 00-0043	EA >15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	572.38	90.20
	For Installation In Concrete Or Masonry, Add	40.62	
	For 50% Fluoropolymer Finish (Acrynar), Add	8.44	
	For 70% Fluoropolymer Finish (Durandar), Add	25.32	
	For Clear Anodized Finish, Add	21.10	
	For Color Anodized Finish, Add	29.54	
08 51 13 00-0044	EA >20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	672.60	94.94
	For Installation In Concrete Or Masonry, Add	44.51	
	For 50% Fluoropolymer Finish (Acrynar), Add	10.29	
	For 70% Fluoropolymer Finish (Durandar), Add	30.86	
	For Clear Anodized Finish, Add	25.72	
	For Color Anodized Finish, Add	36.01	
08 51 13 00-0045	SF >30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	21.90	2.85
	For Installation In Concrete Or Masonry, Add	1.38	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.34	
	For 70% Fluoropolymer Finish (Durandar), Add	1.03	
	For Clear Anodized Finish, Add	0.86	
	For Color Anodized Finish, Add	1.20	
08 51 13 00-0046	4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) <small>(08 51 13 00-0031)</small>		
08 51 13 00-0047	EA Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	500.68	75.95
	For Installation In Concrete Or Masonry, Add	34.67	
	For 50% Fluoropolymer Finish (Acrynar), Add	7.48	
	For 70% Fluoropolymer Finish (Durandar), Add	22.45	
	For Clear Anodized Finish, Add	18.70	
	For Color Anodized Finish, Add	26.19	
08 51 13 00-0048	EA >6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	570.94	80.70
	For Installation In Concrete Or Masonry, Add	37.81	
	For 50% Fluoropolymer Finish (Acrynar), Add	8.73	
	For 70% Fluoropolymer Finish (Durandar), Add	26.19	
	For Clear Anodized Finish, Add	21.82	
	For Color Anodized Finish, Add	30.55	
08 51 13 00-0049	EA >10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	630.41	85.44
	For Installation In Concrete Or Masonry, Add	40.68	
	For 50% Fluoropolymer Finish (Acrynar), Add	9.76	
	For 70% Fluoropolymer Finish (Durandar), Add	29.28	
	For Clear Anodized Finish, Add	24.40	
	For Color Anodized Finish, Add	34.16	
08 51 13 00-0050	EA >15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	688.68	90.20
	For Installation In Concrete Or Masonry, Add	43.52	
	For 50% Fluoropolymer Finish (Acrynar), Add	10.77	
	For 70% Fluoropolymer Finish (Durandar), Add	32.30	
	For Clear Anodized Finish, Add	26.92	
	For Color Anodized Finish, Add	37.68	
08 51 13 00-0051	EA >20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	824.87	94.94
	For Installation In Concrete Or Masonry, Add	48.31	
	For 50% Fluoropolymer Finish (Acrynar), Add	13.33	
	For 70% Fluoropolymer Finish (Durandar), Add	40.00	
	For Clear Anodized Finish, Add	33.33	
	For Color Anodized Finish, Add	46.66	
08 51 13 00-0052	SF >30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	26.97	2.85
	For Installation In Concrete Or Masonry, Add	1.51	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.44	
	For 70% Fluoropolymer Finish (Durandar), Add	1.33	
	For Clear Anodized Finish, Add	1.11	
	For Color Anodized Finish, Add	1.56	
08 51 13 00-0053	4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) <small>(08 51 13 00-0031)</small>		
08 51 13 00-0054	EA Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	761.58	80.70
	For Installation In Concrete Or Masonry, Add	42.58	
	For 50% Fluoropolymer Finish (Acrynar), Add	12.54	
	For 70% Fluoropolymer Finish (Durandar), Add	37.62	
	For Clear Anodized Finish, Add	31.35	
	For Color Anodized Finish, Add	43.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0055	EA	>10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	833.04	85.44	
		<i>For Installation In Concrete Or Masonry, Add</i>	45.75		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.81		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	41.44		
		<i>For Clear Anodized Finish, Add</i>	34.53		
		<i>For Color Anodized Finish, Add</i>	48.34		
08 51 13 00-0056	EA	>15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	916.49	90.20	
		<i>For Installation In Concrete Or Masonry, Add</i>	49.22		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.32		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	45.97		
		<i>For Clear Anodized Finish, Add</i>	38.31		
		<i>For Color Anodized Finish, Add</i>	53.63		
08 51 13 00-0057	EA	>20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	1,055.08	94.94	
		<i>For Installation In Concrete Or Masonry, Add</i>	54.07		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.94		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	53.81		
		<i>For Clear Anodized Finish, Add</i>	44.84		
		<i>For Color Anodized Finish, Add</i>	62.78		
08 51 13 00-0058	SF	>30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900)	34.61	2.85	
		<i>For Installation In Concrete Or Masonry, Add</i>	1.70		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.60		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.79		
		<i>For Clear Anodized Finish, Add</i>	1.49		
		<i>For Color Anodized Finish, Add</i>	2.09		
08 51 13 00-0059 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08 51 13 00-0031)					
08 51 13 00-0060	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,032.55	80.70	
		<i>For Installation In Concrete Or Masonry, Add</i>	49.35		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.96		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	53.88		
		<i>For Clear Anodized Finish, Add</i>	44.90		
		<i>For Color Anodized Finish, Add</i>	62.86		
08 51 13 00-0061	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,112.41	85.44	
		<i>For Installation In Concrete Or Masonry, Add</i>	52.73		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.40		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	58.20		
		<i>For Clear Anodized Finish, Add</i>	48.50		
		<i>For Color Anodized Finish, Add</i>	67.90		
08 51 13 00-0062	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,203.05	90.20	
		<i>For Installation In Concrete Or Masonry, Add</i>	56.38		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.05		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	63.16		
		<i>For Clear Anodized Finish, Add</i>	52.64		
		<i>For Color Anodized Finish, Add</i>	73.69		
08 51 13 00-0063	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	1,358.43	94.94	
		<i>For Installation In Concrete Or Masonry, Add</i>	61.65		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	24.00		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	72.01		
		<i>For Clear Anodized Finish, Add</i>	60.01		
		<i>For Color Anodized Finish, Add</i>	84.01		
08 51 13 00-0064	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600)	44.80	2.85	
		<i>For Installation In Concrete Or Masonry, Add</i>	1.95		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.80		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	2.40		
		<i>For Clear Anodized Finish, Add</i>	2.00		
		<i>For Color Anodized Finish, Add</i>	2.80		
08 51 13 00-0065 Horizontal Sliding Aluminum Windows (08 51 13 00-0001)					
08 51 13 00-0066 One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)					
08 51 13 00-0067 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) (08 51 13 00-0066)					
08 51 13 00-0068	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	311.24	75.95	
		<i>For Installation In Concrete Or Masonry, Add</i>	29.93		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.69		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	11.08		
		<i>For Clear Anodized Finish, Add</i>	9.23		
		<i>For Color Anodized Finish, Add</i>	12.93		
08 51 13 00-0069	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	347.92	80.70	
		<i>For Installation In Concrete Or Masonry, Add</i>	32.24		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.27		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	12.81		
		<i>For Clear Anodized Finish, Add</i>	10.67		
		<i>For Color Anodized Finish, Add</i>	14.94		
08 51 13 00-0070	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	376.22	85.44	
		<i>For Installation In Concrete Or Masonry, Add</i>	34.33		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.68		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	14.03		
		<i>For Clear Anodized Finish, Add</i>	11.69		
		<i>For Color Anodized Finish, Add</i>	16.37		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0071	EA		>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	405.72	90.20
			For Installation In Concrete Or Masonry, Add	36.45	
			For 50% Fluoropolymer Finish (Acrynar), Add	5.11	
			For 70% Fluoropolymer Finish (Durandar), Add	15.32	
			For Clear Anodized Finish, Add	12.77	
			For Color Anodized Finish, Add	17.88	
08 51 13 00-0072	EA		>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	462.78	94.94
			For Installation In Concrete Or Masonry, Add	39.26	
			For 50% Fluoropolymer Finish (Acrynar), Add	6.09	
			For 70% Fluoropolymer Finish (Durandar), Add	18.27	
			For Clear Anodized Finish, Add	15.23	
			For Color Anodized Finish, Add	21.32	
08 51 13 00-0073	SF		>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400)	14.91	2.85
			For Installation In Concrete Or Masonry, Add	1.20	
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For 70% Fluoropolymer Finish (Durandar), Add	0.61	
			For Clear Anodized Finish, Add	0.51	
			For Color Anodized Finish, Add	0.71	
08 51 13 00-0074			3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) (08 51 13 00-0066)		
08 51 13 00-0075	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	463.51	75.95
			For Installation In Concrete Or Masonry, Add	33.74	
			For 50% Fluoropolymer Finish (Acrynar), Add	6.74	
			For 70% Fluoropolymer Finish (Durandar), Add	20.22	
			For Clear Anodized Finish, Add	16.85	
			For Color Anodized Finish, Add	23.58	
08 51 13 00-0076	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	519.38	80.70
			For Installation In Concrete Or Masonry, Add	36.52	
			For 50% Fluoropolymer Finish (Acrynar), Add	7.70	
			For 70% Fluoropolymer Finish (Durandar), Add	23.09	
			For Clear Anodized Finish, Add	19.24	
			For Color Anodized Finish, Add	26.94	
08 51 13 00-0077	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	564.47	85.44
			For Installation In Concrete Or Masonry, Add	39.04	
			For 50% Fluoropolymer Finish (Acrynar), Add	8.44	
			For 70% Fluoropolymer Finish (Durandar), Add	25.32	
			For Clear Anodized Finish, Add	21.10	
			For Color Anodized Finish, Add	29.54	
08 51 13 00-0078	EA		>15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	608.35	90.20
			For Installation In Concrete Or Masonry, Add	41.52	
			For 50% Fluoropolymer Finish (Acrynar), Add	9.16	
			For 70% Fluoropolymer Finish (Durandar), Add	27.48	
			For Clear Anodized Finish, Add	22.90	
			For Color Anodized Finish, Add	32.06	
08 51 13 00-0079	EA		>20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	700.18	94.94
			For Installation In Concrete Or Masonry, Add	45.19	
			For 50% Fluoropolymer Finish (Acrynar), Add	10.84	
			For 70% Fluoropolymer Finish (Durandar), Add	32.52	
			For Clear Anodized Finish, Add	27.10	
			For Color Anodized Finish, Add	37.94	
08 51 13 00-0080	SF		>30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	22.82	2.85
			For Installation In Concrete Or Masonry, Add	1.40	
			For 50% Fluoropolymer Finish (Acrynar), Add	0.36	
			For 70% Fluoropolymer Finish (Durandar), Add	1.08	
			For Clear Anodized Finish, Add	0.90	
			For Color Anodized Finish, Add	1.26	
08 51 13 00-0081			Two Rolling Sashes, Horizontal Sliding Aluminum Windows (08 51 13 00-0065)		
08 51 13 00-0082			3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) (08 51 13 00-0081)		
08 51 13 00-0083	EA		Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	342.41	75.95
			For Installation In Concrete Or Masonry, Add	30.71	
			For 50% Fluoropolymer Finish (Acrynar), Add	4.32	
			For 70% Fluoropolymer Finish (Durandar), Add	12.95	
			For Clear Anodized Finish, Add	10.79	
			For Color Anodized Finish, Add	15.11	
08 51 13 00-0084	EA		>6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	388.69	80.70
			For Installation In Concrete Or Masonry, Add	33.25	
			For 50% Fluoropolymer Finish (Acrynar), Add	5.08	
			For 70% Fluoropolymer Finish (Durandar), Add	15.25	
			For Clear Anodized Finish, Add	12.71	
			For Color Anodized Finish, Add	17.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0085	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	420.59	85.44	
		<i>For Installation In Concrete Or Masonry, Add</i>	35.44		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.56		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	16.69		
		<i>For Clear Anodized Finish, Add</i>	13.91		
		<i>For Color Anodized Finish, Add</i>	19.47		
08 51 13 00-0086	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	447.68	90.20	
		<i>For Installation In Concrete Or Masonry, Add</i>	37.50		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.95		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	17.84		
		<i>For Clear Anodized Finish, Add</i>	14.87		
		<i>For Color Anodized Finish, Add</i>	20.81		
08 51 13 00-0087	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	511.93	94.94	
		<i>For Installation In Concrete Or Masonry, Add</i>	40.49		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.07		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	21.22		
		<i>For Clear Anodized Finish, Add</i>	17.69		
		<i>For Color Anodized Finish, Add</i>	24.76		
08 51 13 00-0088	SF	>30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000)	16.54	2.85	
		<i>For Installation In Concrete Or Masonry, Add</i>	1.24		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.24		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	0.71		
		<i>For Clear Anodized Finish, Add</i>	0.59		
		<i>For Color Anodized Finish, Add</i>	0.83		
08 51 13 00-0089		Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows <small>(08 51 13 00-0065)</small>			
08 51 13 00-0090		4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) <small>(08 51 13 00-0089)</small>			
08 51 13 00-0091	EA	Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	796.83	75.95	
		<i>For Installation In Concrete Or Masonry, Add</i>	42.07		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.40		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	40.21		
		<i>For Clear Anodized Finish, Add</i>	33.51		
		<i>For Color Anodized Finish, Add</i>	46.92		
08 51 13 00-0092	EA	>12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	917.33	87.82	
		<i>For Installation In Concrete Or Masonry, Add</i>	48.55		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.42		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	46.26		
		<i>For Clear Anodized Finish, Add</i>	38.55		
		<i>For Color Anodized Finish, Add</i>	53.97		
08 51 13 00-0093	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	989.98	92.57	
		<i>For Installation In Concrete Or Masonry, Add</i>	51.75		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.71		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	50.14		
		<i>For Clear Anodized Finish, Add</i>	41.79		
		<i>For Color Anodized Finish, Add</i>	58.50		
08 51 13 00-0094	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,192.01	104.44	
		<i>For Installation In Concrete Or Masonry, Add</i>	60.26		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	20.36		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	61.08		
		<i>For Clear Anodized Finish, Add</i>	50.90		
		<i>For Color Anodized Finish, Add</i>	71.26		
08 51 13 00-0095	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,375.22	118.68	
		<i>For Installation In Concrete Or Masonry, Add</i>	69.00		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	23.55		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	70.65		
		<i>For Clear Anodized Finish, Add</i>	58.87		
		<i>For Color Anodized Finish, Add</i>	82.42		
08 51 13 00-0096	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	24.37	2.85	
		<i>For Installation In Concrete Or Masonry, Add</i>	1.44		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.39		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.18		
		<i>For Clear Anodized Finish, Add</i>	0.98		
		<i>For Color Anodized Finish, Add</i>	1.37		
08 51 13 00-0097		Fixed Aluminum Windows <small>(08 51 13 00-0001)</small>			
08 51 13 00-0098		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) <small>(08 51 13 00-0097)</small>			
08 51 13 00-0099	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	254.88	75.95	
		<i>For Installation In Concrete Or Masonry, Add</i>	28.53		
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	2.57		
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	7.70		
		<i>For Clear Anodized Finish, Add</i>	6.41		
		<i>For Color Anodized Finish, Add</i>	8.98		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0100	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	286.77	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	30.71	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.05	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	9.14	
		<i>For Clear Anodized Finish, Add</i>	7.61	
		<i>For Color Anodized Finish, Add</i>	10.66	
08 51 13 00-0101	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	303.09	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	32.50	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.21	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	9.64	
		<i>For Clear Anodized Finish, Add</i>	8.03	
		<i>For Color Anodized Finish, Add</i>	11.25	
08 51 13 00-0102	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	319.39	90.20
		<i>For Installation In Concrete Or Masonry, Add</i>	34.29	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.38	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	10.14	
		<i>For Clear Anodized Finish, Add</i>	8.45	
		<i>For Color Anodized Finish, Add</i>	11.83	
08 51 13 00-0103	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	405.22	94.94
		<i>For Installation In Concrete Or Masonry, Add</i>	37.82	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.94	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	14.82	
		<i>For Clear Anodized Finish, Add</i>	12.35	
		<i>For Color Anodized Finish, Add</i>	17.29	
08 51 13 00-0104	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280)	12.99	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.16	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.16	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	0.49	
		<i>For Clear Anodized Finish, Add</i>	0.41	
		<i>For Color Anodized Finish, Add</i>	0.58	
08 51 13 00-0105		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) <small>(08 51 13 00-0097)</small>		
08 51 13 00-0106	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	307.64	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	29.84	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.62	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	10.86	
		<i>For Clear Anodized Finish, Add</i>	9.05	
		<i>For Color Anodized Finish, Add</i>	12.67	
08 51 13 00-0107	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	347.92	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	32.24	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.27	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	12.81	
		<i>For Clear Anodized Finish, Add</i>	10.67	
		<i>For Color Anodized Finish, Add</i>	14.94	
08 51 13 00-0108	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	373.83	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	34.27	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	4.63	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	13.88	
		<i>For Clear Anodized Finish, Add</i>	11.57	
		<i>For Color Anodized Finish, Add</i>	16.20	
08 51 13 00-0109	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	400.92	90.20
		<i>For Installation In Concrete Or Masonry, Add</i>	36.33	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.01	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	15.04	
		<i>For Clear Anodized Finish, Add</i>	12.53	
		<i>For Color Anodized Finish, Add</i>	17.54	
08 51 13 00-0110	EA	>20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	511.93	94.94
		<i>For Installation In Concrete Or Masonry, Add</i>	40.49	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.07	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	21.22	
		<i>For Clear Anodized Finish, Add</i>	17.69	
		<i>For Color Anodized Finish, Add</i>	24.76	
08 51 13 00-0111	SF	>30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800)	16.54	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.24	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.24	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	0.71	
		<i>For Clear Anodized Finish, Add</i>	0.59	
		<i>For Color Anodized Finish, Add</i>	0.83	
08 51 13 00-0112		3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900) <small>(08 51 13 00-0097)</small>		
08 51 13 00-0113	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	271.67	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	28.95	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	2.90	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	8.70	
		<i>For Clear Anodized Finish, Add</i>	7.25	
		<i>For Color Anodized Finish, Add</i>	10.16	
08 51 13 00-0114	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900)	311.95	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	31.34	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	3.55	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	10.65	
		<i>For Clear Anodized Finish, Add</i>	8.87	
		<i>For Color Anodized Finish, Add</i>	12.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51	13 00-0115	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	335.46	85.44
			For Installation In Concrete Or Masonry, Add	33.31	
			For 50% Fluoropolymer Finish (Acrynar), Add	3.86	
			For 70% Fluoropolymer Finish (Duranar), Add	11.58	
			For Clear Anodized Finish, Add	9.65	
			For Color Anodized Finish, Add	13.51	
08 51	13 00-0116	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	360.15	90.20
			For Installation In Concrete Or Masonry, Add	35.31	
			For 50% Fluoropolymer Finish (Acrynar), Add	4.20	
			For 70% Fluoropolymer Finish (Duranar), Add	12.59	
			For Clear Anodized Finish, Add	10.49	
			For Color Anodized Finish, Add	14.69	
08 51	13 00-0117	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	465.17	94.94
			For Installation In Concrete Or Masonry, Add	39.32	
			For 50% Fluoropolymer Finish (Acrynar), Add	6.14	
			For 70% Fluoropolymer Finish (Duranar), Add	18.42	
			For Clear Anodized Finish, Add	15.35	
			For Color Anodized Finish, Add	21.49	
08 51	13 00-0118	SF	>30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7900).....	14.98	2.85
			For Installation In Concrete Or Masonry, Add	1.21	
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For 70% Fluoropolymer Finish (Duranar), Add	0.61	
			For Clear Anodized Finish, Add	0.51	
			For Color Anodized Finish, Add	0.72	
08 51	13 00-0119		4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) (08 51 13 00-0097)		
08 51	13 00-0120	EA	Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	270.47	75.95
			For Installation In Concrete Or Masonry, Add	28.92	
			For 50% Fluoropolymer Finish (Acrynar), Add	2.88	
			For 70% Fluoropolymer Finish (Duranar), Add	8.63	
			For Clear Anodized Finish, Add	7.19	
			For Color Anodized Finish, Add	10.07	
08 51	13 00-0121	EA	>6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	307.16	80.70
			For Installation In Concrete Or Masonry, Add	31.22	
			For 50% Fluoropolymer Finish (Acrynar), Add	3.45	
			For 70% Fluoropolymer Finish (Duranar), Add	10.36	
			For Clear Anodized Finish, Add	8.63	
			For Color Anodized Finish, Add	12.09	
08 51	13 00-0122	EA	>10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	330.66	85.44
			For Installation In Concrete Or Masonry, Add	33.19	
			For 50% Fluoropolymer Finish (Acrynar), Add	3.76	
			For 70% Fluoropolymer Finish (Duranar), Add	11.29	
			For Clear Anodized Finish, Add	9.41	
			For Color Anodized Finish, Add	13.18	
08 51	13 00-0123	EA	>15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	355.36	90.20
			For Installation In Concrete Or Masonry, Add	35.19	
			For 50% Fluoropolymer Finish (Acrynar), Add	4.10	
			For 70% Fluoropolymer Finish (Duranar), Add	12.30	
			For Clear Anodized Finish, Add	10.25	
			For Color Anodized Finish, Add	14.35	
08 51	13 00-0124	EA	>20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	460.38	94.94
			For Installation In Concrete Or Masonry, Add	39.20	
			For 50% Fluoropolymer Finish (Acrynar), Add	6.04	
			For 70% Fluoropolymer Finish (Duranar), Add	18.13	
			For Clear Anodized Finish, Add	15.11	
			For Color Anodized Finish, Add	21.15	
08 51	13 00-0125	SF	>30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	14.82	2.85
			For Installation In Concrete Or Masonry, Add	1.20	
			For 50% Fluoropolymer Finish (Acrynar), Add	0.20	
			For 70% Fluoropolymer Finish (Duranar), Add	0.60	
			For Clear Anodized Finish, Add	0.50	
			For Color Anodized Finish, Add	0.70	
08 51	13 00-0126		Projected Aluminum Windows (08 51 13 00-0001)		
08 51	13 00-0127		Single Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51	13 00-0128		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0127)		
08 51	13 00-0129	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250).....	345.05	75.95
			For Installation In Concrete Or Masonry, Add	30.78	
			For 50% Fluoropolymer Finish (Acrynar), Add	4.37	
			For 70% Fluoropolymer Finish (Duranar), Add	13.11	
			For Clear Anodized Finish, Add	10.92	
			For Color Anodized Finish, Add	15.29	
08 51	13 00-0130	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	372.98	80.70
			For Installation In Concrete Or Masonry, Add	32.86	
			For 50% Fluoropolymer Finish (Acrynar), Add	4.77	
			For 70% Fluoropolymer Finish (Duranar), Add	14.31	
			For Clear Anodized Finish, Add	11.92	
			For Color Anodized Finish, Add	16.69	
08 51	13 00-0131	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	405.00	85.44
			For Installation In Concrete Or Masonry, Add	35.05	
			For 50% Fluoropolymer Finish (Acrynar), Add	5.25	
			For 70% Fluoropolymer Finish (Duranar), Add	15.75	
			For Clear Anodized Finish, Add	13.13	
			For Color Anodized Finish, Add	18.38	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0132	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	22.26	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.39	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.35	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.05	
		<i>For Clear Anodized Finish, Add</i>	0.88	
		<i>For Color Anodized Finish, Add</i>	1.23	
08 51 13 00-0133		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) <small>(08 51 13 00-0127)</small>		
08 51 13 00-0134	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	451.05	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	33.43	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.49	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	19.47	
		<i>For Clear Anodized Finish, Add</i>	16.22	
		<i>For Color Anodized Finish, Add</i>	22.71	
08 51 13 00-0135	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	496.49	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	35.95	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.24	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	21.72	
		<i>For Clear Anodized Finish, Add</i>	18.10	
		<i>For Color Anodized Finish, Add</i>	25.34	
08 51 13 00-0136	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	548.88	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	38.65	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.13	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	24.39	
		<i>For Clear Anodized Finish, Add</i>	20.32	
		<i>For Color Anodized Finish, Add</i>	28.45	
08 51 13 00-0137	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	31.85	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.63	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.54	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.63	
		<i>For Clear Anodized Finish, Add</i>	1.36	
		<i>For Color Anodized Finish, Add</i>	1.90	
08 51 13 00-0138		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) <small>(08 51 13 00-0127)</small>		
08 51 13 00-0139	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	490.81	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	34.42	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.28	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	21.85	
		<i>For Clear Anodized Finish, Add</i>	18.21	
		<i>For Color Anodized Finish, Add</i>	25.50	
08 51 13 00-0140	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	542.80	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	37.11	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.17	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	24.50	
		<i>For Clear Anodized Finish, Add</i>	20.42	
		<i>For Color Anodized Finish, Add</i>	28.58	
08 51 13 00-0141	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	602.84	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	39.99	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.21	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	27.63	
		<i>For Clear Anodized Finish, Add</i>	23.02	
		<i>For Color Anodized Finish, Add</i>	32.23	
08 51 13 00-0142	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	35.44	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.72	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.61	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.84	
		<i>For Clear Anodized Finish, Add</i>	1.53	
		<i>For Color Anodized Finish, Add</i>	2.15	
08 51 13 00-0143		3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) <small>(08 51 13 00-0127)</small>		
08 51 13 00-0144	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	518.20	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	35.11	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.83	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	23.50	
		<i>For Clear Anodized Finish, Add</i>	19.58	
		<i>For Color Anodized Finish, Add</i>	27.41	
08 51 13 00-0145	EA	>6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	574.70	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	37.91	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.80	
		<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	26.41	
		<i>For Clear Anodized Finish, Add</i>	22.01	
		<i>For Color Anodized Finish, Add</i>	30.81	

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

08 51 13 00-0146	EA	>10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	640.00	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	40.92	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.95	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	29.85	
		<i>For Clear Anodized Finish, Add</i>	24.88	
		<i>For Color Anodized Finish, Add</i>	34.83	
08 51 13 00-0147	SF	>15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	37.93	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.78	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.66	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	1.99	
		<i>For Clear Anodized Finish, Add</i>	1.66	
		<i>For Color Anodized Finish, Add</i>	2.32	
08 51 13 00-0148		4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0127)		
08 51 13 00-0149	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	514.66	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	35.02	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.76	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	23.28	
		<i>For Clear Anodized Finish, Add</i>	19.40	
		<i>For Color Anodized Finish, Add</i>	27.16	
08 51 13 00-0150	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	570.59	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	37.80	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.72	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	26.17	
		<i>For Clear Anodized Finish, Add</i>	21.80	
		<i>For Color Anodized Finish, Add</i>	30.53	
08 51 13 00-0151	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	635.21	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	40.80	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.86	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	29.57	
		<i>For Clear Anodized Finish, Add</i>	24.64	
		<i>For Color Anodized Finish, Add</i>	34.50	
08 51 13 00-0152	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	37.60	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.77	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.66	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	1.97	
		<i>For Clear Anodized Finish, Add</i>	1.64	
		<i>For Color Anodized Finish, Add</i>	2.30	
08 51 13 00-0153		Fixed Over Vent, Projected Aluminum Windows (08 51 13 00-0126)		
08 51 13 00-0154		2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) (08 51 13 00-0153)		
08 51 13 00-0155	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	460.78	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	33.67	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.68	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	20.05	
		<i>For Clear Anodized Finish, Add</i>	16.71	
		<i>For Color Anodized Finish, Add</i>	23.39	
08 51 13 00-0156	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	507.81	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	36.23	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.47	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	22.40	
		<i>For Clear Anodized Finish, Add</i>	18.67	
		<i>For Color Anodized Finish, Add</i>	26.13	
08 51 13 00-0157	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	562.07	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	38.98	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.39	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	25.18	
		<i>For Clear Anodized Finish, Add</i>	20.98	
		<i>For Color Anodized Finish, Add</i>	29.38	
08 51 13 00-0158	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	32.69	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	1.65	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.56	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	1.68	
		<i>For Clear Anodized Finish, Add</i>	1.40	
		<i>For Color Anodized Finish, Add</i>	1.96	
08 51 13 00-0159		2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) (08 51 13 00-0153)		
08 51 13 00-0160	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	628.62	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	37.87	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.04	
		<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	30.12	
		<i>For Clear Anodized Finish, Add</i>	25.10	
		<i>For Color Anodized Finish, Add</i>	35.14	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 13 00-0161	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	703.35	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	41.12	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.38	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	34.13	
		<i>For Clear Anodized Finish, Add</i>	28.44	
		<i>For Color Anodized Finish, Add</i>	39.82	
08 51 13 00-0162	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	789.88	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	44.67	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.95	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	38.85	
		<i>For Clear Anodized Finish, Add</i>	32.37	
		<i>For Color Anodized Finish, Add</i>	45.32	
08 51 13 00-0163	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	47.91	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	2.03	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.86	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	2.59	
		<i>For Clear Anodized Finish, Add</i>	2.16	
		<i>For Color Anodized Finish, Add</i>	3.02	

08 51 13 00-0164 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) (08 51 13 00-0153)

08 51 13 00-0165	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	663.96	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	38.75	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.75	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	32.24	
		<i>For Clear Anodized Finish, Add</i>	26.87	
		<i>For Color Anodized Finish, Add</i>	37.62	
08 51 13 00-0166	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	744.52	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	42.15	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.20	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.60	
		<i>For Clear Anodized Finish, Add</i>	30.50	
		<i>For Color Anodized Finish, Add</i>	42.70	
08 51 13 00-0167	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	837.84	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	45.87	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.91	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	41.73	
		<i>For Clear Anodized Finish, Add</i>	34.77	
		<i>For Color Anodized Finish, Add</i>	48.68	
08 51 13 00-0168	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	51.03	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	2.11	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.93	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	2.78	
		<i>For Clear Anodized Finish, Add</i>	2.31	
		<i>For Color Anodized Finish, Add</i>	3.24	

08 51 13 00-0169 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) (08 51 13 00-0153)

08 51 13 00-0170	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	660.43	75.95
		<i>For Installation In Concrete Or Masonry, Add</i>	38.66	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.68	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	32.03	
		<i>For Clear Anodized Finish, Add</i>	26.69	
		<i>For Color Anodized Finish, Add</i>	37.37	
08 51 13 00-0171	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	740.40	80.70
		<i>For Installation In Concrete Or Masonry, Add</i>	42.05	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.12	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.35	
		<i>For Clear Anodized Finish, Add</i>	30.30	
		<i>For Color Anodized Finish, Add</i>	42.41	
08 51 13 00-0172	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	833.04	85.44
		<i>For Installation In Concrete Or Masonry, Add</i>	45.75	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.81	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	41.44	
		<i>For Clear Anodized Finish, Add</i>	34.53	
		<i>For Color Anodized Finish, Add</i>	48.34	
08 51 13 00-0173	SF	>15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600)	50.79	2.85
		<i>For Installation In Concrete Or Masonry, Add</i>	2.10	
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.92	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	2.76	
		<i>For Clear Anodized Finish, Add</i>	2.30	
		<i>For Color Anodized Finish, Add</i>	3.22	

08 51 13 00-0174 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0153)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0175	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	715.20	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	40.03	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.77	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	35.32	
			<i>For Clear Anodized Finish, Add</i>	29.43	
			<i>For Color Anodized Finish, Add</i>	41.20	
08 51 13 00-0176	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	804.21	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	43.64	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.39	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	40.18	
			<i>For Clear Anodized Finish, Add</i>	33.49	
			<i>For Color Anodized Finish, Add</i>	46.88	
08 51 13 00-0177	EA		>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	907.38	85.44
			<i>For Installation In Concrete Or Masonry, Add</i>	47.61	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.30	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	45.90	
			<i>For Clear Anodized Finish, Add</i>	38.25	
			<i>For Color Anodized Finish, Add</i>	53.55	
08 51 13 00-0178	SF		>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750)	55.71	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	2.22	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.02	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	3.06	
			<i>For Clear Anodized Finish, Add</i>	2.55	
			<i>For Color Anodized Finish, Add</i>	3.57	
08 51 13 00-0179			Casement Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0180			Single Vent, Casement Aluminum Windows (08 51 13 00-0179)		
08 51 13 00-0181			2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0180)		
08 51 13 00-0182	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	388.33	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	31.86	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.23	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	15.70	
			<i>For Clear Anodized Finish, Add</i>	13.09	
			<i>For Color Anodized Finish, Add</i>	18.32	
08 51 13 00-0183	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	423.41	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	34.12	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.78	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	17.33	
			<i>For Clear Anodized Finish, Add</i>	14.45	
			<i>For Color Anodized Finish, Add</i>	20.22	
08 51 13 00-0184	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	463.75	85.44
			<i>For Installation In Concrete Or Masonry, Add</i>	36.52	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.43	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	19.28	
			<i>For Clear Anodized Finish, Add</i>	16.07	
			<i>For Color Anodized Finish, Add</i>	22.49	
08 51 13 00-0185	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220)	26.18	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	1.49	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.43	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.29	
			<i>For Clear Anodized Finish, Add</i>	1.07	
			<i>For Color Anodized Finish, Add</i>	1.50	
08 51 13 00-0186			2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0180)		
08 51 13 00-0187	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	549.12	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	35.88	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.45	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	25.35	
			<i>For Clear Anodized Finish, Add</i>	21.13	
			<i>For Color Anodized Finish, Add</i>	29.58	
08 51 13 00-0188	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	610.72	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	38.81	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.52	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	28.57	
			<i>For Clear Anodized Finish, Add</i>	23.81	
			<i>For Color Anodized Finish, Add</i>	33.34	
08 51 13 00-0189	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	681.97	85.44
			<i>For Installation In Concrete Or Masonry, Add</i>	41.97	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.79	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	32.37	
			<i>For Clear Anodized Finish, Add</i>	26.98	
			<i>For Color Anodized Finish, Add</i>	37.77	
08 51 13 00-0190	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	40.72	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	1.85	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.72	
			<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	2.16	
			<i>For Clear Anodized Finish, Add</i>	1.80	
			<i>For Color Anodized Finish, Add</i>	2.52	

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
08 51 13 00-0191	3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0180)		
08 51 13 00-0192	EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	551.77	75.95
	For Installation In Concrete Or Masonry, Add	35.95	
	For 50% Fluoropolymer Finish (Acrynar), Add	8.50	
	For 70% Fluoropolymer Finish (Durandar), Add	25.51	
	For Clear Anodized Finish, Add	21.26	
	For Color Anodized Finish, Add	29.76	
08 51 13 00-0193	EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	613.81	80.70
	For Installation In Concrete Or Masonry, Add	38.88	
	For 50% Fluoropolymer Finish (Acrynar), Add	9.59	
	For 70% Fluoropolymer Finish (Durandar), Add	28.76	
	For Clear Anodized Finish, Add	23.97	
	For Color Anodized Finish, Add	33.55	
08 51 13 00-0194	EA >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	685.57	85.44
	For Installation In Concrete Or Masonry, Add	42.06	
	For 50% Fluoropolymer Finish (Acrynar), Add	10.86	
	For 70% Fluoropolymer Finish (Durandar), Add	32.59	
	For Clear Anodized Finish, Add	27.16	
	For Color Anodized Finish, Add	38.02	
08 51 13 00-0195	SF >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	40.96	2.85
	For Installation In Concrete Or Masonry, Add	1.86	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.72	
	For 70% Fluoropolymer Finish (Durandar), Add	2.17	
	For Clear Anodized Finish, Add	1.81	
	For Color Anodized Finish, Add	2.53	
08 51 13 00-0196	4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0180)		
08 51 13 00-0197	EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	579.15	75.95
	For Installation In Concrete Or Masonry, Add	36.63	
	For 50% Fluoropolymer Finish (Acrynar), Add	9.05	
	For 70% Fluoropolymer Finish (Durandar), Add	27.15	
	For Clear Anodized Finish, Add	22.63	
	For Color Anodized Finish, Add	31.68	
08 51 13 00-0198	EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	645.72	80.70
	For Installation In Concrete Or Masonry, Add	39.68	
	For 50% Fluoropolymer Finish (Acrynar), Add	10.22	
	For 70% Fluoropolymer Finish (Durandar), Add	30.67	
	For Clear Anodized Finish, Add	25.56	
	For Color Anodized Finish, Add	35.79	
08 51 13 00-0199	EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	722.74	85.44
	For Installation In Concrete Or Masonry, Add	42.99	
	For 50% Fluoropolymer Finish (Acrynar), Add	11.61	
	For 70% Fluoropolymer Finish (Durandar), Add	34.82	
	For Clear Anodized Finish, Add	29.02	
	For Color Anodized Finish, Add	40.62	
08 51 13 00-0200	SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	43.44	2.85
	For Installation In Concrete Or Masonry, Add	1.92	
	For 50% Fluoropolymer Finish (Acrynar), Add	0.77	
	For 70% Fluoropolymer Finish (Durandar), Add	2.32	
	For Clear Anodized Finish, Add	1.93	
	For Color Anodized Finish, Add	2.71	
08 51 13 00-0201	Fixed Over Vent, Casement Aluminum Windows (08 51 13 00-0179)		
08 51 13 00-0202	2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0201)		
08 51 13 00-0203	EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	436.92	75.95
	For Installation In Concrete Or Masonry, Add	33.08	
	For 50% Fluoropolymer Finish (Acrynar), Add	6.21	
	For 70% Fluoropolymer Finish (Durandar), Add	18.62	
	For Clear Anodized Finish, Add	15.52	
	For Color Anodized Finish, Add	21.72	
08 51 13 00-0204	EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	480.02	80.70
	For Installation In Concrete Or Masonry, Add	35.54	
	For 50% Fluoropolymer Finish (Acrynar), Add	6.91	
	For 70% Fluoropolymer Finish (Durandar), Add	20.73	
	For Clear Anodized Finish, Add	17.28	
	For Color Anodized Finish, Add	24.19	
08 51 13 00-0205	EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	529.70	85.44
	For Installation In Concrete Or Masonry, Add	38.17	
	For 50% Fluoropolymer Finish (Acrynar), Add	7.75	
	For 70% Fluoropolymer Finish (Durandar), Add	23.24	
	For Clear Anodized Finish, Add	19.36	
	For Color Anodized Finish, Add	27.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0206	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220).....	30.56	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	1.60	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.52	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	1.55	
			<i>For Clear Anodized Finish, Add</i>	1.29	
			<i>For Color Anodized Finish, Add</i>	1.81	
08 51 13 00-0207			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0201)		
08 51 13 00-0208	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	597.70	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	37.10	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.42	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	28.27	
			<i>For Clear Anodized Finish, Add</i>	23.56	
			<i>For Color Anodized Finish, Add</i>	32.98	
08 51 13 00-0209	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	667.32	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	40.22	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.66	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	31.97	
			<i>For Clear Anodized Finish, Add</i>	26.64	
			<i>For Color Anodized Finish, Add</i>	37.30	
08 51 13 00-0210	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	747.92	85.44
			<i>For Installation In Concrete Or Masonry, Add</i>	43.62	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.11	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	36.33	
			<i>For Clear Anodized Finish, Add</i>	30.28	
			<i>For Color Anodized Finish, Add</i>	42.39	
08 51 13 00-0211	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	45.12	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	1.96	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.81	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	2.42	
			<i>For Clear Anodized Finish, Add</i>	2.02	
			<i>For Color Anodized Finish, Add</i>	2.83	
08 51 13 00-0212			3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0201)		
08 51 13 00-0213	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	656.90	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	38.58	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.61	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	31.82	
			<i>For Clear Anodized Finish, Add</i>	26.52	
			<i>For Color Anodized Finish, Add</i>	37.12	
08 51 13 00-0214	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	736.29	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	41.94	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.04	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	36.11	
			<i>For Clear Anodized Finish, Add</i>	30.09	
			<i>For Color Anodized Finish, Add</i>	42.13	
08 51 13 00-0215	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	828.25	85.44
			<i>For Installation In Concrete Or Masonry, Add</i>	45.63	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.72	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	41.15	
			<i>For Clear Anodized Finish, Add</i>	34.29	
			<i>For Color Anodized Finish, Add</i>	48.01	
08 51 13 00-0216	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	50.47	2.85
			<i>For Installation In Concrete Or Masonry, Add</i>	2.09	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.91	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	2.74	
			<i>For Clear Anodized Finish, Add</i>	2.29	
			<i>For Color Anodized Finish, Add</i>	3.20	
08 51 13 00-0217			4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0201)		
08 51 13 00-0218	EA		Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	710.78	75.95
			<i>For Installation In Concrete Or Masonry, Add</i>	39.92	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.68	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	35.05	
			<i>For Clear Anodized Finish, Add</i>	29.21	
			<i>For Color Anodized Finish, Add</i>	40.89	
08 51 13 00-0219	EA		>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	799.07	80.70
			<i>For Installation In Concrete Or Masonry, Add</i>	43.51	
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.29	
			<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	39.87	
			<i>For Clear Anodized Finish, Add</i>	33.23	
			<i>For Color Anodized Finish, Add</i>	46.52	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0220	EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	901.39	85.44
	For Installation In Concrete Or Masonry, Add	47.46	
	For 50% Fluoropolymer Finish (Acrynar), Add	15.18	
	For 70% Fluoropolymer Finish (Duranar), Add	45.54	
	For Clear Anodized Finish, Add	37.95	
	For Color Anodized Finish, Add	53.13	
08 51 13 00-0221	SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	55.35	2.85
	For Installation In Concrete Or Masonry, Add	2.22	
	For 50% Fluoropolymer Finish (Acrynar), Add	1.01	
	For 70% Fluoropolymer Finish (Duranar), Add	3.04	
	For Clear Anodized Finish, Add	2.53	
	For Color Anodized Finish, Add	3.54	
08 51 13 00-0222	Aluminum Window Accessories (08 51 13)		
08 51 13 00-0223	Aluminum Window Mullions (08 51 13 00-0222)		
08 51 13 00-0224	LF Integral Mullions For Aluminum Windows	14.22	3.56
	For 50% Fluoropolymer Finish (Acrynar), Add	0.15	
	For 70% Fluoropolymer Finish (Duranar), Add	0.46	
	For Clear Anodized Finish, Add	0.38	
	For Color Anodized Finish, Add	0.53	
08 51 13 00-0225	Aluminum Window Insect Screens (08 51 13 00-0222)		
	Note: Includes aluminum frames.		
08 51 13 00-0226	SF <10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	4.59	1.19
08 51 13 00-0227	SF >10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows	3.17	0.95
08 51 13 00-0228	SF Repair Screen Window	3.86	
08 51 13 00-0229	Aluminum Window Panning (08 51 13 00-0222)		
	Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.		
08 51 13 00-0230	EA Up To 6 SF Window, Aluminum Window Panning	140.32	29.92
	For 50% Fluoropolymer Finish (Acrynar), Add	1.81	
	For 70% Fluoropolymer Finish (Duranar), Add	5.43	
	For Clear Anodized Finish, Add	4.52	
	For Color Anodized Finish, Add	6.33	
08 51 13 00-0231	EA >6 To 10 SF Window, Aluminum Window Panning	199.72	49.85
	For 50% Fluoropolymer Finish (Acrynar), Add	2.33	
	For 70% Fluoropolymer Finish (Duranar), Add	7.00	
	For Clear Anodized Finish, Add	5.83	
	For Color Anodized Finish, Add	8.16	
08 51 13 00-0232	EA >10 To 15 SF Window, Aluminum Window Panning	252.17	74.78
	For 50% Fluoropolymer Finish (Acrynar), Add	2.55	
	For 70% Fluoropolymer Finish (Duranar), Add	7.65	
	For Clear Anodized Finish, Add	6.38	
	For Color Anodized Finish, Add	8.93	
08 51 13 00-0233	EA >15 To 20 SF Window, Aluminum Window Panning	306.79	99.71
	For 50% Fluoropolymer Finish (Acrynar), Add	2.81	
	For 70% Fluoropolymer Finish (Duranar), Add	8.44	
	For Clear Anodized Finish, Add	7.03	
	For Color Anodized Finish, Add	9.84	
08 51 13 00-0234	EA >20 To 30 SF Window, Aluminum Window Panning	414.95	149.57
	For 50% Fluoropolymer Finish (Acrynar), Add	3.31	
	For 70% Fluoropolymer Finish (Duranar), Add	9.94	
	For Clear Anodized Finish, Add	8.28	
	For Color Anodized Finish, Add	11.60	
08 51 13 00-0235	SF >30 SF Window, Aluminum Window Panning	15.57	6.24
	For 50% Fluoropolymer Finish (Acrynar), Add	0.10	
	For 70% Fluoropolymer Finish (Duranar), Add	0.31	
	For Clear Anodized Finish, Add	0.26	
	For Color Anodized Finish, Add	0.36	
08 51 13 00-0236	Aluminum Window Muntins, Grilles Or Dividers (08 51 13 00-0222)		
08 51 13 00-0237	SF Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	5.24	3.56
	For 50% Fluoropolymer Finish (Acrynar), Add	0.01	
	For 70% Fluoropolymer Finish (Duranar), Add	0.03	
	For Clear Anodized Finish, Add	0.02	
	For Color Anodized Finish, Add	0.03	
08 51 13 00-0238	SF Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	6.66	3.56
	For 50% Fluoropolymer Finish (Acrynar), Add	0.04	
	For 70% Fluoropolymer Finish (Duranar), Add	0.11	
	For Clear Anodized Finish, Add	0.10	
	For Color Anodized Finish, Add	0.13	
08 51 13 00-0239	SF Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	14.59	3.56
	For 50% Fluoropolymer Finish (Acrynar), Add	0.05	
	For 70% Fluoropolymer Finish (Duranar), Add	0.16	
	For Clear Anodized Finish, Add	0.14	
	For Color Anodized Finish, Add	0.19	
08 51 13 00-0240	SF True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	17.27	3.56
	For 50% Fluoropolymer Finish (Acrynar), Add	0.08	
	For 70% Fluoropolymer Finish (Duranar), Add	0.23	
	For Clear Anodized Finish, Add	0.19	
	For Color Anodized Finish, Add	0.27	

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

08 51 13 00-0241			Other Aluminum Window Accessories (08 51 13 00-0222)		
08 51 13 00-0242	EA		Roto Operator For Casement Aluminum Windows.....	101.93	15.82
08 51 13 00-0243	EA		Head And Sill Automatic Locks For Hung Aluminum Windows.....	53.97	15.82

08 51 19 Stainless-Steel Windows (08 51)
 See CSI section 08 80 00 00-0000 for glazing.

08 51 19 00-0001			Stainless Steel Windows Types (08 51 19)		
08 51 19 00-0002	SF		Stainless Steel Window Casements, 100% Vented Operable, Factory Primed.....	65.35	4.75
			For Heavy Commercial Grade (HC-40), Add	27.03	
			For Non Stock Custom Sizes, Add	5.74	
			For Installation In Concrete Or Masonry, Add	3.02	
08 51 19 00-0003	SF		Stainless Steel Window Casements, 50% Vented Operable, Factory Primed.....	57.92	4.75
			For Heavy Commercial Grade (HC-40), Add	23.69	
			For Non Stock Custom Sizes, Add	5.00	
			For Installation In Concrete Or Masonry, Add	2.83	
08 51 19 00-0004	SF		Stainless Steel Window Casements, Fixed Sash, Factory Primed.....	41.77	4.75
			For Heavy Commercial Grade (HC-40), Add	16.42	
			For Non Stock Custom Sizes, Add	3.39	
			For Installation In Concrete Or Masonry, Add	2.43	
08 51 19 00-0005	SF		Stainless Steel Window, Fixed Sash.....	46.45	4.75
			For Heavy Commercial Grade (HC-40), Add	18.53	
			For Non Stock Custom Sizes, Add	3.85	
			For Installation In Concrete Or Masonry, Add	2.55	
08 51 19 00-0006	SF		Stainless Steel Window With Horizontal Pivot Sash.....	79.83	4.75
			For Heavy Commercial Grade (HC-40), Add	33.55	
			For Non Stock Custom Sizes, Add	7.19	
			For Installation In Concrete Or Masonry, Add	3.38	
08 51 19 00-0007	SF		Commercial Projected Sash Window - 40% Vented Stainless Steel.....	83.61	4.75
			For Heavy Commercial Grade (HC-40), Add	35.25	
			For Non Stock Custom Sizes, Add	7.57	
			For Installation In Concrete Or Masonry, Add	3.47	
08 51 19 00-0008	SF		Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	92.59	4.75
			For Heavy Commercial Grade (HC-40), Add	39.29	
			For Non Stock Custom Sizes, Add	8.47	
			For Installation In Concrete Or Masonry, Add	3.70	
08 51 19 00-0009	SF		Double Hung Stainless Steel Window Sash.....	101.54	4.75
			For Heavy Commercial Grade (HC-40), Add	43.32	
			For Non Stock Custom Sizes, Add	9.36	
			For Installation In Concrete Or Masonry, Add	3.92	
08 51 19 00-0010	SF		Single Hung Stainless Steel Window Sash.....	71.05	4.75
			For Heavy Commercial Grade (HC-40), Add	29.60	
			For Non Stock Custom Sizes, Add	6.31	
			For Installation In Concrete Or Masonry, Add	3.16	
08 51 19 00-0011	SF		Stainless Steel Picture Window Sash.....	58.93	4.75
			For Heavy Commercial Grade (HC-40), Add	24.15	
			For Non Stock Custom Sizes, Add	5.10	
			For Installation In Concrete Or Masonry, Add	2.86	
08 51 19 00-0012	SF		Sliding Stainless Steel Window.....	104.83	4.75
			For Heavy Commercial Grade (HC-40), Add	44.80	
			For Non Stock Custom Sizes, Add	9.69	
			For Installation In Concrete Or Masonry, Add	4.01	

08 51 23 Steel Windows (08 51)

Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.

08 51 23 00-0001			Steel Windows (08 51 23)		
08 51 23 00-0002			Industrial (08 51 23 00-0001)		
08 51 23 00-0003	SF		Industrial Steel Window With Horizontal Pivot Sash.....	50.57	4.75
			For Heavy Commercial Grade (HC-40), Add	20.38	
			For Non Stock Custom Sizes, Add	4.27	
			For Double Glazing Sash, Add	26.07	
			For Bonderized Finish, Add	16.21	
			For Installation In Concrete Or Masonry, Add	2.65	
08 51 23 00-0004	SF		Industrial Steel Window, Fixed Sash.....	45.10	4.75
			For Heavy Commercial Grade (HC-40), Add	17.92	
			For Non Stock Custom Sizes, Add	3.72	
			For Double Glazing Sash, Add	22.79	
			For Bonderized Finish, Add	14.13	
			For Installation In Concrete Or Masonry, Add	2.51	
08 51 23 00-0005	SF		Industrial Steel Window, Operable Security Sash.....	72.99	4.75
			For Heavy Commercial Grade (HC-40), Add	30.47	
			For Non Stock Custom Sizes, Add	6.51	
			For Double Glazing Sash, Add	39.52	
			For Bonderized Finish, Add	24.73	
			For Installation In Concrete Or Masonry, Add	3.21	
08 51 23 00-0006	SF		Industrial Steel Window, Fixed Security Sash.....	62.05	4.75
			For Heavy Commercial Grade (HC-40), Add	25.55	
			For Non Stock Custom Sizes, Add	5.41	
			For Double Glazing Sash, Add	32.96	
			For Bonderized Finish, Add	20.57	
			For Installation In Concrete Or Masonry, Add	2.94	

08 51 23 00-0007 Projected Sash (08 51 23 00-0001)

08 Openings**08 50 Windows****08 51 Metal Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel	58.72	4.75
		<i>For Heavy Commercial Grade (HC-40), Add</i>	24.05	
		<i>For Non Stock Custom Sizes, Add</i>	5.08	
		<i>For Double Glazing Sash, Add</i>	30.96	
		<i>For Bonderized Finish, Add</i>	19.31	
		<i>For Installation In Concrete Or Masonry, Add</i>	2.85	
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel	64.73	4.75
		<i>For Heavy Commercial Grade (HC-40), Add</i>	26.76	
		<i>For Non Stock Custom Sizes, Add</i>	5.68	
		<i>For Double Glazing Sash, Add</i>	34.57	
		<i>For Bonderized Finish, Add</i>	21.59	
		<i>For Installation In Concrete Or Masonry, Add</i>	3.00	
08 51 23 00-0010		Other Type Sash <small>(08 51 23 00-0001)</small>		
08 51 23 00-0011	SF	Double Hung Steel Window Sash	75.35	4.75
		<i>For Heavy Commercial Grade (HC-40), Add</i>	31.53	
		<i>For Non Stock Custom Sizes, Add</i>	6.74	
		<i>For Double Glazing Sash, Add</i>	40.94	
		<i>For Bonderized Finish, Add</i>	25.63	
		<i>For Installation In Concrete Or Masonry, Add</i>	3.27	
08 51 23 00-0012	SF	Steel Picture Window Sash	32.53	4.75
		<i>For Heavy Commercial Grade (HC-40), Add</i>	12.27	
		<i>For Non Stock Custom Sizes, Add</i>	2.46	
		<i>For Double Glazing Sash, Add</i>	15.25	
		<i>For Bonderized Finish, Add</i>	9.36	
		<i>For Installation In Concrete Or Masonry, Add</i>	2.20	
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash	77.72	5.93
		<i>For Heavy Commercial Grade (HC-40), Add</i>	32.60	
		<i>For Non Stock Custom Sizes, Add</i>	6.98	
		<i>For Double Glazing Sash, Add</i>	42.36	
		<i>For Bonderized Finish, Add</i>	26.53	
		<i>For Installation In Concrete Or Masonry, Add</i>	3.33	
08 51 23 00-0014	SF	Single Hung Steel Window Sash	53.39	4.75
		<i>For Heavy Commercial Grade (HC-40), Add</i>	21.65	
		<i>For Non Stock Custom Sizes, Add</i>	4.55	
		<i>For Double Glazing Sash, Add</i>	27.76	
		<i>For Bonderized Finish, Add</i>	17.28	
		<i>For Installation In Concrete Or Masonry, Add</i>	2.72	
08 51 23 00-0015		Casements <small>(08 51 23 00-0001)</small>		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed	67.58	2.38
		<i>For Double Glazing Sash, Add</i>	36.28	
		<i>For Bonderized Finish, Add</i>	22.67	
		<i>For Heavy Commercial Grade (HC-40), Add</i>	28.04	
		<i>For Non Stock Custom Sizes, Add</i>	5.97	
		<i>For Installation In Concrete Or Masonry, Add</i>	3.07	
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed	58.48	2.38
		<i>For Double Glazing Sash, Add</i>	30.82	
		<i>For Bonderized Finish, Add</i>	19.22	
		<i>For Heavy Commercial Grade (HC-40), Add</i>	23.94	
		<i>For Non Stock Custom Sizes, Add</i>	5.06	
		<i>For Installation In Concrete Or Masonry, Add</i>	2.85	
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed	41.33	3.56
		<i>For Double Glazing Sash, Add</i>	20.53	
		<i>For Bonderized Finish, Add</i>	12.70	
		<i>For Heavy Commercial Grade (HC-40), Add</i>	16.23	
		<i>For Non Stock Custom Sizes, Add</i>	3.34	
		<i>For Installation In Concrete Or Masonry, Add</i>	2.42	
08 51 23 00-0019		Mullions <small>(08 51 23 00-0001)</small>		
08 51 23 00-0020	LF	Open Faced Steel Mullion	24.60	3.56
08 51 23 00-0021	LF	Covered Steel Mullions	41.79	3.56
08 51 23 00-0022		Removal And Reinstallation Of Metal Window And Frame <small>(08 51 23)</small>		
		Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023	SF	Remove And Reinstall Metal Window And Frame	12.39	
08 52 Wood Windows <small>(08 50)</small>				
08 52 16 Plastic-Clad Wood Windows <small>(08 52)</small>				
08 52 16 00-0001		Double Hung Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-0002		Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0001)</small>		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)	232.74	36.39
		<i>For Low-E Insulated Glass, Add</i>	19.19	
		<i>For Tempered Clear Insulated Glass, Add</i>	31.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0005	EA		27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	246.28	37.98
			<i>For Low-E Insulated Glass, Add</i>	20.44	
			<i>For Tempered Clear Insulated Glass, Add</i>	34.07	
08 52 16 00-0006	EA		31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	258.96	39.56
			<i>For Low-E Insulated Glass, Add</i>	21.58	
			<i>For Tempered Clear Insulated Glass, Add</i>	35.97	
08 52 16 00-0007	EA		35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	271.63	41.15
			<i>For Low-E Insulated Glass, Add</i>	22.72	
			<i>For Tempered Clear Insulated Glass, Add</i>	37.87	
08 52 16 00-0008			41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0009	EA		23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	252.19	38.77
			<i>For Low-E Insulated Glass, Add</i>	20.96	
			<i>For Tempered Clear Insulated Glass, Add</i>	34.93	
08 52 16 00-0010	EA		27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	265.72	40.35
			<i>For Low-E Insulated Glass, Add</i>	22.20	
			<i>For Tempered Clear Insulated Glass, Add</i>	37.00	
08 52 16 00-0011	EA		31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	278.40	41.93
			<i>For Low-E Insulated Glass, Add</i>	23.34	
			<i>For Tempered Clear Insulated Glass, Add</i>	38.91	
08 52 16 00-0012	EA		35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	291.09	43.51
			<i>For Low-E Insulated Glass, Add</i>	24.49	
			<i>For Tempered Clear Insulated Glass, Add</i>	40.81	
08 52 16 00-0013			47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0014	EA		23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	271.63	41.15
			<i>For Low-E Insulated Glass, Add</i>	22.72	
			<i>For Tempered Clear Insulated Glass, Add</i>	37.87	
08 52 16 00-0015	EA		27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	284.30	42.73
			<i>For Low-E Insulated Glass, Add</i>	23.86	
			<i>For Tempered Clear Insulated Glass, Add</i>	39.77	
08 52 16 00-0016	EA		31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	297.85	44.31
			<i>For Low-E Insulated Glass, Add</i>	25.11	
			<i>For Tempered Clear Insulated Glass, Add</i>	41.85	
08 52 16 00-0017	EA		35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	310.52	45.89
			<i>For Low-E Insulated Glass, Add</i>	26.25	
			<i>For Tempered Clear Insulated Glass, Add</i>	43.75	
08 52 16 00-0018			53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0019	EA		23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	291.09	43.51
			<i>For Low-E Insulated Glass, Add</i>	24.49	
			<i>For Tempered Clear Insulated Glass, Add</i>	40.81	
08 52 16 00-0020	EA		27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	303.76	45.09
			<i>For Low-E Insulated Glass, Add</i>	25.63	
			<i>For Tempered Clear Insulated Glass, Add</i>	42.71	
08 52 16 00-0021	EA		31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	316.43	46.68
			<i>For Low-E Insulated Glass, Add</i>	26.77	
			<i>For Tempered Clear Insulated Glass, Add</i>	44.61	
08 52 16 00-0022	EA		35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	329.97	48.26
			<i>For Low-E Insulated Glass, Add</i>	28.01	
			<i>For Tempered Clear Insulated Glass, Add</i>	46.69	
08 52 16 00-0023			56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0024	EA		19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	287.69	43.51
			<i>For Low-E Insulated Glass, Add</i>	24.17	
			<i>For Tempered Clear Insulated Glass, Add</i>	40.29	
08 52 16 00-0025	EA		23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	300.36	44.70
			<i>For Low-E Insulated Glass, Add</i>	25.32	
			<i>For Tempered Clear Insulated Glass, Add</i>	42.19	
08 52 16 00-0026	EA		27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	313.91	46.68
			<i>For Low-E Insulated Glass, Add</i>	26.56	
			<i>For Tempered Clear Insulated Glass, Add</i>	44.27	
08 52 16 00-0027	EA		31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	326.58	48.26
			<i>For Low-E Insulated Glass, Add</i>	27.70	
			<i>For Tempered Clear Insulated Glass, Add</i>	46.17	
08 52 16 00-0028	EA		35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	339.26	49.85
			<i>For Low-E Insulated Glass, Add</i>	28.84	
			<i>For Tempered Clear Insulated Glass, Add</i>	48.07	
08 52 16 00-0029	EA		39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	351.94	51.43
			<i>For Low-E Insulated Glass, Add</i>	29.98	
			<i>For Tempered Clear Insulated Glass, Add</i>	49.97	
08 52 16 00-0030			59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0031	EA		19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	297.85	44.31
			<i>For Low-E Insulated Glass, Add</i>	25.11	
			<i>For Tempered Clear Insulated Glass, Add</i>	41.85	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0032	EA	23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	310.52	45.89
		<i>For Low-E Insulated Glass, Add</i>	26.25	
		<i>For Tempered Clear Insulated Glass, Add</i>	43.75	
08 52 16 00-0033	EA	27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	323.19	47.47
		<i>For Low-E Insulated Glass, Add</i>	27.39	
		<i>For Tempered Clear Insulated Glass, Add</i>	45.65	
08 52 16 00-0034	EA	31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	335.87	49.05
		<i>For Low-E Insulated Glass, Add</i>	28.53	
		<i>For Tempered Clear Insulated Glass, Add</i>	47.55	
08 52 16 00-0035	EA	35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	348.55	50.64
		<i>For Low-E Insulated Glass, Add</i>	29.67	
		<i>For Tempered Clear Insulated Glass, Add</i>	49.46	
08 52 16 00-0036	EA	39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	362.09	52.22
		<i>For Low-E Insulated Glass, Add</i>	30.92	
		<i>For Tempered Clear Insulated Glass, Add</i>	51.53	
08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)				
08 52 16 00-0038	EA	23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	329.97	48.26
		<i>For Low-E Insulated Glass, Add</i>	28.01	
		<i>For Tempered Clear Insulated Glass, Add</i>	46.69	
08 52 16 00-0039	EA	27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	342.64	49.85
		<i>For Low-E Insulated Glass, Add</i>	29.15	
		<i>For Tempered Clear Insulated Glass, Add</i>	48.59	
08 52 16 00-0040	EA	31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	355.31	51.43
		<i>For Low-E Insulated Glass, Add</i>	30.30	
		<i>For Tempered Clear Insulated Glass, Add</i>	50.49	
08 52 16 00-0041	EA	35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	367.99	53.01
		<i>For Low-E Insulated Glass, Add</i>	31.44	
		<i>For Tempered Clear Insulated Glass, Add</i>	52.39	
08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)				
08 52 16 00-0043	EA	23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	348.55	50.64
		<i>For Low-E Insulated Glass, Add</i>	29.67	
		<i>For Tempered Clear Insulated Glass, Add</i>	49.46	
08 52 16 00-0044	EA	27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	362.09	52.22
		<i>For Low-E Insulated Glass, Add</i>	30.92	
		<i>For Tempered Clear Insulated Glass, Add</i>	51.53	
08 52 16 00-0045	EA	31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	374.76	53.80
		<i>For Low-E Insulated Glass, Add</i>	32.06	
		<i>For Tempered Clear Insulated Glass, Add</i>	53.43	
08 52 16 00-0046	EA	35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	387.44	55.38
		<i>For Low-E Insulated Glass, Add</i>	33.20	
		<i>For Tempered Clear Insulated Glass, Add</i>	55.33	
08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0001)				
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.				
08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0049	EA	21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	283.82	36.39
		<i>For Tempered Low-E Insulated Glass, Add</i>	42.37	
08 52 16 00-0050	EA	25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	300.83	37.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	45.13	
08 52 16 00-0051	EA	29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	318.69	39.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	48.07	
08 52 16 00-0052	EA	31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	328.05	40.35
		<i>For Tempered Low-E Insulated Glass, Add</i>	49.63	
08 52 16 00-0053	EA	33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	336.55	41.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	51.01	
08 52 16 00-0054	EA	35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	345.05	41.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	52.39	
08 52 16 00-0055	EA	37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	354.42	42.32
		<i>For Tempered Low-E Insulated Glass, Add</i>	53.95	
08 52 16 00-0056	EA	41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	371.41	43.92
		<i>For Tempered Low-E Insulated Glass, Add</i>	56.72	
08 52 16 00-0057	EA	45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	389.28	45.50
		<i>For Tempered Low-E Insulated Glass, Add</i>	59.66	
08 52 16 00-0058 40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	300.83	37.98
		<i>For Tempered Low-E Insulated Glass, Add</i>	45.13	
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	318.69	39.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	48.07	
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	336.55	40.74
		<i>For Tempered Low-E Insulated Glass, Add</i>	51.01	
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	345.05	41.93
		<i>For Tempered Low-E Insulated Glass, Add</i>	52.39	
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	354.42	42.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	53.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0064	EA		35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	362.91 55.33	43.51
08 52 16 00-0065	EA		37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.41 56.72	43.92
08 52 16 00-0066	EA		41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	389.28 59.66	45.50
08 52 16 00-0067	EA		45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.14 62.60	47.08
08 52 16 00-0068			44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0069	EA		21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	318.69 48.07	39.56
08 52 16 00-0070	EA		25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.55 51.01	40.74
08 52 16 00-0071	EA		29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	354.42 53.95	42.32
08 52 16 00-0072	EA		31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	362.91 55.33	43.51
08 52 16 00-0073	EA		33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.41 56.72	44.31
08 52 16 00-0074	EA		35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	380.77 58.27	45.09
08 52 16 00-0075	EA		37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	389.28 59.66	45.50
08 52 16 00-0076	EA		41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.14 62.60	47.08
08 52 16 00-0077	EA		45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	424.99 65.54	48.66
08 52 16 00-0078			48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0079	EA		21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	336.55 51.01	41.15
08 52 16 00-0080	EA		25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	354.42 53.95	42.32
08 52 16 00-0081	EA		29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.41 56.72	43.92
08 52 16 00-0082	EA		31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	380.77 58.27	45.09
08 52 16 00-0083	EA		33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	389.28 59.66	45.89
08 52 16 00-0084	EA		35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	397.77 61.04	46.68
08 52 16 00-0085	EA		37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.14 62.60	47.08
08 52 16 00-0086	EA		41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	424.99 65.54	48.66
08 52 16 00-0087	EA		45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	442.01 68.30	50.24
08 52 16 00-0088			52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0089	EA		21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	354.42 53.95	42.73
08 52 16 00-0090	EA		25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.41 56.72	43.92
08 52 16 00-0091	EA		29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	389.28 59.66	45.50
08 52 16 00-0092	EA		31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	397.77 61.04	46.68
08 52 16 00-0093	EA		33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.14 62.60	47.47
08 52 16 00-0094	EA		35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	415.63 63.98	48.26
08 52 16 00-0095	EA		37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	424.99 65.54	48.66
08 52 16 00-0096	EA		41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	442.01 68.30	50.24
08 52 16 00-0097	EA		45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	459.87 71.24	51.82
08 52 16 00-0098			56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0099	EA		21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	371.41 56.72	44.31
08 52 16 00-0100	EA		25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	389.28 59.66	45.50
08 52 16 00-0101	EA		29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	407.14 62.60	47.08
08 52 16 00-0102	EA		31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	415.63 63.98	48.26

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0103	EA	33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	424.99	49.05
		<i>For Tempered Low-E Insulated Glass, Add</i>	65.54	
08 52 16 00-0104	EA	35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	433.50	49.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.92	
08 52 16 00-0105	EA	37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	442.01	50.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0106	EA	41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.87	51.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0107	EA	45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	477.72	53.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0109	EA	21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	389.28	45.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	59.66	
08 52 16 00-0110	EA	25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	407.14	47.08
		<i>For Tempered Low-E Insulated Glass, Add</i>	62.60	
08 52 16 00-0111	EA	29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	424.99	48.66
		<i>For Tempered Low-E Insulated Glass, Add</i>	65.54	
08 52 16 00-0112	EA	31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	433.50	49.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.92	
08 52 16 00-0113	EA	33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	442.01	50.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0114	EA	35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.37	51.43
		<i>For Tempered Low-E Insulated Glass, Add</i>	69.86	
08 52 16 00-0115	EA	37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.87	51.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0116	EA	41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	477.72	53.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0117	EA	45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.73	54.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0119	EA	21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	407.14	47.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	62.60	
08 52 16 00-0120	EA	25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	424.99	48.66
		<i>For Tempered Low-E Insulated Glass, Add</i>	65.54	
08 52 16 00-0121	EA	29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	442.01	50.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0122	EA	31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.37	51.43
		<i>For Tempered Low-E Insulated Glass, Add</i>	69.86	
08 52 16 00-0123	EA	33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.87	52.22
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0124	EA	35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	468.36	53.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	72.63	
08 52 16 00-0125	EA	37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	477.72	53.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0126	EA	41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.73	54.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0127	EA	45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.59	56.57
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.89	
08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0129	EA	21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	424.99	49.05
		<i>For Tempered Low-E Insulated Glass, Add</i>	65.54	
08 52 16 00-0130	EA	25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	442.01	50.24
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0131	EA	29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.87	51.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0132	EA	31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	468.36	53.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	72.63	
08 52 16 00-0133	EA	33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	477.72	53.80
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	
08 52 16 00-0134	EA	35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.22	54.60
		<i>For Tempered Low-E Insulated Glass, Add</i>	75.57	
08 52 16 00-0135	EA	37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	494.73	54.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.95	
08 52 16 00-0136	EA	41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	512.59	56.57
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.89	
08 52 16 00-0137	EA	45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	530.44	58.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	82.83	
08 52 16 00-0138 72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)				
08 52 16 00-0139	EA	21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	442.01	50.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.30	
08 52 16 00-0140	EA	25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	459.87	51.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	71.24	
08 52 16 00-0141	EA	29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	477.72	53.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0142	EA		31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	486.22 75.57	54.60
08 52 16 00-0143	EA		33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	494.73 76.95	55.38
08 52 16 00-0144	EA		35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	504.09 78.51	56.18
08 52 16 00-0145	EA		37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	512.59 79.89	56.57
08 52 16 00-0146	EA		41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	530.44 82.83	58.15
08 52 16 00-0147	EA		45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	548.31 85.77	59.73
08 52 16 00-0148			76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0149	EA		21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	459.87 71.24	52.22
08 52 16 00-0150	EA		25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	477.72 74.18	53.41
08 52 16 00-0151	EA		29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	494.73 76.95	54.99
08 52 16 00-0152	EA		31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	504.09 78.51	56.18
08 52 16 00-0153	EA		33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	512.59 79.89	56.96
08 52 16 00-0154	EA		35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	521.95 81.45	57.76
08 52 16 00-0155	EA		37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	530.44 82.83	58.15
08 52 16 00-0156	EA		41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	548.31 85.77	59.73
08 52 16 00-0157	EA		45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	565.32 88.54	61.32
08 52 16 00-0158			84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0159	EA		21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	700.50 118.10	55.38
08 52 16 00-0160	EA		25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	725.28 122.43	56.57
08 52 16 00-0161	EA		29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	750.05 126.75	58.15
08 52 16 00-0162	EA		31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	762.01 128.83	59.34
08 52 16 00-0163	EA		33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	774.84 131.07	60.13
08 52 16 00-0164	EA		35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	786.79 133.15	60.92
08 52 16 00-0165	EA		37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	798.76 135.22	61.32
08 52 16 00-0166	EA		41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	823.53 139.55	62.90
08 52 16 00-0167	EA		45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	848.32 143.87	64.48
08 52 16 00-0168			88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0169	EA		21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	725.28 122.43	56.96
08 52 16 00-0170	EA		25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	750.05 126.75	58.15
08 52 16 00-0171	EA		29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	774.84 131.07	59.73
08 52 16 00-0172	EA		31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	786.79 133.15	60.92
08 52 16 00-0173	EA		33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	798.76 135.22	61.72
08 52 16 00-0174	EA		35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	811.58 137.47	62.50
08 52 16 00-0175	EA		37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	823.53 139.55	62.90
08 52 16 00-0176	EA		41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	848.32 143.87	64.48
08 52 16 00-0177	EA		45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	873.09 148.19	66.06
08 52 16 00-0178			Casement Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-0179			Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0178)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0180	One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0181	24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0182	EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	190.39	30.06
	<i>For Tempered Clear Insulated Glass, Add</i>	26.21	
08 52 16 00-0183	EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	200.90	30.86
	<i>For Tempered Clear Insulated Glass, Add</i>	27.84	
08 52 16 00-0184	EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	212.87	32.44
	<i>For Tempered Clear Insulated Glass, Add</i>	29.60	
08 52 16 00-0185	EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	224.01	34.02
	<i>For Tempered Clear Insulated Glass, Add</i>	31.19	
08 52 16 00-0186	28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0187	EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	203.71	31.64
	<i>For Tempered Clear Insulated Glass, Add</i>	28.24	
08 52 16 00-0188	EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	214.23	32.44
	<i>For Tempered Clear Insulated Glass, Add</i>	29.87	
08 52 16 00-0189	EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	226.19	34.02
	<i>For Tempered Clear Insulated Glass, Add</i>	31.63	
08 52 16 00-0190	EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	232.85	35.60
	<i>For Tempered Clear Insulated Glass, Add</i>	32.33	
08 52 16 00-0191	EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	246.14	37.19
	<i>For Tempered Clear Insulated Glass, Add</i>	34.51	
08 52 16 00-0192	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0193	EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	227.55	34.02
	<i>For Tempered Clear Insulated Glass, Add</i>	31.90	
08 52 16 00-0194	EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	238.73	35.60
	<i>For Tempered Clear Insulated Glass, Add</i>	33.66	
08 52 16 00-0195	EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	250.71	36.79
	<i>For Tempered Clear Insulated Glass, Add</i>	35.42	
08 52 16 00-0196	EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	268.78	38.37
	<i>For Tempered Clear Insulated Glass, Add</i>	38.41	
08 52 16 00-0197	EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	285.70	39.56
	<i>For Tempered Clear Insulated Glass, Add</i>	41.32	
08 52 16 00-0198	EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	301.86	40.35
	<i>For Tempered Clear Insulated Glass, Add</i>	44.23	
08 52 16 00-0199	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0200	EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	243.69	36.39
	<i>For Tempered Clear Insulated Glass, Add</i>	34.34	
08 52 16 00-0201	EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	254.20	37.19
	<i>For Tempered Clear Insulated Glass, Add</i>	35.97	
08 52 16 00-0202	EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	266.18	38.77
	<i>For Tempered Clear Insulated Glass, Add</i>	37.73	
08 52 16 00-0203	EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	291.70	40.35
	<i>For Tempered Clear Insulated Glass, Add</i>	42.20	
08 52 16 00-0204	EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	309.38	41.93
	<i>For Tempered Clear Insulated Glass, Add</i>	45.26	
08 52 16 00-0205	EA 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	326.38	43.51
	<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
08 52 16 00-0206	48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0207	EA 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	266.97	39.56
	<i>For Tempered Clear Insulated Glass, Add</i>	37.73	
08 52 16 00-0208	EA 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	278.15	40.35
	<i>For Tempered Clear Insulated Glass, Add</i>	39.49	
08 52 16 00-0209	EA 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	290.12	41.93
	<i>For Tempered Clear Insulated Glass, Add</i>	41.25	
08 52 16 00-0210	EA 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	324.80	43.51
	<i>For Tempered Clear Insulated Glass, Add</i>	47.55	
08 52 16 00-0211	EA 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	338.86	45.09
	<i>For Tempered Clear Insulated Glass, Add</i>	49.89	
08 52 16 00-0212	EA 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	359.81	46.68
	<i>For Tempered Clear Insulated Glass, Add</i>	53.45	
08 52 16 00-0213	52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0214	EA 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	282.33	41.15
	<i>For Tempered Clear Insulated Glass, Add</i>	40.17	
08 52 16 00-0215	EA 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	292.83	41.93
	<i>For Tempered Clear Insulated Glass, Add</i>	41.79	
08 52 16 00-0216	EA 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series)	304.82	43.51
	<i>For Tempered Clear Insulated Glass, Add</i>	43.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0217	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	347.27 51.41	45.09
08 52 16 00-0218	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	367.76 55.04	46.68
08 52 16 00-0219	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	381.94 57.24	48.26
08 52 16 00-0220			59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0221	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	304.82 43.56	43.51
08 52 16 00-0222	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	315.99 45.32	45.09
08 52 16 00-0223	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	327.96 47.08	46.28
08 52 16 00-0224	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	379.91 56.84	47.87
08 52 16 00-0225	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	394.74 59.33	49.05
08 52 16 00-0226	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	414.58 62.66	50.64
08 52 16 00-0227			64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0228	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	320.96 45.99	45.89
08 52 16 00-0229	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	331.46 47.62	46.68
08 52 16 00-0230	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	343.44 49.38	48.26
08 52 16 00-0231	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	402.84 60.63	49.85
08 52 16 00-0232	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	416.71 62.93	51.43
08 52 16 00-0233	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	437.51 66.46	53.01
08 52 16 00-0234			71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0235	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	343.44 49.38	48.26
08 52 16 00-0236	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	354.62 51.14	49.85
08 52 16 00-0237	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	366.60 52.91	51.03
08 52 16 00-0238	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	435.48 66.05	52.61
08 52 16 00-0239	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	452.26 68.93	53.80
08 52 16 00-0240	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	470.15 71.88	55.38
08 52 16 00-0241			Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0242			24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0243	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	328.48 50.19	38.77
08 52 16 00-0244	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	371.49 57.53	41.93
08 52 16 00-0245	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	420.90 66.14	45.09
08 52 16 00-0246			28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0247	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	353.14 54.49	40.35
08 52 16 00-0248	EA		48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	396.17 61.83	43.51
08 52 16 00-0249	EA		56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	445.56 70.44	46.68
08 52 16 00-0250			35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0251	EA		33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	350.26 53.91	40.35
08 52 16 00-0252	EA		40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	393.74 61.50	43.51

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	439.37	46.68
		<i>For Tempered Clear Insulated Glass, Add</i>	69.36	
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	491.77	49.45
		<i>For Tempered Clear Insulated Glass, Add</i>	78.57	
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	527.09	51.82
		<i>For Tempered Clear Insulated Glass, Add</i>	84.69	
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	585.62	55.38
		<i>For Tempered Clear Insulated Glass, Add</i>	94.97	
08 52 16 00-0257		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	380.64	42.32
		<i>For Tempered Clear Insulated Glass, Add</i>	59.20	
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	424.12	45.09
		<i>For Tempered Clear Insulated Glass, Add</i>	66.78	
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	469.75	48.26
		<i>For Tempered Clear Insulated Glass, Add</i>	74.64	
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	522.14	51.43
		<i>For Tempered Clear Insulated Glass, Add</i>	83.86	
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	561.06	53.80
		<i>For Tempered Clear Insulated Glass, Add</i>	90.69	
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	719.66	57.37
		<i>For Tempered Clear Insulated Glass, Add</i>	120.99	
08 52 16 00-0264		48" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	425.59	45.50
		<i>For Tempered Clear Insulated Glass, Add</i>	66.92	
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	469.75	48.26
		<i>For Tempered Clear Insulated Glass, Add</i>	74.64	
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	515.37	51.43
		<i>For Tempered Clear Insulated Glass, Add</i>	82.50	
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	567.77	54.60
		<i>For Tempered Clear Insulated Glass, Add</i>	91.72	
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	605.14	56.96
		<i>For Tempered Clear Insulated Glass, Add</i>	98.24	
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	661.62	60.53
		<i>For Tempered Clear Insulated Glass, Add</i>	108.11	
08 52 16 00-0271		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	455.17	47.08
		<i>For Tempered Clear Insulated Glass, Add</i>	72.20	
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	498.66	49.85
		<i>For Tempered Clear Insulated Glass, Add</i>	79.79	
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	539.26	53.01
		<i>For Tempered Clear Insulated Glass, Add</i>	86.65	
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	596.69	56.18
		<i>For Tempered Clear Insulated Glass, Add</i>	96.87	
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	635.74	58.54
		<i>For Tempered Clear Insulated Glass, Add</i>	103.73	
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	691.22	62.11
		<i>For Tempered Clear Insulated Glass, Add</i>	113.40	
08 52 16 00-0278		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	499.33	49.85
		<i>For Tempered Clear Insulated Glass, Add</i>	79.93	
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	542.82	53.01
		<i>For Tempered Clear Insulated Glass, Add</i>	87.52	
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	588.44	56.18
		<i>For Tempered Clear Insulated Glass, Add</i>	95.38	
08 52 16 00-0282	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	640.84	58.95
		<i>For Tempered Clear Insulated Glass, Add</i>	104.59	
08 52 16 00-0283	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	679.90	61.32
		<i>For Tempered Clear Insulated Glass, Add</i>	111.45	
08 52 16 00-0284	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	734.69	64.88
		<i>For Tempered Clear Insulated Glass, Add</i>	120.99	
08 52 16 00-0285		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0286	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	529.72	51.82
		<i>For Tempered Clear Insulated Glass, Add</i>	85.21	
08 52 16 00-0287	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	573.19	54.60
		<i>For Tempered Clear Insulated Glass, Add</i>	92.80	
08 52 16 00-0288	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	619.51	57.76
		<i>For Tempered Clear Insulated Glass, Add</i>	100.80	
08 52 16 00-0289	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	671.90	60.92
		<i>For Tempered Clear Insulated Glass, Add</i>	110.01	

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

08 52 16 00-0290			71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0291	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	573.87	54.60
			<i>For Tempered Clear Insulated Glass, Add</i>	92.94	
08 52 16 00-0292	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	617.35	57.76
			<i>For Tempered Clear Insulated Glass, Add</i>	100.53	
08 52 16 00-0293	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	662.98	60.92
			<i>For Tempered Clear Insulated Glass, Add</i>	108.39	
08 52 16 00-0294	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	715.39	63.69
			<i>For Tempered Clear Insulated Glass, Add</i>	117.60	
08 52 16 00-0295			One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)		
08 52 16 00-0296			24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0297	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	511.93	51.03
			<i>For Tempered Clear Insulated Glass, Add</i>	81.97	
08 52 16 00-0298	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	592.75	56.18
			<i>For Tempered Clear Insulated Glass, Add</i>	96.08	
08 52 16 00-0299			28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0300	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	541.93	52.61
			<i>For Tempered Clear Insulated Glass, Add</i>	87.34	
08 52 16 00-0301	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	617.73	57.76
			<i>For Tempered Clear Insulated Glass, Add</i>	100.44	
08 52 16 00-0302			35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0303	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	522.28	51.43
			<i>For Tempered Clear Insulated Glass, Add</i>	83.89	
08 52 16 00-0304	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	586.98	55.38
			<i>For Tempered Clear Insulated Glass, Add</i>	95.24	
08 52 16 00-0305	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	667.04	60.92
			<i>For Tempered Clear Insulated Glass, Add</i>	109.20	
08 52 16 00-0306			40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0307	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	551.28	53.80
			<i>For Tempered Clear Insulated Glass, Add</i>	88.89	
08 52 16 00-0308	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	618.03	57.37
			<i>For Tempered Clear Insulated Glass, Add</i>	100.66	
08 52 16 00-0309	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	697.43	62.50
			<i>For Tempered Clear Insulated Glass, Add</i>	114.48	
08 52 16 00-0310			48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0311	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	662.98	60.53
			<i>For Tempered Clear Insulated Glass, Add</i>	108.39	
08 52 16 00-0312	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	742.37	65.67
			<i>For Tempered Clear Insulated Glass, Add</i>	122.21	
08 52 16 00-0313			52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0314	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	692.57	62.11
			<i>For Tempered Clear Insulated Glass, Add</i>	113.67	
08 52 16 00-0315	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)	771.96	67.25
			<i>For Tempered Clear Insulated Glass, Add</i>	127.49	
08 52 16 00-0316			59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0317	EA 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	736.04	64.88
	<i>For Tempered Clear Insulated Glass, Add</i>	121.26	
08 52 16 00-0318	EA 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	816.12	70.41
	<i>For Tempered Clear Insulated Glass, Add</i>	135.22	
08 52 16 00-0319	Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0178) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320	One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0321	24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0322	EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	221.90	30.06
	<i>For Tempered Low-E Insulated Glass, Add</i>	32.51	
08 52 16 00-0323	EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	234.44	30.86
	<i>For Tempered Low-E Insulated Glass, Add</i>	34.54	
08 52 16 00-0324	EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	248.61	32.44
	<i>For Tempered Low-E Insulated Glass, Add</i>	36.75	
08 52 16 00-0325	EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	261.75	34.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	38.74	
08 52 16 00-0326	28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0327	EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	237.76	31.64
	<i>For Tempered Low-E Insulated Glass, Add</i>	35.05	
08 52 16 00-0328	EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	250.30	32.44
	<i>For Tempered Low-E Insulated Glass, Add</i>	37.08	
08 52 16 00-0329	EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	264.47	34.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	39.29	
08 52 16 00-0330	EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	272.00	35.60
	<i>For Tempered Low-E Insulated Glass, Add</i>	40.16	
08 52 16 00-0331	EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	288.02	37.19
	<i>For Tempered Low-E Insulated Glass, Add</i>	42.89	
08 52 16 00-0332	35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0333	EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	266.17	34.02
	<i>For Tempered Low-E Insulated Glass, Add</i>	39.63	
08 52 16 00-0334	EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	279.55	35.60
	<i>For Tempered Low-E Insulated Glass, Add</i>	41.83	
08 52 16 00-0335	EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	293.74	36.79
	<i>For Tempered Low-E Insulated Glass, Add</i>	44.03	
08 52 16 00-0336	EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	315.53	38.37
	<i>For Tempered Low-E Insulated Glass, Add</i>	47.76	
08 52 16 00-0337	EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	336.08	39.56
	<i>For Tempered Low-E Insulated Glass, Add</i>	51.39	
08 52 16 00-0338	EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	355.90	40.35
	<i>For Tempered Low-E Insulated Glass, Add</i>	55.04	
08 52 16 00-0339	40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0340	EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	285.36	36.39
	<i>For Tempered Low-E Insulated Glass, Add</i>	42.67	
08 52 16 00-0341	EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	297.91	37.19
	<i>For Tempered Low-E Insulated Glass, Add</i>	44.71	
08 52 16 00-0342	EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	312.09	38.77
	<i>For Tempered Low-E Insulated Glass, Add</i>	46.91	
08 52 16 00-0343	EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	343.19	40.35
	<i>For Tempered Low-E Insulated Glass, Add</i>	52.50	
08 52 16 00-0344	EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	364.70	41.93
	<i>For Tempered Low-E Insulated Glass, Add</i>	56.32	
08 52 16 00-0345	EA 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	385.15	43.51
	<i>For Tempered Low-E Insulated Glass, Add</i>	59.78	
08 52 16 00-0346	48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)		
08 52 16 00-0347	EA 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	312.88	39.56
	<i>For Tempered Low-E Insulated Glass, Add</i>	46.91	
08 52 16 00-0348	EA 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	326.26	40.35
	<i>For Tempered Low-E Insulated Glass, Add</i>	49.11	
08 52 16 00-0349	EA 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	340.43	41.93
	<i>For Tempered Low-E Insulated Glass, Add</i>	51.31	
08 52 16 00-0350	EA 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	382.98	43.51
	<i>For Tempered Low-E Insulated Glass, Add</i>	59.19	
08 52 16 00-0351	EA 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	399.97	45.09
	<i>For Tempered Low-E Insulated Glass, Add</i>	62.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0352	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	425.36 66.56	46.68
08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0354	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	331.28 49.96	41.15
08 52 16 00-0355	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	343.81 51.99	41.93
08 52 16 00-0356	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	358.00 54.19	43.51
08 52 16 00-0357	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	410.29 64.02	45.09
08 52 16 00-0358	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	435.30 68.55	46.68
08 52 16 00-0359	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	452.23 71.30	48.26
08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0361	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	358.00 54.19	43.51
08 52 16 00-0362	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	371.37 56.39	45.09
08 52 16 00-0363	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	385.55 58.60	46.28
08 52 16 00-0364	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	449.69 70.79	47.87
08 52 16 00-0365	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	467.64 73.91	49.05
08 52 16 00-0366	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	491.65 78.08	50.64
08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0368	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	377.20 57.24	45.89
08 52 16 00-0369	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	389.73 59.27	46.68
08 52 16 00-0370	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	403.91 61.48	48.26
08 52 16 00-0371	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	477.37 75.54	49.85
08 52 16 00-0372	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	494.11 78.41	51.43
08 52 16 00-0373	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	519.32 82.82	53.01
08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)					
08 52 16 00-0375	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	403.91 61.48	48.26
08 52 16 00-0376	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	417.29 63.68	49.85
08 52 16 00-0377	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	431.47 65.88	51.03
08 52 16 00-0378	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	516.78 82.31	52.61
08 52 16 00-0379	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	537.16 85.91	53.80
08 52 16 00-0380	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	558.74 89.59	55.38
08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)					
08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0383	EA		40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	388.70 62.23	38.77
08 52 16 00-0384	EA		48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	440.88 71.40	41.93
08 52 16 00-0385	EA		56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	501.06 82.17	45.09
08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)					
08 52 16 00-0387	EA		40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	418.73 67.61	40.35

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	470.94	43.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.78	
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	531.09	46.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.55	
08 52 16 00-0390		35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	415.13	40.35
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.89	
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	468.10	43.51
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.37	
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	523.55	46.68
		<i>For Tempered Low-E Insulated Glass, Add</i>	86.20	
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	587.47	49.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	97.71	
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	630.44	51.82
		<i>For Tempered Low-E Insulated Glass, Add</i>	105.36	
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	701.82	55.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	118.21	
08 52 16 00-0397		40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	452.12	42.32
		<i>For Tempered Low-E Insulated Glass, Add</i>	73.49	
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	505.09	45.09
		<i>For Tempered Low-E Insulated Glass, Add</i>	82.98	
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	560.54	48.26
		<i>For Tempered Low-E Insulated Glass, Add</i>	92.80	
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	624.45	51.43
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.32	
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	671.91	53.80
		<i>For Tempered Low-E Insulated Glass, Add</i>	112.86	
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	868.38	57.37
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.73	
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	506.73	45.50
		<i>For Tempered Low-E Insulated Glass, Add</i>	83.15	
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	560.54	48.26
		<i>For Tempered Low-E Insulated Glass, Add</i>	92.80	
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	615.98	51.43
		<i>For Tempered Low-E Insulated Glass, Add</i>	102.63	
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	679.90	54.60
		<i>For Tempered Low-E Insulated Glass, Add</i>	114.14	
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	725.42	56.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	122.30	
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	794.25	60.53
		<i>For Tempered Low-E Insulated Glass, Add</i>	134.64	
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	542.92	47.08
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.75	
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	595.88	49.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.24	
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	646.31	53.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.06	
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	715.26	56.18
		<i>For Tempered Low-E Insulated Glass, Add</i>	120.58	
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	762.89	58.54
		<i>For Tempered Low-E Insulated Glass, Add</i>	129.16	
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	830.45	62.11
		<i>For Tempered Low-E Insulated Glass, Add</i>	141.25	
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows		
		(Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	596.73	49.85
		<i>For Tempered Low-E Insulated Glass, Add</i>	99.41	
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	649.70	53.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.89	
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	705.15	56.18
		<i>For Tempered Low-E Insulated Glass, Add</i>	118.72	
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	769.06	58.95
		<i>For Tempered Low-E Insulated Glass, Add</i>	130.24	
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	816.70	61.32
		<i>For Tempered Low-E Insulated Glass, Add</i>	138.81	
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	883.41	64.88
		<i>For Tempered Low-E Insulated Glass, Add</i>	150.73	

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

08 52 16 00-0425			64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)		
08 52 16 00-0426	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	633.72	51.82
			<i>For Tempered Low-E Insulated Glass, Add</i>	106.01	
08 52 16 00-0427	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	686.68	54.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.50	
08 52 16 00-0428	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	742.99	57.76
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.49	
08 52 16 00-0429	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	806.90	60.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	137.01	
08 52 16 00-0430			71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)		
08 52 16 00-0431	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	687.53	54.60
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.67	
08 52 16 00-0432	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	740.49	57.76
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.15	
08 52 16 00-0433	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	795.95	60.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.98	
08 52 16 00-0434	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	859.88	63.69
			<i>For Tempered Low-E Insulated Glass, Add</i>	146.50	
08 52 16 00-0435			One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)		
08 52 16 00-0436			24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0437	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	613.14	51.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.21	
08 52 16 00-0438	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	710.34	56.18
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.60	
08 52 16 00-0439			28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0440	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	648.59	52.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	108.67	
08 52 16 00-0441	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	740.77	57.76
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.05	
08 52 16 00-0442			35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0443	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	624.62	51.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.35	
08 52 16 00-0444	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	703.51	55.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.55	
08 52 16 00-0445	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	801.03	60.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.00	
08 52 16 00-0446			40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0447	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	659.89	53.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	110.62	
08 52 16 00-0448	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	741.34	57.37
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.32	
08 52 16 00-0449	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	838.02	62.50
			<i>For Tempered Low-E Insulated Glass, Add</i>	142.60	
08 52 16 00-0450			48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)		
08 52 16 00-0451	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	795.95	60.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.98	
08 52 16 00-0452	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	892.61	65.67
			<i>For Tempered Low-E Insulated Glass, Add</i>	152.26	

08 Openings**08 50 Windows****08 52 Wood Windows**

		MINOR			TOTAL DIRECT	DEMOLITION
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0453				52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0454	EA			71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	832.15	62.11
				<i>For Tempered Low-E Insulated Glass, Add</i>	141.59	
08 52 16 00-0455	EA			84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	928.81	67.25
				<i>For Tempered Low-E Insulated Glass, Add</i>	158.86	
08 52 16 00-0456				59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0457	EA			71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	885.10	64.88
				<i>For Tempered Low-E Insulated Glass, Add</i>	151.07	
08 52 16 00-0458	EA			84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	982.63	70.41
				<i>For Tempered Low-E Insulated Glass, Add</i>	168.52	
08 52 16 00-0459				Awning Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-0460				Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0459)</small>		
				Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461				Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0460)</small>		
08 52 16 00-0462				17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0463	EA			24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	206.41	32.44
				<i>For Tempered Clear Insulated Glass, Add</i>	28.31	
08 52 16 00-0464	EA			28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	220.41	34.02
				<i>For Tempered Clear Insulated Glass, Add</i>	30.47	
08 52 16 00-0465	EA			31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	231.79	35.21
				<i>For Tempered Clear Insulated Glass, Add</i>	32.28	
08 52 16 00-0466	EA			35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	246.29	36.79
				<i>For Tempered Clear Insulated Glass, Add</i>	34.54	
08 52 16 00-0467	EA			40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	263.11	38.77
				<i>For Tempered Clear Insulated Glass, Add</i>	37.11	
08 52 16 00-0468	EA			48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	289.08	41.93
				<i>For Tempered Clear Insulated Glass, Add</i>	41.04	
08 52 16 00-0469	EA			52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	305.13	43.51
				<i>For Tempered Clear Insulated Glass, Add</i>	43.62	
08 52 16 00-0470	EA			59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	328.95	46.68
				<i>For Tempered Clear Insulated Glass, Add</i>	47.28	
08 52 16 00-0471	EA			64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	338.71	48.26
				<i>For Tempered Clear Insulated Glass, Add</i>	48.44	
08 52 16 00-0472	EA			71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	362.31	51.03
				<i>For Tempered Clear Insulated Glass, Add</i>	52.05	
08 52 16 00-0473				20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0474	EA			24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	217.24	34.02
				<i>For Tempered Clear Insulated Glass, Add</i>	30.00	
08 52 16 00-0475	EA			28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	232.27	35.60
				<i>For Tempered Clear Insulated Glass, Add</i>	32.37	
08 52 16 00-0476	EA			31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	242.21	36.39
				<i>For Tempered Clear Insulated Glass, Add</i>	33.88	
08 52 16 00-0477	EA			35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	258.13	37.98
				<i>For Tempered Clear Insulated Glass, Add</i>	36.44	
08 52 16 00-0478	EA			40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	274.96	40.35
				<i>For Tempered Clear Insulated Glass, Add</i>	39.01	
08 52 16 00-0479	EA			48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	300.27	43.12
				<i>For Tempered Clear Insulated Glass, Add</i>	42.81	
08 52 16 00-0480	EA			52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	316.30	45.09
				<i>For Tempered Clear Insulated Glass, Add</i>	45.38	
08 52 16 00-0481	EA			59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	340.81	47.47
				<i>For Tempered Clear Insulated Glass, Add</i>	49.17	
08 52 16 00-0482	EA			64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	349.78	49.85
				<i>For Tempered Clear Insulated Glass, Add</i>	50.18	
08 52 16 00-0483	EA			71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	374.05	52.22
				<i>For Tempered Clear Insulated Glass, Add</i>	53.92	
08 52 16 00-0484	EA			84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	556.40	57.76
				<i>For Tempered Clear Insulated Glass, Add</i>	88.34	
08 52 16 00-0485				24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0486	EA			24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	230.91	35.60
				<i>For Tempered Clear Insulated Glass, Add</i>	32.10	
08 52 16 00-0487	EA			28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	244.93	37.19
				<i>For Tempered Clear Insulated Glass, Add</i>	34.27	
08 52 16 00-0488	EA			31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	254.56	37.98
				<i>For Tempered Clear Insulated Glass, Add</i>	35.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0489	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	270.79 38.33	39.56
08 52 16 00-0490	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	287.62 40.91	41.93
08 52 16 00-0491	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	313.59 44.84	44.70
08 52 16 00-0492	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	329.63 47.41	46.68
08 52 16 00-0493	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	354.14 51.21	49.05
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	362.31 52.05	51.43
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	385.88 55.66	53.80
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	584.27 93.28	59.34
08 52 16 00-0497			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	232.06 31.69	37.19
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	252.83 35.22	38.77
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	266.35 37.45	39.56
08 52 16 00-0501	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	290.89 41.72	41.15
08 52 16 00-0502	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	315.85 45.92	43.51
08 52 16 00-0503	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	352.67 52.02	46.28
08 52 16 00-0504	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	376.16 56.09	48.26
08 52 16 00-0505	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	412.18 62.18	50.64
08 52 16 00-0506	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	426.35 64.22	53.01
08 52 16 00-0507	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	461.33 70.11	55.38
08 52 16 00-0508	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	600.13 95.82	60.92
08 52 16 00-0509			31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0510	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	266.35 37.45	39.56
08 52 16 00-0511	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	280.79 39.86	40.74
08 52 16 00-0512	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	300.62 43.19	42.32
08 52 16 00-0513	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	322.97 46.87	44.31
08 52 16 00-0514	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	355.73 52.16	47.47
08 52 16 00-0515	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	377.86 55.95	49.05
08 52 16 00-0516	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	409.83 61.24	52.22
08 52 16 00-0517	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	432.17 64.91	53.80
08 52 16 00-0518	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	464.72 70.32	56.57
08 52 16 00-0519	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	637.45 102.80	61.72
08 52 16 00-0520			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0521	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	300.62 43.19	42.32
08 52 16 00-0522	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	328.27 48.09	43.92
08 52 16 00-0523	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	353.23 52.29	45.89
08 52 16 00-0524	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	390.05 58.39	49.05
08 52 16 00-0525	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	414.22 62.59	50.64
08 52 16 00-0526	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	449.57 68.55	53.80
08 52 16 00-0527	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	400.45 57.94	55.38
08 52 16 00-0528	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	428.72 62.48	58.15

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0529	40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0530	EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	349.17 51.48	45.89
08 52 16 00-0531	EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	389.71 58.80	48.26
08 52 16 00-0532	48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0533	EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	410.38 62.45	49.05
08 52 16 00-0534	EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	451.60 69.91	51.43
08 52 16 00-0535	EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	512.13 80.75	54.19
08 52 16 00-0536	59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0537	EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	501.59 78.96	53.41
08 52 16 00-0538	EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	537.91 85.43	55.38
08 52 16 00-0539	71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0540	EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	544.45 87.37	53.80
08 52 16 00-0541	EA 35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	565.50 89.84	58.15
08 52 16 00-0542	EA 40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	622.10 100.37	60.13
08 52 16 00-0543	EA 48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	680.95 110.87	63.30
08 52 16 00-0544	Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0460)		
08 52 16 00-0545	17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0546	EA 24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	185.41 24.11	32.44
08 52 16 00-0547	EA 28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	198.73 26.14	34.02
08 52 16 00-0548	EA 31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	207.65 27.45	35.21
08 52 16 00-0549	EA 35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	221.89 29.66	36.79
08 52 16 00-0550	EA 40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	237.36 31.96	38.77
08 52 16 00-0551	EA 48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	261.30 35.49	41.93
08 52 16 00-0552	EA 52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	275.32 37.66	43.51
08 52 16 00-0553	EA 59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	297.79 41.04	46.68
08 52 16 00-0554	EA 64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	313.27 43.35	48.26
08 52 16 00-0555	EA 71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	335.74 46.73	51.03
08 52 16 00-0556	20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0557	EA 24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	195.91 25.73	34.02
08 52 16 00-0558	EA 28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	209.23 27.76	35.60
08 52 16 00-0559	EA 31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	217.50 28.94	36.39
08 52 16 00-0560	EA 35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	233.06 31.42	37.98
08 52 16 00-0561	EA 40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	248.54 33.73	40.35
08 52 16 00-0562	EA 48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	271.81 37.11	43.12
08 52 16 00-0563	EA 52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	286.49 39.42	45.09
08 52 16 00-0564	EA 59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	308.29 42.67	47.47
08 52 16 00-0565	EA 64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	324.44 45.11	49.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0566	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	346.25 48.36	52.22
08 52 16 00-0567			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0568	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	207.87 27.49	35.60
08 52 16 00-0569	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	221.22 29.53	37.19
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	228.71 30.55	37.98
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	244.36 33.05	39.56
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	259.84 35.35	41.93
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	283.10 38.74	44.70
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	297.79 41.04	46.68
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	320.27 44.43	49.05
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	335.74 46.73	51.43
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	358.21 50.12	53.80
08 52 16 00-0578			28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0579	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	210.38 27.36	37.19
08 52 16 00-0580	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	227.76 30.20	38.77
08 52 16 00-0581	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	237.62 31.70	39.56
08 52 16 00-0582	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	247.52 33.05	41.15
08 52 16 00-0583	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	279.26 38.60	43.51
08 52 16 00-0584	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	309.31 43.35	46.28
08 52 16 00-0585	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	328.73 46.60	48.26
08 52 16 00-0586	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	357.98 51.34	50.64
08 52 16 00-0587	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	378.88 54.73	53.01
08 52 16 00-0588	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	408.13 59.47	55.38
08 52 16 00-0589			31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0590	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	237.62 31.70	39.56
08 52 16 00-0591	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	249.76 33.65	40.74
08 52 16 00-0592	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	266.15 36.30	42.32
08 52 16 00-0593	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	285.05 39.29	44.31
08 52 16 00-0594	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	312.63 43.54	47.47
08 52 16 00-0595	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	330.74 46.53	49.05
08 52 16 00-0596	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	357.54 50.78	52.22
08 52 16 00-0597	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	375.86 53.65	53.80
08 52 16 00-0598	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	402.66 57.90	56.57
08 52 16 00-0599			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0600	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	266.15 36.30	42.32
08 52 16 00-0601	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	289.65 40.37	43.92
08 52 16 00-0602	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	309.87 43.62	45.89
08 52 16 00-0603	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	340.59 48.50	49.05
08 52 16 00-0604	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	360.01 51.75	50.64

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0605	EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	389.27 56.49	53.80
08 52 16 00-0606	EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	409.49 59.74	55.38
08 52 16 00-0607	EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	438.73 64.49	58.15
08 52 16 00-0608	Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609	Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0608)</small>		
08 52 16 00-0610	17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611	EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	239.95 35.01	32.44
08 52 16 00-0612	EA 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	256.66 37.72	34.02
08 52 16 00-0613	EA 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	270.28 39.97	35.21
08 52 16 00-0614	EA 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	287.62 42.81	36.79
08 52 16 00-0615	EA 40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	307.66 46.02	38.77
08 52 16 00-0616	EA 48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	338.54 50.94	41.93
08 52 16 00-0617	EA 52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	357.81 54.15	43.51
08 52 16 00-0618	EA 59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	386.21 58.73	46.68
08 52 16 00-0619	EA 64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	397.41 60.18	48.26
08 52 16 00-0620	EA 71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	425.53 64.69	51.03
08 52 16 00-0621	20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0622	EA 24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	252.90 37.13	34.02
08 52 16 00-0623	EA 28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	270.89 40.10	35.60
08 52 16 00-0624	EA 31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	282.72 41.99	36.39
08 52 16 00-0625	EA 35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	301.83 45.18	37.98
08 52 16 00-0626	EA 40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	321.88 48.39	40.35
08 52 16 00-0627	EA 48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	351.93 53.14	43.12
08 52 16 00-0628	EA 52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	371.18 56.36	45.09
08 52 16 00-0629	EA 59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	400.43 61.10	47.47
08 52 16 00-0630	EA 64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	410.66 62.35	49.85
08 52 16 00-0631	EA 71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	439.61 67.03	52.22
08 52 16 00-0632	EA 84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	664.98 110.05	57.76
08 52 16 00-0633	24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0634	EA 24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	269.19 39.76	35.60
08 52 16 00-0635	EA 28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	285.92 42.47	37.19
08 52 16 00-0636	EA 31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	297.37 44.28	37.98
08 52 16 00-0637	EA 35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	316.86 47.55	39.56
08 52 16 00-0638	EA 40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	336.91 50.77	41.93
08 52 16 00-0639	EA 48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	367.79 55.68	44.70
08 52 16 00-0640	EA 52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	387.05 58.90	46.68
08 52 16 00-0641	EA 59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	416.31 63.64	49.05
08 52 16 00-0642	EA 64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	425.53 64.69	51.43
08 52 16 00-0643	EA 71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	453.61 69.20	53.80
08 52 16 00-0644	EA 84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	699.02 116.23	59.34

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

08 52 16 00-0645			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	269.83	37.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	39.25	
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	295.01	38.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	43.65	
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	311.32	39.56
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.44	
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	341.19	41.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	51.78	
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	371.41	43.51
			<i>For Tempered Low-E Insulated Glass, Add</i>	57.03	
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	415.85	46.28
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.66	
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	444.42	48.26
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.74	
08 52 16 00-0653	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	488.07	50.64
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.36	
08 52 16 00-0654	EA		64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	504.79	53.01
			<i>For Tempered Low-E Insulated Glass, Add</i>	79.91	
08 52 16 00-0655	EA		71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	620.88	55.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.02	
08 52 16 00-0656	EA		84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series)	718.06	60.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.40	
08 52 16 00-0657			31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0658	EA		28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	311.32	39.56
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.44	
08 52 16 00-0659	EA		31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	328.77	40.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	49.46	
08 52 16 00-0660	EA		35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	352.77	42.32
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.62	
08 52 16 00-0661	EA		40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	379.72	44.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	58.22	
08 52 16 00-0662	EA		48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	419.08	47.47
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.83	
08 52 16 00-0663	EA		52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	445.95	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.57	
08 52 16 00-0664	EA		59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	484.53	52.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	76.18	
08 52 16 00-0665	EA		64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	511.47	53.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	80.77	
08 52 16 00-0666	EA		71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	550.77	56.57
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.53	
08 52 16 00-0667	EA		84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series)	764.11	61.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	128.14	
08 52 16 00-0668			35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0669	EA		31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	352.77	42.32
			<i>For Tempered Low-E Insulated Glass, Add</i>	53.62	
08 52 16 00-0670	EA		35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	386.54	43.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	59.74	
08 52 16 00-0671	EA		40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	416.75	45.89
			<i>For Tempered Low-E Insulated Glass, Add</i>	64.99	
08 52 16 00-0672	EA		48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	461.20	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.62	
08 52 16 00-0673	EA		52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	490.61	50.64
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.87	
08 52 16 00-0674	EA		59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	533.41	53.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	85.32	
08 52 16 00-0675	EA		64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	471.03	55.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.05	
08 52 16 00-0676	EA		71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series)	504.99	58.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.74	
08 52 16 00-0677			40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0678	EA		35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	407.71	45.89
			<i>For Tempered Low-E Insulated Glass, Add</i>	63.98	
08 52 16 00-0679	EA		40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series)	463.74	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	73.13	
08 52 16 00-0680			48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0681	EA		35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	486.60	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.70	
08 52 16 00-0682	EA		40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)	537.14	51.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.01	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0683	EA		48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	611.22 100.57	54.19
08 52 16 00-0684			59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0685	EA		35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	598.45 98.33	53.41
08 52 16 00-0686	EA		40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	642.85 106.42	55.38
08 52 16 00-0687			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0688	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	651.82 108.84	53.80
08 52 16 00-0689	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	675.96 111.93	58.15
08 52 16 00-0690	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	745.72 125.09	60.13
08 52 16 00-0691	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	817.69 138.22	63.30
08 52 16 00-0692			Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0608)		
08 52 16 00-0693			17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0694	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	213.69 29.76	32.44
08 52 16 00-0695	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	229.56 32.30	34.02
08 52 16 00-0696	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	240.12 33.94	35.21
08 52 16 00-0697	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	257.13 36.71	36.79
08 52 16 00-0698	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	275.47 39.59	38.77
08 52 16 00-0699	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	303.81 43.99	41.93
08 52 16 00-0700	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	320.55 46.70	43.51
08 52 16 00-0701	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	347.25 50.94	46.68
08 52 16 00-0702	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	365.61 53.82	48.26
08 52 16 00-0703	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	392.32 58.05	51.03
08 52 16 00-0704			20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0705	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	226.23 31.80	34.02
08 52 16 00-0706	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	242.09 34.34	35.60
08 52 16 00-0707	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	251.83 35.81	36.39
08 52 16 00-0708	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	270.50 38.91	37.98
08 52 16 00-0709	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	288.85 41.79	40.35
08 52 16 00-0710	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	316.36 46.02	43.12
08 52 16 00-0711	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	333.92 48.90	45.09
08 52 16 00-0712	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	359.78 52.97	47.47
08 52 16 00-0713	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	378.99 56.02	49.85
08 52 16 00-0714	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	404.85 60.08	52.22
08 52 16 00-0715			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0692)		
08 52 16 00-0716	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	240.40 34.00	35.60
08 52 16 00-0717	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	256.28 36.54	37.19
08 52 16 00-0718	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	265.05 37.82	37.98
08 52 16 00-0719	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	283.83 40.94	39.56
08 52 16 00-0720	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	302.19 43.82	41.93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0721	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	329.68 48.06	44.70
08 52 16 00-0722	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	347.25 50.94	46.68
08 52 16 00-0723	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	373.96 55.17	49.05
08 52 16 00-0724	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	392.32 58.05	51.43
08 52 16 00-0725	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	419.02 62.28	53.80
08 52 16 00-0726			28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0727	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	242.73 33.83	37.19
08 52 16 00-0728	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	263.67 37.38	38.77
08 52 16 00-0729	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	275.40 39.26	39.56
08 52 16 00-0730	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	286.99 40.94	41.15
08 52 16 00-0731	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	325.67 47.89	43.51
08 52 16 00-0732	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	361.65 53.82	46.28
08 52 16 00-0733	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	385.13 57.88	48.26
08 52 16 00-0734	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	420.32 63.81	50.64
08 52 16 00-0735	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	445.45 68.04	53.01
08 52 16 00-0736	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	480.63 73.97	55.38
08 52 16 00-0737			31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0738	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	275.40 39.26	39.56
08 52 16 00-0739	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	289.98 41.70	40.74
08 52 16 00-0740	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	309.67 45.00	42.32
08 52 16 00-0741	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	332.31 48.74	44.31
08 52 16 00-0742	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	365.21 54.05	47.47
08 52 16 00-0743	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	387.05 57.79	49.05
08 52 16 00-0744	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	419.17 63.10	52.22
08 52 16 00-0745	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	441.08 66.70	53.80
08 52 16 00-0746	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	473.19 72.01	56.57
08 52 16 00-0747			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0748	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	309.67 45.00	42.32
08 52 16 00-0749	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	338.26 50.09	43.92
08 52 16 00-0750	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	362.55 54.15	45.89
08 52 16 00-0751	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	399.37 60.25	49.05
08 52 16 00-0752	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	422.86 64.32	50.64
08 52 16 00-0753	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	458.04 70.25	53.80
08 52 16 00-0754	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	482.32 74.31	55.38
08 52 16 00-0755	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	517.50 80.24	58.15
08 52 16 00-0756			Horizontal Sliding Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-0757			One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0756)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758			17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0759	EA	47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	257.01	41.93
		<i>For Tempered Clear Insulated Glass, Add</i>	34.79	
08 52 16 00-0760		23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0761	EA	35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	237.21	38.77
		<i>For Tempered Clear Insulated Glass, Add</i>	31.78	
08 52 16 00-0762	EA	47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	275.97	44.31
		<i>For Tempered Clear Insulated Glass, Add</i>	37.63	
08 52 16 00-0763		35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	275.97	44.31
		<i>For Tempered Clear Insulated Glass, Add</i>	37.63	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	314.72	49.05
		<i>For Tempered Clear Insulated Glass, Add</i>	43.48	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	353.49	53.41
		<i>For Tempered Clear Insulated Glass, Add</i>	49.34	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	392.25	58.15
		<i>For Tempered Clear Insulated Glass, Add</i>	55.19	
08 52 16 00-0768		41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	295.77	46.68
		<i>For Tempered Clear Insulated Glass, Add</i>	40.64	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	333.70	51.43
		<i>For Tempered Clear Insulated Glass, Add</i>	46.33	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	372.46	55.78
		<i>For Tempered Clear Insulated Glass, Add</i>	52.18	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	440.48	60.53
		<i>For Tempered Clear Insulated Glass, Add</i>	63.89	
08 52 16 00-0773		47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	314.72	49.05
		<i>For Tempered Clear Insulated Glass, Add</i>	43.48	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	353.49	53.80
		<i>For Tempered Clear Insulated Glass, Add</i>	49.34	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	392.25	58.15
		<i>For Tempered Clear Insulated Glass, Add</i>	55.19	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	431.02	62.90
		<i>For Tempered Clear Insulated Glass, Add</i>	61.04	
08 52 16 00-0778		53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	372.46	56.18
		<i>For Tempered Clear Insulated Glass, Add</i>	52.18	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	411.21	60.53
		<i>For Tempered Clear Insulated Glass, Add</i>	58.03	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	449.98	65.27
		<i>For Tempered Clear Insulated Glass, Add</i>	63.89	
08 52 16 00-0782		59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)		
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	392.25	58.54
		<i>For Tempered Clear Insulated Glass, Add</i>	55.19	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	431.02	62.90
		<i>For Tempered Clear Insulated Glass, Add</i>	61.04	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	469.84	67.65
		<i>For Tempered Clear Insulated Glass, Add</i>	66.91	
08 52 16 00-0786		Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0756)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787		22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	530.63	38.77
		<i>For Tempered Low-E Insulated Glass, Add</i>	90.46	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	629.60	44.31
		<i>For Tempered Low-E Insulated Glass, Add</i>	108.36	
08 52 16 00-0790		35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0791	EA		35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	637.12	44.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.86	
08 52 16 00-0792	EA		47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	736.92	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.92	
08 52 16 00-0793	EA		59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.90	53.41
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0794	EA		71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.86	58.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0795			41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0796)		
08 52 16 00-0796	EA		35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	687.03	46.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.89	
08 52 16 00-0797	EA		47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	786.00	51.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.79	
08 52 16 00-0798	EA		59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	885.80	55.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	154.85	
08 52 16 00-0799	EA		71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	984.77	60.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	172.74	
08 52 16 00-0800			47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0796)		
08 52 16 00-0801	EA		35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	736.92	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.92	
08 52 16 00-0802	EA		47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.90	53.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0803	EA		59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.86	58.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0804	EA		71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,034.67	62.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	181.77	
08 52 16 00-0805			59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0796)		
08 52 16 00-0806	EA		35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	835.90	53.80
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.82	
08 52 16 00-0807	EA		47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	934.86	58.54
			<i>For Tempered Low-E Insulated Glass, Add</i>	163.71	
08 52 16 00-0808	EA		59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,034.67	62.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	181.77	
08 52 16 00-0809	EA		71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,133.64	67.65
			<i>For Tempered Low-E Insulated Glass, Add</i>	199.67	
08 52 16 00-0810			Picture Wood Clad Windows (08 52 16)		
08 52 16 00-0811			Picture Wood Clad Windows For Awning And Casement Windows (08 52 16 00-0810)		
08 52 16 00-0812			Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0811)		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813			12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0814	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	201.28	31.64
			<i>For Tempered Clear Insulated Glass, Add</i>	27.60	
08 52 16 00-0815	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	233.75	34.81
			<i>For Tempered Clear Insulated Glass, Add</i>	32.82	
08 52 16 00-0816	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	247.85	36.39
			<i>For Tempered Clear Insulated Glass, Add</i>	35.01	
08 52 16 00-0817	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	268.59	39.56
			<i>For Tempered Clear Insulated Glass, Add</i>	38.05	
08 52 16 00-0818	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	282.87	41.15
			<i>For Tempered Clear Insulated Glass, Add</i>	40.12	
08 52 16 00-0819	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	303.61	44.31
			<i>For Tempered Clear Insulated Glass, Add</i>	43.16	
08 52 16 00-0820			35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0821	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	226.40	38.77
			<i>For Tempered Clear Insulated Glass, Add</i>	29.77	
08 52 16 00-0822	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	258.48	41.15
			<i>For Tempered Clear Insulated Glass, Add</i>	35.40	
08 52 16 00-0823	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	305.97	43.92
			<i>For Tempered Clear Insulated Glass, Add</i>	43.63	
08 52 16 00-0824	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	336.58	45.50
			<i>For Tempered Clear Insulated Glass, Add</i>	49.12	
08 52 16 00-0825	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	382.60	48.26
			<i>For Tempered Clear Insulated Glass, Add</i>	57.21	
08 52 16 00-0826	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	414.68	50.24
			<i>For Tempered Clear Insulated Glass, Add</i>	62.84	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0827	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	597.89	53.01
		<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0828		40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0829	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	258.48	41.15
		<i>For Tempered Clear Insulated Glass, Add</i>	35.40	
08 52 16 00-0830	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	290.56	42.73
		<i>For Tempered Clear Insulated Glass, Add</i>	41.02	
08 52 16 00-0831	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	338.06	45.89
		<i>For Tempered Clear Insulated Glass, Add</i>	49.26	
08 52 16 00-0832	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	368.66	47.47
		<i>For Tempered Clear Insulated Glass, Add</i>	54.74	
08 52 16 00-0833	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	414.68	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	62.84	
08 52 16 00-0834	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	446.76	52.22
		<i>For Tempered Clear Insulated Glass, Add</i>	68.46	
08 52 16 00-0835	EA	71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	492.77	55.38
		<i>For Tempered Clear Insulated Glass, Add</i>	76.56	
08 52 16 00-0836		48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0837	EA	35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	305.97	44.31
		<i>For Tempered Clear Insulated Glass, Add</i>	43.63	
08 52 16 00-0838	EA	40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	338.06	45.89
		<i>For Tempered Clear Insulated Glass, Add</i>	49.26	
08 52 16 00-0839	EA	48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	385.55	49.05
		<i>For Tempered Clear Insulated Glass, Add</i>	57.49	
08 52 16 00-0840	EA	52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	416.15	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	62.98	
08 52 16 00-0841	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	462.16	53.80
		<i>For Tempered Clear Insulated Glass, Add</i>	71.07	
08 52 16 00-0842	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	494.25	55.38
		<i>For Tempered Clear Insulated Glass, Add</i>	76.70	
08 52 16 00-0843	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	540.25	58.54
		<i>For Tempered Clear Insulated Glass, Add</i>	84.79	
08 52 16 00-0844		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0845	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	336.58	45.89
		<i>For Tempered Clear Insulated Glass, Add</i>	49.12	
08 52 16 00-0846	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	368.66	47.47
		<i>For Tempered Clear Insulated Glass, Add</i>	54.74	
08 52 16 00-0847	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	416.15	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	62.98	
08 52 16 00-0848	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	446.76	52.22
		<i>For Tempered Clear Insulated Glass, Add</i>	68.46	
08 52 16 00-0849	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	492.77	55.38
		<i>For Tempered Clear Insulated Glass, Add</i>	76.56	
08 52 16 00-0850	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	524.86	56.96
		<i>For Tempered Clear Insulated Glass, Add</i>	82.18	
08 52 16 00-0851	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	611.34	60.13
		<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0852		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0853	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	382.60	48.26
		<i>For Tempered Clear Insulated Glass, Add</i>	57.21	
08 52 16 00-0854	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	414.68	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	62.84	
08 52 16 00-0855	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	462.16	53.41
		<i>For Tempered Clear Insulated Glass, Add</i>	71.07	
08 52 16 00-0856	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	492.77	54.99
		<i>For Tempered Clear Insulated Glass, Add</i>	76.56	
08 52 16 00-0857	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	538.79	57.76
		<i>For Tempered Clear Insulated Glass, Add</i>	84.65	
08 52 16 00-0858	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	570.87	59.73
		<i>For Tempered Clear Insulated Glass, Add</i>	90.28	
08 52 16 00-0859	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	616.88	62.50
		<i>For Tempered Clear Insulated Glass, Add</i>	98.37	
08 52 16 00-0860		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	414.68	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	62.84	
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	446.76	52.22
		<i>For Tempered Clear Insulated Glass, Add</i>	68.46	
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	494.25	55.38
		<i>For Tempered Clear Insulated Glass, Add</i>	76.70	
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)	524.86	56.96
		<i>For Tempered Clear Insulated Glass, Add</i>	82.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0865	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	611.34 98.37	60.13
08 52 16 00-0866 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)					
08 52 16 00-0867	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	460.69 70.93	53.01
08 52 16 00-0868	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	492.77 76.56	55.38
08 52 16 00-0869	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	540.25 84.79	58.15
08 52 16 00-0870	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	570.87 90.28	59.73
08 52 16 00-0871	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	616.88 98.37	62.50
08 52 16 00-0872 Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0811)					
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.					
08 52 16 00-0873 12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)					
08 52 16 00-0874	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	233.65 34.07	31.64
08 52 16 00-0875	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	272.25 40.52	34.81
08 52 16 00-0876	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	288.92 43.23	36.39
08 52 16 00-0877	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	313.22 46.98	39.56
08 52 16 00-0878	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	329.93 49.53	41.15
08 52 16 00-0879	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	354.23 53.28	44.31
08 52 16 00-0880 35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)					
08 52 16 00-0881	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	261.32 36.76	38.77
08 52 16 00-0882	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	300.00 43.70	41.15
08 52 16 00-0883	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	357.14 53.86	43.92
08 52 16 00-0884	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	394.19 60.64	45.50
08 52 16 00-0885	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	449.70 70.63	48.26
08 52 16 00-0886	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	488.38 77.58	50.24
08 52 16 00-0887	EA		71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	713.27 121.45	53.01
08 52 16 00-0888 40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)					
08 52 16 00-0889	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	300.00 43.70	41.15
08 52 16 00-0890	EA		40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	338.67 50.65	42.73
08 52 16 00-0891	EA		48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	395.83 60.81	45.89
08 52 16 00-0892	EA		52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	432.86 67.58	47.47
08 52 16 00-0893	EA		59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	488.38 77.58	50.64
08 52 16 00-0894	EA		64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	527.06 84.52	52.22
08 52 16 00-0895	EA		71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	582.57 94.52	55.38
08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)					
08 52 16 00-0897	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	357.14 53.86	44.31
08 52 16 00-0898	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	395.83 60.81	45.89
08 52 16 00-0899	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	452.97 70.97	49.05
08 52 16 00-0900	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	490.01 77.75	50.64

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0901	EA	59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	545.52	53.80
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.74	
08 52 16 00-0902	EA	64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	584.20	55.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	94.69	
08 52 16 00-0903	EA	71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	639.70	58.54
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.68	
08 52 16 00-0904		52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0905	EA	35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	394.19	45.89
		<i>For Tempered Low-E Insulated Glass, Add</i>	60.64	
08 52 16 00-0906	EA	40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	432.86	47.47
		<i>For Tempered Low-E Insulated Glass, Add</i>	67.58	
08 52 16 00-0907	EA	48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	490.01	50.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.75	
08 52 16 00-0908	EA	52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	527.06	52.22
		<i>For Tempered Low-E Insulated Glass, Add</i>	84.52	
08 52 16 00-0909	EA	59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	582.57	55.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0910	EA	64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	621.25	56.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	101.46	
08 52 16 00-0911	EA	71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	726.72	60.13
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
08 52 16 00-0912		59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0913	EA	35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	449.70	48.26
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.63	
08 52 16 00-0914	EA	40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	488.38	50.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0915	EA	48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	545.52	53.41
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.74	
08 52 16 00-0916	EA	52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	582.57	54.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0917	EA	59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	638.07	57.76
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.51	
08 52 16 00-0918	EA	64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	676.75	59.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	111.46	
08 52 16 00-0919	EA	71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	732.26	62.50
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
08 52 16 00-0920		64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0921	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	488.38	50.64
		<i>For Tempered Low-E Insulated Glass, Add</i>	77.58	
08 52 16 00-0922	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	527.06	52.22
		<i>For Tempered Low-E Insulated Glass, Add</i>	84.52	
08 52 16 00-0923	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	584.20	55.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	94.69	
08 52 16 00-0924	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	621.25	56.96
		<i>For Tempered Low-E Insulated Glass, Add</i>	101.46	
08 52 16 00-0925	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	726.72	60.13
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
08 52 16 00-0926		71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0927	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	543.88	53.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	87.57	
08 52 16 00-0928	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	582.57	55.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	94.52	
08 52 16 00-0929	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	639.70	58.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	104.68	
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	676.75	59.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	111.46	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	732.26	62.50
		<i>For Tempered Low-E Insulated Glass, Add</i>	121.45	
08 52 16 00-0932		Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)		
08 52 16 00-0933		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	290.26	49.45
		<i>For Tempered Clear Insulated Glass, Add</i>	38.27	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	297.89	50.64
		<i>For Tempered Clear Insulated Glass, Add</i>	39.32	

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

08 52 16 00-0937			47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0938	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	297.89	50.64
			<i>For Tempered Clear Insulated Glass, Add</i>	39.32	
08 52 16 00-0939	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	360.40	60.13
			<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
08 52 16 00-0940			53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0941	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	337.52	56.57
			<i>For Tempered Clear Insulated Glass, Add</i>	44.88	
08 52 16 00-0942	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	345.16	57.76
			<i>For Tempered Clear Insulated Glass, Add</i>	45.93	
08 52 16 00-0943			56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0944	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	290.26	49.85
			<i>For Tempered Clear Insulated Glass, Add</i>	38.27	
08 52 16 00-0945	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	337.52	56.57
			<i>For Tempered Clear Insulated Glass, Add</i>	44.88	
08 52 16 00-0946			59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0947	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	297.89	50.64
			<i>For Tempered Clear Insulated Glass, Add</i>	39.32	
08 52 16 00-0948	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	345.16	57.76
			<i>For Tempered Clear Insulated Glass, Add</i>	45.93	
08 52 16 00-0949	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	360.40	60.13
			<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
08 52 16 00-0950	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	376.41	62.50
			<i>For Tempered Clear Insulated Glass, Add</i>	50.28	
08 52 16 00-0951			65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0952	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	376.41	62.50
			<i>For Tempered Clear Insulated Glass, Add</i>	50.28	
08 52 16 00-0953			71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) <small>(08 52 16 00-0933)</small>		
08 52 16 00-0954	EA		47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series)	360.40	60.13
			<i>For Tempered Clear Insulated Glass, Add</i>	48.03	
08 52 16 00-0955			Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0932)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956			48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0957	EA		12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	309.26	37.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	46.98	
08 52 16 00-0958	EA		37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	428.10	47.47
			<i>For Tempered Low-E Insulated Glass, Add</i>	66.79	
08 52 16 00-0959	EA		41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	446.27	48.66
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.79	
08 52 16 00-0960	EA		47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	473.54	51.03
			<i>For Tempered Low-E Insulated Glass, Add</i>	74.29	
08 52 16 00-0961	EA		51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	491.71	53.01
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.30	
08 52 16 00-0962	EA		59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	528.81	55.78
			<i>For Tempered Low-E Insulated Glass, Add</i>	83.45	
08 52 16 00-0963	EA		67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	565.89	59.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	89.60	
08 52 16 00-0964			52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0965	EA		12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	328.19	38.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	50.13	
08 52 16 00-0966	EA		37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	446.27	49.05
			<i>For Tempered Low-E Insulated Glass, Add</i>	69.79	
08 52 16 00-0967	EA		41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	465.20	50.24
			<i>For Tempered Low-E Insulated Glass, Add</i>	72.94	
08 52 16 00-0968	EA		47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series)	491.71	52.61
			<i>For Tempered Low-E Insulated Glass, Add</i>	77.30	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0969	EA 51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	510.63 80.45	54.60
08 52 16 00-0970	EA 59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	547.72 86.60	57.37
08 52 16 00-0971	EA 67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	584.82 92.75	60.92
08 52 16 00-0972	56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0973	EA 12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	346.36 53.13	40.35
08 52 16 00-0974	EA 37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	465.20 72.94	50.64
08 52 16 00-0975	EA 41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	483.37 75.94	51.82
08 52 16 00-0976	EA 47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	510.63 80.45	54.19
08 52 16 00-0977	EA 51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	528.81 83.45	56.18
08 52 16 00-0978	EA 59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	565.89 89.60	58.95
08 52 16 00-0979	EA 67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.75 95.91	62.50
08 52 16 00-0980	60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0981	EA 12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	365.28 56.28	41.93
08 52 16 00-0982	EA 37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	483.37 75.94	52.22
08 52 16 00-0983	EA 41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	502.29 79.10	53.41
08 52 16 00-0984	EA 47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	528.81 83.45	55.78
08 52 16 00-0985	EA 51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	547.72 86.60	57.76
08 52 16 00-0986	EA 59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	584.82 92.75	60.53
08 52 16 00-0987	EA 67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	621.93 98.91	64.09
08 52 16 00-0988	64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0989	EA 12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	383.46 59.28	43.51
08 52 16 00-0990	EA 37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	502.29 79.10	53.80
08 52 16 00-0991	EA 41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	521.22 82.25	54.99
08 52 16 00-0992	EA 47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	547.72 86.60	57.37
08 52 16 00-0993	EA 51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	565.89 89.60	59.34
08 52 16 00-0994	EA 59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.75 95.91	62.11
08 52 16 00-0995	EA 67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	640.85 102.06	65.67
08 52 16 00-0996	68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0997	EA 12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	402.38 62.44	45.09
08 52 16 00-0998	EA 37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	521.22 82.25	55.38
08 52 16 00-0999	EA 41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	539.39 85.25	56.57
08 52 16 00-1000	EA 47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	565.89 89.60	58.95
08 52 16 00-1001	EA 51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	584.82 92.75	60.92
08 52 16 00-1002	EA 59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	621.93 98.91	63.69
08 52 16 00-1003	EA 67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	659.02 105.06	67.25
08 52 16 00-1004	72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1005	EA 12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	420.55 65.44	46.68
08 52 16 00-1006	EA 37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	539.39 85.25	56.96

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1007	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	558.31 88.40	58.15
08 52 16 00-1008	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	584.82 92.75	60.53
08 52 16 00-1009	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.75 95.91	62.50
08 52 16 00-1010	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	640.85 102.06	65.27
08 52 16 00-1011	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	677.95 108.21	68.83
08 52 16 00-1012			76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1013	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	439.48 68.59	48.26
08 52 16 00-1014	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	558.31 88.40	58.54
08 52 16 00-1015	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	576.49 91.40	59.73
08 52 16 00-1016	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	603.75 95.91	62.11
08 52 16 00-1017	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	621.93 98.91	64.09
08 52 16 00-1018	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	659.02 105.06	66.86
08 52 16 00-1019	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	696.12 111.22	70.41
08 52 16 00-1020			Picture Wood Clad Windows For Horizontal Sliding Windows <small>(08 52 16 00-0810)</small>		
08 52 16 00-1021			Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1020)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022			35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1023	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	290.26 38.27	49.45
08 52 16 00-1024	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	297.89 39.32	50.64
08 52 16 00-1025			47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1026	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	297.89 39.32	50.64
08 52 16 00-1027	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	360.40 48.03	60.13
08 52 16 00-1028			53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1029	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	337.52 44.88	56.57
08 52 16 00-1030	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	345.16 45.93	57.76
08 52 16 00-1031			56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1032	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	290.26 38.27	49.85
08 52 16 00-1033	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	337.52 44.88	56.57
08 52 16 00-1034			59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1035	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	297.89 39.32	50.64
08 52 16 00-1036	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	345.16 45.93	57.76
08 52 16 00-1037	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	360.40 48.03	60.13
08 52 16 00-1038	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	376.41 50.28	62.50
08 52 16 00-1039			65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1040	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	376.41 50.28	62.50

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	360.40 48.03	60.13
08 52 16 00-1043		Basement Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-1043)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series).....	158.07	31.64
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series).....	165.19	31.64
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series).....	171.45	31.64
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows <small>(08 52 16)</small>		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows <small>(08 52 16 00-1048)</small>		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	18.52	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	27.29	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	37.03	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	46.78	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	66.27	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows <small>(08 52 16 00-1048)</small>		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	29.63	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	43.66	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	59.26	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	74.85	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows.....	106.04	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows <small>(08 52 16 00-1048)</small>		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	35.55	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	52.39	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	71.11	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	89.82	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	127.24	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows <small>(08 52 16 00-1048)</small>		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	42.67	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	62.87	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	85.33	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	107.78	
08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	152.69	
08 52 19		Wood Windows <small>(08 52)</small>		
08 52 19 00-0001		Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 19)</small> Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.		
08 52 19 00-0002		30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 19 00-0001)</small>		
08 52 19 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	234.40 19.48 20.87	
08 52 19 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	248.84 20.88 22.37	
08 52 19 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	264.28 22.42 24.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 19 00-0006	EA		30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	272.51	
			<i>For Low-E Insulated Glass, Add</i>	23.26	
			<i>For Aluminum Clad Exterior, Add</i>	24.93	
08 52 19 00-0007	EA		32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	279.72	
			<i>For Low-E Insulated Glass, Add</i>	23.96	
			<i>For Aluminum Clad Exterior, Add</i>	25.68	
08 52 19 00-0008	EA		34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	288.95	
			<i>For Low-E Insulated Glass, Add</i>	24.95	
			<i>For Aluminum Clad Exterior, Add</i>	26.73	
08 52 19 00-0009	EA		36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	293.19	
			<i>For Low-E Insulated Glass, Add</i>	25.23	
			<i>For Aluminum Clad Exterior, Add</i>	27.03	
08 52 19 00-0010	EA		40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.60	
			<i>For Low-E Insulated Glass, Add</i>	27.19	
			<i>For Aluminum Clad Exterior, Add</i>	29.13	
08 52 19 00-0011	EA		44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.04	
			<i>For Low-E Insulated Glass, Add</i>	28.73	
			<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0012			34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 19 00-0001)</small>		
08 52 19 00-0013	EA		20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	248.84	
			<i>For Low-E Insulated Glass, Add</i>	20.88	
			<i>For Aluminum Clad Exterior, Add</i>	22.37	
08 52 19 00-0014	EA		24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	264.28	
			<i>For Low-E Insulated Glass, Add</i>	22.42	
			<i>For Aluminum Clad Exterior, Add</i>	24.02	
08 52 19 00-0015	EA		28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	277.51	
			<i>For Low-E Insulated Glass, Add</i>	23.96	
			<i>For Aluminum Clad Exterior, Add</i>	25.68	
08 52 19 00-0016	EA		30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	288.95	
			<i>For Low-E Insulated Glass, Add</i>	24.95	
			<i>For Aluminum Clad Exterior, Add</i>	26.73	
08 52 19 00-0017	EA		32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	296.16	
			<i>For Low-E Insulated Glass, Add</i>	25.65	
			<i>For Aluminum Clad Exterior, Add</i>	27.48	
08 52 19 00-0018	EA		34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	304.39	
			<i>For Low-E Insulated Glass, Add</i>	26.49	
			<i>For Aluminum Clad Exterior, Add</i>	28.38	
08 52 19 00-0019	EA		36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.60	
			<i>For Low-E Insulated Glass, Add</i>	27.19	
			<i>For Aluminum Clad Exterior, Add</i>	29.13	
08 52 19 00-0020	EA		40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.04	
			<i>For Low-E Insulated Glass, Add</i>	28.73	
			<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0021	EA		44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....	342.50	
			<i>For Low-E Insulated Glass, Add</i>	30.27	
			<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0022			36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 19 00-0001)</small>		
08 52 19 00-0023	EA		20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	255.96	
			<i>For Low-E Insulated Glass, Add</i>	21.72	
			<i>For Aluminum Clad Exterior, Add</i>	23.27	
08 52 19 00-0024	EA		24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	271.40	
			<i>For Low-E Insulated Glass, Add</i>	23.26	
			<i>For Aluminum Clad Exterior, Add</i>	24.93	
08 52 19 00-0025	EA		28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	287.84	
			<i>For Low-E Insulated Glass, Add</i>	24.95	
			<i>For Aluminum Clad Exterior, Add</i>	26.73	
08 52 19 00-0026	EA		30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	295.05	
			<i>For Low-E Insulated Glass, Add</i>	25.65	
			<i>For Aluminum Clad Exterior, Add</i>	27.48	
08 52 19 00-0027	EA		32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	303.28	
			<i>For Low-E Insulated Glass, Add</i>	26.49	
			<i>For Aluminum Clad Exterior, Add</i>	28.38	
08 52 19 00-0028	EA		34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	310.49	
			<i>For Low-E Insulated Glass, Add</i>	27.19	
			<i>For Aluminum Clad Exterior, Add</i>	29.13	
08 52 19 00-0029	EA		36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	318.72	
			<i>For Low-E Insulated Glass, Add</i>	28.03	
			<i>For Aluminum Clad Exterior, Add</i>	30.03	
08 52 19 00-0030	EA		40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	333.16	
			<i>For Low-E Insulated Glass, Add</i>	29.43	
			<i>For Aluminum Clad Exterior, Add</i>	31.53	
08 52 19 00-0031	EA		44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.61	
			<i>For Low-E Insulated Glass, Add</i>	30.97	
			<i>For Aluminum Clad Exterior, Add</i>	33.18	
08 52 19 00-0032			38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 19 00-0001)</small>		
08 52 19 00-0033	EA		20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	265.39	
			<i>For Low-E Insulated Glass, Add</i>	22.42	
			<i>For Aluminum Clad Exterior, Add</i>	24.02	
08 52 19 00-0034	EA		24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	280.83	
			<i>For Low-E Insulated Glass, Add</i>	23.96	
			<i>For Aluminum Clad Exterior, Add</i>	25.68	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 52 19 00-0035	EA	28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	297.27	
		<i>For Low-E Insulated Glass, Add</i>	25.65	
		<i>For Aluminum Clad Exterior, Add</i>	27.48	
08 52 19 00-0036	EA	30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	305.49	
		<i>For Low-E Insulated Glass, Add</i>	26.49	
		<i>For Aluminum Clad Exterior, Add</i>	28.38	
08 52 19 00-0037	EA	32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	312.71	
		<i>For Low-E Insulated Glass, Add</i>	27.19	
		<i>For Aluminum Clad Exterior, Add</i>	29.13	
08 52 19 00-0038	EA	34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	320.93	
		<i>For Low-E Insulated Glass, Add</i>	28.03	
		<i>For Aluminum Clad Exterior, Add</i>	30.03	
08 52 19 00-0039	EA	36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	328.15	
		<i>For Low-E Insulated Glass, Add</i>	28.73	
		<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0040	EA	40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	343.61	
		<i>For Low-E Insulated Glass, Add</i>	30.27	
		<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0041	EA	44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows.....	359.05	
		<i>For Low-E Insulated Glass, Add</i>	31.81	
		<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 19 00-0001)</small>		
08 52 19 00-0043	EA	20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	296.16	
		<i>For Low-E Insulated Glass, Add</i>	25.65	
		<i>For Aluminum Clad Exterior, Add</i>	27.48	
08 52 19 00-0044	EA	24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	311.60	
		<i>For Low-E Insulated Glass, Add</i>	27.19	
		<i>For Aluminum Clad Exterior, Add</i>	29.13	
08 52 19 00-0045	EA	28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	327.04	
		<i>For Low-E Insulated Glass, Add</i>	28.73	
		<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0046	EA	30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	334.26	
		<i>For Low-E Insulated Glass, Add</i>	29.43	
		<i>For Aluminum Clad Exterior, Add</i>	31.53	
08 52 19 00-0047	EA	32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	342.50	
		<i>For Low-E Insulated Glass, Add</i>	30.27	
		<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0048	EA	34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	349.71	
		<i>For Low-E Insulated Glass, Add</i>	30.97	
		<i>For Aluminum Clad Exterior, Add</i>	33.18	
08 52 19 00-0049	EA	36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	357.94	
		<i>For Low-E Insulated Glass, Add</i>	31.81	
		<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0050	EA	40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	373.38	
		<i>For Low-E Insulated Glass, Add</i>	33.35	
		<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0051	EA	44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.82	
		<i>For Low-E Insulated Glass, Add</i>	35.04	
		<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 19 00-0001)</small>		
08 52 19 00-0053	EA	20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	303.28	
		<i>For Low-E Insulated Glass, Add</i>	26.49	
		<i>For Aluminum Clad Exterior, Add</i>	28.38	
08 52 19 00-0054	EA	24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	318.72	
		<i>For Low-E Insulated Glass, Add</i>	28.03	
		<i>For Aluminum Clad Exterior, Add</i>	30.03	
08 52 19 00-0055	EA	28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	333.16	
		<i>For Low-E Insulated Glass, Add</i>	29.43	
		<i>For Aluminum Clad Exterior, Add</i>	31.53	
08 52 19 00-0056	EA	30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	341.38	
		<i>For Low-E Insulated Glass, Add</i>	30.27	
		<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0057	EA	32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.61	
		<i>For Low-E Insulated Glass, Add</i>	30.97	
		<i>For Aluminum Clad Exterior, Add</i>	33.18	
08 52 19 00-0058	EA	34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	356.83	
		<i>For Low-E Insulated Glass, Add</i>	31.81	
		<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0059	EA	36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	364.05	
		<i>For Low-E Insulated Glass, Add</i>	32.51	
		<i>For Aluminum Clad Exterior, Add</i>	34.83	
08 52 19 00-0060	EA	40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	380.49	
		<i>For Low-E Insulated Glass, Add</i>	34.19	
		<i>For Aluminum Clad Exterior, Add</i>	36.64	
08 52 19 00-0061	EA	44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	395.94	
		<i>For Low-E Insulated Glass, Add</i>	35.74	
		<i>For Aluminum Clad Exterior, Add</i>	38.29	
08 52 19 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows				
		<small>(08 52 19 00-0001)</small>		
08 52 19 00-0063	EA	20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	312.71	
		<i>For Low-E Insulated Glass, Add</i>	27.19	
		<i>For Aluminum Clad Exterior, Add</i>	29.13	

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

08 52 19 00-0064	EA		24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	328.15	
			<i>For Low-E Insulated Glass, Add</i>	28.73	
			<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0065	EA		28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	343.61	
			<i>For Low-E Insulated Glass, Add</i>	30.27	
			<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0066	EA		30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	350.82	
			<i>For Low-E Insulated Glass, Add</i>	30.97	
			<i>For Aluminum Clad Exterior, Add</i>	33.18	
08 52 19 00-0067	EA		32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	359.05	
			<i>For Low-E Insulated Glass, Add</i>	31.81	
			<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0068	EA		34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	366.26	
			<i>For Low-E Insulated Glass, Add</i>	32.51	
			<i>For Aluminum Clad Exterior, Add</i>	34.83	
08 52 19 00-0069	EA		36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.49	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0070	EA		40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	390.93	
			<i>For Low-E Insulated Glass, Add</i>	35.04	
			<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0071	EA		44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.37	
			<i>For Low-E Insulated Glass, Add</i>	36.58	
			<i>For Aluminum Clad Exterior, Add</i>	39.19	

08 52 19 00-0072 54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

<i>(08 52 19 00-0001)</i>					
08 52 19 00-0073	EA		20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	328.15	
			<i>For Low-E Insulated Glass, Add</i>	28.73	
			<i>For Aluminum Clad Exterior, Add</i>	30.78	
08 52 19 00-0074	EA		24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	343.61	
			<i>For Low-E Insulated Glass, Add</i>	30.27	
			<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0075	EA		28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	359.05	
			<i>For Low-E Insulated Glass, Add</i>	31.81	
			<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0076	EA		30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	366.26	
			<i>For Low-E Insulated Glass, Add</i>	32.51	
			<i>For Aluminum Clad Exterior, Add</i>	34.83	
08 52 19 00-0077	EA		32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.49	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0078	EA		34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	382.70	
			<i>For Low-E Insulated Glass, Add</i>	34.19	
			<i>For Aluminum Clad Exterior, Add</i>	36.64	
08 52 19 00-0079	EA		36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	390.93	
			<i>For Low-E Insulated Glass, Add</i>	35.04	
			<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0080	EA		40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.37	
			<i>For Low-E Insulated Glass, Add</i>	36.58	
			<i>For Aluminum Clad Exterior, Add</i>	39.19	
08 52 19 00-0081	EA		44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	421.81	
			<i>For Low-E Insulated Glass, Add</i>	38.12	
			<i>For Aluminum Clad Exterior, Add</i>	40.84	

08 52 19 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

<i>(08 52 19 00-0001)</i>					
08 52 19 00-0083	EA		20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	342.50	
			<i>For Low-E Insulated Glass, Add</i>	30.27	
			<i>For Aluminum Clad Exterior, Add</i>	32.43	
08 52 19 00-0084	EA		24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	357.94	
			<i>For Low-E Insulated Glass, Add</i>	31.81	
			<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0085	EA		28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	373.38	
			<i>For Low-E Insulated Glass, Add</i>	33.35	
			<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0086	EA		30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	381.59	
			<i>For Low-E Insulated Glass, Add</i>	34.19	
			<i>For Aluminum Clad Exterior, Add</i>	36.64	
08 52 19 00-0087	EA		32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	389.82	
			<i>For Low-E Insulated Glass, Add</i>	35.04	
			<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0088	EA		34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	397.04	
			<i>For Low-E Insulated Glass, Add</i>	35.74	
			<i>For Aluminum Clad Exterior, Add</i>	38.29	
08 52 19 00-0089	EA		36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	405.26	
			<i>For Low-E Insulated Glass, Add</i>	36.58	
			<i>For Aluminum Clad Exterior, Add</i>	39.19	
08 52 19 00-0090	EA		40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	420.70	
			<i>For Low-E Insulated Glass, Add</i>	38.12	
			<i>For Aluminum Clad Exterior, Add</i>	40.84	
08 52 19 00-0091	EA		44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows.....	435.14	
			<i>For Low-E Insulated Glass, Add</i>	39.52	
			<i>For Aluminum Clad Exterior, Add</i>	42.34	

08 52 19 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 19 00-0093	EA	20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	348.61	
		<i>For Low-E Insulated Glass, Add</i>	30.97	
		<i>For Aluminum Clad Exterior, Add</i>	33.18	
08 52 19 00-0094	EA	24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	364.05	
		<i>For Low-E Insulated Glass, Add</i>	32.51	
		<i>For Aluminum Clad Exterior, Add</i>	34.83	
08 52 19 00-0095	EA	28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	380.49	
		<i>For Low-E Insulated Glass, Add</i>	34.19	
		<i>For Aluminum Clad Exterior, Add</i>	36.64	
08 52 19 00-0096	EA	30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	388.71	
		<i>For Low-E Insulated Glass, Add</i>	35.04	
		<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0097	EA	32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	395.94	
		<i>For Low-E Insulated Glass, Add</i>	35.74	
		<i>For Aluminum Clad Exterior, Add</i>	38.29	
08 52 19 00-0098	EA	34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	404.15	
		<i>For Low-E Insulated Glass, Add</i>	36.58	
		<i>For Aluminum Clad Exterior, Add</i>	39.19	
08 52 19 00-0099	EA	36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	411.38	
		<i>For Low-E Insulated Glass, Add</i>	37.28	
		<i>For Aluminum Clad Exterior, Add</i>	39.94	
08 52 19 00-0100	EA	40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	426.82	
		<i>For Low-E Insulated Glass, Add</i>	38.82	
		<i>For Aluminum Clad Exterior, Add</i>	41.59	
08 52 19 00-0101	EA	44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	442.26	
		<i>For Low-E Insulated Glass, Add</i>	40.36	
		<i>For Aluminum Clad Exterior, Add</i>	43.24	

08 52 19 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0103	EA	20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	359.05	
		<i>For Low-E Insulated Glass, Add</i>	31.81	
		<i>For Aluminum Clad Exterior, Add</i>	34.08	
08 52 19 00-0104	EA	24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.49	
		<i>For Low-E Insulated Glass, Add</i>	33.35	
		<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0105	EA	28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	390.93	
		<i>For Low-E Insulated Glass, Add</i>	35.04	
		<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0106	EA	30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	398.15	
		<i>For Low-E Insulated Glass, Add</i>	35.74	
		<i>For Aluminum Clad Exterior, Add</i>	38.29	
08 52 19 00-0107	EA	32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.37	
		<i>For Low-E Insulated Glass, Add</i>	36.58	
		<i>For Aluminum Clad Exterior, Add</i>	39.19	
08 52 19 00-0108	EA	34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	413.59	
		<i>For Low-E Insulated Glass, Add</i>	37.28	
		<i>For Aluminum Clad Exterior, Add</i>	39.94	
08 52 19 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	421.81	
		<i>For Low-E Insulated Glass, Add</i>	38.12	
		<i>For Aluminum Clad Exterior, Add</i>	40.84	
08 52 19 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	436.25	
		<i>For Low-E Insulated Glass, Add</i>	39.52	
		<i>For Aluminum Clad Exterior, Add</i>	42.34	
08 52 19 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	451.69	
		<i>For Low-E Insulated Glass, Add</i>	41.06	
		<i>For Aluminum Clad Exterior, Add</i>	43.99	

08 52 19 00-0112 66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 19 00-0001)

08 52 19 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	374.49	
		<i>For Low-E Insulated Glass, Add</i>	33.35	
		<i>For Aluminum Clad Exterior, Add</i>	35.74	
08 52 19 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	390.93	
		<i>For Low-E Insulated Glass, Add</i>	35.04	
		<i>For Aluminum Clad Exterior, Add</i>	37.54	
08 52 19 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	406.37	
		<i>For Low-E Insulated Glass, Add</i>	36.58	
		<i>For Aluminum Clad Exterior, Add</i>	39.19	
08 52 19 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	413.59	
		<i>For Low-E Insulated Glass, Add</i>	37.28	
		<i>For Aluminum Clad Exterior, Add</i>	39.94	
08 52 19 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	421.81	
		<i>For Low-E Insulated Glass, Add</i>	38.12	
		<i>For Aluminum Clad Exterior, Add</i>	40.84	
08 52 19 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	429.03	
		<i>For Low-E Insulated Glass, Add</i>	38.82	
		<i>For Aluminum Clad Exterior, Add</i>	41.59	
08 52 19 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	436.25	
		<i>For Low-E Insulated Glass, Add</i>	39.52	
		<i>For Aluminum Clad Exterior, Add</i>	42.34	
08 52 19 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	451.69	
		<i>For Low-E Insulated Glass, Add</i>	41.06	
		<i>For Aluminum Clad Exterior, Add</i>	43.99	
08 52 19 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	467.13	
		<i>For Low-E Insulated Glass, Add</i>	42.60	
		<i>For Aluminum Clad Exterior, Add</i>	45.65	

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

08 52 19 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 19 00-0123	EA		20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	389.82 35.04 37.54	
08 52 19 00-0124	EA		24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	405.26 36.58 39.19	
08 52 19 00-0125	EA		28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	420.70 38.12 40.84	
08 52 19 00-0126	EA		30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	427.92 38.82 41.59	
08 52 19 00-0127	EA		32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	435.14 39.52 42.34	
08 52 19 00-0128	EA		34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	446.33 40.78 43.69	
08 52 19 00-0129	EA		36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	451.63 41.21 44.15	
08 52 19 00-0130	EA		40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	466.02 42.60 45.65	
08 52 19 00-0131	EA		44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	482.47 44.28 47.45	

08 52 19 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 19 00-0133	EA		20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	406.37 36.58 39.19	
08 52 19 00-0134	EA		24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	421.81 38.12 40.84	
08 52 19 00-0135	EA		28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	436.25 39.52 42.34	
08 52 19 00-0136	EA		30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	444.47 40.36 43.24	
08 52 19 00-0137	EA		32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	451.69 41.06 43.99	
08 52 19 00-0138	EA		34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	459.91 41.90 44.90	
08 52 19 00-0139	EA		36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	467.13 42.60 45.65	
08 52 19 00-0140	EA		40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	483.58 44.28 47.45	
08 52 19 00-0141	EA		44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	499.02 45.83 49.10	

08 52 19 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

08 52 19 00-0143	EA		20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	426.24 38.12 40.84	
08 52 19 00-0144	EA		24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	440.68 39.52 42.34	
08 52 19 00-0145	EA		28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	456.12 41.06 43.99	
08 52 19 00-0146	EA		30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	464.34 41.90 44.90	
08 52 19 00-0147	EA		32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	471.56 42.60 45.65	
08 52 19 00-0148	EA		34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	479.78 43.44 46.55	
08 52 19 00-0149	EA		36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	488.01 44.28 47.45	
08 52 19 00-0150	EA		40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	503.45 45.83 49.10	

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 19 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	518.89	
		<i>For Low-E Insulated Glass, Add</i>	47.37	
		<i>For Aluminum Clad Exterior, Add</i>	50.75	
08 52 19 00-0152		Commercial And Institutional Heavy Double Hung Windows <small>(08 52 19)</small>		
		Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 19 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite	62.96	9.89
		<i>For Insulating Glass, Add</i>	3.67	
08 52 19 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite	60.64	10.99
		<i>For Insulating Glass, Add</i>	3.29	
08 52 19 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite	58.75	12.34
		<i>For Insulating Glass, Add</i>	2.89	
08 52 19 00-0156		Architectural And Historic Reproduction Wood Windows <small>(08 52 19)</small>		
		Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 19 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window	67.51	9.88
		<i>For Insulating Glass, Add</i>	4.06	
08 52 19 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window	63.10	10.99
		<i>For Insulating Glass, Add</i>	3.50	
08 52 19 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window	60.19	12.34
		<i>For Insulating Glass, Add</i>	3.01	
08 52 19 00-0160		Removal And Reinstallation Of Wood Window And Frame <small>(08 52 19)</small>		
		Note: Includes storage, cleaning and supply materials.		
08 52 19 00-0161	SF	Remove And Reinstall Wood Windows And Frames	24.36	
08 52 19 00-0162		Window Casing <small>(08 52 19)</small>		
08 52 19 00-0163		Window Casing Covers <small>(08 52 19 00-0162)</small>		
08 52 19 00-0164	EA	Up To 40" x 96" Window Casing Cover	269.18	55.38
08 52 66		Wood Window Screens <small>(08 52)</small>		
08 52 66 00-0001		Insect Screens For Wood Clad Windows <small>(08 52 66)</small>		
08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows	29.15	7.01
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows	33.47	7.01
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows	35.64	7.01
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows	39.96	7.01
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows	48.60	7.01
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows	52.93	7.01
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows	57.25	7.01
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows	61.57	7.01
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows	1.83	0.14
08 53		Plastic Windows <small>(08 50)</small>		
08 53 13		Vinyl Windows <small>(08 53)</small>		
08 53 13 00-0001		Single Hung Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0002		New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0001)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003		34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	160.78	36.39
		<i>For Colored Vinyl, Add</i>	8.80	
		<i>For Tinted Glass, Add</i>	10.56	
		<i>For Low-E Insulated Glass, Add</i>	22.00	
		<i>For Obscure Glass, Add</i>	24.20	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	168.84	37.98
		<i>For Colored Vinyl, Add</i>	9.29	
		<i>For Tinted Glass, Add</i>	11.15	
		<i>For Low-E Insulated Glass, Add</i>	23.22	
		<i>For Obscure Glass, Add</i>	25.54	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	172.32	38.77
		<i>For Colored Vinyl, Add</i>	9.48	
		<i>For Tinted Glass, Add</i>	11.37	
		<i>For Low-E Insulated Glass, Add</i>	23.70	
		<i>For Obscure Glass, Add</i>	26.06	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	176.05	39.56
		<i>For Colored Vinyl, Add</i>	9.69	
		<i>For Tinted Glass, Add</i>	11.63	
		<i>For Low-E Insulated Glass, Add</i>	24.23	
		<i>For Obscure Glass, Add</i>	26.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0008	EA		36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	185.20	41.15
			For Colored Vinyl, Add	10.29	
			For Tinted Glass, Add	12.35	
			For Low-E Insulated Glass, Add	25.73	
			For Obscure Glass, Add	28.30	
08 53 13 00-0009	EA		44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200)	200.60	44.31
			For Colored Vinyl, Add	11.20	
			For Tinted Glass, Add	13.44	
			For Low-E Insulated Glass, Add	28.00	
			For Obscure Glass, Add	30.79	
08 53 13 00-0010			36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0011	EA		24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	164.08	37.19
			For Colored Vinyl, Add	8.97	
			For Tinted Glass, Add	10.77	
			For Low-E Insulated Glass, Add	22.43	
			For Obscure Glass, Add	24.67	
08 53 13 00-0012	EA		28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	172.16	37.98
			For Colored Vinyl, Add	9.46	
			For Tinted Glass, Add	11.35	
			For Low-E Insulated Glass, Add	23.66	
			For Obscure Glass, Add	26.02	
08 53 13 00-0013	EA		30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	175.63	39.56
			For Colored Vinyl, Add	9.65	
			For Tinted Glass, Add	11.58	
			For Low-E Insulated Glass, Add	24.13	
			For Obscure Glass, Add	26.54	
08 53 13 00-0014	EA		32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	179.35	40.35
			For Colored Vinyl, Add	9.87	
			For Tinted Glass, Add	11.84	
			For Low-E Insulated Glass, Add	24.66	
			For Obscure Glass, Add	27.13	
08 53 13 00-0015	EA		36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	188.51	41.93
			For Colored Vinyl, Add	10.47	
			For Tinted Glass, Add	12.56	
			For Low-E Insulated Glass, Add	26.16	
			For Obscure Glass, Add	28.78	
08 53 13 00-0016	EA		44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	203.91	45.09
			For Colored Vinyl, Add	11.37	
			For Tinted Glass, Add	13.65	
			For Low-E Insulated Glass, Add	28.43	
			For Obscure Glass, Add	31.27	
08 53 13 00-0017			38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0018	EA		24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	167.31	37.98
			For Colored Vinyl, Add	9.14	
			For Tinted Glass, Add	10.96	
			For Low-E Insulated Glass, Add	22.84	
			For Obscure Glass, Add	25.12	
08 53 13 00-0019	EA		28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	175.38	39.56
			For Colored Vinyl, Add	9.63	
			For Tinted Glass, Add	11.55	
			For Low-E Insulated Glass, Add	24.07	
			For Obscure Glass, Add	26.47	
08 53 13 00-0020	EA		30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	178.97	40.35
			For Colored Vinyl, Add	9.83	
			For Tinted Glass, Add	11.79	
			For Low-E Insulated Glass, Add	24.57	
			For Obscure Glass, Add	27.02	
08 53 13 00-0021	EA		32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	182.69	41.15
			For Colored Vinyl, Add	10.04	
			For Tinted Glass, Add	12.05	
			For Low-E Insulated Glass, Add	25.10	
			For Obscure Glass, Add	27.61	
08 53 13 00-0022	EA		36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.97	42.73
			For Colored Vinyl, Add	10.65	
			For Tinted Glass, Add	12.78	
			For Low-E Insulated Glass, Add	26.63	
			For Obscure Glass, Add	29.30	
08 53 13 00-0023	EA		44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	207.54	45.89
			For Colored Vinyl, Add	11.58	
			For Tinted Glass, Add	13.89	
			For Low-E Insulated Glass, Add	28.94	
			For Obscure Glass, Add	31.83	
08 53 13 00-0024			44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0025	EA		24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	177.14	40.35
			For Colored Vinyl, Add	9.64	
			For Tinted Glass, Add	11.57	
			For Low-E Insulated Glass, Add	24.11	
			For Obscure Glass, Add	26.52	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0026	EA	28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	185.21	41.93
		<i>For Colored Vinyl, Add</i>	10.14	
		<i>For Tinted Glass, Add</i>	12.16	
		<i>For Low-E Insulated Glass, Add</i>	25.34	
		<i>For Obscure Glass, Add</i>	27.87	
08 53 13 00-0027	EA	30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	189.15	42.73
		<i>For Colored Vinyl, Add</i>	10.37	
		<i>For Tinted Glass, Add</i>	12.45	
		<i>For Low-E Insulated Glass, Add</i>	25.93	
		<i>For Obscure Glass, Add</i>	28.52	
08 53 13 00-0028	EA	32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.89	43.51
		<i>For Colored Vinyl, Add</i>	10.59	
		<i>For Tinted Glass, Add</i>	12.70	
		<i>For Low-E Insulated Glass, Add</i>	26.46	
		<i>For Obscure Glass, Add</i>	29.11	
08 53 13 00-0029	EA	36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.53	45.09
		<i>For Colored Vinyl, Add</i>	11.23	
		<i>For Tinted Glass, Add</i>	13.48	
		<i>For Low-E Insulated Glass, Add</i>	28.08	
		<i>For Obscure Glass, Add</i>	30.89	
08 53 13 00-0030	EA	44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	218.54	48.26
		<i>For Colored Vinyl, Add</i>	12.20	
		<i>For Tinted Glass, Add</i>	14.64	
		<i>For Low-E Insulated Glass, Add</i>	30.50	
		<i>For Obscure Glass, Add</i>	33.55	
08 53 13 00-0031 46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>				
08 53 13 00-0032	EA	24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	180.45	41.15
		<i>For Colored Vinyl, Add</i>	9.82	
		<i>For Tinted Glass, Add</i>	11.78	
		<i>For Low-E Insulated Glass, Add</i>	24.54	
		<i>For Obscure Glass, Add</i>	27.00	
08 53 13 00-0033	EA	28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	188.51	42.73
		<i>For Colored Vinyl, Add</i>	10.31	
		<i>For Tinted Glass, Add</i>	12.37	
		<i>For Low-E Insulated Glass, Add</i>	25.77	
		<i>For Obscure Glass, Add</i>	28.34	
08 53 13 00-0034	EA	30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	192.59	43.51
		<i>For Colored Vinyl, Add</i>	10.56	
		<i>For Tinted Glass, Add</i>	12.67	
		<i>For Low-E Insulated Glass, Add</i>	26.39	
		<i>For Obscure Glass, Add</i>	29.03	
08 53 13 00-0035	EA	32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	196.31	44.31
		<i>For Colored Vinyl, Add</i>	10.77	
		<i>For Tinted Glass, Add</i>	12.92	
		<i>For Low-E Insulated Glass, Add</i>	26.92	
		<i>For Obscure Glass, Add</i>	29.61	
08 53 13 00-0036	EA	36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.06	45.89
		<i>For Colored Vinyl, Add</i>	11.43	
		<i>For Tinted Glass, Add</i>	13.71	
		<i>For Low-E Insulated Glass, Add</i>	28.57	
		<i>For Obscure Glass, Add</i>	31.43	
08 53 13 00-0037	EA	44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	222.24	49.05
		<i>For Colored Vinyl, Add</i>	12.41	
		<i>For Tinted Glass, Add</i>	14.90	
		<i>For Low-E Insulated Glass, Add</i>	31.03	
		<i>For Obscure Glass, Add</i>	34.14	
08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>				
08 53 13 00-0039	EA	24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	183.78	41.93
		<i>For Colored Vinyl, Add</i>	9.99	
		<i>For Tinted Glass, Add</i>	11.99	
		<i>For Low-E Insulated Glass, Add</i>	24.98	
		<i>For Obscure Glass, Add</i>	27.48	
08 53 13 00-0040	EA	28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	191.87	43.51
		<i>For Colored Vinyl, Add</i>	10.48	
		<i>For Tinted Glass, Add</i>	12.58	
		<i>For Low-E Insulated Glass, Add</i>	26.21	
		<i>For Obscure Glass, Add</i>	28.83	
08 53 13 00-0041	EA	30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	196.03	44.31
		<i>For Colored Vinyl, Add</i>	10.74	
		<i>For Tinted Glass, Add</i>	12.89	
		<i>For Low-E Insulated Glass, Add</i>	26.85	
		<i>For Obscure Glass, Add</i>	29.54	
08 53 13 00-0042	EA	32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	199.75	45.09
		<i>For Colored Vinyl, Add</i>	10.96	
		<i>For Tinted Glass, Add</i>	13.15	
		<i>For Low-E Insulated Glass, Add</i>	27.39	
		<i>For Obscure Glass, Add</i>	30.13	
08 53 13 00-0043	EA	36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	209.63	46.68
		<i>For Colored Vinyl, Add</i>	11.63	
		<i>For Tinted Glass, Add</i>	13.95	
		<i>For Low-E Insulated Glass, Add</i>	29.07	
		<i>For Obscure Glass, Add</i>	31.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0044	EA		44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	225.96	49.85
			For Colored Vinyl, Add	12.63	
			For Tinted Glass, Add	15.15	
			For Low-E Insulated Glass, Add	31.57	
			For Obscure Glass, Add	34.72	
08 53 13 00-0045			50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046	EA		24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	187.01	42.73
			For Colored Vinyl, Add	10.16	
			For Tinted Glass, Add	12.19	
			For Low-E Insulated Glass, Add	25.39	
			For Obscure Glass, Add	27.93	
08 53 13 00-0047	EA		28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	195.09	44.31
			For Colored Vinyl, Add	10.65	
			For Tinted Glass, Add	12.78	
			For Low-E Insulated Glass, Add	26.62	
			For Obscure Glass, Add	29.28	
08 53 13 00-0048	EA		30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	199.38	45.09
			For Colored Vinyl, Add	10.92	
			For Tinted Glass, Add	13.10	
			For Low-E Insulated Glass, Add	27.30	
			For Obscure Glass, Add	30.02	
08 53 13 00-0049	EA		32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	203.10	45.89
			For Colored Vinyl, Add	11.13	
			For Tinted Glass, Add	13.36	
			For Low-E Insulated Glass, Add	27.83	
			For Obscure Glass, Add	30.61	
08 53 13 00-0050	EA		36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	213.08	47.47
			For Colored Vinyl, Add	11.81	
			For Tinted Glass, Add	14.18	
			For Low-E Insulated Glass, Add	29.54	
			For Obscure Glass, Add	32.49	
08 53 13 00-0051	EA		44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	229.57	50.64
			For Colored Vinyl, Add	12.83	
			For Tinted Glass, Add	15.40	
			For Low-E Insulated Glass, Add	32.08	
			For Obscure Glass, Add	35.28	
08 53 13 00-0052			52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0053	EA		24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	190.26	43.51
			For Colored Vinyl, Add	10.32	
			For Tinted Glass, Add	12.39	
			For Low-E Insulated Glass, Add	25.81	
			For Obscure Glass, Add	28.39	
08 53 13 00-0054	EA		28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	198.33	45.09
			For Colored Vinyl, Add	10.81	
			For Tinted Glass, Add	12.98	
			For Low-E Insulated Glass, Add	27.03	
			For Obscure Glass, Add	29.74	
08 53 13 00-0055	EA		30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	202.74	45.89
			For Colored Vinyl, Add	11.10	
			For Tinted Glass, Add	13.32	
			For Low-E Insulated Glass, Add	27.74	
			For Obscure Glass, Add	30.51	
08 53 13 00-0056	EA		32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.46	46.68
			For Colored Vinyl, Add	11.31	
			For Tinted Glass, Add	13.57	
			For Low-E Insulated Glass, Add	28.28	
			For Obscure Glass, Add	31.10	
08 53 13 00-0057	EA		36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	216.58	48.26
			For Colored Vinyl, Add	12.01	
			For Tinted Glass, Add	14.41	
			For Low-E Insulated Glass, Add	30.01	
			For Obscure Glass, Add	33.01	
08 53 13 00-0058	EA		44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	233.21	51.43
			For Colored Vinyl, Add	13.04	
			For Tinted Glass, Add	15.64	
			For Low-E Insulated Glass, Add	32.59	
			For Obscure Glass, Add	35.85	
08 53 13 00-0059			54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0060	EA		24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	193.50	44.31
			For Colored Vinyl, Add	10.49	
			For Tinted Glass, Add	12.59	
			For Low-E Insulated Glass, Add	26.22	
			For Obscure Glass, Add	28.84	
08 53 13 00-0061	EA		28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	201.57	45.89
			For Colored Vinyl, Add	10.98	
			For Tinted Glass, Add	13.17	
			For Low-E Insulated Glass, Add	27.45	
			For Obscure Glass, Add	30.19	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.09	46.68
		For Colored Vinyl, Add	11.27	
		For Tinted Glass, Add	13.53	
		For Low-E Insulated Glass, Add	28.18	
		For Obscure Glass, Add	31.00	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	209.81	47.47
		For Colored Vinyl, Add	11.49	
		For Tinted Glass, Add	13.78	
		For Low-E Insulated Glass, Add	28.72	
		For Obscure Glass, Add	31.59	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	220.04	49.05
		For Colored Vinyl, Add	12.19	
		For Tinted Glass, Add	14.63	
		For Low-E Insulated Glass, Add	30.48	
		For Obscure Glass, Add	33.53	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	236.83	52.22
		For Colored Vinyl, Add	13.24	
		For Tinted Glass, Add	15.89	
		For Low-E Insulated Glass, Add	33.10	
		For Obscure Glass, Add	36.41	
08 53 13 00-0066		60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067	EA	24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	203.42	46.68
		For Colored Vinyl, Add	11.01	
		For Tinted Glass, Add	13.21	
		For Low-E Insulated Glass, Add	27.52	
		For Obscure Glass, Add	30.27	
08 53 13 00-0068	EA	28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	211.50	48.26
		For Colored Vinyl, Add	11.50	
		For Tinted Glass, Add	13.80	
		For Low-E Insulated Glass, Add	28.74	
		For Obscure Glass, Add	31.62	
08 53 13 00-0069	EA	30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	216.35	49.05
		For Colored Vinyl, Add	11.82	
		For Tinted Glass, Add	14.19	
		For Low-E Insulated Glass, Add	29.56	
		For Obscure Glass, Add	32.52	
08 53 13 00-0070	EA	32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	220.07	49.85
		For Colored Vinyl, Add	12.04	
		For Tinted Glass, Add	14.45	
		For Low-E Insulated Glass, Add	30.10	
		For Obscure Glass, Add	33.10	
08 53 13 00-0071	EA	36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	230.65	51.43
		For Colored Vinyl, Add	12.78	
		For Tinted Glass, Add	15.34	
		For Low-E Insulated Glass, Add	31.95	
		For Obscure Glass, Add	35.15	
08 53 13 00-0072	EA	44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	247.91	54.60
		For Colored Vinyl, Add	13.87	
		For Tinted Glass, Add	16.65	
		For Low-E Insulated Glass, Add	34.68	
		For Obscure Glass, Add	38.15	
08 53 13 00-0073		62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074	EA	24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	206.66	47.47
		For Colored Vinyl, Add	11.17	
		For Tinted Glass, Add	13.41	
		For Low-E Insulated Glass, Add	27.93	
		For Obscure Glass, Add	30.72	
08 53 13 00-0075	EA	28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	214.74	49.05
		For Colored Vinyl, Add	11.66	
		For Tinted Glass, Add	14.00	
		For Low-E Insulated Glass, Add	29.16	
		For Obscure Glass, Add	32.07	
08 53 13 00-0076	EA	30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	219.73	49.85
		For Colored Vinyl, Add	12.00	
		For Tinted Glass, Add	14.40	
		For Low-E Insulated Glass, Add	30.01	
		For Obscure Glass, Add	33.01	
08 53 13 00-0077	EA	32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	223.45	50.64
		For Colored Vinyl, Add	12.22	
		For Tinted Glass, Add	14.66	
		For Low-E Insulated Glass, Add	30.55	
		For Obscure Glass, Add	33.60	
08 53 13 00-0078	EA	36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	234.15	52.22
		For Colored Vinyl, Add	12.97	
		For Tinted Glass, Add	15.57	
		For Low-E Insulated Glass, Add	32.43	
		For Obscure Glass, Add	35.67	
08 53 13 00-0079	EA	44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	251.57	55.38
		For Colored Vinyl, Add	14.08	
		For Tinted Glass, Add	16.90	
		For Low-E Insulated Glass, Add	35.20	
		For Obscure Glass, Add	38.72	

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

08 53 13 00-0080			66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081	EA		24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	213.23	49.05
			For Colored Vinyl, Add	11.51	
			For Tinted Glass, Add	13.81	
			For Low-E Insulated Glass, Add	28.78	
			For Obscure Glass, Add	31.66	
08 53 13 00-0082	EA		28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	221.29	50.64
			For Colored Vinyl, Add	12.00	
			For Tinted Glass, Add	14.40	
			For Low-E Insulated Glass, Add	30.01	
			For Obscure Glass, Add	33.01	
08 53 13 00-0083	EA		30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	226.51	51.43
			For Colored Vinyl, Add	12.37	
			For Tinted Glass, Add	14.84	
			For Low-E Insulated Glass, Add	30.92	
			For Obscure Glass, Add	34.01	
08 53 13 00-0084	EA		32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	230.24	52.22
			For Colored Vinyl, Add	12.58	
			For Tinted Glass, Add	15.10	
			For Low-E Insulated Glass, Add	31.45	
			For Obscure Glass, Add	34.60	
08 53 13 00-0085	EA		36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	241.18	53.80
			For Colored Vinyl, Add	13.36	
			For Tinted Glass, Add	16.03	
			For Low-E Insulated Glass, Add	33.40	
			For Obscure Glass, Add	36.73	
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	258.90	56.96
			For Colored Vinyl, Add	14.50	
			For Tinted Glass, Add	17.40	
			For Low-E Insulated Glass, Add	36.24	
			For Obscure Glass, Add	39.86	
08 53 13 00-0087			72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	223.15	51.43
			For Colored Vinyl, Add	12.03	
			For Tinted Glass, Add	14.44	
			For Low-E Insulated Glass, Add	30.08	
			For Obscure Glass, Add	33.08	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	231.22	53.01
			For Colored Vinyl, Add	12.52	
			For Tinted Glass, Add	15.02	
			For Low-E Insulated Glass, Add	31.30	
			For Obscure Glass, Add	34.43	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	236.44	53.80
			For Colored Vinyl, Add	12.88	
			For Tinted Glass, Add	15.46	
			For Low-E Insulated Glass, Add	32.21	
			For Obscure Glass, Add	35.43	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	240.16	54.60
			For Colored Vinyl, Add	13.10	
			For Tinted Glass, Add	15.72	
			For Low-E Insulated Glass, Add	32.75	
			For Obscure Glass, Add	36.02	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	251.11	56.18
			For Colored Vinyl, Add	13.88	
			For Tinted Glass, Add	16.65	
			For Low-E Insulated Glass, Add	34.69	
			For Obscure Glass, Add	38.16	
08 53 13 00-0093	EA		44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	268.82	59.34
			For Colored Vinyl, Add	15.01	
			For Tinted Glass, Add	18.02	
			For Low-E Insulated Glass, Add	37.54	
			For Obscure Glass, Add	41.29	
08 53 13 00-0094			Replacement, Single Hung Vinyl Windows (Silver Line 2000) <small>(08 53 13 00-0001)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA		Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	224.27	41.54
			For Colored Vinyl, Add	14.12	
			For Tinted Glass, Add	16.94	
			For Low-E Insulated Glass, Add	35.30	
			For Obscure Glass, Add	38.83	
08 53 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	245.79	45.50
			For Colored Vinyl, Add	15.48	
			For Tinted Glass, Add	18.58	
			For Low-E Insulated Glass, Add	38.70	
			For Obscure Glass, Add	42.57	
08 53 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	265.92	49.45
			For Colored Vinyl, Add	16.70	
			For Tinted Glass, Add	20.04	
			For Low-E Insulated Glass, Add	41.76	
			For Obscure Glass, Add	45.93	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0098	EA >93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	281.22	53.41
	For Colored Vinyl, Add	17.44	
	For Tinted Glass, Add	20.93	
	For Low-E Insulated Glass, Add	43.60	
	For Obscure Glass, Add	47.96	
08 53 13 00-0099	EA >101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	297.08	57.37
	For Colored Vinyl, Add	18.24	
	For Tinted Glass, Add	21.88	
	For Low-E Insulated Glass, Add	45.59	
	For Obscure Glass, Add	50.15	
08 53 13 00-0100	EA >110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	321.57	61.32
	For Colored Vinyl, Add	19.89	
	For Tinted Glass, Add	23.87	
	For Low-E Insulated Glass, Add	49.73	
	For Obscure Glass, Add	54.71	
08 53 13 00-0101	UI >120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	2.69	0.51
	For Colored Vinyl, Add	0.17	
	For Tinted Glass, Add	0.20	
	For Low-E Insulated Glass, Add	0.42	
	For Obscure Glass, Add	0.46	
08 53 13 00-0102	Double Hung Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0103	New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0102)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104	34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0105	EA 24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	213.92	36.39
	For Colored Vinyl, Add	14.11	
	For Tinted Glass, Add	16.94	
	For Low-E Insulated Glass, Add	35.28	
	For Obscure Glass, Add	38.81	
08 53 13 00-0106	EA 28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	221.99	37.98
	For Colored Vinyl, Add	14.60	
	For Tinted Glass, Add	17.52	
	For Low-E Insulated Glass, Add	36.51	
	For Obscure Glass, Add	40.16	
08 53 13 00-0107	EA 30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	225.93	38.77
	For Colored Vinyl, Add	14.84	
	For Tinted Glass, Add	17.81	
	For Low-E Insulated Glass, Add	37.10	
	For Obscure Glass, Add	40.81	
08 53 13 00-0108	EA 32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	229.65	39.56
	For Colored Vinyl, Add	15.05	
	For Tinted Glass, Add	18.06	
	For Low-E Insulated Glass, Add	37.63	
	For Obscure Glass, Add	41.40	
08 53 13 00-0109	EA 36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	238.35	41.15
	For Colored Vinyl, Add	15.61	
	For Tinted Glass, Add	18.73	
	For Low-E Insulated Glass, Add	39.02	
	For Obscure Glass, Add	42.92	
08 53 13 00-0110	EA 44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	253.16	44.31
	For Colored Vinyl, Add	16.45	
	For Tinted Glass, Add	19.74	
	For Low-E Insulated Glass, Add	41.14	
	For Obscure Glass, Add	45.25	
08 53 13 00-0111	36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0112	EA 24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	217.23	37.19
	For Colored Vinyl, Add	14.29	
	For Tinted Glass, Add	17.14	
	For Low-E Insulated Glass, Add	35.72	
	For Obscure Glass, Add	39.29	
08 53 13 00-0113	EA 28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	225.30	38.77
	For Colored Vinyl, Add	14.78	
	For Tinted Glass, Add	17.73	
	For Low-E Insulated Glass, Add	36.94	
	For Obscure Glass, Add	40.63	
08 53 13 00-0114	EA 30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	229.23	39.56
	For Colored Vinyl, Add	15.01	
	For Tinted Glass, Add	18.01	
	For Low-E Insulated Glass, Add	37.53	
	For Obscure Glass, Add	41.28	
08 53 13 00-0115	EA 32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	232.95	40.35
	For Colored Vinyl, Add	15.23	
	For Tinted Glass, Add	18.27	
	For Low-E Insulated Glass, Add	38.06	
	For Obscure Glass, Add	41.87	
08 53 13 00-0116	EA 36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.65	41.93
	For Colored Vinyl, Add	15.78	
	For Tinted Glass, Add	18.93	
	For Low-E Insulated Glass, Add	39.45	
	For Obscure Glass, Add	43.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	256.46	45.09
			For Colored Vinyl, Add	16.63	
			For Tinted Glass, Add	19.95	
			For Low-E Insulated Glass, Add	41.57	
			For Obscure Glass, Add	45.72	
08 53 13 00-0118			38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	220.29	37.98
			For Colored Vinyl, Add	14.43	
			For Tinted Glass, Add	17.32	
			For Low-E Insulated Glass, Add	36.09	
			For Obscure Glass, Add	39.69	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	228.36	39.56
			For Colored Vinyl, Add	14.92	
			For Tinted Glass, Add	17.91	
			For Low-E Insulated Glass, Add	37.31	
			For Obscure Glass, Add	41.04	
08 53 13 00-0121	EA		30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	232.39	40.35
			For Colored Vinyl, Add	15.17	
			For Tinted Glass, Add	18.20	
			For Low-E Insulated Glass, Add	37.92	
			For Obscure Glass, Add	41.71	
08 53 13 00-0122	EA		32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	236.11	41.15
			For Colored Vinyl, Add	15.38	
			For Tinted Glass, Add	18.46	
			For Low-E Insulated Glass, Add	38.46	
			For Obscure Glass, Add	42.30	
08 53 13 00-0123	EA		36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	244.95	42.73
			For Colored Vinyl, Add	15.95	
			For Tinted Glass, Add	19.14	
			For Low-E Insulated Glass, Add	39.88	
			For Obscure Glass, Add	43.87	
08 53 13 00-0124	EA		44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	259.89	45.89
			For Colored Vinyl, Add	16.81	
			For Tinted Glass, Add	20.17	
			For Low-E Insulated Glass, Add	42.03	
			For Obscure Glass, Add	46.23	
08 53 13 00-0125			44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0126	EA		24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	230.41	40.35
			For Colored Vinyl, Add	14.97	
			For Tinted Glass, Add	17.97	
			For Low-E Insulated Glass, Add	37.43	
			For Obscure Glass, Add	41.17	
08 53 13 00-0127	EA		28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	238.48	41.93
			For Colored Vinyl, Add	15.46	
			For Tinted Glass, Add	18.55	
			For Low-E Insulated Glass, Add	38.66	
			For Obscure Glass, Add	42.52	
08 53 13 00-0128	EA		30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.94	42.73
			For Colored Vinyl, Add	15.65	
			For Tinted Glass, Add	18.78	
			For Low-E Insulated Glass, Add	39.13	
			For Obscure Glass, Add	43.04	
08 53 13 00-0129	EA		32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	245.68	43.51
			For Colored Vinyl, Add	15.86	
			For Tinted Glass, Add	19.04	
			For Low-E Insulated Glass, Add	39.66	
			For Obscure Glass, Add	43.63	
08 53 13 00-0130	EA		36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	254.82	45.09
			For Colored Vinyl, Add	16.46	
			For Tinted Glass, Add	19.75	
			For Low-E Insulated Glass, Add	41.16	
			For Obscure Glass, Add	45.27	
08 53 13 00-0131	EA		44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	270.45	48.26
			For Colored Vinyl, Add	17.39	
			For Tinted Glass, Add	20.87	
			For Low-E Insulated Glass, Add	43.48	
			For Obscure Glass, Add	47.83	
08 53 13 00-0132			46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0133	EA		24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	233.46	41.15
			For Colored Vinyl, Add	15.12	
			For Tinted Glass, Add	18.14	
			For Low-E Insulated Glass, Add	37.80	
			For Obscure Glass, Add	41.57	
08 53 13 00-0134	EA		28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	241.52	42.73
			For Colored Vinyl, Add	15.61	
			For Tinted Glass, Add	18.73	
			For Low-E Insulated Glass, Add	39.02	
			For Obscure Glass, Add	42.92	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	245.15	43.51
		<i>For Colored Vinyl, Add</i>	15.81	
		<i>For Tinted Glass, Add</i>	18.97	
		<i>For Low-E Insulated Glass, Add</i>	39.53	
		<i>For Obscure Glass, Add</i>	43.48	
08 53 13 00-0136	EA	32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	248.87	44.31
		<i>For Colored Vinyl, Add</i>	16.03	
		<i>For Tinted Glass, Add</i>	19.23	
		<i>For Low-E Insulated Glass, Add</i>	40.06	
		<i>For Obscure Glass, Add</i>	44.07	
08 53 13 00-0137	EA	36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	258.11	45.89
		<i>For Colored Vinyl, Add</i>	16.63	
		<i>For Tinted Glass, Add</i>	19.96	
		<i>For Low-E Insulated Glass, Add</i>	41.58	
		<i>For Obscure Glass, Add</i>	45.74	
08 53 13 00-0138	EA	44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.15	49.05
		<i>For Colored Vinyl, Add</i>	17.60	
		<i>For Tinted Glass, Add</i>	21.12	
		<i>For Low-E Insulated Glass, Add</i>	44.01	
		<i>For Obscure Glass, Add</i>	48.41	
08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)				
08 53 13 00-0140	EA	24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	236.53	41.93
		<i>For Colored Vinyl, Add</i>	15.27	
		<i>For Tinted Glass, Add</i>	18.32	
		<i>For Low-E Insulated Glass, Add</i>	38.17	
		<i>For Obscure Glass, Add</i>	41.98	
08 53 13 00-0141	EA	28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	244.61	43.51
		<i>For Colored Vinyl, Add</i>	15.76	
		<i>For Tinted Glass, Add</i>	18.91	
		<i>For Low-E Insulated Glass, Add</i>	39.39	
		<i>For Obscure Glass, Add</i>	43.33	
08 53 13 00-0142	EA	30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	248.31	44.31
		<i>For Colored Vinyl, Add</i>	15.97	
		<i>For Tinted Glass, Add</i>	19.16	
		<i>For Low-E Insulated Glass, Add</i>	39.92	
		<i>For Obscure Glass, Add</i>	43.91	
08 53 13 00-0143	EA	32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	252.03	45.09
		<i>For Colored Vinyl, Add</i>	16.18	
		<i>For Tinted Glass, Add</i>	19.42	
		<i>For Low-E Insulated Glass, Add</i>	40.46	
		<i>For Obscure Glass, Add</i>	44.50	
08 53 13 00-0144	EA	36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	261.40	46.68
		<i>For Colored Vinyl, Add</i>	16.80	
		<i>For Tinted Glass, Add</i>	20.16	
		<i>For Low-E Insulated Glass, Add</i>	42.01	
		<i>For Obscure Glass, Add</i>	46.21	
08 53 13 00-0145	EA	44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900)	277.81	49.85
		<i>For Colored Vinyl, Add</i>	17.81	
		<i>For Tinted Glass, Add</i>	21.37	
		<i>For Low-E Insulated Glass, Add</i>	44.53	
		<i>For Obscure Glass, Add</i>	48.98	
08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)				
08 53 13 00-0147	EA	24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	239.57	42.73
		<i>For Colored Vinyl, Add</i>	15.41	
		<i>For Tinted Glass, Add</i>	18.50	
		<i>For Low-E Insulated Glass, Add</i>	38.53	
		<i>For Obscure Glass, Add</i>	42.39	
08 53 13 00-0148	EA	28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	247.66	44.31
		<i>For Colored Vinyl, Add</i>	15.90	
		<i>For Tinted Glass, Add</i>	19.08	
		<i>For Low-E Insulated Glass, Add</i>	39.76	
		<i>For Obscure Glass, Add</i>	43.74	
08 53 13 00-0149	EA	30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	251.49	45.09
		<i>For Colored Vinyl, Add</i>	16.13	
		<i>For Tinted Glass, Add</i>	19.35	
		<i>For Low-E Insulated Glass, Add</i>	40.32	
		<i>For Obscure Glass, Add</i>	44.35	
08 53 13 00-0150	EA	32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	255.21	45.89
		<i>For Colored Vinyl, Add</i>	16.34	
		<i>For Tinted Glass, Add</i>	19.61	
		<i>For Low-E Insulated Glass, Add</i>	40.86	
		<i>For Obscure Glass, Add</i>	44.94	
08 53 13 00-0151	EA	36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	264.70	47.47
		<i>For Colored Vinyl, Add</i>	16.98	
		<i>For Tinted Glass, Add</i>	20.37	
		<i>For Low-E Insulated Glass, Add</i>	42.44	
		<i>For Obscure Glass, Add</i>	46.68	
08 53 13 00-0152	EA	44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900)	281.50	50.64
		<i>For Colored Vinyl, Add</i>	18.02	
		<i>For Tinted Glass, Add</i>	21.63	
		<i>For Low-E Insulated Glass, Add</i>	45.06	
		<i>For Obscure Glass, Add</i>	49.56	

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

08 53 13 00-0153			52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0154	EA		24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	242.65	43.51
			For Colored Vinyl, Add	15.56	
			For Tinted Glass, Add	18.67	
			For Low-E Insulated Glass, Add	38.90	
			For Obscure Glass, Add	42.79	
08 53 13 00-0155	EA		28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	250.72	45.09
			For Colored Vinyl, Add	16.05	
			For Tinted Glass, Add	19.26	
			For Low-E Insulated Glass, Add	40.13	
			For Obscure Glass, Add	44.14	
08 53 13 00-0156	EA		30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	254.64	45.89
			For Colored Vinyl, Add	16.29	
			For Tinted Glass, Add	19.54	
			For Low-E Insulated Glass, Add	40.72	
			For Obscure Glass, Add	44.79	
08 53 13 00-0157	EA		32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	258.37	46.68
			For Colored Vinyl, Add	16.50	
			For Tinted Glass, Add	19.80	
			For Low-E Insulated Glass, Add	41.25	
			For Obscure Glass, Add	45.38	
08 53 13 00-0158	EA		36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	268.24	48.26
			For Colored Vinyl, Add	17.17	
			For Tinted Glass, Add	20.61	
			For Low-E Insulated Glass, Add	42.93	
			For Obscure Glass, Add	47.22	
08 53 13 00-0159	EA		44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	285.14	51.43
			For Colored Vinyl, Add	18.23	
			For Tinted Glass, Add	21.87	
			For Low-E Insulated Glass, Add	45.57	
			For Obscure Glass, Add	50.13	
08 53 13 00-0160			54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0161	EA		24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	245.72	44.31
			For Colored Vinyl, Add	15.71	
			For Tinted Glass, Add	18.85	
			For Low-E Insulated Glass, Add	39.28	
			For Obscure Glass, Add	43.20	
08 53 13 00-0162	EA		28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	253.79	45.89
			For Colored Vinyl, Add	16.20	
			For Tinted Glass, Add	19.44	
			For Low-E Insulated Glass, Add	40.50	
			For Obscure Glass, Add	44.55	
08 53 13 00-0163	EA		30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	257.84	46.68
			For Colored Vinyl, Add	16.45	
			For Tinted Glass, Add	19.74	
			For Low-E Insulated Glass, Add	41.12	
			For Obscure Glass, Add	45.23	
08 53 13 00-0164	EA		32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	261.56	47.47
			For Colored Vinyl, Add	16.66	
			For Tinted Glass, Add	19.99	
			For Low-E Insulated Glass, Add	41.66	
			For Obscure Glass, Add	45.82	
08 53 13 00-0165	EA		36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	271.76	49.05
			For Colored Vinyl, Add	17.37	
			For Tinted Glass, Add	20.84	
			For Low-E Insulated Glass, Add	43.41	
			For Obscure Glass, Add	47.75	
08 53 13 00-0166	EA		44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	288.80	52.22
			For Colored Vinyl, Add	18.44	
			For Tinted Glass, Add	22.12	
			For Low-E Insulated Glass, Add	46.09	
			For Obscure Glass, Add	50.70	
08 53 13 00-0167			60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0168	EA		24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	254.93	46.68
			For Colored Vinyl, Add	16.16	
			For Tinted Glass, Add	19.39	
			For Low-E Insulated Glass, Add	40.39	
			For Obscure Glass, Add	44.43	
08 53 13 00-0169	EA		28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	263.00	48.26
			For Colored Vinyl, Add	16.65	
			For Tinted Glass, Add	19.98	
			For Low-E Insulated Glass, Add	41.62	
			For Obscure Glass, Add	45.78	
08 53 13 00-0170	EA		30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	267.87	49.05
			For Colored Vinyl, Add	16.98	
			For Tinted Glass, Add	20.37	
			For Low-E Insulated Glass, Add	42.44	
			For Obscure Glass, Add	46.68	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0171	EA 32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	271.59	49.85
	For Colored Vinyl, Add	17.19	
	For Tinted Glass, Add	20.63	
	For Low-E Insulated Glass, Add	42.98	
	For Obscure Glass, Add	47.27	
08 53 13 00-0172	EA 36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	282.31	51.43
	For Colored Vinyl, Add	17.95	
	For Tinted Glass, Add	21.54	
	For Low-E Insulated Glass, Add	44.87	
	For Obscure Glass, Add	49.35	
08 53 13 00-0173	EA 44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900)	299.78	54.60
	For Colored Vinyl, Add	19.06	
	For Tinted Glass, Add	22.87	
	For Low-E Insulated Glass, Add	47.65	
	For Obscure Glass, Add	52.42	
08 53 13 00-0174	62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0175	EA 24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	257.98	47.47
	For Colored Vinyl, Add	16.30	
	For Tinted Glass, Add	19.56	
	For Low-E Insulated Glass, Add	40.76	
	For Obscure Glass, Add	44.84	
08 53 13 00-0176	EA 28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	266.06	49.05
	For Colored Vinyl, Add	16.80	
	For Tinted Glass, Add	20.15	
	For Low-E Insulated Glass, Add	41.99	
	For Obscure Glass, Add	46.19	
08 53 13 00-0177	EA 30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	271.26	49.85
	For Colored Vinyl, Add	17.16	
	For Tinted Glass, Add	20.59	
	For Low-E Insulated Glass, Add	42.89	
	For Obscure Glass, Add	47.18	
08 53 13 00-0178	EA 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	274.98	50.64
	For Colored Vinyl, Add	17.37	
	For Tinted Glass, Add	20.85	
	For Low-E Insulated Glass, Add	43.43	
	For Obscure Glass, Add	47.77	
08 53 13 00-0179	EA 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	285.82	52.22
	For Colored Vinyl, Add	18.14	
	For Tinted Glass, Add	21.77	
	For Low-E Insulated Glass, Add	45.35	
	For Obscure Glass, Add	49.88	
08 53 13 00-0180	EA 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900)	303.72	55.38
	For Colored Vinyl, Add	19.30	
	For Tinted Glass, Add	23.15	
	For Low-E Insulated Glass, Add	48.24	
	For Obscure Glass, Add	53.06	
08 53 13 00-0181	66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0182	EA 24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	264.61	49.05
	For Colored Vinyl, Add	16.65	
	For Tinted Glass, Add	19.98	
	For Low-E Insulated Glass, Add	41.63	
	For Obscure Glass, Add	45.79	
08 53 13 00-0183	EA 28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	272.67	50.64
	For Colored Vinyl, Add	17.14	
	For Tinted Glass, Add	20.57	
	For Low-E Insulated Glass, Add	42.85	
	For Obscure Glass, Add	47.14	
08 53 13 00-0184	EA 30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	278.05	51.43
	For Colored Vinyl, Add	17.52	
	For Tinted Glass, Add	21.02	
	For Low-E Insulated Glass, Add	43.80	
	For Obscure Glass, Add	48.18	
08 53 13 00-0185	EA 32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	281.78	52.22
	For Colored Vinyl, Add	17.73	
	For Tinted Glass, Add	21.28	
	For Low-E Insulated Glass, Add	44.34	
	For Obscure Glass, Add	48.77	
08 53 13 00-0186	EA 36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	292.87	53.80
	For Colored Vinyl, Add	18.53	
	For Tinted Glass, Add	22.23	
	For Low-E Insulated Glass, Add	46.32	
	For Obscure Glass, Add	50.95	
08 53 13 00-0187	EA 44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900)	311.37	56.96
	For Colored Vinyl, Add	19.74	
	For Tinted Glass, Add	23.69	
	For Low-E Insulated Glass, Add	49.36	
	For Obscure Glass, Add	54.29	
08 53 13 00-0188	72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0189	EA		24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	274.53	51.43
			For Colored Vinyl, Add	17.17	
			For Tinted Glass, Add	20.60	
			For Low-E Insulated Glass, Add	42.92	
			For Obscure Glass, Add	47.21	
08 53 13 00-0190	EA		28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	282.60	53.01
			For Colored Vinyl, Add	17.66	
			For Tinted Glass, Add	21.19	
			For Low-E Insulated Glass, Add	44.15	
			For Obscure Glass, Add	48.56	
08 53 13 00-0191	EA		30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	287.98	53.80
			For Colored Vinyl, Add	18.04	
			For Tinted Glass, Add	21.65	
			For Low-E Insulated Glass, Add	45.10	
			For Obscure Glass, Add	49.60	
08 53 13 00-0192	EA		32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	291.70	54.60
			For Colored Vinyl, Add	18.25	
			For Tinted Glass, Add	21.90	
			For Low-E Insulated Glass, Add	45.63	
			For Obscure Glass, Add	50.19	
08 53 13 00-0193	EA		36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	302.80	56.18
			For Colored Vinyl, Add	19.05	
			For Tinted Glass, Add	22.85	
			For Low-E Insulated Glass, Add	47.61	
			For Obscure Glass, Add	52.37	
08 53 13 00-0194	EA		44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	321.29	59.34
			For Colored Vinyl, Add	20.26	
			For Tinted Glass, Add	24.31	
			For Low-E Insulated Glass, Add	50.65	
			For Obscure Glass, Add	55.72	
08 53 13 00-0195			Replacement, Double Hung Vinyl Windows (Silver Line 8500) <small>(08 53 13 00-0102)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	259.57	41.54
			For Colored Vinyl, Add	17.65	
			For Tinted Glass, Add	21.18	
			For Low-E Insulated Glass, Add	44.12	
			For Obscure Glass, Add	48.53	
08 53 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	285.92	45.50
			For Colored Vinyl, Add	19.49	
			For Tinted Glass, Add	23.39	
			For Low-E Insulated Glass, Add	48.73	
			For Obscure Glass, Add	53.61	
08 53 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	310.89	49.45
			For Colored Vinyl, Add	21.20	
			For Tinted Glass, Add	25.44	
			For Low-E Insulated Glass, Add	53.00	
			For Obscure Glass, Add	58.30	
08 53 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	330.06	53.41
			For Colored Vinyl, Add	22.33	
			For Tinted Glass, Add	26.79	
			For Low-E Insulated Glass, Add	55.81	
			For Obscure Glass, Add	61.39	
08 53 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	350.26	57.37
			For Colored Vinyl, Add	23.55	
			For Tinted Glass, Add	28.26	
			For Low-E Insulated Glass, Add	58.89	
			For Obscure Glass, Add	64.77	
08 53 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	379.60	61.32
			For Colored Vinyl, Add	25.70	
			For Tinted Glass, Add	30.84	
			For Low-E Insulated Glass, Add	64.24	
			For Obscure Glass, Add	70.66	
08 53 13 00-0202	UI		>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	3.17	0.51
			For Colored Vinyl, Add	0.21	
			For Tinted Glass, Add	0.26	
			For Low-E Insulated Glass, Add	0.54	
			For Obscure Glass, Add	0.59	
08 53 13 00-0203			Casement Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0204			New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0203)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0205			One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0206			24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>		
08 53 13 00-0207	EA		17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	192.32	30.06
			For Colored Vinyl, Add	13.30	
			For Tinted Glass, Add	15.96	
			For Low-E Insulated Glass, Add	33.25	
			For Obscure Glass, Add	36.57	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0208	EA 20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	199.19	30.86
	For Colored Vinyl, Add	13.75	
	For Tinted Glass, Add	16.50	
	For Low-E Insulated Glass, Add	34.37	
	For Obscure Glass, Add	37.80	
08 53 13 00-0209	EA 24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	206.84	32.44
	For Colored Vinyl, Add	14.20	
	For Tinted Glass, Add	17.04	
	For Low-E Insulated Glass, Add	35.49	
	For Obscure Glass, Add	39.04	
08 53 13 00-0210	EA 28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	219.44	34.02
	For Colored Vinyl, Add	15.14	
	For Tinted Glass, Add	18.17	
	For Low-E Insulated Glass, Add	37.85	
	For Obscure Glass, Add	41.64	
08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)			
08 53 13 00-0212	EA 17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	203.84	31.64
	For Colored Vinyl, Add	14.13	
	For Tinted Glass, Add	16.96	
	For Low-E Insulated Glass, Add	35.34	
	For Obscure Glass, Add	38.87	
08 53 13 00-0213	EA 20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	211.22	32.44
	For Colored Vinyl, Add	14.63	
	For Tinted Glass, Add	17.56	
	For Low-E Insulated Glass, Add	36.59	
	For Obscure Glass, Add	40.24	
08 53 13 00-0214	EA 24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	219.37	34.02
	For Colored Vinyl, Add	15.13	
	For Tinted Glass, Add	18.16	
	For Low-E Insulated Glass, Add	37.83	
	For Obscure Glass, Add	41.62	
08 53 13 00-0215	EA 28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	232.58	35.60
	For Colored Vinyl, Add	16.14	
	For Tinted Glass, Add	19.36	
	For Low-E Insulated Glass, Add	40.34	
	For Obscure Glass, Add	44.38	
08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)			
08 53 13 00-0217	EA 17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	218.36	34.02
	For Colored Vinyl, Add	15.03	
	For Tinted Glass, Add	18.04	
	For Low-E Insulated Glass, Add	37.58	
	For Obscure Glass, Add	41.34	
08 53 13 00-0218	EA 20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	225.98	35.60
	For Colored Vinyl, Add	15.56	
	For Tinted Glass, Add	18.67	
	For Low-E Insulated Glass, Add	38.89	
	For Obscure Glass, Add	42.78	
08 53 13 00-0219	EA 24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	234.42	36.79
	For Colored Vinyl, Add	16.08	
	For Tinted Glass, Add	19.30	
	For Low-E Insulated Glass, Add	40.21	
	For Obscure Glass, Add	44.23	
08 53 13 00-0220	EA 28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	248.11	38.37
	For Colored Vinyl, Add	17.14	
	For Tinted Glass, Add	20.56	
	For Low-E Insulated Glass, Add	42.84	
	For Obscure Glass, Add	47.12	
08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)			
08 53 13 00-0222	EA 17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	230.97	36.39
	For Colored Vinyl, Add	15.90	
	For Tinted Glass, Add	19.08	
	For Low-E Insulated Glass, Add	39.75	
	For Obscure Glass, Add	43.72	
08 53 13 00-0223	EA 20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	238.96	37.19
	For Colored Vinyl, Add	16.46	
	For Tinted Glass, Add	19.75	
	For Low-E Insulated Glass, Add	41.15	
	For Obscure Glass, Add	45.26	
08 53 13 00-0224	EA 24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	247.74	38.77
	For Colored Vinyl, Add	17.02	
	For Tinted Glass, Add	20.42	
	For Low-E Insulated Glass, Add	42.55	
	For Obscure Glass, Add	46.81	
08 53 13 00-0225	EA 28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	262.42	40.35
	For Colored Vinyl, Add	18.17	
	For Tinted Glass, Add	21.81	
	For Low-E Insulated Glass, Add	45.43	
	For Obscure Glass, Add	49.97	

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

08 53 13 00-0226			48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0227	EA		17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	246.06	39.56
			For Colored Vinyl, Add	16.77	
			For Tinted Glass, Add	20.13	
			For Low-E Insulated Glass, Add	41.93	
			For Obscure Glass, Add	46.13	
08 53 13 00-0228	EA		20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	254.34	40.35
			For Colored Vinyl, Add	17.36	
			For Tinted Glass, Add	20.84	
			For Low-E Insulated Glass, Add	43.41	
			For Obscure Glass, Add	47.75	
08 53 13 00-0229	EA		24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	263.43	41.93
			For Colored Vinyl, Add	17.96	
			For Tinted Glass, Add	21.55	
			For Low-E Insulated Glass, Add	44.89	
			For Obscure Glass, Add	49.38	
08 53 13 00-0230	EA		28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	279.44	43.51
			For Colored Vinyl, Add	19.24	
			For Tinted Glass, Add	23.09	
			For Low-E Insulated Glass, Add	48.10	
			For Obscure Glass, Add	52.91	
08 53 13 00-0231			52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0232	EA		17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	257.92	41.15
			For Colored Vinyl, Add	17.64	
			For Tinted Glass, Add	21.17	
			For Low-E Insulated Glass, Add	44.11	
			For Obscure Glass, Add	48.52	
08 53 13 00-0233	EA		20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	266.62	41.93
			For Colored Vinyl, Add	18.28	
			For Tinted Glass, Add	21.93	
			For Low-E Insulated Glass, Add	45.69	
			For Obscure Glass, Add	50.26	
08 53 13 00-0234	EA		24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	276.11	43.51
			For Colored Vinyl, Add	18.91	
			For Tinted Glass, Add	22.69	
			For Low-E Insulated Glass, Add	47.27	
			For Obscure Glass, Add	51.99	
08 53 13 00-0235	EA		28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	292.35	45.09
			For Colored Vinyl, Add	20.22	
			For Tinted Glass, Add	24.26	
			For Low-E Insulated Glass, Add	50.54	
			For Obscure Glass, Add	55.59	
08 53 13 00-0236			60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0237	EA		17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	272.17	43.51
			For Colored Vinyl, Add	18.51	
			For Tinted Glass, Add	22.22	
			For Low-E Insulated Glass, Add	46.28	
			For Obscure Glass, Add	50.91	
08 53 13 00-0238	EA		20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	281.26	45.09
			For Colored Vinyl, Add	19.19	
			For Tinted Glass, Add	23.02	
			For Low-E Insulated Glass, Add	47.97	
			For Obscure Glass, Add	52.76	
08 53 13 00-0239	EA		24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	291.16	46.28
			For Colored Vinyl, Add	19.86	
			For Tinted Glass, Add	23.83	
			For Low-E Insulated Glass, Add	49.65	
			For Obscure Glass, Add	54.61	
08 53 13 00-0240	EA		28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	307.64	47.87
			For Colored Vinyl, Add	21.19	
			For Tinted Glass, Add	25.43	
			For Low-E Insulated Glass, Add	52.98	
			For Obscure Glass, Add	58.28	
08 53 13 00-0241			64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	284.62	45.89
			For Colored Vinyl, Add	19.36	
			For Tinted Glass, Add	23.24	
			For Low-E Insulated Glass, Add	48.41	
			For Obscure Glass, Add	53.25	
08 53 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	293.92	46.68
			For Colored Vinyl, Add	20.06	
			For Tinted Glass, Add	24.07	
			For Low-E Insulated Glass, Add	50.14	
			For Obscure Glass, Add	55.15	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0244	EA 24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	304.38	48.26
	For Colored Vinyl, Add	20.79	
	For Tinted Glass, Add	24.94	
	For Low-E Insulated Glass, Add	51.96	
	For Obscure Glass, Add	57.16	
08 53 13 00-0245	EA 28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	320.51	49.85
	For Colored Vinyl, Add	22.08	
	For Tinted Glass, Add	26.50	
	For Low-E Insulated Glass, Add	55.21	
	For Obscure Glass, Add	60.73	
08 53 13 00-0246	72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>		
08 53 13 00-0247	EA 17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	300.20	48.26
	For Colored Vinyl, Add	20.37	
	For Tinted Glass, Add	24.44	
	For Low-E Insulated Glass, Add	50.92	
	For Obscure Glass, Add	56.01	
08 53 13 00-0248	EA 20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	309.94	49.85
	For Colored Vinyl, Add	21.10	
	For Tinted Glass, Add	25.32	
	For Low-E Insulated Glass, Add	52.76	
	For Obscure Glass, Add	58.04	
08 53 13 00-0249	EA 24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	320.00	51.03
	For Colored Vinyl, Add	21.79	
	For Tinted Glass, Add	26.15	
	For Low-E Insulated Glass, Add	54.48	
	For Obscure Glass, Add	59.93	
08 53 13 00-0250	EA 28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	335.95	52.61
	For Colored Vinyl, Add	23.07	
	For Tinted Glass, Add	27.69	
	For Low-E Insulated Glass, Add	57.68	
	For Obscure Glass, Add	63.45	
08 53 13 00-0251	Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0252	36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0253	EA 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	369.42	40.35
	For Colored Vinyl, Add	28.87	
	For Tinted Glass, Add	34.65	
	For Low-E Insulated Glass, Add	72.18	
	For Obscure Glass, Add	79.40	
08 53 13 00-0254	EA 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	384.02	43.51
	For Colored Vinyl, Add	29.78	
	For Tinted Glass, Add	35.73	
	For Low-E Insulated Glass, Add	74.45	
	For Obscure Glass, Add	81.89	
08 53 13 00-0255	EA 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	399.43	46.68
	For Colored Vinyl, Add	30.69	
	For Tinted Glass, Add	36.82	
	For Low-E Insulated Glass, Add	76.72	
	For Obscure Glass, Add	84.39	
08 53 13 00-0256	EA 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	416.52	49.45
	For Colored Vinyl, Add	31.76	
	For Tinted Glass, Add	38.11	
	For Low-E Insulated Glass, Add	79.41	
	For Obscure Glass, Add	87.35	
08 53 13 00-0257	40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0258	EA 33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	390.84	42.32
	For Colored Vinyl, Add	30.62	
	For Tinted Glass, Add	36.74	
	For Low-E Insulated Glass, Add	76.55	
	For Obscure Glass, Add	84.20	
08 53 13 00-0259	EA 40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	406.19	45.09
	For Colored Vinyl, Add	31.60	
	For Tinted Glass, Add	37.92	
	For Low-E Insulated Glass, Add	79.00	
	For Obscure Glass, Add	86.90	
08 53 13 00-0260	EA 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	422.34	48.26
	For Colored Vinyl, Add	32.58	
	For Tinted Glass, Add	39.10	
	For Low-E Insulated Glass, Add	81.45	
	For Obscure Glass, Add	89.60	
08 53 13 00-0261	EA 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	438.97	51.43
	For Colored Vinyl, Add	33.61	
	For Tinted Glass, Add	40.33	
	For Low-E Insulated Glass, Add	84.03	
	For Obscure Glass, Add	92.43	

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

08 53 13 00-0262			48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0263	EA		33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	414.98	45.50
			For Colored Vinyl, Add	32.40	
			For Tinted Glass, Add	38.88	
			For Low-E Insulated Glass, Add	81.00	
			For Obscure Glass, Add	89.10	
08 53 13 00-0264	EA		40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	430.86	48.26
			For Colored Vinyl, Add	33.43	
			For Tinted Glass, Add	40.12	
			For Low-E Insulated Glass, Add	83.58	
			For Obscure Glass, Add	91.94	
08 53 13 00-0265	EA		48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	447.55	51.43
			For Colored Vinyl, Add	34.47	
			For Tinted Glass, Add	41.36	
			For Low-E Insulated Glass, Add	86.18	
			For Obscure Glass, Add	94.79	
08 53 13 00-0266	EA		56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	465.44	54.60
			For Colored Vinyl, Add	35.63	
			For Tinted Glass, Add	42.75	
			For Low-E Insulated Glass, Add	89.07	
			For Obscure Glass, Add	97.97	
08 53 13 00-0267			52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0268	EA		33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	435.90	47.08
			For Colored Vinyl, Add	34.18	
			For Tinted Glass, Add	41.01	
			For Low-E Insulated Glass, Add	85.44	
			For Obscure Glass, Add	93.98	
08 53 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	452.51	49.85
			For Colored Vinyl, Add	35.28	
			For Tinted Glass, Add	42.34	
			For Low-E Insulated Glass, Add	88.21	
			For Obscure Glass, Add	97.03	
08 53 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	469.90	53.01
			For Colored Vinyl, Add	36.39	
			For Tinted Glass, Add	43.67	
			For Low-E Insulated Glass, Add	90.97	
			For Obscure Glass, Add	100.07	
08 53 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	488.05	56.18
			For Colored Vinyl, Add	37.57	
			For Tinted Glass, Add	45.08	
			For Low-E Insulated Glass, Add	93.93	
			For Obscure Glass, Add	103.32	
08 53 13 00-0272			60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	459.21	49.85
			For Colored Vinyl, Add	35.95	
			For Tinted Glass, Add	43.14	
			For Low-E Insulated Glass, Add	89.88	
			For Obscure Glass, Add	98.87	
08 53 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	476.53	53.01
			For Colored Vinyl, Add	37.13	
			For Tinted Glass, Add	44.56	
			For Low-E Insulated Glass, Add	92.83	
			For Obscure Glass, Add	102.11	
08 53 13 00-0275	EA		48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	494.63	56.18
			For Colored Vinyl, Add	38.31	
			For Tinted Glass, Add	45.97	
			For Low-E Insulated Glass, Add	95.77	
			For Obscure Glass, Add	105.34	
08 53 13 00-0276	EA		56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	513.00	58.95
			For Colored Vinyl, Add	39.51	
			For Tinted Glass, Add	47.41	
			For Low-E Insulated Glass, Add	98.78	
			For Obscure Glass, Add	108.66	
08 53 13 00-0277			64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	481.52	51.82
			For Colored Vinyl, Add	37.79	
			For Tinted Glass, Add	45.34	
			For Low-E Insulated Glass, Add	94.47	
			For Obscure Glass, Add	103.91	
08 53 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	498.83	54.60
			For Colored Vinyl, Add	38.97	
			For Tinted Glass, Add	46.76	
			For Low-E Insulated Glass, Add	97.41	
			For Obscure Glass, Add	107.15	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0280	EA 48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	516.88	57.76
	For Colored Vinyl, Add	40.14	
	For Tinted Glass, Add	48.16	
	For Low-E Insulated Glass, Add	100.34	
	For Obscure Glass, Add	110.37	
08 53 13 00-0281	EA 56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	535.31	60.92
	For Colored Vinyl, Add	41.35	
	For Tinted Glass, Add	49.62	
	For Low-E Insulated Glass, Add	103.37	
	For Obscure Glass, Add	113.70	
08 53 13 00-0282	72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0251)		
08 53 13 00-0283	EA 33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	506.58	54.60
	For Colored Vinyl, Add	39.74	
	For Tinted Glass, Add	47.69	
	For Low-E Insulated Glass, Add	99.35	
	For Obscure Glass, Add	109.29	
08 53 13 00-0284	EA 40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	523.90	57.76
	For Colored Vinyl, Add	40.92	
	For Tinted Glass, Add	49.10	
	For Low-E Insulated Glass, Add	102.30	
	For Obscure Glass, Add	112.52	
08 53 13 00-0285	EA 48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	542.02	60.92
	For Colored Vinyl, Add	42.10	
	For Tinted Glass, Add	50.52	
	For Low-E Insulated Glass, Add	105.24	
	For Obscure Glass, Add	115.77	
08 53 13 00-0286	EA 56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	560.40	63.69
	For Colored Vinyl, Add	43.30	
	For Tinted Glass, Add	51.96	
	For Low-E Insulated Glass, Add	108.25	
	For Obscure Glass, Add	119.08	
08 53 13 00-0287	Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0204)		
08 53 13 00-0288	36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0289	EA 62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	457.38	51.43
	For Colored Vinyl, Add	35.45	
	For Tinted Glass, Add	42.54	
	For Low-E Insulated Glass, Add	88.63	
	For Obscure Glass, Add	97.50	
08 53 13 00-0290	EA 72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	480.24	55.38
	For Colored Vinyl, Add	36.95	
	For Tinted Glass, Add	44.34	
	For Low-E Insulated Glass, Add	92.37	
	For Obscure Glass, Add	101.60	
08 53 13 00-0291	EA 86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	520.21	61.32
	For Colored Vinyl, Add	39.76	
	For Tinted Glass, Add	47.71	
	For Low-E Insulated Glass, Add	99.39	
	For Obscure Glass, Add	109.33	
08 53 13 00-0292	40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0293	EA 62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	486.25	53.80
	For Colored Vinyl, Add	37.94	
	For Tinted Glass, Add	45.53	
	For Low-E Insulated Glass, Add	94.86	
	For Obscure Glass, Add	104.35	
08 53 13 00-0294	EA 72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	509.25	57.37
	For Colored Vinyl, Add	39.45	
	For Tinted Glass, Add	47.34	
	For Low-E Insulated Glass, Add	98.63	
	For Obscure Glass, Add	108.50	
08 53 13 00-0295	EA 86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	551.23	63.30
	For Colored Vinyl, Add	42.46	
	For Tinted Glass, Add	50.96	
	For Low-E Insulated Glass, Add	106.16	
	For Obscure Glass, Add	116.78	
08 53 13 00-0296	48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0297	EA 62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)	514.72	56.96
	For Colored Vinyl, Add	40.08	
	For Tinted Glass, Add	48.09	
	For Low-E Insulated Glass, Add	100.20	
	For Obscure Glass, Add	110.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0298	EA		72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	541.00	60.53
			For Colored Vinyl, Add	42.00	
			For Tinted Glass, Add	50.39	
			For Low-E Insulated Glass, Add	104.99	
			For Obscure Glass, Add	115.49	
08 53 13 00-0299	EA		86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	584.71	66.46
			For Colored Vinyl, Add	45.18	
			For Tinted Glass, Add	54.21	
			For Low-E Insulated Glass, Add	112.95	
			For Obscure Glass, Add	124.24	
08 53 13 00-0300			52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0301	EA		62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	541.94	58.54
			For Colored Vinyl, Add	42.48	
			For Tinted Glass, Add	50.98	
			For Low-E Insulated Glass, Add	106.21	
			For Obscure Glass, Add	116.83	
08 53 13 00-0302	EA		72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	570.06	62.50
			For Colored Vinyl, Add	44.51	
			For Tinted Glass, Add	53.41	
			For Low-E Insulated Glass, Add	111.26	
			For Obscure Glass, Add	122.39	
08 53 13 00-0303	EA		86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	619.02	68.04
			For Colored Vinyl, Add	48.29	
			For Tinted Glass, Add	57.95	
			For Low-E Insulated Glass, Add	120.73	
			For Obscure Glass, Add	132.81	
08 53 13 00-0304			60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0305	EA		62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	571.51	61.32
			For Colored Vinyl, Add	44.89	
			For Tinted Glass, Add	53.86	
			For Low-E Insulated Glass, Add	112.22	
			For Obscure Glass, Add	123.44	
08 53 13 00-0306	EA		72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	600.68	65.27
			For Colored Vinyl, Add	47.01	
			For Tinted Glass, Add	56.42	
			For Low-E Insulated Glass, Add	117.53	
			For Obscure Glass, Add	129.29	
08 53 13 00-0307	EA		86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	655.69	70.82
			For Colored Vinyl, Add	51.41	
			For Tinted Glass, Add	61.69	
			For Low-E Insulated Glass, Add	128.52	
			For Obscure Glass, Add	141.37	
08 53 13 00-0308			64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0309	EA		62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	602.62	63.30
			For Colored Vinyl, Add	47.60	
			For Tinted Glass, Add	57.12	
			For Low-E Insulated Glass, Add	119.01	
			For Obscure Glass, Add	130.91	
08 53 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	631.78	67.25
			For Colored Vinyl, Add	49.73	
			For Tinted Glass, Add	59.67	
			For Low-E Insulated Glass, Add	124.32	
			For Obscure Glass, Add	136.75	
08 53 13 00-0311	EA		86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	686.79	72.79
			For Colored Vinyl, Add	54.12	
			For Tinted Glass, Add	64.95	
			For Low-E Insulated Glass, Add	135.30	
			For Obscure Glass, Add	148.83	
08 53 13 00-0312			72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0287)		
08 53 13 00-0313	EA		62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	635.38	66.06
			For Colored Vinyl, Add	50.33	
			For Tinted Glass, Add	60.39	
			For Low-E Insulated Glass, Add	125.81	
			For Obscure Glass, Add	138.39	
08 53 13 00-0314	EA		72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	664.54	70.02
			For Colored Vinyl, Add	52.45	
			For Tinted Glass, Add	62.94	
			For Low-E Insulated Glass, Add	131.13	
			For Obscure Glass, Add	144.24	
08 53 13 00-0315	EA		86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	719.55	75.56
			For Colored Vinyl, Add	56.84	
			For Tinted Glass, Add	68.21	
			For Low-E Insulated Glass, Add	142.11	
			For Obscure Glass, Add	156.32	

08 Openings**08 50 Windows****08 53 Plastic Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 53 13 00-0316	Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0203)</small>		
	Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317	One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0318	EA Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	242.98	33.63
	For Colored Vinyl, Add	17.57	
	For Tinted Glass, Add	21.09	
	For Low-E Insulated Glass, Add	43.93	
	For Obscure Glass, Add	48.33	
08 53 13 00-0319	EA >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	275.35	37.58
	For Colored Vinyl, Add	20.02	
	For Tinted Glass, Add	24.02	
	For Low-E Insulated Glass, Add	50.05	
	For Obscure Glass, Add	55.05	
08 53 13 00-0320	EA >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	304.95	41.54
	For Colored Vinyl, Add	22.19	
	For Tinted Glass, Add	26.62	
	For Low-E Insulated Glass, Add	55.47	
	For Obscure Glass, Add	61.01	
08 53 13 00-0321	EA >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	331.78	45.50
	For Colored Vinyl, Add	24.08	
	For Tinted Glass, Add	28.89	
	For Low-E Insulated Glass, Add	60.20	
	For Obscure Glass, Add	66.22	
08 53 13 00-0322	EA >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	355.86	49.45
	For Colored Vinyl, Add	25.70	
	For Tinted Glass, Add	30.84	
	For Low-E Insulated Glass, Add	64.24	
	For Obscure Glass, Add	70.66	
08 53 13 00-0323	EA >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)	371.92	53.41
	For Colored Vinyl, Add	26.51	
	For Tinted Glass, Add	31.81	
	For Low-E Insulated Glass, Add	66.28	
	For Obscure Glass, Add	72.91	
08 53 13 00-0324	UI >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	3.65	0.51
	For Colored Vinyl, Add	0.26	
	For Tinted Glass, Add	0.31	
	For Low-E Insulated Glass, Add	0.66	
	For Obscure Glass, Add	0.72	
08 53 13 00-0325	Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0326	EA Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	390.67	41.54
	For Colored Vinyl, Add	30.76	
	For Tinted Glass, Add	36.91	
	For Low-E Insulated Glass, Add	76.90	
	For Obscure Glass, Add	84.59	
08 53 13 00-0327	EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	429.25	45.50
	For Colored Vinyl, Add	33.83	
	For Tinted Glass, Add	40.59	
	For Low-E Insulated Glass, Add	84.57	
	For Obscure Glass, Add	93.02	
08 53 13 00-0328	EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	465.06	49.45
	For Colored Vinyl, Add	36.62	
	For Tinted Glass, Add	43.94	
	For Low-E Insulated Glass, Add	91.54	
	For Obscure Glass, Add	100.69	
08 53 13 00-0329	EA >93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	490.52	53.41
	For Colored Vinyl, Add	38.37	
	For Tinted Glass, Add	46.05	
	For Low-E Insulated Glass, Add	95.93	
	For Obscure Glass, Add	105.52	
08 53 13 00-0330	EA >101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	517.42	57.37
	For Colored Vinyl, Add	40.27	
	For Tinted Glass, Add	48.32	
	For Low-E Insulated Glass, Add	100.68	
	For Obscure Glass, Add	110.74	
08 53 13 00-0331	EA >110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	545.38	61.32
	For Colored Vinyl, Add	42.27	
	For Tinted Glass, Add	50.73	
	For Low-E Insulated Glass, Add	105.69	
	For Obscure Glass, Add	116.25	
08 53 13 00-0332	UI >120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	4.55	0.51
	For Colored Vinyl, Add	0.35	
	For Tinted Glass, Add	0.42	
	For Low-E Insulated Glass, Add	0.88	
	For Obscure Glass, Add	0.97	
08 53 13 00-0333	Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0334	EA Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	405.80	41.54
	For Colored Vinyl, Add	32.27	
	For Tinted Glass, Add	38.73	
	For Low-E Insulated Glass, Add	80.68	
	For Obscure Glass, Add	88.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0335	EA		>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	446.03	45.50
			For Colored Vinyl, Add	35.50	
			For Tinted Glass, Add	42.60	
			For Low-E Insulated Glass, Add	88.76	
			For Obscure Glass, Add	97.64	
08 53 13 00-0336	EA		>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	484.34	49.45
			For Colored Vinyl, Add	38.54	
			For Tinted Glass, Add	46.25	
			For Low-E Insulated Glass, Add	96.36	
			For Obscure Glass, Add	106.00	
08 53 13 00-0337	EA		>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	511.45	53.41
			For Colored Vinyl, Add	40.46	
			For Tinted Glass, Add	48.56	
			For Low-E Insulated Glass, Add	101.16	
			For Obscure Glass, Add	111.28	
08 53 13 00-0338	EA		>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	540.22	57.37
			For Colored Vinyl, Add	42.55	
			For Tinted Glass, Add	51.06	
			For Low-E Insulated Glass, Add	106.38	
			For Obscure Glass, Add	117.01	
08 53 13 00-0339	EA		>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	570.24	61.32
			For Colored Vinyl, Add	44.76	
			For Tinted Glass, Add	53.71	
			For Low-E Insulated Glass, Add	111.90	
			For Obscure Glass, Add	123.09	
08 53 13 00-0340	UI		>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	4.76	0.51
			For Colored Vinyl, Add	0.37	
			For Tinted Glass, Add	0.45	
			For Low-E Insulated Glass, Add	0.93	
			For Obscure Glass, Add	1.03	
08 53 13 00-0341			Awning Vinyl Windows (08 53 13)		
08 53 13 00-0342			New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0341) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343			Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0342)		
08 53 13 00-0344			17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0345	EA		24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	243.33	32.44
			For Colored Vinyl, Add	17.85	
			For Tinted Glass, Add	21.41	
			For Low-E Insulated Glass, Add	44.61	
			For Obscure Glass, Add	49.07	
08 53 13 00-0346	EA		28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	254.78	34.02
			For Colored Vinyl, Add	18.67	
			For Tinted Glass, Add	22.41	
			For Low-E Insulated Glass, Add	46.69	
			For Obscure Glass, Add	51.35	
08 53 13 00-0347	EA		36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	272.76	36.79
			For Colored Vinyl, Add	19.92	
			For Tinted Glass, Add	23.90	
			For Low-E Insulated Glass, Add	49.79	
			For Obscure Glass, Add	54.77	
08 53 13 00-0348	EA		40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	284.53	38.77
			For Colored Vinyl, Add	20.70	
			For Tinted Glass, Add	24.84	
			For Low-E Insulated Glass, Add	51.75	
			For Obscure Glass, Add	56.92	
08 53 13 00-0349	EA		48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	303.75	41.93
			For Colored Vinyl, Add	21.99	
			For Tinted Glass, Add	26.39	
			For Low-E Insulated Glass, Add	54.97	
			For Obscure Glass, Add	60.47	
08 53 13 00-0350			20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0351	EA		24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	256.06	34.02
			For Colored Vinyl, Add	18.88	
			For Tinted Glass, Add	22.66	
			For Low-E Insulated Glass, Add	47.20	
			For Obscure Glass, Add	51.92	
08 53 13 00-0352	EA		28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	267.51	35.60
			For Colored Vinyl, Add	19.71	
			For Tinted Glass, Add	23.65	
			For Low-E Insulated Glass, Add	49.28	
			For Obscure Glass, Add	54.20	
08 53 13 00-0353	EA		36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	286.63	37.98
			For Colored Vinyl, Add	21.07	
			For Tinted Glass, Add	25.28	
			For Low-E Insulated Glass, Add	52.67	
			For Obscure Glass, Add	57.94	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0354	EA 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	298.42	40.35
	For Colored Vinyl, Add	21.85	
	For Tinted Glass, Add	26.22	
	For Low-E Insulated Glass, Add	54.63	
	For Obscure Glass, Add	60.09	
08 53 13 00-0355	EA 48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	318.79	43.12
	For Colored Vinyl, Add	23.26	
	For Tinted Glass, Add	27.91	
	For Low-E Insulated Glass, Add	58.14	
	For Obscure Glass, Add	63.95	
08 53 13 00-0356	24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0357	EA 24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	264.97	35.60
	For Colored Vinyl, Add	19.46	
	For Tinted Glass, Add	23.35	
	For Low-E Insulated Glass, Add	48.64	
	For Obscure Glass, Add	53.50	
08 53 13 00-0358	EA 28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	276.43	37.19
	For Colored Vinyl, Add	20.28	
	For Tinted Glass, Add	24.34	
	For Low-E Insulated Glass, Add	50.71	
	For Obscure Glass, Add	55.78	
08 53 13 00-0359	EA 36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	296.12	39.56
	For Colored Vinyl, Add	21.70	
	For Tinted Glass, Add	26.04	
	For Low-E Insulated Glass, Add	54.25	
	For Obscure Glass, Add	59.68	
08 53 13 00-0360	EA 40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	308.84	41.93
	For Colored Vinyl, Add	22.58	
	For Tinted Glass, Add	27.09	
	For Low-E Insulated Glass, Add	56.44	
	For Obscure Glass, Add	62.08	
08 53 13 00-0361	EA 48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	329.43	44.70
	For Colored Vinyl, Add	24.00	
	For Tinted Glass, Add	28.80	
	For Low-E Insulated Glass, Add	60.01	
	For Obscure Glass, Add	66.01	
08 53 13 00-0362	28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0363	EA 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	273.91	37.19
	For Colored Vinyl, Add	20.03	
	For Tinted Glass, Add	24.04	
	For Low-E Insulated Glass, Add	50.08	
	For Obscure Glass, Add	55.09	
08 53 13 00-0364	EA 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	285.35	38.77
	For Colored Vinyl, Add	20.86	
	For Tinted Glass, Add	25.03	
	For Low-E Insulated Glass, Add	52.15	
	For Obscure Glass, Add	57.37	
08 53 13 00-0365	EA 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	305.63	41.15
	For Colored Vinyl, Add	22.34	
	For Tinted Glass, Add	26.80	
	For Low-E Insulated Glass, Add	55.84	
	For Obscure Glass, Add	61.42	
08 53 13 00-0366	EA 40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	319.20	43.51
	For Colored Vinyl, Add	23.30	
	For Tinted Glass, Add	27.96	
	For Low-E Insulated Glass, Add	58.24	
	For Obscure Glass, Add	64.06	
08 53 13 00-0367	EA 48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	340.09	46.28
	For Colored Vinyl, Add	24.75	
	For Tinted Glass, Add	29.70	
	For Low-E Insulated Glass, Add	61.88	
	For Obscure Glass, Add	68.07	
08 53 13 00-0368	36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0369	EA 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	323.82	43.92
	For Colored Vinyl, Add	23.60	
	For Tinted Glass, Add	28.32	
	For Low-E Insulated Glass, Add	59.00	
	For Obscure Glass, Add	64.90	
08 53 13 00-0370	EA 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	337.41	45.89
	For Colored Vinyl, Add	24.56	
	For Tinted Glass, Add	29.48	
	For Low-E Insulated Glass, Add	61.41	
	For Obscure Glass, Add	67.55	
08 53 13 00-0371	EA 48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450)	359.45	49.05
	For Colored Vinyl, Add	26.13	
	For Tinted Glass, Add	31.36	
	For Low-E Insulated Glass, Add	65.34	
	For Obscure Glass, Add	71.87	

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

08 53 13 00-0372			Replacement, Awning Vinyl Windows (Silver Line 7400) <small>(08 53 13 00-0341)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA		Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	253.96	33.63
			For Colored Vinyl, Add	18.67	
			For Tinted Glass, Add	22.41	
			For Low-E Insulated Glass, Add	46.68	
			For Obscure Glass, Add	51.35	
08 53 13 00-0374	EA		>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	292.75	37.58
			For Colored Vinyl, Add	21.76	
			For Tinted Glass, Add	26.11	
			For Low-E Insulated Glass, Add	54.40	
			For Obscure Glass, Add	59.83	
08 53 13 00-0375	EA		>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	330.16	41.54
			For Colored Vinyl, Add	24.71	
			For Tinted Glass, Add	29.65	
			For Low-E Insulated Glass, Add	61.77	
			For Obscure Glass, Add	67.95	
08 53 13 00-0376	EA		>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	366.18	45.50
			For Colored Vinyl, Add	27.52	
			For Tinted Glass, Add	33.02	
			For Low-E Insulated Glass, Add	68.80	
			For Obscure Glass, Add	75.68	
08 53 13 00-0377	EA		>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	400.82	49.45
			For Colored Vinyl, Add	30.19	
			For Tinted Glass, Add	36.23	
			For Low-E Insulated Glass, Add	75.48	
			For Obscure Glass, Add	83.03	
08 53 13 00-0378	EA		>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	420.75	53.41
			For Colored Vinyl, Add	31.39	
			For Tinted Glass, Add	37.67	
			For Low-E Insulated Glass, Add	78.49	
			For Obscure Glass, Add	86.33	
08 53 13 00-0379	UI		>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	4.14	0.51
			For Colored Vinyl, Add	0.31	
			For Tinted Glass, Add	0.37	
			For Low-E Insulated Glass, Add	0.78	
			For Obscure Glass, Add	0.86	
08 53 13 00-0380			Horizontal Sliding Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0381			New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0380)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382			20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0383	EA		36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	160.15	38.77
			For Colored Vinyl, Add	8.34	
			For Tinted Glass, Add	10.01	
			For Low-E Insulated Glass, Add	20.85	
			For Obscure Glass, Add	22.94	
08 53 13 00-0384	EA		48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	177.82	43.51
			For Colored Vinyl, Add	9.16	
			For Tinted Glass, Add	10.99	
			For Low-E Insulated Glass, Add	22.90	
			For Obscure Glass, Add	25.18	
08 53 13 00-0385	EA		54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	186.66	45.50
			For Colored Vinyl, Add	9.57	
			For Tinted Glass, Add	11.48	
			For Low-E Insulated Glass, Add	23.92	
			For Obscure Glass, Add	26.31	
08 53 13 00-0386	EA		60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	195.49	47.87
			For Colored Vinyl, Add	9.98	
			For Tinted Glass, Add	11.97	
			For Low-E Insulated Glass, Add	24.94	
			For Obscure Glass, Add	27.43	
08 53 13 00-0387	EA		64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	201.38	49.85
			For Colored Vinyl, Add	10.25	
			For Tinted Glass, Add	12.30	
			For Low-E Insulated Glass, Add	25.62	
			For Obscure Glass, Add	28.18	
08 53 13 00-0388	EA		72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	213.17	52.61
			For Colored Vinyl, Add	10.79	
			For Tinted Glass, Add	12.95	
			For Low-E Insulated Glass, Add	26.99	
			For Obscure Glass, Add	29.68	
08 53 13 00-0389			24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0390	EA		36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	167.91	40.35
			For Colored Vinyl, Add	8.80	
			For Tinted Glass, Add	10.56	
			For Low-E Insulated Glass, Add	22.00	
			For Obscure Glass, Add	24.20	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0391	EA	48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	185.95	45.09
		<i>For Colored Vinyl, Add</i>	9.66	
		<i>For Tinted Glass, Add</i>	11.59	
		<i>For Low-E Insulated Glass, Add</i>	24.14	
		<i>For Obscure Glass, Add</i>	26.55	
08 53 13 00-0392	EA	54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	195.03	47.08
		<i>For Colored Vinyl, Add</i>	10.09	
		<i>For Tinted Glass, Add</i>	12.11	
		<i>For Low-E Insulated Glass, Add</i>	25.22	
		<i>For Obscure Glass, Add</i>	27.74	
08 53 13 00-0393	EA	60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	204.02	49.45
		<i>For Colored Vinyl, Add</i>	10.51	
		<i>For Tinted Glass, Add</i>	12.61	
		<i>For Low-E Insulated Glass, Add</i>	26.28	
		<i>For Obscure Glass, Add</i>	28.91	
08 53 13 00-0394	EA	64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	210.03	51.43
		<i>For Colored Vinyl, Add</i>	10.80	
		<i>For Tinted Glass, Add</i>	12.96	
		<i>For Low-E Insulated Glass, Add</i>	26.99	
		<i>For Obscure Glass, Add</i>	29.69	
08 53 13 00-0395	EA	72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.06	54.19
		<i>For Colored Vinyl, Add</i>	11.37	
		<i>For Tinted Glass, Add</i>	13.64	
		<i>For Low-E Insulated Glass, Add</i>	28.42	
		<i>For Obscure Glass, Add</i>	31.26	

08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)
(08 53 13 00-0381)

08 53 13 00-0397	EA	36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	191.33	45.09
		<i>For Colored Vinyl, Add</i>	10.19	
		<i>For Tinted Glass, Add</i>	12.23	
		<i>For Low-E Insulated Glass, Add</i>	25.48	
		<i>For Obscure Glass, Add</i>	28.03	
08 53 13 00-0398	EA	48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	210.58	49.85
		<i>For Colored Vinyl, Add</i>	11.17	
		<i>For Tinted Glass, Add</i>	13.40	
		<i>For Low-E Insulated Glass, Add</i>	27.92	
		<i>For Obscure Glass, Add</i>	30.71	
08 53 13 00-0399	EA	54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	220.22	51.82
		<i>For Colored Vinyl, Add</i>	11.66	
		<i>For Tinted Glass, Add</i>	13.99	
		<i>For Low-E Insulated Glass, Add</i>	29.14	
		<i>For Obscure Glass, Add</i>	32.06	
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	229.84	54.19
		<i>For Colored Vinyl, Add</i>	12.15	
		<i>For Tinted Glass, Add</i>	14.57	
		<i>For Low-E Insulated Glass, Add</i>	30.36	
		<i>For Obscure Glass, Add</i>	33.40	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	236.27	55.38
		<i>For Colored Vinyl, Add</i>	12.47	
		<i>For Tinted Glass, Add</i>	14.97	
		<i>For Low-E Insulated Glass, Add</i>	31.18	
		<i>For Obscure Glass, Add</i>	34.30	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	249.09	58.95
		<i>For Colored Vinyl, Add</i>	13.12	
		<i>For Tinted Glass, Add</i>	15.75	
		<i>For Low-E Insulated Glass, Add</i>	32.80	
		<i>For Obscure Glass, Add</i>	36.08	

08 53 13 00-0403 42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)
(08 53 13 00-0381)

08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	203.04	47.47
		<i>For Colored Vinyl, Add</i>	10.89	
		<i>For Tinted Glass, Add</i>	13.07	
		<i>For Low-E Insulated Glass, Add</i>	27.22	
		<i>For Obscure Glass, Add</i>	29.94	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.90	52.22
		<i>For Colored Vinyl, Add</i>	11.93	
		<i>For Tinted Glass, Add</i>	14.31	
		<i>For Low-E Insulated Glass, Add</i>	29.81	
		<i>For Obscure Glass, Add</i>	32.79	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	232.83	54.19
		<i>For Colored Vinyl, Add</i>	12.44	
		<i>For Tinted Glass, Add</i>	14.93	
		<i>For Low-E Insulated Glass, Add</i>	31.11	
		<i>For Obscure Glass, Add</i>	34.22	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	242.77	56.57
		<i>For Colored Vinyl, Add</i>	12.96	
		<i>For Tinted Glass, Add</i>	15.56	
		<i>For Low-E Insulated Glass, Add</i>	32.41	
		<i>For Obscure Glass, Add</i>	35.65	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	249.37	58.54
		<i>For Colored Vinyl, Add</i>	13.31	
		<i>For Tinted Glass, Add</i>	15.97	
		<i>For Low-E Insulated Glass, Add</i>	33.27	
		<i>For Obscure Glass, Add</i>	36.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0409	EA		72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	262.63	61.32
			For Colored Vinyl, Add	14.00	
			For Tinted Glass, Add	16.80	
			For Low-E Insulated Glass, Add	35.00	
			For Obscure Glass, Add	38.50	
08 53 13 00-0410			44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0411	EA		36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	206.94	48.26
			For Colored Vinyl, Add	11.12	
			For Tinted Glass, Add	13.35	
			For Low-E Insulated Glass, Add	27.80	
			For Obscure Glass, Add	30.58	
08 53 13 00-0412	EA		48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	227.01	53.01
			For Colored Vinyl, Add	12.18	
			For Tinted Glass, Add	14.61	
			For Low-E Insulated Glass, Add	30.45	
			For Obscure Glass, Add	33.49	
08 53 13 00-0413	EA		54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	237.04	54.99
			For Colored Vinyl, Add	12.71	
			For Tinted Glass, Add	15.25	
			For Low-E Insulated Glass, Add	31.77	
			For Obscure Glass, Add	34.94	
08 53 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	247.07	57.37
			For Colored Vinyl, Add	13.24	
			For Tinted Glass, Add	15.88	
			For Low-E Insulated Glass, Add	33.09	
			For Obscure Glass, Add	36.40	
08 53 13 00-0415	EA		64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	253.75	59.34
			For Colored Vinyl, Add	13.59	
			For Tinted Glass, Add	16.30	
			For Low-E Insulated Glass, Add	33.97	
			For Obscure Glass, Add	37.36	
08 53 13 00-0416	EA		72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	267.12	62.11
			For Colored Vinyl, Add	14.29	
			For Tinted Glass, Add	17.15	
			For Low-E Insulated Glass, Add	35.73	
			For Obscure Glass, Add	39.30	
08 53 13 00-0417			46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0418	EA		36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	210.84	49.05
			For Colored Vinyl, Add	11.35	
			For Tinted Glass, Add	13.62	
			For Low-E Insulated Glass, Add	28.38	
			For Obscure Glass, Add	31.22	
08 53 13 00-0419	EA		48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	231.10	53.80
			For Colored Vinyl, Add	12.43	
			For Tinted Glass, Add	14.91	
			For Low-E Insulated Glass, Add	31.07	
			For Obscure Glass, Add	34.18	
08 53 13 00-0420	EA		54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	241.24	55.78
			For Colored Vinyl, Add	12.97	
			For Tinted Glass, Add	15.56	
			For Low-E Insulated Glass, Add	32.42	
			For Obscure Glass, Add	35.66	
08 53 13 00-0421	EA		60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	251.35	58.15
			For Colored Vinyl, Add	13.51	
			For Tinted Glass, Add	16.21	
			For Low-E Insulated Glass, Add	33.76	
			For Obscure Glass, Add	37.14	
08 53 13 00-0422	EA		64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	258.12	60.13
			For Colored Vinyl, Add	13.87	
			For Tinted Glass, Add	16.64	
			For Low-E Insulated Glass, Add	34.66	
			For Obscure Glass, Add	38.13	
08 53 13 00-0423	EA		72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	271.63	62.90
			For Colored Vinyl, Add	14.58	
			For Tinted Glass, Add	17.50	
			For Low-E Insulated Glass, Add	36.46	
			For Obscure Glass, Add	40.10	
08 53 13 00-0424			48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		
08 53 13 00-0425	EA		36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	214.75	49.85
			For Colored Vinyl, Add	11.59	
			For Tinted Glass, Add	13.90	
			For Low-E Insulated Glass, Add	28.96	
			For Obscure Glass, Add	31.86	
08 53 13 00-0426	EA		48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	235.21	54.60
			For Colored Vinyl, Add	12.68	
			For Tinted Glass, Add	15.22	
			For Low-E Insulated Glass, Add	31.71	
			For Obscure Glass, Add	34.88	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 53 13 00-0427	EA	54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	245.45	56.57
		<i>For Colored Vinyl, Add</i>	13.23	
		<i>For Tinted Glass, Add</i>	15.88	
		<i>For Low-E Insulated Glass, Add</i>	33.08	
		<i>For Obscure Glass, Add</i>	36.39	
08 53 13 00-0428	EA	60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	255.66	58.95
		<i>For Colored Vinyl, Add</i>	13.78	
		<i>For Tinted Glass, Add</i>	16.53	
		<i>For Low-E Insulated Glass, Add</i>	34.45	
		<i>For Obscure Glass, Add</i>	37.89	
08 53 13 00-0429	EA	64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	262.49	60.92
		<i>For Colored Vinyl, Add</i>	14.14	
		<i>For Tinted Glass, Add</i>	16.97	
		<i>For Low-E Insulated Glass, Add</i>	35.36	
		<i>For Obscure Glass, Add</i>	38.90	
08 53 13 00-0430	EA	72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	276.15	63.69
		<i>For Colored Vinyl, Add</i>	14.88	
		<i>For Tinted Glass, Add</i>	17.85	
		<i>For Low-E Insulated Glass, Add</i>	37.19	
		<i>For Obscure Glass, Add</i>	40.91	
08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>				
08 53 13 00-0432	EA	36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	218.66	50.64
		<i>For Colored Vinyl, Add</i>	11.82	
		<i>For Tinted Glass, Add</i>	14.18	
		<i>For Low-E Insulated Glass, Add</i>	29.54	
		<i>For Obscure Glass, Add</i>	32.50	
08 53 13 00-0433	EA	48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	239.32	55.38
		<i>For Colored Vinyl, Add</i>	12.93	
		<i>For Tinted Glass, Add</i>	15.52	
		<i>For Low-E Insulated Glass, Add</i>	32.34	
		<i>For Obscure Glass, Add</i>	35.57	
08 53 13 00-0434	EA	54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	249.64	57.37
		<i>For Colored Vinyl, Add</i>	13.49	
		<i>For Tinted Glass, Add</i>	16.19	
		<i>For Low-E Insulated Glass, Add</i>	33.73	
		<i>For Obscure Glass, Add</i>	37.10	
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	259.97	59.73
		<i>For Colored Vinyl, Add</i>	14.05	
		<i>For Tinted Glass, Add</i>	16.86	
		<i>For Low-E Insulated Glass, Add</i>	35.13	
		<i>For Obscure Glass, Add</i>	38.64	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	266.87	61.72
		<i>For Colored Vinyl, Add</i>	14.42	
		<i>For Tinted Glass, Add</i>	17.31	
		<i>For Low-E Insulated Glass, Add</i>	36.06	
		<i>For Obscure Glass, Add</i>	39.66	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	280.64	64.48
		<i>For Colored Vinyl, Add</i>	15.17	
		<i>For Tinted Glass, Add</i>	18.20	
		<i>For Low-E Insulated Glass, Add</i>	37.92	
		<i>For Obscure Glass, Add</i>	41.71	
08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>				
08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	222.56	51.43
		<i>For Colored Vinyl, Add</i>	12.05	
		<i>For Tinted Glass, Add</i>	14.46	
		<i>For Low-E Insulated Glass, Add</i>	30.12	
		<i>For Obscure Glass, Add</i>	33.13	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	243.42	56.18
		<i>For Colored Vinyl, Add</i>	13.19	
		<i>For Tinted Glass, Add</i>	15.82	
		<i>For Low-E Insulated Glass, Add</i>	32.97	
		<i>For Obscure Glass, Add</i>	36.26	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	253.84	58.15
		<i>For Colored Vinyl, Add</i>	13.75	
		<i>For Tinted Glass, Add</i>	16.50	
		<i>For Low-E Insulated Glass, Add</i>	34.39	
		<i>For Obscure Glass, Add</i>	37.82	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	264.28	60.53
		<i>For Colored Vinyl, Add</i>	14.32	
		<i>For Tinted Glass, Add</i>	17.19	
		<i>For Low-E Insulated Glass, Add</i>	35.81	
		<i>For Obscure Glass, Add</i>	39.39	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	271.24	62.50
		<i>For Colored Vinyl, Add</i>	14.70	
		<i>For Tinted Glass, Add</i>	17.64	
		<i>For Low-E Insulated Glass, Add</i>	36.76	
		<i>For Obscure Glass, Add</i>	40.43	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	285.15	65.27
		<i>For Colored Vinyl, Add</i>	15.46	
		<i>For Tinted Glass, Add</i>	18.55	
		<i>For Low-E Insulated Glass, Add</i>	38.65	
		<i>For Obscure Glass, Add</i>	42.52	

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

08 53 13 00-0445			54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0446	EA		36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	226.46	52.22
			For Colored Vinyl, Add	12.28	
			For Tinted Glass, Add	14.74	
			For Low-E Insulated Glass, Add	30.70	
			For Obscure Glass, Add	33.77	
08 53 13 00-0447	EA		48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	247.52	56.96
			For Colored Vinyl, Add	13.44	
			For Tinted Glass, Add	16.13	
			For Low-E Insulated Glass, Add	33.60	
			For Obscure Glass, Add	36.95	
08 53 13 00-0448	EA		54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	258.05	58.95
			For Colored Vinyl, Add	14.02	
			For Tinted Glass, Add	16.82	
			For Low-E Insulated Glass, Add	35.04	
			For Obscure Glass, Add	38.55	
08 53 13 00-0449	EA		60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	268.59	61.32
			For Colored Vinyl, Add	14.60	
			For Tinted Glass, Add	17.51	
			For Low-E Insulated Glass, Add	36.49	
			For Obscure Glass, Add	40.14	
08 53 13 00-0450	EA		64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	275.61	63.30
			For Colored Vinyl, Add	14.98	
			For Tinted Glass, Add	17.98	
			For Low-E Insulated Glass, Add	37.45	
			For Obscure Glass, Add	41.20	
08 53 13 00-0451	EA		72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	289.65	66.06
			For Colored Vinyl, Add	15.75	
			For Tinted Glass, Add	18.90	
			For Low-E Insulated Glass, Add	39.38	
			For Obscure Glass, Add	43.32	
08 53 13 00-0452			60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0453	EA		36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	244.29	54.60
			For Colored Vinyl, Add	13.59	
			For Tinted Glass, Add	16.31	
			For Low-E Insulated Glass, Add	33.98	
			For Obscure Glass, Add	37.37	
08 53 13 00-0454	EA		48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	259.83	59.34
			For Colored Vinyl, Add	14.20	
			For Tinted Glass, Add	17.03	
			For Low-E Insulated Glass, Add	35.49	
			For Obscure Glass, Add	39.04	
08 53 13 00-0455	EA		54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	270.68	61.32
			For Colored Vinyl, Add	14.80	
			For Tinted Glass, Add	17.76	
			For Low-E Insulated Glass, Add	37.01	
			For Obscure Glass, Add	40.71	
08 53 13 00-0456	EA		60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	281.51	63.69
			For Colored Vinyl, Add	15.41	
			For Tinted Glass, Add	18.49	
			For Low-E Insulated Glass, Add	38.53	
			For Obscure Glass, Add	42.38	
08 53 13 00-0457	EA		64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	288.73	65.67
			For Colored Vinyl, Add	15.82	
			For Tinted Glass, Add	18.98	
			For Low-E Insulated Glass, Add	39.55	
			For Obscure Glass, Add	43.50	
08 53 13 00-0458	EA		72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	303.17	68.44
			For Colored Vinyl, Add	16.63	
			For Tinted Glass, Add	19.95	
			For Low-E Insulated Glass, Add	41.57	
			For Obscure Glass, Add	45.73	
08 53 13 00-0459			Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) <small>(08 53 13 00-0380)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460	EA		Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	239.40	41.54
			For Colored Vinyl, Add	15.63	
			For Tinted Glass, Add	18.76	
			For Low-E Insulated Glass, Add	39.08	
			For Obscure Glass, Add	42.99	
08 53 13 00-0461	EA		>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	262.99	45.50
			For Colored Vinyl, Add	17.20	
			For Tinted Glass, Add	20.64	
			For Low-E Insulated Glass, Add	43.00	
			For Obscure Glass, Add	47.30	
08 53 13 00-0462	EA		>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	285.19	49.45
			For Colored Vinyl, Add	18.63	
			For Tinted Glass, Add	22.35	
			For Low-E Insulated Glass, Add	46.57	
			For Obscure Glass, Add	51.23	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0463	EA >93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	302.15	53.41
	For Colored Vinyl, Add	19.53	
	For Tinted Glass, Add	23.44	
	For Low-E Insulated Glass, Add	48.84	
	For Obscure Glass, Add	53.72	
08 53 13 00-0464	EA >101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	319.87	57.37
	For Colored Vinyl, Add	20.52	
	For Tinted Glass, Add	24.62	
	For Low-E Insulated Glass, Add	51.29	
	For Obscure Glass, Add	56.42	
08 53 13 00-0465	EA >110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700)	346.44	61.32
	For Colored Vinyl, Add	22.38	
	For Tinted Glass, Add	26.86	
	For Low-E Insulated Glass, Add	55.95	
	For Obscure Glass, Add	61.55	
08 53 13 00-0466	UI >120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	2.89	0.51
	For Colored Vinyl, Add	0.19	
	For Tinted Glass, Add	0.22	
	For Low-E Insulated Glass, Add	0.47	
	For Obscure Glass, Add	0.51	
08 53 13 00-0467	Basement Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0468	New Construction, Basement Vinyl Windows (Silver Line 5900) <small>(08 53 13 00-0467)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469	EA 32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	146.19	31.64
	For Colored Vinyl, Add	8.29	
	For Tinted Glass, Add	9.95	
	For Low-E Insulated Glass, Add	20.72	
	For Obscure Glass, Add	22.79	
08 53 13 00-0470	EA 32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	155.86	31.64
	For Colored Vinyl, Add	9.26	
	For Tinted Glass, Add	11.11	
	For Low-E Insulated Glass, Add	23.14	
	For Obscure Glass, Add	25.45	
08 53 13 00-0471	EA 32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	161.39	31.64
	For Colored Vinyl, Add	9.81	
	For Tinted Glass, Add	11.77	
	For Low-E Insulated Glass, Add	24.52	
	For Obscure Glass, Add	26.97	
08 53 13 00-0472	Replacement, Basement Vinyl Windows <small>(08 53 13 00-0467)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA Up To 47" UI, Replacement, Basement Vinyl Window.....	179.15	30.86
	For Colored Vinyl, Add	11.74	
	For Tinted Glass, Add	14.09	
	For Low-E Insulated Glass, Add	29.36	
	For Obscure Glass, Add	32.29	
08 53 13 00-0474	EA >47" To 55" UI, Replacement, Basement Vinyl Window.....	200.38	35.60
	For Colored Vinyl, Add	12.92	
	For Tinted Glass, Add	15.50	
	For Low-E Insulated Glass, Add	32.29	
	For Obscure Glass, Add	35.52	
08 53 13 00-0475	UI >55" UI, Replacement, Basement Vinyl Window	3.38	0.51
	For Colored Vinyl, Add	0.24	
	For Tinted Glass, Add	0.28	
	For Low-E Insulated Glass, Add	0.59	
	For Obscure Glass, Add	0.65	
08 53 13 00-0476	Accessories For Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0477	Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0476)</small>		
08 53 13 00-0478	Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0479	EA Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	19.34	
08 53 13 00-0480	EA >9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	24.87	
08 53 13 00-0481	EA >18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	32.03	
08 53 13 00-0482	EA >24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	37.80	
08 53 13 00-0483	EA >36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows	46.47	
08 53 13 00-0484	Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0485	EA Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	43.96	
08 53 13 00-0486	EA >9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	52.75	
08 53 13 00-0487	EA >18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	66.56	
08 53 13 00-0488	EA >24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	82.89	
08 53 13 00-0489	EA >36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows	99.22	

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

08 53 66 Vinyl Window Screens (08 53)

08 53 66 00-0001	Insect Screens For Vinyl Windows (08 53 66)				
08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows	26.58		7.01
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows	34.11		7.01
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows	36.63		7.01
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows	41.65		7.01
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows	52.95		7.01
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows	57.98		7.01
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows	65.51		7.01
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows	70.54		7.01
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows	2.11		0.14

08 56 Special Function Windows (08 50)

08 56 19 Pass Windows (08 56)

08 56 19 00-0001	Bullet Resistant Pass Through Service Window, Steel Frame (08 56 19)				
08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,459.44		522.63
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	45.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	295.00		
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,678.43		566.18
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	60.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	370.00		
08 56 19 00-0004	EA	36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	2,829.96		609.73
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	70.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	445.00		
08 56 19 00-0005	EA	48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	3,507.69		696.83
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	100.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	650.00		
08 56 19 00-0006	EA	72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame	4,833.21		1,045.25
		For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	150.00		
		For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	975.00		

08 56 49 Radiation Shielding Windows (08 56)

08 56 49 00-0001	Lead Lined Window Frames (08 56 49)				
08 56 49 00-0002	LF	1/16" Lead Lined, 16 Gauge Telescoping Window Frame	28.07		5.93
08 56 49 00-0003	LF	1/8" Lead Lined, 16 Gauge Telescoping Window Frame	31.42		5.93

08 56 56 Security Window Screens (08 56)

Note: All security window screens include frame and mounting hardware. Operable security screens include hinges and related hardware.

08 56 56 00-0001	Wire Mesh Security Screen (08 56 56)				
08 56 56 00-0002	Wire Mesh, Inoperable, Security Window Screen (08 56 56 00-0001)				
08 56 56 00-0003	SF	13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	13.94		3.91
		For Painted Steel, Add	0.87		
		For Galvanized Steel, Add	1.74		
		For Aluminum, Add	3.49		
		For Stainless Steel, Add	15.26		
08 56 56 00-0004	SF	11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	14.19		3.91
		For Painted Steel, Add	0.90		
		For Galvanized Steel, Add	1.79		
		For Aluminum, Add	3.59		
		For Stainless Steel, Add	15.70		
08 56 56 00-0005	SF	9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	15.34		3.91
		For Painted Steel, Add	1.01		
		For Galvanized Steel, Add	2.02		
		For Aluminum, Add	4.05		
		For Stainless Steel, Add	17.71		
08 56 56 00-0006	SF	6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	17.80		3.91
		For Painted Steel, Add	1.26		
		For Galvanized Steel, Add	2.52		
		For Aluminum, Add	5.03		
		For Stainless Steel, Add	22.02		
08 56 56 00-0007	Wire Mesh, Operable, Security Window Screen (08 56 56 00-0001)				
08 56 56 00-0008	SF	13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.38		4.79
		For Painted Steel, Add	1.24		
		For Galvanized Steel, Add	2.48		
		For Aluminum, Add	4.97		
		For Stainless Steel, Add	21.74		
08 56 56 00-0009	SF	11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	19.76		4.79
		For Painted Steel, Add	1.28		
		For Galvanized Steel, Add	2.56		
		For Aluminum, Add	5.12		
		For Stainless Steel, Add	22.40		

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0010	SF		9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	21.41	4.79
			For Painted Steel, Add	1.45	
			For Galvanized Steel, Add	2.89	
			For Aluminum, Add	5.78	
			For Stainless Steel, Add	25.29	
08 56 56 00-0011	SF		6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	24.86	4.79
			For Painted Steel, Add	1.79	
			For Galvanized Steel, Add	3.58	
			For Aluminum, Add	7.16	
			For Stainless Steel, Add	31.33	
08 56 56 00-0012			Wire Cloth Security Screen (08 56 56) Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013			Wire Cloth, Inoperable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0014	SF		24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.56	2.62
			For Painted Steel, Add	0.26	
			For Galvanized Steel, Add	0.78	
			For Aluminum, Add	1.56	
			For Stainless Steel, Add	6.50	
08 56 56 00-0015	SF		22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	9.91	2.62
			For Painted Steel, Add	0.28	
			For Galvanized Steel, Add	0.83	
			For Aluminum, Add	1.67	
			For Stainless Steel, Add	6.94	
08 56 56 00-0016	SF		20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	10.46	2.62
			For Painted Steel, Add	0.31	
			For Galvanized Steel, Add	0.92	
			For Aluminum, Add	1.83	
			For Stainless Steel, Add	7.63	
08 56 56 00-0017	SF		18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	11.51	2.62
			For Painted Steel, Add	0.36	
			For Galvanized Steel, Add	1.07	
			For Aluminum, Add	2.15	
			For Stainless Steel, Add	8.94	
08 56 56 00-0018			Wire Cloth, Operable, Security Window Screens (08 56 56 00-0012)		
08 56 56 00-0019	SF		24 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	12.63	3.48
			For Painted Steel, Add	0.37	
			For Galvanized Steel, Add	1.11	
			For Aluminum, Add	2.22	
			For Stainless Steel, Add	9.26	
08 56 56 00-0020	SF		22 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	13.17	3.48
			For Painted Steel, Add	0.40	
			For Galvanized Steel, Add	1.19	
			For Aluminum, Add	2.39	
			For Stainless Steel, Add	9.94	
08 56 56 00-0021	SF		20 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	13.92	3.48
			For Painted Steel, Add	0.44	
			For Galvanized Steel, Add	1.31	
			For Aluminum, Add	2.61	
			For Stainless Steel, Add	10.88	
08 56 56 00-0022	SF		18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	15.42	3.48
			For Painted Steel, Add	0.51	
			For Galvanized Steel, Add	1.53	
			For Aluminum, Add	3.06	
			For Stainless Steel, Add	12.75	
08 56 56 00-0023			Expanded Metal Security Screen (08 56 56) Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024			Expanded Metal, Inoperable, Security Screen (08 56 56 00-0023)		
08 56 56 00-0025	SF		1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen.....	17.99	6.53
			For Painted Steel, Add	0.51	
			For Galvanized Steel, Add	1.52	
			For Aluminum, Add	3.05	
			For Stainless Steel, Add	12.69	
08 56 56 00-0026	SF		1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	21.18	7.84
			For Painted Steel, Add	0.58	
			For Galvanized Steel, Add	1.74	
			For Aluminum, Add	3.48	
			For Stainless Steel, Add	14.50	
08 56 56 00-0027	SF		3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	23.97	9.58
			For Painted Steel, Add	0.63	
			For Galvanized Steel, Add	1.90	
			For Aluminum, Add	3.80	
			For Stainless Steel, Add	15.81	
08 56 56 00-0028	SF		3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen.....	28.39	11.32
			For Painted Steel, Add	0.72	
			For Galvanized Steel, Add	2.17	
			For Aluminum, Add	4.34	
			For Stainless Steel, Add	18.06	
08 56 56 00-0029	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	26.46	10.89
			For Painted Steel, Add	0.67	
			For Galvanized Steel, Add	2.01	
			For Aluminum, Add	4.02	
			For Stainless Steel, Add	16.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0030	SF	3 LB/SF	Expanded Metal, Inoperable, Steel Security Window Screen.....	33.40	13.94
			For Painted Steel, Add	0.84	
			For Galvanized Steel, Add	2.53	
			For Aluminum, Add	5.06	
			For Stainless Steel, Add	21.06	
08 56 56 00-0031 Expanded Metal, Operable, Security Screen <small>(08 56 56 00-0023)</small>					
08 56 56 00-0032	SF	1/4" #18, Thickness 0.04"	Expanded Metal, Operable, Steel Security Window Screen.....	24.03	7.84
			For Painted Steel, Add	0.72	
			For Galvanized Steel, Add	2.17	
			For Aluminum, Add	4.34	
			For Stainless Steel, Add	18.06	
08 56 56 00-0033	SF	1/2" #13, Thickness 0.07"	Expanded Metal, Operable, Steel Security Window Screen.....	27.87	9.58
			For Painted Steel, Add	0.83	
			For Galvanized Steel, Add	2.48	
			For Aluminum, Add	4.97	
			For Stainless Steel, Add	20.69	
08 56 56 00-0034	SF	3/4" #13, Thickness 0.07"	Expanded Metal, Operable, Steel Security Window Screen.....	31.11	10.89
			For Painted Steel, Add	0.90	
			For Galvanized Steel, Add	2.71	
			For Aluminum, Add	5.42	
			For Stainless Steel, Add	22.56	
08 56 56 00-0035	SF	1-1/2" #9, Thickness 0.11"	Expanded Metal, Operable, Steel Security Window Screen	33.90	12.20
			For Painted Steel, Add	0.96	
			For Galvanized Steel, Add	2.87	
			For Aluminum, Add	5.73	
			For Stainless Steel, Add	23.88	
08 56 56 00-0036	SF	3/4" #9, Thickness 0.12"	Expanded Metal, Operable, Steel Security Window Screen.....	37.14	13.94
			For Painted Steel, Add	1.03	
			For Galvanized Steel, Add	3.09	
			For Aluminum, Add	6.18	
			For Stainless Steel, Add	25.74	
08 56 56 00-0037	SF	3 LB/SF	Expanded Metal, Operable, Steel Security Window Screen	42.30	15.25
			For Painted Steel, Add	1.20	
			For Galvanized Steel, Add	3.60	
			For Aluminum, Add	7.20	
			For Stainless Steel, Add	30.00	
08 56 56 00-0038 Perforated Metal Security Screen <small>(08 56 56)</small>					
08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen <small>(08 56 56 00-0038)</small>					
08 56 56 00-0040	SF	22 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.32	3.91
			For Painted Steel, Add	0.51	
			For Galvanized Steel, Add	1.52	
			For Aluminum, Add	3.03	
			For Stainless Steel, Add	10.10	
08 56 56 00-0041	SF	20 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	15.72	3.91
			For Painted Steel, Add	0.53	
			For Galvanized Steel, Add	1.58	
			For Aluminum, Add	3.15	
			For Stainless Steel, Add	10.50	
08 56 56 00-0042	SF	18 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	17.07	3.91
			For Painted Steel, Add	0.59	
			For Galvanized Steel, Add	1.78	
			For Aluminum, Add	3.56	
			For Stainless Steel, Add	11.85	
08 56 56 00-0043	SF	16 Gauge	Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	19.62	3.91
			For Painted Steel, Add	0.72	
			For Galvanized Steel, Add	2.16	
			For Aluminum, Add	4.32	
			For Stainless Steel, Add	14.40	
08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen <small>(08 56 56 00-0038)</small>					
08 56 56 00-0045	SF	22 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	21.31	4.79
			For Painted Steel, Add	0.72	
			For Galvanized Steel, Add	2.15	
			For Aluminum, Add	4.31	
			For Stainless Steel, Add	14.35	
08 56 56 00-0046	SF	20 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	22.01	4.79
			For Painted Steel, Add	0.75	
			For Galvanized Steel, Add	2.26	
			For Aluminum, Add	4.52	
			For Stainless Steel, Add	15.05	
08 56 56 00-0047	SF	18 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	23.76	4.79
			For Painted Steel, Add	0.84	
			For Galvanized Steel, Add	2.52	
			For Aluminum, Add	5.04	
			For Stainless Steel, Add	16.80	
08 56 56 00-0048	SF	16 Gauge	Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	27.41	4.79
			For Painted Steel, Add	1.02	
			For Galvanized Steel, Add	3.07	
			For Aluminum, Add	6.14	
			For Stainless Steel, Add	20.45	
08 56 56 00-0049 Remove And Reinstall Security Screens And Guards <small>(08 56 56)</small>					

08 Openings

08 50 Windows

08 56 Special Function Windows

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 56 56 00-0050 SF Remove And Reinstall Security Screens 10.95

08 60 Roof Windows And Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

08 63 Metal-Framed Skylights (08 63)

08 63 00 00-0001 Aluminum Framed Skylights (08 63)

08 63 00 00-0002 Fixed Dome, Aluminum Framed Skylights (08 63 00 00-0001)

08 63 00 00-0003 Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 00 00-0002)

08 63 00 00-0004 Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 00 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0005	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	278.66	77.84
08 63 00 00-0006	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	313.66	77.84
08 63 00 00-0007	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	416.13	87.56
08 63 00 00-0008	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	469.58	97.29
08 63 00 00-0009	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	331.66	77.84
08 63 00 00-0010	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	403.13	87.56
08 63 00 00-0011	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	425.13	87.56
08 63 00 00-0012	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	487.58	97.29
08 63 00 00-0013	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	565.04	107.02
08 63 00 00-0014	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	407.13	87.56
08 63 00 00-0015	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	450.58	97.29
08 63 00 00-0016	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	492.58	97.29
08 63 00 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	542.04	107.02
08 63 00 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	599.50	116.75
08 63 00 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	671.95	126.48
08 63 00 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	480.58	97.29
08 63 00 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	529.04	107.02
08 63 00 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	600.50	116.75
08 63 00 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	626.50	116.75
08 63 00 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	718.95	126.48

08 63 00 00-0025 Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights (08 63 00 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	328.66	77.84
08 63 00 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	362.66	77.84
08 63 00 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	455.13	87.56
08 63 00 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	509.58	97.29
08 63 00 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	367.66	77.84
08 63 00 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	431.13	87.56
08 63 00 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	455.13	87.56
08 63 00 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	521.58	97.29
08 63 00 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	585.04	107.02
08 63 00 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	435.13	87.56
08 63 00 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	482.58	97.29
08 63 00 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	509.58	97.29

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

08 63 00 00-0038	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	561.04	107.02
08 63 00 00-0039	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	609.50	116.75
08 63 00 00-0040	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	682.95	126.48
08 63 00 00-0041	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	513.58	97.29
08 63 00 00-0042	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	565.04	107.02
08 63 00 00-0043	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	621.50	116.75
08 63 00 00-0044	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	649.50	116.75
08 63 00 00-0045	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	733.95	126.48

08 63 00 00-0046 High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights ^(08 63 00 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0047	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	332.66	77.84
08 63 00 00-0048	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	370.66	77.84
08 63 00 00-0049	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	466.13	87.56
08 63 00 00-0050	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	377.66	77.84
08 63 00 00-0051	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	445.13	87.56
08 63 00 00-0052	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	466.13	87.56
08 63 00 00-0053	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	533.58	97.29
08 63 00 00-0054	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	444.13	87.56
08 63 00 00-0055	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	490.58	97.29
08 63 00 00-0056	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	522.58	97.29
08 63 00 00-0057	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	574.04	107.02
08 63 00 00-0058	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	625.50	116.75
08 63 00 00-0059	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	525.58	97.29
08 63 00 00-0060	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	581.04	107.02
08 63 00 00-0061	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	637.50	116.75
08 63 00 00-0062	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	665.50	116.75

08 63 00 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights ^(08 63 00 00-0003)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0064	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	339.66	77.84
08 63 00 00-0065	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	381.66	77.84
08 63 00 00-0066	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	476.13	87.56
08 63 00 00-0067	EA		27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	545.58	97.29
08 63 00 00-0068	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	387.66	77.84
08 63 00 00-0069	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	454.13	87.56
08 63 00 00-0070	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	476.13	87.56
08 63 00 00-0071	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	548.58	97.29
08 63 00 00-0072	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	455.13	87.56
08 63 00 00-0073	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	501.58	97.29
08 63 00 00-0074	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	536.58	97.29
08 63 00 00-0075	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	589.04	107.02
08 63 00 00-0076	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	641.50	116.75

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 63 00 00-0077	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	540.58	97.29
08 63 00 00-0078	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	596.04	107.02
08 63 00 00-0079	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	653.50	116.75
08 63 00 00-0080	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	683.50	116.75
08 63 00 00-0081		Curb Top Inserts <small>(08 63 00 00-0003)</small>		
		Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.		
08 63 00 00-0082		Single Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 00 00-0081)</small>		
08 63 00 00-0083	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	113.84	38.91
08 63 00 00-0084	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	152.56	43.78
08 63 00 00-0085	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	248.75	58.38
08 63 00 00-0086	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	230.02	53.51
08 63 00 00-0087	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert.....	276.75	58.38
08 63 00 00-0088		Double Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 00 00-0081)</small>		
08 63 00 00-0089	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	154.84	38.91
08 63 00 00-0090	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	231.56	43.78
08 63 00 00-0091	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	391.75	58.38
08 63 00 00-0092	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	382.02	53.51
08 63 00 00-0093	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	474.75	58.38
08 63 00 00-0094		Triple Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 00 00-0081)</small>		
08 63 00 00-0095	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	194.84	38.91
08 63 00 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	306.56	43.78
08 63 00 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	567.75	58.38
08 63 00 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	524.02	53.51
08 63 00 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert.....	658.75	58.38
08 63 00 00-0100		Pyramid Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 00 00-0002)</small>		
08 63 00 00-0101		Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 00 00-0100)</small>		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	260.66	77.84
08 63 00 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	303.66	77.84
08 63 00 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	379.13	87.56
08 63 00 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	469.58	97.29
08 63 00 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 00 00-0100)</small>		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	338.66	77.84
08 63 00 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	383.66	77.84
08 63 00 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	452.13	87.56
08 63 00 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	536.58	97.29
08 63 00 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 00 00-0002)</small>		
08 63 00 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 00 00-0111)</small>		
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 00 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	297.66	77.84
08 63 00 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	386.13	87.56
08 63 00 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	453.58	97.29
08 63 00 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	365.13	87.56
08 63 00 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	386.13	87.56
08 63 00 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	465.58	97.29

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

08 63 00 00-0119	EA		39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	544.04	107.02
08 63 00 00-0120	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	423.58	97.29
08 63 00 00-0121	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	453.58	97.29
08 63 00 00-0122	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	506.04	107.02
08 63 00 00-0123	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	555.50	116.75
08 63 00 00-0124	EA		52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	649.95	126.48
08 63 00 00-0125	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	518.04	107.02
08 63 00 00-0126	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	585.50	116.75
08 63 00 00-0127	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	616.50	116.75
08 63 00 00-0128	EA		63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	707.95	126.48

08 63 00 00-0129 Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 00 00-0111)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0130	EA		27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	331.66	77.84
08 63 00 00-0131	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	367.66	77.84
08 63 00 00-0132	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	460.13	87.56
08 63 00 00-0133	EA		39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	374.66	77.84
08 63 00 00-0134	EA		39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	420.13	87.56
08 63 00 00-0135	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	439.13	87.56
08 63 00 00-0136	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	460.13	87.56
08 63 00 00-0137	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	528.58	97.29
08 63 00 00-0138	EA		51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	440.13	87.56
08 63 00 00-0139	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	486.58	97.29
08 63 00 00-0140	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	516.58	97.29
08 63 00 00-0141	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	567.04	107.02
08 63 00 00-0142	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	617.50	116.75
08 63 00 00-0143	EA		63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	518.58	97.29
08 63 00 00-0144	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	574.04	107.02
08 63 00 00-0145	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	629.50	116.75
08 63 00 00-0146	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	656.50	116.75

08 63 00 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight (08 63 00 00-0111)

Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.

08 63 00 00-0148	EA		27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	364.66	77.84
08 63 00 00-0149	EA		27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	473.13	87.56
08 63 00 00-0150	EA		39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	450.13	87.56
08 63 00 00-0151	EA		39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	473.13	87.56
08 63 00 00-0152	EA		39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	544.58	97.29
08 63 00 00-0153	EA		51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	498.58	97.29
08 63 00 00-0154	EA		51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	531.58	97.29
08 63 00 00-0155	EA		51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	585.04	107.02
08 63 00 00-0156	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	633.50	116.75
08 63 00 00-0157	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	592.04	107.02
08 63 00 00-0158	EA		63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	649.50	116.75

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 63 00 00-0159	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	678.50	116.75
08 63 00 00-0160		Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0001)</small>		
08 63 00 00-0161		Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0160)</small> Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.		
08 63 00 00-0162		Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0161)</small>		
08 63 00 00-0163		10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0162)</small>		
08 63 00 00-0164	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,401.50	116.75
08 63 00 00-0165	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,310.50	116.75
08 63 00 00-0166	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,468.50	116.75
08 63 00 00-0167		25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0162)</small>		
08 63 00 00-0168	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,800.50	116.75
08 63 00 00-0169	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,713.50	116.75
08 63 00 00-0170	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,891.50	116.75
08 63 00 00-0171		30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0162)</small>		
08 63 00 00-0172	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,915.50	116.75
08 63 00 00-0173	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,826.50	116.75
08 63 00 00-0174	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,004.50	116.75
08 63 00 00-0175		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0161)</small>		
08 63 00 00-0176		10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0175)</small>		
08 63 00 00-0177	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,407.50	116.75
08 63 00 00-0178	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,316.50	116.75
08 63 00 00-0179	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,477.50	116.75
08 63 00 00-0180		25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0175)</small>		
08 63 00 00-0181	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,808.50	116.75
08 63 00 00-0182	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,719.50	116.75
08 63 00 00-0183	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,901.50	116.75
08 63 00 00-0184		30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 00 00-0175)</small>		
08 63 00 00-0185	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,921.50	116.75
08 63 00 00-0186	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	1,832.50	116.75
08 63 00 00-0187	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	2,014.50	116.75
08 63 00 00-0188		Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0001)</small> Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.		

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

08 63 00 00-0189	31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0188)</small>		
08 63 00 00-0190	EA 2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	742.33	155.66
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	491.13	
08 63 00 00-0191	EA 3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	780.12	159.55
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	491.91	
08 63 00 00-0192	EA 4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	816.90	163.44
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	492.69	
08 63 00 00-0193	EA 5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	867.68	167.34
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	493.47	
08 63 00 00-0194	EA 6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	912.46	171.24
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	494.25	
08 63 00 00-0195	EA 7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	949.25	175.13
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	495.03	
08 63 00 00-0196	EA 8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	986.03	179.02
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	495.80	
08 63 00 00-0197	EA 9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,044.81	182.91
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	496.58	
08 63 00 00-0198	EA 10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,081.59	186.80
	<i>For Class 3 Hail Rated, Add</i>	4.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
	<i>For FM Approved, Add</i>	20.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
	<i>For Single Blade Louver, Add</i>	497.36	

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 63 00 00-0199	EA	11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,119.38	190.69
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	498.14	
08 63 00 00-0200	EA	12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,156.16	194.58
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	498.92	
08 63 00 00-0201	EA	13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,214.94	198.48
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	499.69	
08 63 00 00-0202	EA	14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,251.73	202.37
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	500.47	
08 63 00 00-0203	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,288.52	206.26
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	501.25	
08 63 00 00-0204	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,325.30	210.15
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	502.03	
08 63 00 00-0205		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0188)</small>		
08 63 00 00-0206	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	877.33	155.66
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	491.13	
08 63 00 00-0207	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	928.12	159.55
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	491.91	
08 63 00 00-0208	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	978.90	163.44
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	492.69	

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

08 63 00 00-0209 EA 5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,029.68	167.34
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	493.47	
08 63 00 00-0210 EA 6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,110.46	171.24
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	494.25	
08 63 00 00-0211 EA 7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,161.25	175.13
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	495.03	
08 63 00 00-0212 EA 8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,212.03	179.02
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	495.80	
08 63 00 00-0213 EA 9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,292.81	182.91
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	496.58	
08 63 00 00-0214 EA 10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,343.59	186.80
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	497.36	
08 63 00 00-0215 EA 11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,394.38	190.69
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	498.14	
08 63 00 00-0216 EA 12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,445.16	194.58
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	498.92	
08 63 00 00-0217 EA 13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,525.94	198.48
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	499.69	
08 63 00 00-0218 EA 14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,576.73	202.37
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	500.47	

08 Openings**08 60 Roof Windows And Skylights****08 63 Metal-Framed Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 00 00-0219	EA		15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,627.52	206.26
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	501.25	
08 63 00 00-0220	EA		16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,678.30	210.15
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	502.03	
08 63 00 00-0221			55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 63 00 00-0188)</small>		
08 63 00 00-0222	EA		2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,149.25	175.13
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	495.03	
08 63 00 00-0223	EA		3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,219.03	179.02
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	495.80	
08 63 00 00-0224	EA		4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,289.81	182.91
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	496.58	
08 63 00 00-0225	EA		5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,359.59	186.80
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	497.36	
08 63 00 00-0226	EA		6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,469.38	190.69
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	498.14	
08 63 00 00-0227	EA		7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,539.16	194.58
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	498.92	
08 63 00 00-0228	EA		8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,608.94	198.48
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	499.69	

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

08 63 00 00-0229	EA		9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,719.73	202.37
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	50.47	
08 63 00 00-0230	EA		10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,789.52	206.26
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	501.25	
08 63 00 00-0231	EA		11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,859.30	210.15
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	502.03	
08 63 00 00-0232	EA		12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,929.08	214.04
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	502.81	
08 63 00 00-0233	EA		13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,038.86	217.93
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	503.59	
08 63 00 00-0234	EA		14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,108.65	221.82
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	504.37	
08 63 00 00-0235	EA		15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,179.43	225.71
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	505.14	
08 63 00 00-0236	EA		16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,249.21	229.61
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	505.92	

08 65 Wood-Framed Skylights (08 60)

08 65 00 00-0001	Wood-Framed Skylights (Andersen 400 Series) <small>(08 65)</small>				
08 65 00 00-0002	EA		16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	363.80	98.90
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	41.50	
			<i>For Aluminum Shingle Flashing, Add</i>	33.20	
08 65 00 00-0003	EA		16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	370.57	98.90
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	43.19	
			<i>For Aluminum Shingle Flashing, Add</i>	34.55	
08 65 00 00-0004	EA		24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	354.48	98.90
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	39.17	
			<i>For Aluminum Shingle Flashing, Add</i>	31.34	
08 65 00 00-0005	EA		24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	375.65	98.90
			<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	44.46	
			<i>For Aluminum Shingle Flashing, Add</i>	35.57	

08 Openings**08 60 Roof Windows And Skylights****08 65 Wood-Framed Skylights**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 65 00 00-0006	EA	24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	393.44	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	48.91	
		For Aluminum Shingle Flashing, Add	39.13	
08 65 00 00-0007	EA	24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	422.24	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	56.11	
		For Aluminum Shingle Flashing, Add	44.89	
08 65 00 00-0008	EA	24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	458.65	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	65.21	
		For Aluminum Shingle Flashing, Add	52.17	
08 65 00 00-0009	EA	27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	354.48	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	39.17	
		For Aluminum Shingle Flashing, Add	31.34	
08 65 00 00-0010	EA	28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	397.67	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	49.97	
		For Aluminum Shingle Flashing, Add	39.97	
08 65 00 00-0011	EA	28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	422.24	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	56.11	
		For Aluminum Shingle Flashing, Add	44.89	
08 65 00 00-0012	EA	28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	450.18	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	63.10	
		For Aluminum Shingle Flashing, Add	50.48	
08 65 00 00-0013	EA	28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	487.45	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	72.41	
		For Aluminum Shingle Flashing, Add	57.93	
08 65 00 00-0014	EA	38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	363.80	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	41.50	
		For Aluminum Shingle Flashing, Add	33.20	
08 65 00 00-0015	EA	38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	375.65	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	44.46	
		For Aluminum Shingle Flashing, Add	35.57	
08 65 00 00-0016	EA	38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	397.67	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	49.97	
		For Aluminum Shingle Flashing, Add	39.97	
08 65 00 00-0017	EA	44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	475.59	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	69.45	
		For Aluminum Shingle Flashing, Add	55.56	
08 65 00 00-0018	EA	46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	370.57	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	43.19	
		For Aluminum Shingle Flashing, Add	34.55	
08 65 00 00-0019	EA	46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	393.44	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	48.91	
		For Aluminum Shingle Flashing, Add	39.13	
08 65 00 00-0020	EA	46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	422.24	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	56.11	
		For Aluminum Shingle Flashing, Add	44.89	
08 65 00 00-0021	EA	46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series).....	475.59	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	69.45	
		For Aluminum Shingle Flashing, Add	55.56	
08 65 00 00-0022	EA	57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	422.24	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	56.11	
		For Aluminum Shingle Flashing, Add	44.89	
08 65 00 00-0023	EA	57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	450.18	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	63.10	
		For Aluminum Shingle Flashing, Add	50.48	
08 65 00 00-0024	EA	72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	458.65	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	65.21	
		For Aluminum Shingle Flashing, Add	52.17	
08 65 00 00-0025	EA	72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	487.45	98.90
		For Tempered Laminated Low-E Insulated Glass, Add	72.41	
		For Aluminum Shingle Flashing, Add	57.93	

08 70 Hardware (08)**08 71 Door Hardware** (08 70)**08 71 13 Automatic Door Operators** (08 71)**08 71 13 00-0001 Automatic Door Operators (LCN)** (08 71 13)

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Pull Arm (LCN 9531).....	2,077.50
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount ADA Door Operator With Push Arm (LCN 9542).....	2,077.50
		Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.	

08 71 16 Door Hardware (08 71)

Note: All hardware is Yale ANSI/BHMA Grade 1 unless otherwise noted.

08 71 16 00-0001 Hinges (08 71 16)

Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs.

08 71 16 00-0002 Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0001)

Note: US26D (BHMA 626) satin chrome finish.

08 71 16 00-0003 Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002)

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0004	PR		3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	57.18 3.91 6.00	5.54
08 71 16 00-0005	PR		4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	62.68 4.35 6.00	7.91
08 71 16 00-0006	PR		4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	71.17 3.63 6.00	8.70
08 71 16 00-0007			Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0008	PR		3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	65.64 5.01 6.00	5.54
08 71 16 00-0009	PR		4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	75.34 5.01 6.00	7.91
08 71 16 00-0010	PR		4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	76.82 4.43 6.00	8.70
08 71 16 00-0011	PR		5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	89.74 5.18 6.00	10.29
08 71 16 00-0012	PR		5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	90.30 5.26 6.00	10.29
08 71 16 00-0013	PR		6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	96.74 6.16 6.00	13.21
08 71 16 00-0014			Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0015	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	74.26 14.12 6.00	5.54
08 71 16 00-0016	PR		4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	83.96 15.67 6.00	7.91
08 71 16 00-0017	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	86.20 6.05 6.00	8.70
08 71 16 00-0018	PR		5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	100.08 14.62 6.00	10.29
08 71 16 00-0019			Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0020	PR		4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	146.07 14.12 6.00	8.70
08 71 16 00-0021	PR		5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	164.68 15.67 6.00	10.29
08 71 16 00-0022	PR		5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	95.92 6.05 6.00	10.29
08 71 16 00-0023			Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges (08 71 16 00-0002) Note: Mortised into the edge of the door and surface applied to the face of the frame.		
08 71 16 00-0024	PR		4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	133.17 12.31 6.00	8.70
08 71 16 00-0025	PR		5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	157.14 14.62 6.00	10.29
08 71 16 00-0026			Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge (08 71 16 00-0002) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0027	PR		4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	95.15 6.99 6.00	8.70
08 71 16 00-0028	PR		5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	110.00 8.02 6.00	13.21
08 71 16 00-0029	PR		6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	149.76 13.58 6.00	13.21
08 71 16 00-0030			Mortised, Wrought Steel Hinges (08 71 16 00-0001) Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
08 71 16 00-0031			Full Mortise, Plain Bearing, Wrought Steel Hinges (08 71 16 00-0030) Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	35.78	5.54
		<i>For Primed For Paint Finish, Deduct</i>	-1.18	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.74	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.71	
		<i>For Stainless Steel, Add</i>	3.26	
		<i>For Heavy Duty, Add</i>	0.89	
		<i>For Extra Heavy Duty, Add</i>	2.37	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	46.09	7.91
		<i>For Primed For Paint Finish, Deduct</i>	-1.31	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.82	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.78	
		<i>For Stainless Steel, Add</i>	3.59	
		<i>For Heavy Duty, Add</i>	0.98	
		<i>For Extra Heavy Duty, Add</i>	2.61	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	53.17	8.70
		<i>For Primed For Paint Finish, Deduct</i>	-1.59	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.00	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.96	
		<i>For Stainless Steel, Add</i>	4.38	
		<i>For Heavy Duty, Add</i>	1.19	
		<i>For Extra Heavy Duty, Add</i>	3.18	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	

08 71 16 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 16 00-0030)

Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0036	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	51.43	5.54
		<i>For Primed For Paint Finish, Deduct</i>	-4.31	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	2.70	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.59	
		<i>For Stainless Steel, Add</i>	11.86	
		<i>For Heavy Duty, Add</i>	3.24	
		<i>For Extra Heavy Duty, Add</i>	8.63	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0037	PR	4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	63.98	7.91
		<i>For Primed For Paint Finish, Deduct</i>	-4.88	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	3.05	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.93	
		<i>For Stainless Steel, Add</i>	13.43	
		<i>For Heavy Duty, Add</i>	3.66	
		<i>For Extra Heavy Duty, Add</i>	9.77	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0038	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	59.86	8.70
		<i>For Primed For Paint Finish, Deduct</i>	-2.93	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.83	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.76	
		<i>For Stainless Steel, Add</i>	8.06	
		<i>For Heavy Duty, Add</i>	2.20	
		<i>For Extra Heavy Duty, Add</i>	5.86	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0039	PR	5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	88.45	10.29
		<i>For Primed For Paint Finish, Deduct</i>	-7.14	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.46	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.29	
		<i>For Stainless Steel, Add</i>	19.64	
		<i>For Heavy Duty, Add</i>	5.36	
		<i>For Extra Heavy Duty, Add</i>	14.28	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0040	PR	5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	93.49	10.29
		<i>For Primed For Paint Finish, Deduct</i>	-8.15	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.09	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.89	
		<i>For Stainless Steel, Add</i>	22.41	
		<i>For Heavy Duty, Add</i>	6.11	
		<i>For Extra Heavy Duty, Add</i>	16.30	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0041	PR	6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	108.85	10.29
		<i>For Primed For Paint Finish, Deduct</i>	-11.22	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	7.01	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-6.73	
		<i>For Stainless Steel, Add</i>	30.86	
		<i>For Heavy Duty, Add</i>	8.42	
		<i>For Extra Heavy Duty, Add</i>	22.44	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	

08 71 16 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges (08 71 16 00-0030)

Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.

08 71 16 00-0043	PR	3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	60.47	5.54
		<i>For Primed For Paint Finish, Deduct</i>	-6.12	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	3.83	
		<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-3.67	
		<i>For Stainless Steel, Add</i>	16.84	
		<i>For Heavy Duty, Add</i>	4.59	
		<i>For Extra Heavy Duty, Add</i>	12.24	
		<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0044	PR		4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	74.25	7.91
			<i>For Primed For Paint Finish, Deduct</i>	-6.94	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.34	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.16	
			<i>For Stainless Steel, Add</i>	19.08	
			<i>For Heavy Duty, Add</i>	5.20	
			<i>For Extra Heavy Duty, Add</i>	13.88	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0045	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	83.98	8.70
			<i>For Primed For Paint Finish, Deduct</i>	-7.75	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	4.85	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-4.65	
			<i>For Stainless Steel, Add</i>	21.32	
			<i>For Heavy Duty, Add</i>	5.82	
			<i>For Extra Heavy Duty, Add</i>	15.51	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0046	PR		5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	95.59	10.29
			<i>For Primed For Paint Finish, Deduct</i>	-8.57	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.36	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.14	
			<i>For Stainless Steel, Add</i>	23.57	
			<i>For Heavy Duty, Add</i>	6.43	
			<i>For Extra Heavy Duty, Add</i>	17.14	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0047			Half Surface, Ball Bearing, Wrought Steel Hinges <small>(08 71 16 00-0030)</small>		
			Note: Surface mounted to the face of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0048	PR		4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	83.43	8.70
			<i>For Primed For Paint Finish, Deduct</i>	-8.77	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	5.48	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.26	
			<i>For Stainless Steel, Add</i>	24.13	
			<i>For Heavy Duty, Add</i>	6.58	
			<i>For Extra Heavy Duty, Add</i>	17.55	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0049	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	93.75	8.70
			<i>For Primed For Paint Finish, Deduct</i>	-9.71	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	6.07	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-5.82	
			<i>For Stainless Steel, Add</i>	26.70	
			<i>For Heavy Duty, Add</i>	7.28	
			<i>For Extra Heavy Duty, Add</i>	19.42	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0050	PR		5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	108.85	10.29
			<i>For Primed For Paint Finish, Deduct</i>	-11.22	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	7.01	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-6.73	
			<i>For Stainless Steel, Add</i>	30.86	
			<i>For Heavy Duty, Add</i>	8.42	
			<i>For Extra Heavy Duty, Add</i>	22.44	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0051			Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges <small>(08 71 16 00-0030)</small>		
			Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 16 00-0052	PR		4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	60.34	8.70
			<i>For Primed For Paint Finish, Deduct</i>	-3.03	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.89	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.82	
			<i>For Stainless Steel, Add</i>	8.32	
			<i>For Heavy Duty, Add</i>	2.27	
			<i>For Extra Heavy Duty, Add</i>	6.05	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0053			Blank Butt Hinges <small>(08 71 16 00-0030)</small>		
08 71 16 00-0054	PR		3.5" x 3.5" To 5" x 5", Blank Butt With Screws, Steel Hinge	16.08	3.56
			<i>For Primed For Paint Finish, Deduct</i>	-0.39	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	0.24	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-0.23	
			<i>For Stainless Steel, Add</i>	1.06	
			<i>For Heavy Duty, Add</i>	0.29	
			<i>For Extra Heavy Duty, Add</i>	0.77	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 16 00-0055			Full Mortise, Single Acting Spring, Wrought Steel Hinges <small>(08 71 16 00-0030)</small>		
			Note: Mortised into the edge of the door and mortised into the rabbet edge of the frame.		
08 71 16 00-0056	PR		3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge	44.31	5.54
			<i>For Primed For Paint Finish, Deduct</i>	-2.89	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.81	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.73	
			<i>For Stainless Steel, Add</i>	7.95	
08 71 16 00-0057	PR		4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	58.46	7.91
			<i>For Primed For Paint Finish, Deduct</i>	-3.78	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	2.36	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-2.27	
			<i>For Stainless Steel, Add</i>	10.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0058	PR 4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i>	73.01 -5.56 3.48 -3.34 15.29	8.70
08 71 16 00-0059	Offset And Pivot Hinges (08 71 16 00-0001) Note: Satin chrome plated, US26D.		
08 71 16 00-0060	Offset Swing Clear Hinges (08 71 16 00-0059) Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 16 00-0061	EA 4-1/2", Swing Clear, Offset Hinges <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	48.88 7.41 11.94	2.47
08 71 16 00-0062	Offset Pivot Hinges (08 71 16 00-0059)		
08 71 16 00-0063	3/4" Offset Pivot Hinges (08 71 16 00-0062)		
08 71 16 00-0064	3/4" Offset Pivot Hinges (08 71 16 00-0063)		
08 71 16 00-0065	Top Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0064)		
08 71 16 00-0066	200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0065)		
08 71 16 00-0067	EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	79.72	7.91
08 71 16 00-0068	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	105.86	7.91
08 71 16 00-0069	EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	120.38	7.91
08 71 16 00-0070	EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	120.38	7.91
08 71 16 00-0071	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top)	120.38	7.91
08 71 16 00-0072	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	120.38	7.91
08 71 16 00-0073	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	120.38	7.91
08 71 16 00-0074	EA Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	87.27	7.91
08 71 16 00-0075	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	109.93	7.91
08 71 16 00-0076	EA Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	125.03	7.91
08 71 16 00-0077	EA Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	125.03	7.91
08 71 16 00-0078	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	125.03	7.91
08 71 16 00-0079	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	125.03	7.91
08 71 16 00-0080	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top)	125.03	7.91
08 71 16 00-0081	EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	79.72	7.91
08 71 16 00-0082	EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	105.86	7.91
08 71 16 00-0083	EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	120.38	7.91
08 71 16 00-0084	EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	120.38	7.91
08 71 16 00-0085	EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	120.38	7.91
08 71 16 00-0086	EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top)	120.38	7.91
08 71 16 00-0087	EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	120.38	7.91
08 71 16 00-0088	500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0065)		
08 71 16 00-0089	EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	83.67	9.89
08 71 16 00-0090	EA Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	109.81	9.89
08 71 16 00-0091	EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	124.33	9.89
08 71 16 00-0092	EA Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	124.33	9.89
08 71 16 00-0093	EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top)	124.33	9.89
08 71 16 00-0094	EA Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	124.33	9.89
08 71 16 00-0095	EA Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	124.33	9.89
08 71 16 00-0096	600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0065)		
08 71 16 00-0097	EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	83.67	9.89
08 71 16 00-0098	EA Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	109.81	9.89
08 71 16 00-0099	EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	124.33	9.89
08 71 16 00-0100	EA Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	124.33	9.89
08 71 16 00-0101	EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	124.33	9.89
08 71 16 00-0102	EA Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top)	124.33	9.89
08 71 16 00-0103	EA Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	124.33	9.89
08 71 16 00-0104	700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0065)		
08 71 16 00-0105	EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	83.67	9.89
08 71 16 00-0106	EA Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	109.81	9.89
08 71 16 00-0107	EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	124.33	9.89
08 71 16 00-0108	EA Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	124.33	9.89
08 71 16 00-0109	EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	124.33	9.89
08 71 16 00-0110	EA Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top)	124.33	9.89
08 71 16 00-0111	EA Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	124.33	9.89
08 71 16 00-0112	Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0064)		
08 71 16 00-0113	200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0112)		
08 71 16 00-0114	EA Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	98.30	7.91
08 71 16 00-0115	EA Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	120.38	7.91

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 71 16 00-0178	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	124.33		9.89
08 71 16 00-0179	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	131.88		9.89
08 71 16 00-0180	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	131.88		9.89
08 71 16 00-0181	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	131.88		9.89
08 71 16 00-0182	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	131.88		9.89
08 71 16 00-0183	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM)	131.88		9.89
08 71 16 00-0184		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 16 00-0145)			
08 71 16 00-0185	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	255.59		9.89
08 71 16 00-0186	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	274.18		9.89
08 71 16 00-0187	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	303.81		9.89
08 71 16 00-0188	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	303.81		9.89
08 71 16 00-0189	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	303.81		9.89
08 71 16 00-0190	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	303.81		9.89
08 71 16 00-0191	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM)	303.81		9.89
08 71 16 00-0192		Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0063)			
08 71 16 00-0193		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0192)			
08 71 16 00-0194		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0193)			
08 71 16 00-0195	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	153.96		9.89
08 71 16 00-0196	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	181.25		9.89
08 71 16 00-0197	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	203.32		9.89
08 71 16 00-0198	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	203.32		9.89
08 71 16 00-0199	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top)	203.32		9.89
08 71 16 00-0200		600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0193)			
08 71 16 00-0201	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	153.96		9.89
08 71 16 00-0202	EA	Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	181.25		9.89
08 71 16 00-0203	EA	Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	203.32		9.89
08 71 16 00-0204	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	203.32		9.89
08 71 16 00-0205	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top)	203.32		9.89
08 71 16 00-0206		700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0193)			
08 71 16 00-0207	EA	Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	153.96		9.89
08 71 16 00-0208	EA	Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	181.25		9.89
08 71 16 00-0209	EA	Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	203.32		9.89
08 71 16 00-0210	EA	Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	203.32		9.89
08 71 16 00-0211	EA	Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top)	203.32		9.89
08 71 16 00-0212		1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0193)			
08 71 16 00-0213	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	162.56		11.87
08 71 16 00-0214	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	185.21		11.87
08 71 16 00-0215	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	195.67		11.87
08 71 16 00-0216	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	195.67		11.87
08 71 16 00-0217	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top)	195.67		11.87
08 71 16 00-0218		1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0193)			
08 71 16 00-0219	EA	Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	162.56		11.87
08 71 16 00-0220	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	185.21		11.87
08 71 16 00-0221	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	195.67		11.87
08 71 16 00-0222	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top)	195.67		11.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0223	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	195.67	11.87
08 71 16 00-0224			Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0192)		
08 71 16 00-0225			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0224)		
08 71 16 00-0226	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	158.60	9.89
08 71 16 00-0227	EA		Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	184.15	9.89
08 71 16 00-0228	EA		Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	191.71	9.89
08 71 16 00-0229	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	191.71	9.89
08 71 16 00-0230	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	191.71	9.89
08 71 16 00-0231			600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0224)		
08 71 16 00-0232	EA		Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	158.60	9.89
08 71 16 00-0233	EA		Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	184.15	9.89
08 71 16 00-0234	EA		Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	191.71	9.89
08 71 16 00-0235	EA		Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	191.71	9.89
08 71 16 00-0236	EA		Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT).....	191.71	9.89
08 71 16 00-0237			700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0224)		
08 71 16 00-0238	EA		Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	158.60	9.89
08 71 16 00-0239	EA		Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	184.15	9.89
08 71 16 00-0240	EA		Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	191.71	9.89
08 71 16 00-0241	EA		Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	191.71	9.89
08 71 16 00-0242	EA		Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT).....	191.71	9.89
08 71 16 00-0243			1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0224)		
08 71 16 00-0244	EA		Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	177.66	11.87
08 71 16 00-0245	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	203.79	11.87
08 71 16 00-0246	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	210.76	11.87
08 71 16 00-0247	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	210.76	11.87
08 71 16 00-0248	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT).....	210.76	11.87
08 71 16 00-0249			1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0224)		
08 71 16 00-0250	EA		Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	177.66	11.87
08 71 16 00-0251	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	203.79	11.87
08 71 16 00-0252	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	210.76	11.87
08 71 16 00-0253	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	210.76	11.87
08 71 16 00-0254	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT).....	210.76	11.87
08 71 16 00-0255			Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0192)		
08 71 16 00-0256			500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0255)		
08 71 16 00-0257	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	176.61	9.89
08 71 16 00-0258	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	217.85	9.89
08 71 16 00-0259	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	233.53	9.89

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 16 00-0260	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	233.53		9.89
08 71 16 00-0261	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	233.53		9.89
08 71 16 00-0262		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0255)			
08 71 16 00-0263	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	173.70		9.89
08 71 16 00-0264	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	184.15		9.89
08 71 16 00-0265	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	210.88		9.89
08 71 16 00-0266	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	210.88		9.89
08 71 16 00-0267	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	210.88		9.89
08 71 16 00-0268		1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0255)			
08 71 16 00-0269	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	199.73		11.87
08 71 16 00-0270	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	221.81		11.87
08 71 16 00-0271	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	229.93		11.87
08 71 16 00-0272	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	229.93		11.87
08 71 16 00-0273	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	229.93		11.87
08 71 16 00-0274		1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 16 00-0255)			
08 71 16 00-0275	EA	Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	281.63		11.87
08 71 16 00-0276	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	300.22		11.87
08 71 16 00-0277	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	307.77		11.87
08 71 16 00-0278	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	307.77		11.87
08 71 16 00-0279	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	307.77		11.87
08 71 16 00-0280		1-1/2" Offset Pivot Hinges (08 71 16 00-0062)			
08 71 16 00-0281		Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0280)			
08 71 16 00-0282		Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0281)			
08 71 16 00-0283		400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0282)			
08 71 16 00-0284	EA	Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	181.25		9.89
08 71 16 00-0285	EA	Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	195.77		9.89
08 71 16 00-0286	EA	Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	206.80		9.89
08 71 16 00-0287	EA	Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	206.80		9.89
08 71 16 00-0288	EA	Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	206.80		9.89
08 71 16 00-0289		500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0282)			
08 71 16 00-0290	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	181.25		9.89
08 71 16 00-0291	EA	Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	195.77		9.89
08 71 16 00-0292	EA	Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	206.80		9.89
08 71 16 00-0293	EA	Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	206.80		9.89
08 71 16 00-0294	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	206.80		9.89
08 71 16 00-0295		Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0281)			
08 71 16 00-0296		400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 16 00-0295)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0297	EA		Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	188.22	9.89
08 71 16 00-0298	EA		Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	210.88	9.89
08 71 16 00-0299	EA		Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	221.91	9.89
08 71 16 00-0300	EA		Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	221.91	9.89
08 71 16 00-0301	EA		Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	221.91	9.89
08 71 16 00-0302			500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0295)</small>		
08 71 16 00-0303	EA		Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	188.22	9.89
08 71 16 00-0304	EA		Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	210.88	9.89
08 71 16 00-0305	EA		Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	221.91	9.89
08 71 16 00-0306	EA		Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	221.91	9.89
08 71 16 00-0307	EA		Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT).....	221.91	9.89
08 71 16 00-0308			Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0281)</small>		
08 71 16 00-0309			400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0308)</small>		
08 71 16 00-0310	EA		Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	184.15	9.89
08 71 16 00-0311	EA		Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	210.88	9.89
08 71 16 00-0312	EA		Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	221.91	9.89
08 71 16 00-0313	EA		Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	221.91	9.89
08 71 16 00-0314	EA		Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM).....	221.91	9.89
08 71 16 00-0315			500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 16 00-0308)</small>		
08 71 16 00-0316	EA		Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	296.26	9.89
08 71 16 00-0317	EA		Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	326.46	9.89
08 71 16 00-0318	EA		Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	334.01	9.89
08 71 16 00-0319	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	334.01	9.89
08 71 16 00-0320	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM).....	334.01	9.89
08 71 16 00-0321			Center Hung Pivot Hinges <small>(08 71 16 00-0059)</small>		
08 71 16 00-0322			Top Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0321)</small>		
08 71 16 00-0323			300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0322)</small>		
08 71 16 00-0324	EA		Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	94.82	7.91
08 71 16 00-0325	EA		Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0326	EA		Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0327	EA		Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0328	EA		Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0329	EA		Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0330	EA		Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top).....	102.38	7.91
08 71 16 00-0331			500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0322)</small>		
08 71 16 00-0332	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	98.77	9.89
08 71 16 00-0333	EA		Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0334	EA		Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0335	EA		Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0336	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0337	EA		Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0338	EA		Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top).....	106.33	9.89
08 71 16 00-0339			600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0322)</small>		
08 71 16 00-0340	EA		Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	98.77	9.89
08 71 16 00-0341	EA		Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	106.33	9.89
08 71 16 00-0342	EA		Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	106.33	9.89
08 71 16 00-0343	EA		Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	106.33	9.89
08 71 16 00-0344	EA		Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top).....	106.33	9.89

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-0345	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	106.33	9.89
08 71 16 00-0346	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	106.33	9.89
08 71 16 00-0347		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0322)</small>		
08 71 16 00-0348	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	155.00	11.87
08 71 16 00-0349	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	180.57	11.87
08 71 16 00-0350	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	207.28	11.87
08 71 16 00-0351	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	207.28	11.87
08 71 16 00-0352	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	207.28	11.87
08 71 16 00-0353	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	207.28	11.87
08 71 16 00-0354	EA	Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	207.28	11.87
08 71 16 00-0355		Bottom Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0321)</small>		
08 71 16 00-0356		300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0355)</small>		
08 71 16 00-0357	EA	Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	72.75	7.91
08 71 16 00-0358	EA	Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	83.79	7.91
08 71 16 00-0359	EA	Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	94.82	7.91
08 71 16 00-0360	EA	Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	94.82	7.91
08 71 16 00-0361	EA	Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	94.82	7.91
08 71 16 00-0362	EA	Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	94.82	7.91
08 71 16 00-0363	EA	Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM)	94.82	7.91
08 71 16 00-0364		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 16 00-0355)</small>		
08 71 16 00-0365	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	106.33	9.89
08 71 16 00-0366	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0367	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0368	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0369	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0370	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0371	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM)	109.81	9.89
08 71 16 00-0372	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	106.33	9.89
08 71 16 00-0373	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0374	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0375	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0376	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0377	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0378	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM)	109.81	9.89
08 71 16 00-0379		600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0355)</small>		
08 71 16 00-0380	EA	Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	210.88	9.89
08 71 16 00-0381	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	221.91	9.89
08 71 16 00-0382	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	233.53	9.89
08 71 16 00-0383	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	233.53	9.89
08 71 16 00-0384	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	233.53	9.89
08 71 16 00-0385	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	233.53	9.89
08 71 16 00-0386	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM)	233.53	9.89
08 71 16 00-0387		1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges <small>(08 71 16 00-0355)</small>		
08 71 16 00-0388	EA	Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	386.18	11.87
08 71 16 00-0389	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	397.21	11.87
08 71 16 00-0390	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	412.32	11.87
08 71 16 00-0391	EA	Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	412.32	11.87
08 71 16 00-0392	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	412.32	11.87
08 71 16 00-0393	EA	Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM)	412.32	11.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0394	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	412.32	11.87
08 71 16 00-0395			Continuous Steel Hinges (08 71 16 00-0001)		
08 71 16 00-0396	LF		1-1/2" Wide, Continuous Steel Hinge.....	14.75	3.16
			For Stainless Steel, Add	1.15	
			For Brass Or Nickel, Add	1.25	
			For Aluminum, Add	0.41	
			For Medium Gauge, Deduct	-0.42	
08 71 16 00-0397	LF		2" Wide, Continuous Steel Hinge.....	14.89	3.16
			For Stainless Steel, Add	1.23	
			For Brass Or Nickel, Add	1.34	
			For Aluminum, Add	0.44	
			For Medium Gauge, Deduct	-0.45	
08 71 16 00-0398	LF		2-1/2" Wide, Continuous Steel Hinge.....	15.16	3.16
			For Stainless Steel, Add	1.38	
			For Brass Or Nickel, Add	1.50	
			For Aluminum, Add	0.49	
			For Medium Gauge, Deduct	-0.50	
08 71 16 00-0399	LF		3" Wide, Continuous Steel Hinge.....	15.48	3.16
			For Stainless Steel, Add	1.55	
			For Brass Or Nickel, Add	1.69	
			For Aluminum, Add	0.55	
			For Medium Gauge, Deduct	-0.56	
08 71 16 00-0400			Continuous Geared Hinges (08 71 16 00-0001)		
08 71 16 00-0401	LF		Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053).....	33.97	3.16
			For Bronze Finish, Add	7.99	
			For Heavy Duty, Add	5.69	
08 71 16 00-0402	LF		Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057).....	36.47	3.16
			For Bronze Finish, Add	8.93	
			For Heavy Duty, Add	6.36	
08 71 16 00-0403	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112).....	23.99	3.16
			For Bronze Finish, Add	4.25	
08 71 16 00-0404	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD).....	27.60	3.16
			For Bronze Finish, Add	5.60	
08 71 16 00-0405			Mortised, Primed Steel, Double Acting Spring Hinges (08 71 16 00-0001)		
08 71 16 00-0406	PR		2", Mortised, Primed Steel, Double Acting Spring Hinge	74.45	5.54
			For Satin Brass, Add	11.22	
08 71 16 00-0407	PR		3", Mortised, Primed Steel, Double Acting Spring Hinge	82.37	7.12
			For Satin Brass, Add	11.22	
08 71 16 00-0408	PR		4", Mortised, Primed Steel, Double Acting Spring Hinge	92.83	8.70
			For Satin Brass, Add	11.84	
08 71 16 00-0409	PR		5", Mortised, Primed Steel, Double Acting Spring Hinge	119.66	10.29
			For Satin Brass, Add	16.38	
08 71 16 00-0410	PR		6", Mortised, Primed Steel, Double Acting Spring Hinge	134.48	11.87
			For Satin Brass, Add	18.03	
08 71 16 00-0411	PR		7", Mortised, Primed Steel, Double Acting Spring Hinge	160.33	13.45
			For Satin Brass, Add	22.34	
08 71 16 00-0412	PR		8", Mortised, Primed Steel, Double Acting Spring Hinge	212.08	37.58
			For Satin Brass, Add	32.86	
08 71 16 00-0413			Security Hinges (08 71 16 00-0001)		
08 71 16 00-0414	EA		4-1/2" x 4-1/2", Non Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge	28.45	5.54
08 71 16 00-0415			Concealed Circuit Electric Hinge Option (08 71 16 00-0001)		
			Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 16 00-0416	EA		4 Wire Concealed Circuit Electric Hinge Option.....	152.72	
08 71 16 00-0417	EA		6 Wire Concealed Circuit Electric Hinge Option.....	180.32	
08 71 16 00-0418	EA		8 Wire Concealed Circuit Electric Hinge Option.....	207.91	
08 71 16 00-0419			Hinge Filler Plates For Door Frames (08 71 16 00-0001)		
08 71 16 00-0420	PR		Hinge Filler Plates For Door Frames	12.91	3.96
08 71 16 00-0421			Door Trim (08 71 16)		
08 71 16 00-0422			Floor Stops, Wall Stops And Bumpers (08 71 16 00-0421)		
08 71 16 00-0423			Floor Stops (08 71 16 00-0422)		
08 71 16 00-0424			Aluminum Floor Stops (08 71 16 00-0423)		
08 71 16 00-0425	EA		1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430)	21.26	9.89
08 71 16 00-0426	EA		1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436)	22.72	9.89
08 71 16 00-0427	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438)	23.28	9.89
08 71 16 00-0428	EA		2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441)	31.80	9.89
08 71 16 00-0429	EA		3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	32.82	9.89

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 71 16 00-0430**Brass Floor Stops** (08 71 16 00-0423)

08 71 16 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	22.93	9.89
08 71 16 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	23.49	9.89
08 71 16 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	23.49	9.89
08 71 16 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	23.71	9.89
08 71 16 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	23.99	9.89
08 71 16 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	23.99	9.89
08 71 16 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	23.99	9.89
08 71 16 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	23.28	9.89
08 71 16 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	24.13	9.89
08 71 16 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	24.13	9.89
08 71 16 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	24.46	9.89
08 71 16 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	24.75	9.89
08 71 16 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	24.75	9.89
08 71 16 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	26.09	9.89
08 71 16 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	24.19	9.89
08 71 16 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	24.19	9.89
08 71 16 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	25.11	9.89
08 71 16 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	25.11	9.89
08 71 16 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	25.11	9.89
08 71 16 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	25.11	9.89
08 71 16 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	24.83	9.89
08 71 16 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	24.83	9.89
08 71 16 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	25.73	9.89
08 71 16 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	25.73	9.89
08 71 16 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	25.73	9.89
08 71 16 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	25.73	9.89
08 71 16 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	32.62	9.89
08 71 16 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	33.02	9.89
08 71 16 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	33.99	9.89
08 71 16 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	34.78	9.89
08 71 16 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	34.78	9.89
08 71 16 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	38.00	9.89
08 71 16 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	38.00	9.89
08 71 16 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	36.81	9.89
08 71 16 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	37.38	9.89
08 71 16 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	37.38	9.89
08 71 16 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	37.38	9.89
08 71 16 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	37.38	9.89
08 71 16 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	41.79	9.89
08 71 16 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	41.79	9.89
08 71 16 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	27.83	9.89
08 71 16 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	28.56	9.89
08 71 16 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	30.22	9.89
08 71 16 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	30.22	9.89
08 71 16 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	30.22	9.89
08 71 16 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	30.71	9.89

08 71 16 00-0477**Steel Floor Stops** (08 71 16 00-0423)

08 71 16 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	24.96	9.89
08 71 16 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S)	52.23	9.89
Note: Includes drilling. Excludes Grout.				
08 71 16 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L)	54.55	9.89
Note: Includes drilling. Excludes Grout.				

08 71 16 00-0481**Wall Stops** (08 71 16 00-0422)**08 71 16 00-0482****Aluminum Wall Stops** (08 71 16 00-0481)

08 71 16 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	9.94	3.96
08 71 16 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	14.62	5.93

08 71 16 00-0485**Brass Wall Stops** (08 71 16 00-0481)

08 71 16 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	14.93	3.96
08 71 16 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	14.93	3.96
08 71 16 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	14.93	3.96
08 71 16 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	17.10	3.96
08 71 16 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	17.31	3.96
08 71 16 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	17.31	3.96
08 71 16 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	17.31	3.96
08 71 16 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	37.80	5.93
08 71 16 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	38.57	5.93
08 71 16 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	38.57	5.93
08 71 16 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	38.57	5.93
08 71 16 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	38.57	5.93
08 71 16 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	38.57	5.93
08 71 16 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	32.40	5.93
08 71 16 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	36.55	5.93
08 71 16 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	36.55	5.93
08 71 16 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	36.55	5.93
08 71 16 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	36.55	5.93
08 71 16 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	37.53	5.93
08 71 16 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	37.53	5.93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0506	EA		3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33).....	57.99	5.93
08 71 16 00-0507			Steel Wall Stops (08 71 16 00-0481)		
08 71 16 00-0508	EA		3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63).....	8.33	3.96
08 71 16 00-0509			Hinge Pin Door Stops (08 71 16 00-0422)		
08 71 16 00-0510			Aluminum Hinge Pin Door Stops (08 71 16 00-0509)		
08 71 16 00-0511	EA		Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70).....	17.09	7.91
08 71 16 00-0512			Brass Hinge Pin Door Stops (08 71 16 00-0509)		
08 71 16 00-0513	EA		Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72).....	17.33	7.91
08 71 16 00-0514	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73).....	18.84	7.91
08 71 16 00-0515	EA		Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	22.48	7.91
08 71 16 00-0516	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	22.48	7.91
08 71 16 00-0517	EA		Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70).....	22.48	7.91
08 71 16 00-0518	EA		Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70).....	24.18	7.91
08 71 16 00-0519	EA		Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	24.18	7.91
08 71 16 00-0520	EA		Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70).....	24.18	7.91
08 71 16 00-0521	EA		Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70).....	24.18	7.91
08 71 16 00-0522			Wall Bumpers (08 71 16 00-0422)		
08 71 16 00-0523			Brass Wall Bumpers (08 71 16 00-0522)		
08 71 16 00-0524	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.16	9.89
08 71 16 00-0525	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.16	9.89
08 71 16 00-0526	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.16	9.89
08 71 16 00-0527	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.37	9.89
08 71 16 00-0528	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.37	9.89
08 71 16 00-0529	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.37	9.89
08 71 16 00-0530	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407).....	22.37	9.89
08 71 16 00-0531	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	29.37	9.89
08 71 16 00-0532	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.27	9.89
08 71 16 00-0533	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.27	9.89
08 71 16 00-0534	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.27	9.89
08 71 16 00-0535	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.27	9.89
08 71 16 00-0536	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.27	9.89
08 71 16 00-0537	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402).....	31.69	9.89
08 71 16 00-0538			Rubber Wall Bumpers (08 71 16 00-0522)		
08 71 16 00-0539	EA		1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W).....	21.41	9.89
08 71 16 00-0540			Holders (08 71 16 00-0421)		
08 71 16 00-0541			Plunger Type Door Holders (08 71 16 00-0540)		
08 71 16 00-0542			Aluminum Plunger Type Door Holders (08 71 16 00-0541)		
08 71 16 00-0543	EA		Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153).....	39.69	5.93
08 71 16 00-0544			Brass Plunger Type Door Holders (08 71 16 00-0541)		
08 71 16 00-0545	EA		Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0546	EA		Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0547	EA		Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0548	EA		Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0549	EA		Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0550	EA		Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0551	EA		Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154).....	62.06	5.93
08 71 16 00-0552			Kick Down Door Holders (08 71 16 00-0540)		
08 71 16 00-0553			Aluminum Kick Down Door Holders (08 71 16 00-0552)		
08 71 16 00-0554	EA		Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455).....	16.41	5.93

08 Openings**08 70 Hardware****08 71 Door Hardware**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
08 71 16 00-0555		Brass Kick Down Door Holders (08 71 16 00-0552)						
08 71 16 00-0556	EA				Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	30.32	5.93	
08 71 16 00-0557	EA				Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	30.32	5.93	
08 71 16 00-0558	EA				Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	30.32	5.93	
08 71 16 00-0559	EA				Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	33.95	5.93	
08 71 16 00-0560	EA				Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	33.95	5.93	
08 71 16 00-0561	EA				Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	33.95	5.93	
08 71 16 00-0562	EA				Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	34.86	5.93	
08 71 16 00-0563		Steel Kick Down Door Holders (08 71 16 00-0552)						
08 71 16 00-0564	EA				Steel Kick Down Door Holder (Ives FS544)	19.22	5.93	
08 71 16 00-0565		Floor Mounted Door Holders (08 71 16 00-0540)						
08 71 16 00-0566		Brass Floor Mounted Door Holders (08 71 16 00-0565)						
08 71 16 00-0567	EA				Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	59.55	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0568	EA				Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	59.55	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0569	EA				Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	71.60	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0570	EA				Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	71.60	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0571	EA				Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	71.60	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0572	EA				Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	71.60	11.87	
					For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78		
					For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53		
					For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80		
08 71 16 00-0573		Wall Mounted Door Holders (08 71 16 00-0540)						
08 71 16 00-0574		Aluminum Wall Mounted Door Holders (08 71 16 00-0573)						
08 71 16 00-0575	EA				4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	50.07	6.93	
08 71 16 00-0576	EA				Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	74.77	11.87	
08 71 16 00-0577		Brass Wall Mounted Door Holders (08 71 16 00-0573)						
08 71 16 00-0578	EA				3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	46.42	6.93	
08 71 16 00-0579	EA				3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	52.96	6.93	
08 71 16 00-0580	EA				3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	52.96	6.93	
08 71 16 00-0581	EA				3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	52.96	6.93	
08 71 16 00-0582	EA				3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	52.96	6.93	
08 71 16 00-0583	EA				3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	52.96	6.93	
08 71 16 00-0584	EA				3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	54.49	6.93	
08 71 16 00-0585	EA				4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	51.89	6.93	
08 71 16 00-0586	EA				4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	60.81	6.93	
08 71 16 00-0587	EA				4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	60.81	6.93	
08 71 16 00-0588	EA				4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	60.81	6.93	
08 71 16 00-0589	EA				4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	60.81	6.93	
08 71 16 00-0590	EA				4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20)	60.81	6.93	
08 71 16 00-0591	EA				Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40)	83.67	11.87	
08 71 16 00-0592	EA				Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40)	87.67	11.87	
08 71 16 00-0593	EA				Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40)	87.67	11.87	
08 71 16 00-0594	EA				Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40)	87.67	11.87	
08 71 16 00-0595	EA				Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40)	87.67	11.87	
08 71 16 00-0596	EA				Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40)	87.67	11.87	
08 71 16 00-0597		Overhead Door Holders (08 71 16 00-0540)						
08 71 16 00-0598		Surface Mounted, Overhead Door Holders (08 71 16 00-0597)						
08 71 16 00-0599	EA				Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	261.78	19.78	
					For Hold Open, Add	26.36		
08 71 16 00-0600	EA				Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81)	295.43	19.78	
					For Hold Open, Add	31.21		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0601	EA		Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) <i>For Hold Open, Add</i>	295.43 31.21	19.78
08 71 16 00-0602	EA		Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) <i>For Hold Open, Add</i>	295.43 31.21	19.78
08 71 16 00-0603	EA		Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81) <i>For Hold Open, Add</i>	294.29 31.05	19.78
08 71 16 00-0604			Heavy Duty, Surface Mounted, Overhead Door Holders (08 71 16 00-0597) Note: With or without hold open feature.		
08 71 16 00-0605	EA		Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	210.97	19.78
08 71 16 00-0606	EA		Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	291.31	19.78
08 71 16 00-0607	EA		Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	326.33	19.78
08 71 16 00-0608	EA		Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	326.33	19.78
08 71 16 00-0609	EA		Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90)	326.33	19.78
08 71 16 00-0610			Concealed Mounted, Overhead Door Holders (08 71 16 00-0597) Note: With or without hold open feature.		
08 71 16 00-0611	EA		Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	282.84	19.78
08 71 16 00-0612	EA		Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	282.84	19.78
08 71 16 00-0613	EA		Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	296.58	19.78
08 71 16 00-0614	EA		Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	308.25	19.78
08 71 16 00-0615	EA		Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100)	308.25	19.78
08 71 16 00-0616			Silencers (08 71 16 00-0421)		
08 71 16 00-0617	EA		Replacement Rubber Door Silencers Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.	1.13	0.79
08 71 16 00-0618			Bolts (08 71 16 00-0421)		
08 71 16 00-0619			Brass Surface Bolts (08 71 16 00-0618)		
08 71 16 00-0620	EA		8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640)	83.23	9.89
08 71 16 00-0621	EA		8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640)	88.52	9.89
08 71 16 00-0622	EA		8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640)	88.52	9.89
08 71 16 00-0623			Steel Surface Bolts (08 71 16 00-0618)		
08 71 16 00-0624	EA		8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	42.26	9.89
08 71 16 00-0625	EA		8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	42.26	9.89
08 71 16 00-0626	EA		8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453)	42.26	9.89
08 71 16 00-0627	EA		8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	46.88	9.89
08 71 16 00-0628	EA		8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	47.55	9.89
08 71 16 00-0629	EA		8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	48.86	9.89
08 71 16 00-0630	EA		12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453)	48.20	9.89
08 71 16 00-0631	EA		12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	50.19	9.89
08 71 16 00-0632	EA		12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453)	52.83	9.89
08 71 16 00-0633	EA		12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453)	54.81	9.89
08 71 16 00-0634	EA		12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360)	81.25	9.89
08 71 16 00-0635			Door Viewer (08 71 16 00-0421)		
08 71 16 00-0636			Brass Door Viewer (08 71 16 00-0635)		
08 71 16 00-0637	EA		120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700)	26.09	9.89
08 71 16 00-0638	EA		120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700)	26.09	9.89
08 71 16 00-0639	EA		120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700)	26.09	9.89
08 71 16 00-0640	EA		150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696)	29.04	9.89
08 71 16 00-0641	EA		150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696)	29.04	9.89
08 71 16 00-0642	EA		150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696)	29.04	9.89
08 71 16 00-0643	EA		190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	32.68	9.89
08 71 16 00-0644	EA		190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698)	32.68	9.89
08 71 16 00-0645			Door Knockers (08 71 16 00-0421)		
08 71 16 00-0646			Brass Door Knockers (08 71 16 00-0645)		
08 71 16 00-0647	EA		5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125)	35.20	9.89
08 71 16 00-0648	EA		5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125)	38.00	9.89
08 71 16 00-0649	EA		5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125)	38.00	9.89
08 71 16 00-0650	EA		5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125)	38.00	9.89
08 71 16 00-0651	EA		8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107)	48.64	9.89
08 71 16 00-0652	EA		8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107)	55.41	9.89
08 71 16 00-0653			Hasps (08 71 16 00-0421)		
08 71 16 00-0654	EA		3-1/4", Zinc Plated Finish, Steel Hasp Assembly	18.75	7.46
08 71 16 00-0655	EA		4-1/2", Zinc Plated Finish, Steel Hasp Assembly	19.96	7.91
08 71 16 00-0656	EA		6", Zinc Plated Finish, Steel Hasp Assembly	24.51	8.90
08 71 16 00-0657	EA		6", Zinc Plated Finish, Steel High Security Hasp Assembly	79.50	10.68

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-0658		Flush Bolts (08 71 16 00-0421)		
08 71 16 00-0659		Flush Bolts For Metal Doors (08 71 16 00-0658)		
08 71 16 00-0660		Brass Flush Bolts For Metal Doors (08 71 16 00-0659)		
08 71 16 00-0661		Manual, Brass Flush Bolts For Metal Doors (08 71 16 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0662	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458)	34.33	9.89
08 71 16 00-0663		Automatic, Brass Flush Bolts For Metal Doors (08 71 16 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0664	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T)	72.52	9.89
08 71 16 00-0665	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B)	72.52	9.89
08 71 16 00-0666	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P)	131.58	15.83
08 71 16 00-0667	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32)	127.64	13.84
08 71 16 00-0668	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33)	132.92	14.84
08 71 16 00-0669		Constant Latching, Brass Flush Bolts For Metal Doors (08 71 16 00-0660) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0670	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T)	71.93	9.89
08 71 16 00-0671	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P)	131.58	15.83
08 71 16 00-0672	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52)	127.64	13.84
08 71 16 00-0673	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53)	132.92	14.84
08 71 16 00-0674		Stainless Steel Flush Bolts For Metal Doors (08 71 16 00-0659)		
08 71 16 00-0675		Automatic, Stainless Steel Flush Bolts For Metal Doors (08 71 16 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0676	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T)	72.52	9.89
08 71 16 00-0677	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B)	72.52	9.89
08 71 16 00-0678	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P)	131.58	15.83
08 71 16 00-0679	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32)	127.64	13.84
08 71 16 00-0680	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33)	132.92	14.84
08 71 16 00-0681		Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08 71 16 00-0674) Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0682	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T)	71.93	9.89
08 71 16 00-0683	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P)	131.58	15.83
08 71 16 00-0684	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52)	127.64	13.84
08 71 16 00-0685	EA	Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53)	132.92	14.84
08 71 16 00-0686		Flush Bolts For Wood Doors (08 71 16 00-0658)		
08 71 16 00-0687		Brass Flush Bolts For Wood Doors (08 71 16 00-0686)		
08 71 16 00-0688		Manual, Brass Flush Bolts For Wood Doors (08 71 16 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 16 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358)	39.27	9.89
08 71 16 00-0690		Automatic, Brass Flush Bolts For Wood Doors (08 71 16 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T)	75.09	9.89
08 71 16 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B)	75.09	9.89
08 71 16 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P)	137.13	15.83
08 71 16 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42)	133.19	13.84
08 71 16 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors (08 71 16 00-0687) Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 16 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T)	74.58	9.89
08 71 16 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P)	137.13	15.83
08 71 16 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62)	133.19	13.84
08 71 16 00-0699		Stainless Steel Flush Bolts For Wood Doors (08 71 16 00-0686)		
08 71 16 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 16 00-0699) Note: Includes stainless steel construction with bright or satin finish.		
08 71 16 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T)	75.09	9.89
08 71 16 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B)	75.09	9.89
08 71 16 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P)	137.13	15.83
08 71 16 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42)	133.19	13.84
08 71 16 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 16 00-0699) Note: Includes stainless steel construction with bright or satin finish.		

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

08 71 16 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T).....	74.58	9.89
08 71 16 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P)	137.13	15.83
08 71 16 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62).....	133.19	13.84

08 71 16 00-0709 Dust Proof Strikes (08 71 16 00-0658)

08 71 16 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	29.98	7.91
08 71 16 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1).....	29.98	7.91
08 71 16 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	29.98	7.91
08 71 16 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	29.98	7.91
08 71 16 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	29.98	7.91
08 71 16 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	33.67	7.91
08 71 16 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	33.67	7.91
08 71 16 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	33.67	7.91
08 71 16 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	33.67	7.91
08 71 16 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	33.67	7.91

08 71 16 00-0720 Roller Bumpers (08 71 16 00-0421)
08 71 16 00-0721 Brass Roller Bumpers (08 71 16 00-0720)

08 71 16 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	29.61	5.93
08 71 16 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	34.03	5.93
08 71 16 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	34.03	5.93
08 71 16 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	28.61	5.93
08 71 16 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	31.98	5.93
08 71 16 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	31.98	5.93
08 71 16 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	31.98	5.93
08 71 16 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	29.68	5.93
08 71 16 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	32.06	5.93
08 71 16 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	33.18	5.93
08 71 16 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	33.18	5.93
08 71 16 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	33.18	5.93
08 71 16 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	33.18	5.93
08 71 16 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	33.18	5.93

08 71 16 00-0736 Other Door Trim (08 71 16 00-0421)
08 71 16 00-0737 Coat And Hat Hooks (08 71 16 00-0736)
08 71 16 00-0738 Aluminum Coat And Hat Hooks (08 71 16 00-0737)

08 71 16 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581).....	13.26	5.93
08 71 16 00-0740	EA	1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	13.26	5.93
08 71 16 00-0741	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	13.34	5.93
08 71 16 00-0742	EA	1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571).....	13.21	5.93
08 71 16 00-0743	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571).....	13.21	5.93
08 71 16 00-0744	EA	1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	13.21	5.93
08 71 16 00-0745	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	13.34	5.93
08 71 16 00-0746	EA	1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405).....	13.76	5.93
08 71 16 00-0747	EA	1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405).....	13.76	5.93
08 71 16 00-0748	EA	1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405).....	13.76	5.93
08 71 16 00-0749	EA	1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	13.76	5.93
08 71 16 00-0750	EA	1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	13.76	5.93

08 71 16 00-0751 Brass Coat And Hat Hooks (08 71 16 00-0737)

08 71 16 00-0752	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	15.51	5.93
08 71 16 00-0753	EA	1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581).....	15.72	5.93
08 71 16 00-0754	EA	1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	16.07	5.93
08 71 16 00-0755	EA	1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581).....	16.07	5.93
08 71 16 00-0756	EA	1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	16.29	5.93
08 71 16 00-0757	EA	1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571).....	16.98	5.93
08 71 16 00-0758	EA	1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	17.97	5.93
08 71 16 00-0759	EA	1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	17.97	5.93
08 71 16 00-0760	EA	1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	17.97	5.93
08 71 16 00-0761	EA	1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	18.19	5.93

08 71 16 00-0762 Door Plates And Pulls (08 71 16)
08 71 16 00-0763 Kick Plate (08 71 16 00-0762)

Note: Ives 8400.

08 71 16 00-0764 Aluminum Base Material Kick Plate (08 71 16 00-0763)
08 71 16 00-0765 Satin Aluminum Finish, Aluminum Kick Plate (08 71 16 00-0764)

08 71 16 00-0766	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	34.67	5.93
		For Four Beveled Edges, Add	1.76	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-0767	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	35.68	5.93
		For Four Beveled Edges, Add	1.76	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0768	EA 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.66 1.76 5.60 9.80	5.93
08 71 16 00-0769	EA 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	16.30 1.76 5.60 9.80	5.93
08 71 16 00-0770	EA 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.24 1.76 5.60 9.80	6.33
08 71 16 00-0771	EA 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.22 1.76 5.60 9.80	6.33
08 71 16 00-0772	EA 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.22 1.76 5.60 9.80	6.33
08 71 16 00-0773	EA 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.21 1.76 5.60 9.80	6.33
08 71 16 00-0774	EA 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.78 1.76 5.60 9.80	6.73
08 71 16 00-0775	EA 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.78 1.76 5.60 9.80	6.73
08 71 16 00-0776	EA 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.76 1.76 5.60 9.80	6.73
08 71 16 00-0777	EA 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.35 1.76 5.60 9.80	7.12
08 71 16 00-0778	EA 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.35 1.76 5.60 9.80	7.12
08 71 16 00-0779	EA 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.33 1.76 5.60 9.80	7.12
08 71 16 00-0780	EA 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.42 1.76 5.60 9.80	5.93
08 71 16 00-0781	EA 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.66 1.76 5.60 9.80	5.93
08 71 16 00-0782	EA 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.89 1.76 5.60 9.80	5.93
08 71 16 00-0783	EA 10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.14 1.76 5.60 9.80	5.93
08 71 16 00-0784	EA 10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.96 1.76 5.60 9.80	6.33
08 71 16 00-0785	EA 10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.20 1.76 5.60 9.80	6.33
08 71 16 00-0786	EA 10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.45 1.76 5.60 9.80	6.33
08 71 16 00-0787	EA 10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.68 1.76 5.60 9.80	6.33
08 71 16 00-0788	EA 10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.51 1.76 5.60 9.80	6.73
08 71 16 00-0789	EA 10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.75 1.76 5.60 9.80	6.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0790	EA		10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.99 1.76 5.60 9.80	6.73
08 71 16 00-0791	EA		10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.82 1.76 5.60 9.80	7.12
08 71 16 00-0792	EA		10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.05 1.76 5.60 9.80	7.12
08 71 16 00-0793	EA		10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.29 1.76 5.60 9.80	7.12
08 71 16 00-0794	EA		12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.15 1.76 5.60 9.80	5.93
08 71 16 00-0795	EA		12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.63 1.76 5.60 9.80	5.93
08 71 16 00-0796	EA		12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.14 1.76 5.60 9.80	5.93
08 71 16 00-0797	EA		12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.60 1.76 5.60 9.80	5.93
08 71 16 00-0798	EA		12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.68 1.76 5.60 9.80	6.33
08 71 16 00-0799	EA		12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.17 1.76 5.60 9.80	6.33
08 71 16 00-0800	EA		12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.66 1.76 5.60 9.80	6.33
08 71 16 00-0801	EA		12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.16 1.76 5.60 9.80	6.33
08 71 16 00-0802	EA		12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.23 1.76 5.60 9.80	6.73
08 71 16 00-0803	EA		12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.71 1.76 5.60 9.80	6.73
08 71 16 00-0804	EA		12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.21 1.76 5.60 9.80	6.73
08 71 16 00-0805	EA		12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.28 1.76 5.60 9.80	7.12
08 71 16 00-0806	EA		12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.77 1.76 5.60 9.80	7.12
08 71 16 00-0807	EA		12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.27 1.76 5.60 9.80	7.12
08 71 16 00-0808	EA		14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.44 1.76 5.60 9.80	6.33
08 71 16 00-0809	EA		14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.18 1.76 5.60 9.80	6.33
08 71 16 00-0810	EA		14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.95 1.76 5.60 9.80	6.33
08 71 16 00-0811	EA		14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.69 1.76 5.60 9.80	6.33

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0812	EA 14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.99 1.76 5.60 9.80	6.73
08 71 16 00-0813	EA 14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.73 1.76 5.60 9.80	6.73
08 71 16 00-0814	EA 14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.47 1.76 5.60 9.80	6.73
08 71 16 00-0815	EA 14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.21 1.76 5.60 9.80	6.73
08 71 16 00-0816	EA 14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.53 1.76 5.60 9.80	7.12
08 71 16 00-0817	EA 14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.26 1.76 5.60 9.80	7.12
08 71 16 00-0818	EA 14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.00 1.76 5.60 9.80	7.12
08 71 16 00-0819	EA 14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.32 1.76 5.60 9.80	7.52
08 71 16 00-0820	EA 14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.07 1.76 5.60 9.80	7.52
08 71 16 00-0821	EA 14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.81 1.76 5.60 9.80	7.52
08 71 16 00-0822	EA 16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.19 1.76 5.60 9.80	6.33
08 71 16 00-0823	EA 16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.17 1.76 5.60 9.80	6.33
08 71 16 00-0824	EA 16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.17 1.76 5.60 9.80	6.33
08 71 16 00-0825	EA 16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.15 1.76 5.60 9.80	6.33
08 71 16 00-0826	EA 16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.73 1.76 5.60 9.80	6.73
08 71 16 00-0827	EA 16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.72 1.76 5.60 9.80	6.73
08 71 16 00-0828	EA 16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.71 1.76 5.60 9.80	6.73
08 71 16 00-0829	EA 16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.69 1.76 5.60 9.80	6.73
08 71 16 00-0830	EA 16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.25 1.76 5.60 9.80	7.12
08 71 16 00-0831	EA 16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.25 1.76 5.60 9.80	7.12
08 71 16 00-0832	EA 16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.23 1.76 5.60 9.80	7.12
08 71 16 00-0833	EA 16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.79 1.76 5.60 9.80	7.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0834	EA		16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.78 1.76 5.60 9.80	7.52
08 71 16 00-0835	EA		16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.79 1.76 5.60 9.80	7.52
08 71 16 00-0836	EA		18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.49 6.30 5.60 9.80	6.33
08 71 16 00-0837	EA		18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.88 6.30 5.60 9.80	6.33
08 71 16 00-0838	EA		18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.26 6.30 5.60 9.80	6.33
08 71 16 00-0839	EA		18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.64 6.30 5.60 9.80	6.33
08 71 16 00-0840	EA		18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.59 6.30 5.60 9.80	6.73
08 71 16 00-0841	EA		18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.97 6.30 5.60 9.80	6.73
08 71 16 00-0842	EA		18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.35 6.30 5.60 9.80	6.73
08 71 16 00-0843	EA		18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.73 6.30 5.60 9.80	6.73
08 71 16 00-0844	EA		18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.69 6.30 5.60 9.80	7.12
08 71 16 00-0845	EA		18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.07 6.30 5.60 9.80	7.12
08 71 16 00-0846	EA		18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.45 6.30 5.60 9.80	7.12
08 71 16 00-0847	EA		18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.41 6.30 5.60 9.80	7.52
08 71 16 00-0848	EA		18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.79 6.30 5.60 9.80	7.52
08 71 16 00-0849	EA		18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.17 6.30 5.60 9.80	7.52
08 71 16 00-0850	EA		20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.98 6.30 5.60 9.80	6.73
08 71 16 00-0851	EA		20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.63 6.30 5.60 9.80	6.73
08 71 16 00-0852	EA		20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.27 6.30 5.60 9.80	6.73
08 71 16 00-0853	EA		20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.91 6.30 5.60 9.80	6.73
08 71 16 00-0854	EA		20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.14 6.30 5.60 9.80	7.12
08 71 16 00-0855	EA		20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.78 6.30 5.60 9.80	7.12

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-0856	EA	20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	73.42	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0857	EA	20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	76.07	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0858	EA	20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	80.29	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0859	EA	20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	82.94	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0860	EA	20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	85.58	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0861	EA	20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	89.80	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0862	EA	20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	92.45	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0863	EA	20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	95.09	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0864	EA	22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	58.89	6.73
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0865	EA	22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	61.80	6.73
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0866	EA	22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	64.70	6.73
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0867	EA	22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	67.61	6.73
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0868	EA	22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	72.11	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0869	EA	22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	75.02	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0870	EA	22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	77.92	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0871	EA	22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	80.83	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0872	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	85.32	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0873	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	88.22	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0874	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	91.13	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0875	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	95.62	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0876	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	98.52	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0877	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate.....	101.43	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0878	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	61.80	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0879	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	64.97	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0880	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	68.15	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0881	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	71.32	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0882	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	76.07	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0883	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	79.24	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0884	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	82.41	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0885	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	85.59	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0886	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	90.34	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0887	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	93.51	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0888	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	96.68	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0889	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	101.43	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0890	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	104.61	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0891	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	107.78	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0892		Brass Base Material Kick Plate (08 71 16 00-0763)			
08 71 16 00-0893		Bright/Satin Brass Finish, Brass Kick Plate (08 71 16 00-0892)			
08 71 16 00-0894	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	59.92	5.93
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0895	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	63.20	5.93
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0896	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	66.50	5.93
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0897	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	69.78	5.93
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0898	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	74.65	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0899	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	77.96	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-0900	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	81.24	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-0901	EA	8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	84.52	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0902	EA	8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	89.39	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0903	EA	8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	92.67	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0904	EA	8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	95.96	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0905	EA	8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	100.82	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0906	EA	8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	104.13	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0907	EA	8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	107.42	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0908	EA	10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	68.97	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0909	EA	10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	73.07	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0910	EA	10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	77.19	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0911	EA	10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	81.30	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0912	EA	10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	86.97	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0913	EA	10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	91.09	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0914	EA	10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	95.21	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0915	EA	10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	99.32	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0916	EA	10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	105.00	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0917	EA	10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	109.12	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0918	EA	10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	113.24	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0919	EA	10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	118.92	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0920	EA	10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	123.04	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0921	EA	10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	127.15	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-0922	EA	12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	77.99	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0923	EA		12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.94 1.76 5.60 9.80	5.93
08 71 16 00-0924	EA		12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.87 1.76 5.60 9.80	5.93
08 71 16 00-0925	EA		12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.80 1.76 5.60 9.80	5.93
08 71 16 00-0926	EA		12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.32 1.76 5.60 9.80	6.33
08 71 16 00-0927	EA		12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.26 1.76 5.60 9.80	6.33
08 71 16 00-0928	EA		12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.19 1.76 5.60 9.80	6.33
08 71 16 00-0929	EA		12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.11 1.76 5.60 9.80	6.33
08 71 16 00-0930	EA		12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.65 1.76 5.60 9.80	6.73
08 71 16 00-0931	EA		12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.57 1.76 5.60 9.80	6.73
08 71 16 00-0932	EA		12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.50 1.76 5.60 9.80	6.73
08 71 16 00-0933	EA		12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.01 1.76 5.60 9.80	7.12
08 71 16 00-0934	EA		12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.93 1.76 5.60 9.80	7.12
08 71 16 00-0935	EA		12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.89 1.76 5.60 9.80	7.12
08 71 16 00-0936	EA		14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.63 1.76 5.60 9.80	6.33
08 71 16 00-0937	EA		14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.38 1.76 5.60 9.80	6.33
08 71 16 00-0938	EA		14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.14 1.76 5.60 9.80	6.33
08 71 16 00-0939	EA		14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.90 1.76 5.60 9.80	6.33
08 71 16 00-0940	EA		14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.24 1.76 5.60 9.80	6.73
08 71 16 00-0941	EA		14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.00 1.76 5.60 9.80	6.73
08 71 16 00-0942	EA		14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.74 1.76 5.60 9.80	6.73
08 71 16 00-0943	EA		14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.50 1.76 5.60 9.80	6.73
08 71 16 00-0944	EA		14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.84 1.76 5.60 9.80	7.12

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0945	EA 14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.59 1.76 5.60 9.80	7.12
08 71 16 00-0946	EA 14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.34 1.76 5.60 9.80	7.12
08 71 16 00-0947	EA 14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.68 1.76 5.60 9.80	7.52
08 71 16 00-0948	EA 14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.44 1.76 5.60 9.80	7.52
08 71 16 00-0949	EA 14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.20 1.76 5.60 9.80	7.52
08 71 16 00-0950	EA 16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.66 1.76 5.60 9.80	6.33
08 71 16 00-0951	EA 16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.26 1.76 5.60 9.80	6.33
08 71 16 00-0952	EA 16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.83 1.76 5.60 9.80	6.33
08 71 16 00-0953	EA 16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.42 1.76 5.60 9.80	6.33
08 71 16 00-0954	EA 16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.57 1.76 5.60 9.80	6.73
08 71 16 00-0955	EA 16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.14 1.76 5.60 9.80	6.73
08 71 16 00-0956	EA 16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.72 1.76 5.60 9.80	6.73
08 71 16 00-0957	EA 16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.31 1.76 5.60 9.80	6.73
08 71 16 00-0958	EA 16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.46 1.76 5.60 9.80	7.12
08 71 16 00-0959	EA 16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.03 1.76 5.60 9.80	7.12
08 71 16 00-0960	EA 16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.62 1.76 5.60 9.80	7.12
08 71 16 00-0961	EA 16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	174.77 1.76 5.60 9.80	7.52
08 71 16 00-0962	EA 16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.34 1.76 5.60 9.80	7.52
08 71 16 00-0963	EA 16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.93 1.76 5.60 9.80	7.52
08 71 16 00-0964	EA 18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.38 6.30 5.60 9.80	6.33
08 71 16 00-0965	EA 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.10 6.30 5.60 9.80	6.33
08 71 16 00-0966	EA 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.82 6.30 5.60 9.80	6.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-0967	EA		18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.57 6.30 5.60 9.80	6.33
08 71 16 00-0968	EA		18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.88 6.30 5.60 9.80	6.73
08 71 16 00-0969	EA		18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.60 6.30 5.60 9.80	6.73
08 71 16 00-0970	EA		18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.35 6.30 5.60 9.80	6.73
08 71 16 00-0971	EA		18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.07 6.30 5.60 9.80	6.73
08 71 16 00-0972	EA		18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	213.40 6.30 5.60 9.80	7.12
08 71 16 00-0973	EA		18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.13 6.30 5.60 9.80	7.12
08 71 16 00-0974	EA		18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.84 6.30 5.60 9.80	7.12
08 71 16 00-0975	EA		18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.17 6.30 5.60 9.80	7.52
08 71 16 00-0976	EA		18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.89 6.30 5.60 9.80	7.52
08 71 16 00-0977	EA		18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	263.62 6.30 5.60 9.80	7.52
08 71 16 00-0978	EA		20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.85 6.30 5.60 9.80	6.73
08 71 16 00-0979	EA		20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.65 6.30 5.60 9.80	6.73
08 71 16 00-0980	EA		20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.48 6.30 5.60 9.80	6.73
08 71 16 00-0981	EA		20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.27 6.30 5.60 9.80	6.73
08 71 16 00-0982	EA		20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.68 6.30 5.60 9.80	7.12
08 71 16 00-0983	EA		20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.49 6.30 5.60 9.80	7.12
08 71 16 00-0984	EA		20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.30 6.30 5.60 9.80	7.12
08 71 16 00-0985	EA		20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.13 6.30 5.60 9.80	7.12
08 71 16 00-0986	EA		20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.50 6.30 5.60 9.80	7.52
08 71 16 00-0987	EA		20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	246.32 6.30 5.60 9.80	7.52
08 71 16 00-0988	EA		20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	257.14 6.30 5.60 9.80	7.52

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-0989	EA 20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	269.52 6.30 5.60 9.80	7.91
08 71 16 00-0990	EA 20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	280.35 6.30 5.60 9.80	7.91
08 71 16 00-0991	EA 20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	291.14 6.30 5.60 9.80	7.91
08 71 16 00-0992	EA 22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.75 6.30 5.60 9.80	6.73
08 71 16 00-0993	EA 22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.63 6.30 5.60 9.80	6.73
08 71 16 00-0994	EA 22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.52 6.30 5.60 9.80	6.73
08 71 16 00-0995	EA 22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.42 6.30 5.60 9.80	6.73
08 71 16 00-0996	EA 22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.90 6.30 5.60 9.80	7.12
08 71 16 00-0997	EA 22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.80 6.30 5.60 9.80	7.12
08 71 16 00-0998	EA 22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.69 6.30 5.60 9.80	7.12
08 71 16 00-0999	EA 22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.59 6.30 5.60 9.80	7.12
08 71 16 00-1000	EA 22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.05 6.30 5.60 9.80	7.52
08 71 16 00-1001	EA 22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.94 6.30 5.60 9.80	7.52
08 71 16 00-1002	EA 22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	279.85 6.30 5.60 9.80	7.52
08 71 16 00-1003	EA 22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	293.32 6.30 5.60 9.80	7.91
08 71 16 00-1004	EA 22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.22 6.30 5.60 9.80	7.91
08 71 16 00-1005	EA 22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	317.09 6.30 5.60 9.80	7.91
08 71 16 00-1006	EA 24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.63 6.30 5.60 9.80	6.73
08 71 16 00-1007	EA 24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.60 6.30 5.60 9.80	6.73
08 71 16 00-1008	EA 24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.59 6.30 5.60 9.80	6.73
08 71 16 00-1009	EA 24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	208.57 6.30 5.60 9.80	6.73
08 71 16 00-1010	EA 24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.13 6.30 5.60 9.80	7.12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1011	EA		24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.09 6.30 5.60 9.80	7.12
08 71 16 00-1012	EA		24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	249.07 6.30 5.60 9.80	7.12
08 71 16 00-1013	EA		24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.76 6.30 5.60 9.80	7.12
08 71 16 00-1014	EA		24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	276.60 6.30 5.60 9.80	7.52
08 71 16 00-1015	EA		24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	289.56 6.30 5.60 9.80	7.52
08 71 16 00-1016	EA		24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.54 6.30 5.60 9.80	7.52
08 71 16 00-1017	EA		24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	317.09 6.30 5.60 9.80	7.91
08 71 16 00-1018	EA		24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.09 6.30 5.60 9.80	7.91
08 71 16 00-1019	EA		24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	343.06 6.30 5.60 9.80	7.91
08 71 16 00-1020			Bright/Satin Chrome Finish, Brass Kick Plate <small>(08 71 16 00-0892)</small>		
08 71 16 00-1021	EA		8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.64 1.76 5.60 9.80	5.93
08 71 16 00-1022	EA		8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.27 1.76 5.60 9.80	5.93
08 71 16 00-1023	EA		8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.89 1.76 5.60 9.80	5.93
08 71 16 00-1024	EA		8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.52 1.76 5.60 9.80	5.93
08 71 16 00-1025	EA		8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.73 1.76 5.60 9.80	6.33
08 71 16 00-1026	EA		8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.35 1.76 5.60 9.80	6.33
08 71 16 00-1027	EA		8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.97 1.76 5.60 9.80	6.33
08 71 16 00-1028	EA		8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.60 1.76 5.60 9.80	6.33
08 71 16 00-1029	EA		8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.81 1.76 5.60 9.80	6.73
08 71 16 00-1030	EA		8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.45 1.76 5.60 9.80	6.73
08 71 16 00-1031	EA		8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.08 1.76 5.60 9.80	6.73
08 71 16 00-1032	EA		8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.29 1.76 5.60 9.80	7.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1033	EA		8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.91 1.76 5.60 9.80	7.12
08 71 16 00-1034	EA		8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.54 1.76 5.60 9.80	7.12
08 71 16 00-1035	EA		10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.62 1.76 5.60 9.80	5.93
08 71 16 00-1036	EA		10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.15 1.76 5.60 9.80	5.93
08 71 16 00-1037	EA		10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.68 1.76 5.60 9.80	5.93
08 71 16 00-1038	EA		10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.21 1.76 5.60 9.80	5.93
08 71 16 00-1039	EA		10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.34 1.76 5.60 9.80	6.33
08 71 16 00-1040	EA		10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.87 1.76 5.60 9.80	6.33
08 71 16 00-1041	EA		10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.40 1.76 5.60 9.80	6.33
08 71 16 00-1042	EA		10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.93 1.76 5.60 9.80	6.33
08 71 16 00-1043	EA		10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.05 1.76 5.60 9.80	6.73
08 71 16 00-1044	EA		10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.58 1.76 5.60 9.80	6.73
08 71 16 00-1045	EA		10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.11 1.76 5.60 9.80	6.73
08 71 16 00-1046	EA		10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.22 1.76 5.60 9.80	7.12
08 71 16 00-1047	EA		10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.76 1.76 5.60 9.80	7.12
08 71 16 00-1048	EA		10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.29 1.76 5.60 9.80	7.12
08 71 16 00-1049	EA		12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.59 1.76 5.60 9.80	5.93
08 71 16 00-1050	EA		12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.02 1.76 5.60 9.80	5.93
08 71 16 00-1051	EA		12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.48 1.76 5.60 9.80	5.93
08 71 16 00-1052	EA		12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.92 1.76 5.60 9.80	5.93
08 71 16 00-1053	EA		12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.93 1.76 5.60 9.80	6.33
08 71 16 00-1054	EA		12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.38 1.76 5.60 9.80	6.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1055	EA	12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.82 1.76 5.60 9.80	6.33
08 71	16 00-1056	EA	12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.25 1.76 5.60 9.80	6.33
08 71	16 00-1057	EA	12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.27 1.76 5.60 9.80	6.73
08 71	16 00-1058	EA	12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.71 1.76 5.60 9.80	6.73
08 71	16 00-1059	EA	12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.16 1.76 5.60 9.80	6.73
08 71	16 00-1060	EA	12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.17 1.76 5.60 9.80	7.12
08 71	16 00-1061	EA	12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.63 1.76 5.60 9.80	7.12
08 71	16 00-1062	EA	12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.07 1.76 5.60 9.80	7.12
08 71	16 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.13 1.76 5.60 9.80	6.33
08 71	16 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.50 1.76 5.60 9.80	6.33
08 71	16 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.85 1.76 5.60 9.80	6.33
08 71	16 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.19 1.76 5.60 9.80	6.33
08 71	16 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.11 1.76 5.60 9.80	6.73
08 71	16 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.46 1.76 5.60 9.80	6.73
08 71	16 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.80 1.76 5.60 9.80	6.73
08 71	16 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.16 1.76 5.60 9.80	6.73
08 71	16 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.10 1.76 5.60 9.80	7.12
08 71	16 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.44 1.76 5.60 9.80	7.12
08 71	16 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.78 1.76 5.60 9.80	7.12
08 71	16 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.27 1.76 5.60 9.80	7.52
08 71	16 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.05 1.76 5.60 9.80	7.52
08 71	16 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.40 1.76 5.60 9.80	7.52

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.13 1.76 5.60 9.80	6.33
08 71	16 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.38 1.76 5.60 9.80	6.33
08 71	16 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.63 1.76 5.60 9.80	6.33
08 71	16 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.88 1.76 5.60 9.80	6.33
08 71	16 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.71 1.76 5.60 9.80	6.73
08 71	16 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.99 1.76 5.60 9.80	6.73
08 71	16 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.23 1.76 5.60 9.80	6.73
08 71	16 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.49 1.76 5.60 9.80	6.73
08 71	16 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.31 1.76 5.60 9.80	7.12
08 71	16 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.57 1.76 5.60 9.80	7.12
08 71	16 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.82 1.76 5.60 9.80	7.12
08 71	16 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.65 1.76 5.60 9.80	7.52
08 71	16 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	196.92 1.76 5.60 9.80	7.52
08 71	16 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.17 1.76 5.60 9.80	7.52
08 71	16 00-1091	EA	18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.67 6.30 5.60 9.80	6.33
08 71	16 00-1092	EA	18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.53 6.30 5.60 9.80	6.33
08 71	16 00-1093	EA	18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.37 6.30 5.60 9.80	6.33
08 71	16 00-1094	EA	18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.23 6.30 5.60 9.80	6.33
08 71	16 00-1095	EA	18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.65 6.30 5.60 9.80	6.73
08 71	16 00-1096	EA	18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.50 6.30 5.60 9.80	6.73
08 71	16 00-1097	EA	18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.35 6.30 5.60 9.80	6.73
08 71	16 00-1098	EA	18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.20 6.30 5.60 9.80	6.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1099	EA		18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.62 6.30 5.60 9.80	7.12
08 71 16 00-1100	EA		18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71 16 00-1101	EA		18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.34 6.30 5.60 9.80	7.12
08 71 16 00-1102	EA		18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.76 6.30 5.60 9.80	7.52
08 71 16 00-1103	EA		18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	279.62 6.30 5.60 9.80	7.52
08 71 16 00-1104	EA		18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.46 6.30 5.60 9.80	7.52
08 71 16 00-1105	EA		20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.50 6.30 5.60 9.80	6.73
08 71 16 00-1106	EA		20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.58 6.30 5.60 9.80	6.73
08 71 16 00-1107	EA		20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.62 6.30 5.60 9.80	6.73
08 71 16 00-1108	EA		20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.69 6.30 5.60 9.80	6.73
08 71 16 00-1109	EA		20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.31 6.30 5.60 9.80	7.12
08 71 16 00-1110	EA		20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.36 6.30 5.60 9.80	7.12
08 71 16 00-1111	EA		20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.43 6.30 5.60 9.80	7.12
08 71 16 00-1112	EA		20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71 16 00-1113	EA		20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.13 6.30 5.60 9.80	7.52
08 71 16 00-1114	EA		20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.17 6.30 5.60 9.80	7.52
08 71 16 00-1115	EA		20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.22 6.30 5.60 9.80	7.52
08 71 16 00-1116	EA		20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.87 6.30 5.60 9.80	7.91
08 71 16 00-1117	EA		20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.92 6.30 5.60 9.80	7.91
08 71 16 00-1118	EA		20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.98 6.30 5.60 9.80	7.91
08 71 16 00-1119	EA		22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.77 6.30 5.60 9.80	6.73
08 71 16 00-1120	EA		22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.04 6.30 5.60 9.80	6.73

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1121	EA	22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.30 6.30 5.60 9.80	6.73
08 71	16 00-1122	EA	22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.55 6.30 5.60 9.80	6.73
08 71	16 00-1123	EA	22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.41 6.30 5.60 9.80	7.12
08 71	16 00-1124	EA	22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.66 6.30 5.60 9.80	7.12
08 71	16 00-1125	EA	22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.92 6.30 5.60 9.80	7.12
08 71	16 00-1126	EA	22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.18 6.30 5.60 9.80	7.12
08 71	16 00-1127	EA	22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.03 6.30 5.60 9.80	7.52
08 71	16 00-1128	EA	22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.29 6.30 5.60 9.80	7.52
08 71	16 00-1129	EA	22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.55 6.30 5.60 9.80	7.52
08 71	16 00-1130	EA	22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	323.38 6.30 5.60 9.80	7.91
08 71	16 00-1131	EA	22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	336.64 6.30 5.60 9.80	7.91
08 71	16 00-1132	EA	22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 5.60 9.80	7.91
08 71	16 00-1133	EA	24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.04 6.30 5.60 9.80	6.73
08 71	16 00-1134	EA	24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.50 6.30 5.60 9.80	6.73
08 71	16 00-1135	EA	24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.96 6.30 5.60 9.80	6.73
08 71	16 00-1136	EA	24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	229.43 6.30 5.60 9.80	6.73
08 71	16 00-1137	EA	24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71	16 00-1138	EA	24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.94 6.30 5.60 9.80	7.12
08 71	16 00-1139	EA	24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	274.43 6.30 5.60 9.80	7.12
08 71	16 00-1140	EA	24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	288.88 6.30 5.60 9.80	7.12
08 71	16 00-1141	EA	24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.92 6.30 5.60 9.80	7.52
08 71	16 00-1142	EA	24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	319.40 6.30 5.60 9.80	7.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1143	EA		24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.87 6.30 5.60 9.80	7.52
08 71 16 00-1144	EA		24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 5.60 9.80	7.91
08 71 16 00-1145	EA		24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	364.38 6.30 5.60 9.80	7.91
08 71 16 00-1146	EA		24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	378.85 6.30 5.60 9.80	7.91
08 71 16 00-1147 Satin/Dark Bronze Finish, Brass Kick Plate (08 71 16 00-0892)					
08 71 16 00-1148	EA		8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.35 1.76 5.60 9.80	5.93
08 71 16 00-1149	EA		8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.02 1.76 5.60 9.80	5.93
08 71 16 00-1150	EA		8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.73 1.76 5.60 9.80	5.93
08 71 16 00-1151	EA		8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.40 1.76 5.60 9.80	5.93
08 71 16 00-1152	EA		8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.69 1.76 5.60 9.80	6.33
08 71 16 00-1153	EA		8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.38 1.76 5.60 9.80	6.33
08 71 16 00-1154	EA		8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.07 1.76 5.60 9.80	6.33
08 71 16 00-1155	EA		8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.76 1.76 5.60 9.80	6.33
08 71 16 00-1156	EA		8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.01 1.76 5.60 9.80	6.73
08 71 16 00-1157	EA		8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.72 1.76 5.60 9.80	6.73
08 71 16 00-1158	EA		8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.41 1.76 5.60 9.80	6.73
08 71 16 00-1159	EA		8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.68 1.76 5.60 9.80	7.12
08 71 16 00-1160	EA		8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.37 1.76 5.60 9.80	7.12
08 71 16 00-1161	EA		8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.06 1.76 5.60 9.80	7.12
08 71 16 00-1162	EA		10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.49 1.76 5.60 9.80	5.93
08 71 16 00-1163	EA		10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.11 1.76 5.60 9.80	5.93
08 71 16 00-1164	EA		10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.71 1.76 5.60 9.80	5.93

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1165	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	88.32	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1166	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	94.52	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1167	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	99.14	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1168	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	103.74	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1169	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	108.35	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1170	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	114.56	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1171	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	119.17	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1172	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	123.77	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1173	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	129.99	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1174	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	134.59	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1175	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	139.20	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1176	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	84.64	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1177	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	90.18	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1178	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	95.71	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1179	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	101.25	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1180	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	108.35	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1181	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	113.90	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1182	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	119.44	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1183	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	124.97	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1184	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	132.09	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1185	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	137.62	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1186	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	143.15	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1187	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	150.27	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1188	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	155.82	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1189	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	161.34	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1190	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	96.36	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	102.83	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	109.28	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	115.74	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	123.77	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	130.24	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	136.69	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	143.15	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	151.19	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	157.65	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	164.10	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	172.15	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	178.63	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	185.08	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1204	EA	16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	106.52	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1205	EA	16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	113.90	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1206	EA	16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	121.27	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1207	EA	16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	128.66	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1208	EA	16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	137.62	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1209	EA 16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	145.00 1.76 5.60 9.80	6.73
08 71 16 00-1210	EA 16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	152.38 1.76 5.60 9.80	6.73
08 71 16 00-1211	EA 16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	159.76 1.76 5.60 9.80	6.73
08 71 16 00-1212	EA 16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	168.74 1.76 5.60 9.80	7.12
08 71 16 00-1213	EA 16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	176.12 1.76 5.60 9.80	7.12
08 71 16 00-1214	EA 16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	183.50 1.76 5.60 9.80	7.12
08 71 16 00-1215	EA 16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	192.44 1.76 5.60 9.80	7.52
08 71 16 00-1216	EA 16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	199.84 1.76 5.60 9.80	7.52
08 71 16 00-1217	EA 16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	207.22 1.76 5.60 9.80	7.52
08 71 16 00-1218	EA 18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	144.67 6.30 5.60 9.80	6.33
08 71 16 00-1219	EA 18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	155.53 6.30 5.60 9.80	6.33
08 71 16 00-1220	EA 18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	166.37 6.30 5.60 9.80	6.33
08 71 16 00-1221	EA 18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	177.23 6.30 5.60 9.80	6.33
08 71 16 00-1222	EA 18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	189.65 6.30 5.60 9.80	6.73
08 71 16 00-1223	EA 18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	200.50 6.30 5.60 9.80	6.73
08 71 16 00-1224	EA 18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	211.35 6.30 5.60 9.80	6.73
08 71 16 00-1225	EA 18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	222.20 6.30 5.60 9.80	6.73
08 71 16 00-1226	EA 18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	234.62 6.30 5.60 9.80	7.12
08 71 16 00-1227	EA 18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	245.48 6.30 5.60 9.80	7.12
08 71 16 00-1228	EA 18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	256.34 6.30 5.60 9.80	7.12
08 71 16 00-1229	EA 18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	268.76 6.30 5.60 9.80	7.52
08 71 16 00-1230	EA 18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate For Four Beveled Edges, Add For Counter Sink Holes, Add For UL Label (Fire Rated), Add	279.62 6.30 5.60 9.80	7.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1231	EA		18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.46 6.30 5.60 9.80	7.52
08 71 16 00-1232	EA		20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.50 6.30 5.60 9.80	6.73
08 71 16 00-1233	EA		20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.58 6.30 5.60 9.80	6.73
08 71 16 00-1234	EA		20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.62 6.30 5.60 9.80	6.73
08 71 16 00-1235	EA		20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.69 6.30 5.60 9.80	6.73
08 71 16 00-1236	EA		20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.31 6.30 5.60 9.80	7.12
08 71 16 00-1237	EA		20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.36 6.30 5.60 9.80	7.12
08 71 16 00-1238	EA		20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.43 6.30 5.60 9.80	7.12
08 71 16 00-1239	EA		20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71 16 00-1240	EA		20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.13 6.30 5.60 9.80	7.52
08 71 16 00-1241	EA		20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.17 6.30 5.60 9.80	7.52
08 71 16 00-1242	EA		20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.22 6.30 5.60 9.80	7.52
08 71 16 00-1243	EA		20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.87 6.30 5.60 9.80	7.91
08 71 16 00-1244	EA		20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.92 6.30 5.60 9.80	7.91
08 71 16 00-1245	EA		20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.98 6.30 5.60 9.80	7.91
08 71 16 00-1246	EA		22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.77 6.30 5.60 9.80	6.73
08 71 16 00-1247	EA		22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.04 6.30 5.60 9.80	6.73
08 71 16 00-1248	EA		22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.30 6.30 5.60 9.80	6.73
08 71 16 00-1249	EA		22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.55 6.30 5.60 9.80	6.73
08 71 16 00-1250	EA		22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.41 6.30 5.60 9.80	7.12
08 71 16 00-1251	EA		22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.66 6.30 5.60 9.80	7.12
08 71 16 00-1252	EA		22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.92 6.30 5.60 9.80	7.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	267.18	7.12
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	282.03	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	295.29	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	308.55	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	323.38	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	336.64	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	349.91	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1260	EA	24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	186.04	6.73
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1261	EA	24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	200.50	6.73
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1262	EA	24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	214.96	6.73
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1263	EA	24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	229.43	6.73
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1264	EA	24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	245.48	7.12
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1265	EA	24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	259.94	7.12
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1266	EA	24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	274.43	7.12
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1267	EA	24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	288.88	7.12
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1268	EA	24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	304.92	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1269	EA	24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	319.40	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1270	EA	24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	333.87	7.52
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1271	EA	24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	349.91	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1272	EA	24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	364.38	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	
08 71 16 00-1273	EA	24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	378.85	7.91
		For Four Beveled Edges, Add	6.30	
		For Counter Sink Holes, Add	5.60	
		For UL Label (Fire Rated), Add	9.80	

08 71 16 00-1274 Satin Nickel Finish, Brass Kick Plate (08 71 16 00-0892)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1275	EA		8" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.35 1.76 5.60 9.80	5.93
08 71 16 00-1276	EA		8" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.02 1.76 5.60 9.80	5.93
08 71 16 00-1277	EA		8" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.73 1.76 5.60 9.80	5.93
08 71 16 00-1278	EA		8" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.40 1.76 5.60 9.80	5.93
08 71 16 00-1279	EA		8" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.69 1.76 5.60 9.80	6.33
08 71 16 00-1280	EA		8" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.38 1.76 5.60 9.80	6.33
08 71 16 00-1281	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.07 1.76 5.60 9.80	6.33
08 71 16 00-1282	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.76 1.76 5.60 9.80	6.33
08 71 16 00-1283	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.01 1.76 5.60 9.80	6.73
08 71 16 00-1284	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.72 1.76 5.60 9.80	6.73
08 71 16 00-1285	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.41 1.76 5.60 9.80	6.73
08 71 16 00-1286	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.68 1.76 5.60 9.80	7.12
08 71 16 00-1287	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.37 1.76 5.60 9.80	7.12
08 71 16 00-1288	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.06 1.76 5.60 9.80	7.12
08 71 16 00-1289	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.49 1.76 5.60 9.80	5.93
08 71 16 00-1290	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.11 1.76 5.60 9.80	5.93
08 71 16 00-1291	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.71 1.76 5.60 9.80	5.93
08 71 16 00-1292	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.32 1.76 5.60 9.80	5.93
08 71 16 00-1293	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.52 1.76 5.60 9.80	6.33
08 71 16 00-1294	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.14 1.76 5.60 9.80	6.33
08 71 16 00-1295	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.74 1.76 5.60 9.80	6.33
08 71 16 00-1296	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.35 1.76 5.60 9.80	6.33

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1297	EA 10" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.56 1.76 5.60 9.80	6.73
08 71 16 00-1298	EA 10" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.17 1.76 5.60 9.80	6.73
08 71 16 00-1299	EA 10" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.77 1.76 5.60 9.80	6.73
08 71 16 00-1300	EA 10" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.99 1.76 5.60 9.80	7.12
08 71 16 00-1301	EA 10" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.59 1.76 5.60 9.80	7.12
08 71 16 00-1302	EA 10" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.20 1.76 5.60 9.80	7.12
08 71 16 00-1303	EA 12" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.64 1.76 5.60 9.80	5.93
08 71 16 00-1304	EA 12" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.18 1.76 5.60 9.80	5.93
08 71 16 00-1305	EA 12" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.71 1.76 5.60 9.80	5.93
08 71 16 00-1306	EA 12" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.25 1.76 5.60 9.80	5.93
08 71 16 00-1307	EA 12" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.35 1.76 5.60 9.80	6.33
08 71 16 00-1308	EA 12" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.90 1.76 5.60 9.80	6.33
08 71 16 00-1309	EA 12" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.44 1.76 5.60 9.80	6.33
08 71 16 00-1310	EA 12" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.97 1.76 5.60 9.80	6.33
08 71 16 00-1311	EA 12" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.09 1.76 5.60 9.80	6.73
08 71 16 00-1312	EA 12" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.62 1.76 5.60 9.80	6.73
08 71 16 00-1313	EA 12" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.15 1.76 5.60 9.80	6.73
08 71 16 00-1314	EA 12" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.27 1.76 5.60 9.80	7.12
08 71 16 00-1315	EA 12" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.82 1.76 5.60 9.80	7.12
08 71 16 00-1316	EA 12" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.34 1.76 5.60 9.80	7.12
08 71 16 00-1317	EA 14" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.36 1.76 5.60 9.80	6.33
08 71 16 00-1318	EA 14" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.83 1.76 5.60 9.80	6.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1319	EA		14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.28 1.76 5.60 9.80	6.33
08 71 16 00-1320	EA		14" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.74 1.76 5.60 9.80	6.33
08 71 16 00-1321	EA		14" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.77 1.76 5.60 9.80	6.73
08 71 16 00-1322	EA		14" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.24 1.76 5.60 9.80	6.73
08 71 16 00-1323	EA		14" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.69 1.76 5.60 9.80	6.73
08 71 16 00-1324	EA		14" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.15 1.76 5.60 9.80	6.73
08 71 16 00-1325	EA		14" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.19 1.76 5.60 9.80	7.12
08 71 16 00-1326	EA		14" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.65 1.76 5.60 9.80	7.12
08 71 16 00-1327	EA		14" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.10 1.76 5.60 9.80	7.12
08 71 16 00-1328	EA		14" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.15 1.76 5.60 9.80	7.52
08 71 16 00-1329	EA		14" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.63 1.76 5.60 9.80	7.52
08 71 16 00-1330	EA		14" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.08 1.76 5.60 9.80	7.52
08 71 16 00-1331	EA		16" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.52 1.76 5.60 9.80	6.33
08 71 16 00-1332	EA		16" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.90 1.76 5.60 9.80	6.33
08 71 16 00-1333	EA		16" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.27 1.76 5.60 9.80	6.33
08 71 16 00-1334	EA		16" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.66 1.76 5.60 9.80	6.33
08 71 16 00-1335	EA		16" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.62 1.76 5.60 9.80	6.73
08 71 16 00-1336	EA		16" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.00 1.76 5.60 9.80	6.73
08 71 16 00-1337	EA		16" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.38 1.76 5.60 9.80	6.73
08 71 16 00-1338	EA		16" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.76 1.76 5.60 9.80	6.73
08 71 16 00-1339	EA		16" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.74 1.76 5.60 9.80	7.12
08 71 16 00-1340	EA		16" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.12 1.76 5.60 9.80	7.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1341	EA	16" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.50 1.76 5.60 9.80	7.12
08 71	16 00-1342	EA	16" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.44 1.76 5.60 9.80	7.52
08 71	16 00-1343	EA	16" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.84 1.76 5.60 9.80	7.52
08 71	16 00-1344	EA	16" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.22 1.76 5.60 9.80	7.52
08 71	16 00-1345	EA	18" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.67 6.30 5.60 9.80	6.33
08 71	16 00-1346	EA	18" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.53 6.30 5.60 9.80	6.33
08 71	16 00-1347	EA	18" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.37 6.30 5.60 9.80	6.33
08 71	16 00-1348	EA	18" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.23 6.30 5.60 9.80	6.33
08 71	16 00-1349	EA	18" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.65 6.30 5.60 9.80	6.73
08 71	16 00-1350	EA	18" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.50 6.30 5.60 9.80	6.73
08 71	16 00-1351	EA	18" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.35 6.30 5.60 9.80	6.73
08 71	16 00-1352	EA	18" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.20 6.30 5.60 9.80	6.73
08 71	16 00-1353	EA	18" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.62 6.30 5.60 9.80	7.12
08 71	16 00-1354	EA	18" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71	16 00-1355	EA	18" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.34 6.30 5.60 9.80	7.12
08 71	16 00-1356	EA	18" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	268.76 6.30 5.60 9.80	7.52
08 71	16 00-1357	EA	18" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	279.62 6.30 5.60 9.80	7.52
08 71	16 00-1358	EA	18" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.46 6.30 5.60 9.80	7.52
08 71	16 00-1359	EA	20" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.50 6.30 5.60 9.80	6.73
08 71	16 00-1360	EA	20" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.58 6.30 5.60 9.80	6.73
08 71	16 00-1361	EA	20" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.62 6.30 5.60 9.80	6.73
08 71	16 00-1362	EA	20" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.69 6.30 5.60 9.80	6.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1363	EA	20" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	209.31	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1364	EA	20" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	221.36	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1365	EA	20" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	233.43	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1366	EA	20" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	245.48	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1367	EA	20" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	259.13	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1368	EA	20" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	271.17	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1369	EA	20" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	283.22	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1370	EA	20" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	296.87	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1371	EA	20" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	308.92	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1372	EA	20" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	320.98	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1373	EA	22" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	172.77	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1374	EA	22" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	186.04	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1375	EA	22" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	199.30	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1376	EA	22" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	212.55	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1377	EA	22" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	227.41	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1378	EA	22" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	240.66	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1379	EA	22" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	253.92	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1380	EA	22" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	267.18	7.12
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1381	EA	22" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	282.03	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1382	EA	22" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	295.29	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1383	EA	22" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	308.55	7.52
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1384	EA	22" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate	.....	323.38	7.91
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1385	EA 22" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	336.64 6.30 5.60 9.80	7.91
08 71 16 00-1386	EA 22" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 5.60 9.80	7.91
08 71 16 00-1387	EA 24" x 22", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.04 6.30 5.60 9.80	6.73
08 71 16 00-1388	EA 24" x 24", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.50 6.30 5.60 9.80	6.73
08 71 16 00-1389	EA 24" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.96 6.30 5.60 9.80	6.73
08 71 16 00-1390	EA 24" x 28", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	229.43 6.30 5.60 9.80	6.73
08 71 16 00-1391	EA 24" x 30", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.48 6.30 5.60 9.80	7.12
08 71 16 00-1392	EA 24" x 32", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	259.94 6.30 5.60 9.80	7.12
08 71 16 00-1393	EA 24" x 34", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	274.43 6.30 5.60 9.80	7.12
08 71 16 00-1394	EA 24" x 36", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	288.88 6.30 5.60 9.80	7.12
08 71 16 00-1395	EA 24" x 38", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.92 6.30 5.60 9.80	7.52
08 71 16 00-1396	EA 24" x 40", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	319.40 6.30 5.60 9.80	7.52
08 71 16 00-1397	EA 24" x 42", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.87 6.30 5.60 9.80	7.52
08 71 16 00-1398	EA 24" x 44", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 5.60 9.80	7.91
08 71 16 00-1399	EA 24" x 46", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	364.38 6.30 5.60 9.80	7.91
08 71 16 00-1400	EA 24" x 48", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	378.85 6.30 5.60 9.80	7.91

08 71 16 00-1401 Stainless Base Material Kick Plate (08 71 16 00-0783)

08 71 16 00-1402 Satin Stainless Finish, Stainless Kick Plate (08 71 16 00-1401)

08 71 16 00-1403	EA 8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.41 1.76 5.60 9.80	5.93
08 71 16 00-1404	EA 8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.58 1.76 5.60 9.80	5.93
08 71 16 00-1405	EA 8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.71 1.76 5.60 9.80	5.93
08 71 16 00-1406	EA 8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.89 1.76 5.60 9.80	5.93
08 71 16 00-1407	EA 8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.61 1.76 5.60 9.80	6.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1408	EA		8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.75 1.76 5.60 9.80	6.33
08 71 16 00-1409	EA		8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.93 1.76 5.60 9.80	6.33
08 71 16 00-1410	EA		8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.07 1.76 5.60 9.80	6.33
08 71 16 00-1411	EA		8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.81 1.76 5.60 9.80	6.73
08 71 16 00-1412	EA		8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.96 1.76 5.60 9.80	6.73
08 71 16 00-1413	EA		8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.11 1.76 5.60 9.80	6.73
08 71 16 00-1414	EA		8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.84 1.76 5.60 9.80	7.12
08 71 16 00-1415	EA		8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.00 1.76 5.60 9.80	7.12
08 71 16 00-1416	EA		8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.14 1.76 5.60 9.80	7.12
08 71 16 00-1417	EA		10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.58 1.76 5.60 9.80	5.93
08 71 16 00-1418	EA		10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.03 1.76 5.60 9.80	5.93
08 71 16 00-1419	EA		10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.48 1.76 5.60 9.80	5.93
08 71 16 00-1420	EA		10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.91 1.76 5.60 9.80	5.93
08 71 16 00-1421	EA		10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.94 1.76 5.60 9.80	6.33
08 71 16 00-1422	EA		10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.38 1.76 5.60 9.80	6.33
08 71 16 00-1423	EA		10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.81 1.76 5.60 9.80	6.33
08 71 16 00-1424	EA		10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.24 1.76 5.60 9.80	6.33
08 71 16 00-1425	EA		10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.29 1.76 5.60 9.80	6.73
08 71 16 00-1426	EA		10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.72 1.76 5.60 9.80	6.73
08 71 16 00-1427	EA		10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.15 1.76 5.60 9.80	6.73
08 71 16 00-1428	EA		10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.18 1.76 5.60 9.80	7.12
08 71 16 00-1429	EA		10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.62 1.76 5.60 9.80	7.12

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1430	EA 10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.06 1.76 5.60 9.80	7.12
08 71 16 00-1431	EA 12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.76 1.76 5.60 9.80	5.93
08 71 16 00-1432	EA 12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.49 1.76 5.60 9.80	5.93
08 71 16 00-1433	EA 12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.22 1.76 5.60 9.80	5.93
08 71 16 00-1434	EA 12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.95 1.76 5.60 9.80	5.93
08 71 16 00-1435	EA 12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.24 1.76 5.60 9.80	6.33
08 71 16 00-1436	EA 12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.98 1.76 5.60 9.80	6.33
08 71 16 00-1437	EA 12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.70 1.76 5.60 9.80	6.33
08 71 16 00-1438	EA 12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.44 1.76 5.60 9.80	6.33
08 71 16 00-1439	EA 12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.74 1.76 5.60 9.80	6.73
08 71 16 00-1440	EA 12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.48 1.76 5.60 9.80	6.73
08 71 16 00-1441	EA 12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.22 1.76 5.60 9.80	6.73
08 71 16 00-1442	EA 12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.51 1.76 5.60 9.80	7.12
08 71 16 00-1443	EA 12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.25 1.76 5.60 9.80	7.12
08 71 16 00-1444	EA 12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.97 1.76 5.60 9.80	7.12
08 71 16 00-1445	EA 14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.51 1.76 5.60 9.80	6.33
08 71 16 00-1446	EA 14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.53 1.76 5.60 9.80	6.33
08 71 16 00-1447	EA 14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.55 1.76 5.60 9.80	6.33
08 71 16 00-1448	EA 14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.57 1.76 5.60 9.80	6.33
08 71 16 00-1449	EA 14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.15 1.76 5.60 9.80	6.73
08 71 16 00-1450	EA 14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.17 1.76 5.60 9.80	6.73
08 71 16 00-1451	EA 14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.19 1.76 5.60 9.80	6.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1452	EA		14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.22 1.76 5.60 9.80	6.73
08 71 16 00-1453	EA		14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.82 1.76 5.60 9.80	7.12
08 71 16 00-1454	EA		14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.81 1.76 5.60 9.80	7.12
08 71 16 00-1455	EA		14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.84 1.76 5.60 9.80	7.12
08 71 16 00-1456	EA		14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.44 1.76 5.60 9.80	7.52
08 71 16 00-1457	EA		14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.46 1.76 5.60 9.80	7.52
08 71 16 00-1458	EA		14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.48 1.76 5.60 9.80	7.52
08 71 16 00-1459	EA		16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.68 1.76 5.60 9.80	6.33
08 71 16 00-1460	EA		16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.98 1.76 5.60 9.80	6.33
08 71 16 00-1461	EA		16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.29 1.76 5.60 9.80	6.33
08 71 16 00-1462	EA		16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.59 1.76 5.60 9.80	6.33
08 71 16 00-1463	EA		16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.48 1.76 5.60 9.80	6.73
08 71 16 00-1464	EA		16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.78 1.76 5.60 9.80	6.73
08 71 16 00-1465	EA		16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.09 1.76 5.60 9.80	6.73
08 71 16 00-1466	EA		16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.39 1.76 5.60 9.80	6.73
08 71 16 00-1467	EA		16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.27 1.76 5.60 9.80	7.12
08 71 16 00-1468	EA		16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.59 1.76 5.60 9.80	7.12
08 71 16 00-1469	EA		16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.90 1.76 5.60 9.80	7.12
08 71 16 00-1470	EA		16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.78 1.76 5.60 9.80	7.52
08 71 16 00-1471	EA		16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.08 1.76 5.60 9.80	7.52
08 71 16 00-1472	EA		16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.40 1.76 5.60 9.80	7.52
08 71 16 00-1473	EA		18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.16 6.30 5.60 9.80	6.33

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1474	EA 18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.88 6.30 5.60 9.80	6.33
08 71 16 00-1475	EA 18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.58 6.30 5.60 9.80	6.33
08 71 16 00-1476	EA 18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.29 6.30 5.60 9.80	6.33
08 71 16 00-1477	EA 18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.60 6.30 5.60 9.80	6.73
08 71 16 00-1478	EA 18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.30 6.30 5.60 9.80	6.73
08 71 16 00-1479	EA 18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.01 6.30 5.60 9.80	6.73
08 71 16 00-1480	EA 18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.71 6.30 5.60 9.80	6.73
08 71 16 00-1481	EA 18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.02 6.30 5.60 9.80	7.12
08 71 16 00-1482	EA 18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.73 6.30 5.60 9.80	7.12
08 71 16 00-1483	EA 18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.43 6.30 5.60 9.80	7.12
08 71 16 00-1484	EA 18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.73 6.30 5.60 9.80	7.52
08 71 16 00-1485	EA 18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.46 6.30 5.60 9.80	7.52
08 71 16 00-1486	EA 18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.16 6.30 5.60 9.80	7.52
08 71 16 00-1487	EA 20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.06 6.30 5.60 9.80	6.73
08 71 16 00-1488	EA 20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.07 6.30 5.60 9.80	6.73
08 71 16 00-1489	EA 20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.09 6.30 5.60 9.80	6.73
08 71 16 00-1490	EA 20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.09 6.30 5.60 9.80	6.73
08 71 16 00-1491	EA 20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.69 6.30 5.60 9.80	7.12
08 71 16 00-1492	EA 20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.71 6.30 5.60 9.80	7.12
08 71 16 00-1493	EA 20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.71 6.30 5.60 9.80	7.12
08 71 16 00-1494	EA 20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.73 6.30 5.60 9.80	7.12
08 71 16 00-1495	EA 20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.32 6.30 5.60 9.80	7.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-1496	EA	20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.34 6.30 5.60 9.80	7.52
08 71	16 00-1497	EA	20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.36 6.30 5.60 9.80	7.52
08 71	16 00-1498	EA	20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.94 6.30 5.60 9.80	7.91
08 71	16 00-1499	EA	20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.96 6.30 5.60 9.80	7.91
08 71	16 00-1500	EA	20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.97 6.30 5.60 9.80	7.91
08 71	16 00-1501	EA	22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.36 6.30 5.60 9.80	6.73
08 71	16 00-1502	EA	22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.69 6.30 5.60 9.80	6.73
08 71	16 00-1503	EA	22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.99 6.30 5.60 9.80	6.73
08 71	16 00-1504	EA	22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.32 6.30 5.60 9.80	6.73
08 71	16 00-1505	EA	22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.20 6.30 5.60 9.80	7.12
08 71	16 00-1506	EA	22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.53 6.30 5.60 9.80	7.12
08 71	16 00-1507	EA	22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.84 6.30 5.60 9.80	7.12
08 71	16 00-1508	EA	22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.15 6.30 5.60 9.80	7.12
08 71	16 00-1509	EA	22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.04 6.30 5.60 9.80	7.52
08 71	16 00-1510	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.36 6.30 5.60 9.80	7.52
08 71	16 00-1511	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.69 6.30 5.60 9.80	7.52
08 71	16 00-1512	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.57 6.30 5.60 9.80	7.91
08 71	16 00-1513	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.90 6.30 5.60 9.80	7.91
08 71	16 00-1514	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.19 6.30 5.60 9.80	7.91
08 71	16 00-1515	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.69 6.30 5.60 9.80	6.73
08 71	16 00-1516	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.30 6.30 5.60 9.80	6.73
08 71	16 00-1517	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.93 6.30 5.60 9.80	6.73

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1518	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	77.53	6.73
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1519	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	82.73	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1520	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	86.35	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1521	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	89.96	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1522	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	93.58	7.12
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1523	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	98.78	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1524	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	102.39	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1525	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	106.01	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1526	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	111.19	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1527	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	114.82	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1528	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	118.45	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

08 71 16 00-1529 Bright Stainless Finish, Stainless Kick Plate (08 71 16 00-1401)

08 71 16 00-1530	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	52.94	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1531	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	55.60	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1532	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	58.25	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1533	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	60.90	5.93
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1534	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	65.13	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1535	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	67.79	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1536	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	70.44	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1537	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	73.10	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1538	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	77.32	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1539	EA	8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	79.98	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1540	EA		8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.65 1.76 5.60 9.80	6.73
08 71 16 00-1541	EA		8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.87 1.76 5.60 9.80	7.12
08 71 16 00-1542	EA		8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.53 1.76 5.60 9.80	7.12
08 71 16 00-1543	EA		8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.17 1.76 5.60 9.80	7.12
08 71 16 00-1544	EA		10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.24 1.76 5.60 9.80	5.93
08 71 16 00-1545	EA		10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.55 1.76 5.60 9.80	5.93
08 71 16 00-1546	EA		10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.88 1.76 5.60 9.80	5.93
08 71 16 00-1547	EA		10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.20 1.76 5.60 9.80	5.93
08 71 16 00-1548	EA		10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.08 1.76 5.60 9.80	6.33
08 71 16 00-1549	EA		10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.40 1.76 5.60 9.80	6.33
08 71 16 00-1550	EA		10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.73 1.76 5.60 9.80	6.33
08 71 16 00-1551	EA		10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.05 1.76 5.60 9.80	6.33
08 71 16 00-1552	EA		10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.94 1.76 5.60 9.80	6.73
08 71 16 00-1553	EA		10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.26 1.76 5.60 9.80	6.73
08 71 16 00-1554	EA		10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.59 1.76 5.60 9.80	6.73
08 71 16 00-1555	EA		10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.46 1.76 5.60 9.80	7.12
08 71 16 00-1556	EA		10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.80 1.76 5.60 9.80	7.12
08 71 16 00-1557	EA		10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.11 1.76 5.60 9.80	7.12
08 71 16 00-1558	EA		12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.53 1.76 5.60 9.80	5.93
08 71 16 00-1559	EA		12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.52 1.76 5.60 9.80	5.93
08 71 16 00-1560	EA		12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.51 1.76 5.60 9.80	5.93
08 71 16 00-1561	EA		12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.49 1.76 5.60 9.80	5.93

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1562	EA	12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.05	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1563	EA	12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	89.01	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1564	EA	12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	93.01	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1565	EA	12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.99	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1566	EA	12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	102.55	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1567	EA	12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	106.53	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.51	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1569	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.08	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1570	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	120.05	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1571	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	124.03	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1572	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	76.42	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1573	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	81.07	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1574	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	85.72	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1575	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	90.36	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1576	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	96.59	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1577	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	101.22	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1578	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	105.87	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1579	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	110.51	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1580	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	116.74	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1581	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	121.39	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1582	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	126.04	7.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1583	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	132.26	7.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1584	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	136.89	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1585	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	141.53	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1586	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	83.71	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1587	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	89.01	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1588	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	94.34	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1589	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	99.64	6.33
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1590	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	106.53	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1591	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	111.84	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1592	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	117.14	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1593	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	122.45	6.73
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1594	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	129.34	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1595	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	134.64	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1596	EA	16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	139.95	7.12
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1597	EA	16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	146.84	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1598	EA	16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	152.17	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1599	EA	16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	157.48	7.52
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1600	EA	18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	91.79	6.33
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1601	EA	18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	97.86	6.33
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1602	EA	18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	103.88	6.33
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1603	EA	18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	109.94	6.33
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1604	EA	18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	117.57	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	
08 71 16 00-1605	EA	18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	123.59	6.73
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For Counter Sink Holes, Add</i>		5.60	
		<i>For UL Label (Fire Rated), Add</i>		9.80	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1606	EA 18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.65 6.30 5.60 9.80	6.73
08 71 16 00-1607	EA 18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.13 6.30 5.60 9.80	6.73
08 71 16 00-1608	EA 18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.32 6.30 5.60 9.80	7.12
08 71 16 00-1609	EA 18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.36 6.30 5.60 9.80	7.12
08 71 16 00-1610	EA 18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.41 6.30 5.60 9.80	7.12
08 71 16 00-1611	EA 18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	163.03 6.30 5.60 9.80	7.52
08 71 16 00-1612	EA 18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.07 6.30 5.60 9.80	7.52
08 71 16 00-1613	EA 18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.11 6.30 5.60 9.80	7.52
08 71 16 00-1614	EA 20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.78 6.30 5.60 9.80	6.73
08 71 16 00-1615	EA 20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.48 6.30 5.60 9.80	6.73
08 71 16 00-1616	EA 20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.20 6.30 5.60 9.80	6.73
08 71 16 00-1617	EA 20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.91 6.30 5.60 9.80	6.73
08 71 16 00-1618	EA 20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.21 6.30 5.60 9.80	7.12
08 71 16 00-1619	EA 20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.94 6.30 5.60 9.80	7.12
08 71 16 00-1620	EA 20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.63 6.30 5.60 9.80	7.12
08 71 16 00-1621	EA 20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.36 6.30 5.60 9.80	7.12
08 71 16 00-1622	EA 20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.64 6.30 5.60 9.80	7.52
08 71 16 00-1623	EA 20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.37 6.30 5.60 9.80	7.52
08 71 16 00-1624	EA 20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.09 6.30 5.60 9.80	7.52
08 71 16 00-1625	EA 20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.37 6.30 5.60 9.80	7.91
08 71 16 00-1626	EA 20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.09 6.30 5.60 9.80	7.91
08 71 16 00-1627	EA 20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.80 6.30 5.60 9.80	7.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1628	EA		22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.16 6.30 5.60 9.80	6.73
08 71 16 00-1629	EA		22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.54 6.30 5.60 9.80	6.73
08 71 16 00-1630	EA		22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.92 6.30 5.60 9.80	6.73
08 71 16 00-1631	EA		22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.31 6.30 5.60 9.80	6.73
08 71 16 00-1632	EA		22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.28 6.30 5.60 9.80	7.12
08 71 16 00-1633	EA		22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.67 6.30 5.60 9.80	7.12
08 71 16 00-1634	EA		22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.07 6.30 5.60 9.80	7.12
08 71 16 00-1635	EA		22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.45 6.30 5.60 9.80	7.12
08 71 16 00-1636	EA		22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.41 6.30 5.60 9.80	7.52
08 71 16 00-1637	EA		22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.79 6.30 5.60 9.80	7.52
08 71 16 00-1638	EA		22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.17 6.30 5.60 9.80	7.52
08 71 16 00-1639	EA		22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	194.14 6.30 5.60 9.80	7.91
08 71 16 00-1640	EA		22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.54 6.30 5.60 9.80	7.91
08 71 16 00-1641	EA		22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	208.92 6.30 5.60 9.80	7.91
08 71 16 00-1642	EA		24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.54 6.30 5.60 9.80	6.73
08 71 16 00-1643	EA		24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.59 6.30 5.60 9.80	6.73
08 71 16 00-1644	EA		24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.66 6.30 5.60 9.80	6.73
08 71 16 00-1645	EA		24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.71 6.30 5.60 9.80	6.73
08 71 16 00-1646	EA		24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.36 6.30 5.60 9.80	7.12
08 71 16 00-1647	EA		24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.41 6.30 5.60 9.80	7.12
08 71 16 00-1648	EA		24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.47 6.30 5.60 9.80	7.12
08 71 16 00-1649	EA		24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.53 6.30 5.60 9.80	7.12

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-1650	EA	24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	183.17	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1651	EA	24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	191.22	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1652	EA	24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	199.29	7.52
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1653	EA	24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	208.92	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1654	EA	24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	216.99	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1655	EA	24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	225.04	7.91
		<i>For Four Beveled Edges, Add</i>	6.30	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

08 71 16 00-1656 Plastic Kick Plate (08 71 16 00-0763)**08 71 16 00-1657 Clear Or Black Finish, Plastic Kick Plate (08 71 16 00-1656)**

Note: With four beveled edges.

08 71 16 00-1658	EA	8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	52.94	5.93
08 71 16 00-1659	EA	8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	55.60	5.93
08 71 16 00-1660	EA	8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	58.25	5.93
08 71 16 00-1661	EA	8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.90	5.93
08 71 16 00-1662	EA	8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.13	6.33
08 71 16 00-1663	EA	8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.79	6.33
08 71 16 00-1664	EA	8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.44	6.33
08 71 16 00-1665	EA	8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.10	6.33
08 71 16 00-1666	EA	8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.32	6.73
08 71 16 00-1667	EA	8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.98	6.73
08 71 16 00-1668	EA	8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.65	6.73
08 71 16 00-1669	EA	8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.87	7.12
08 71 16 00-1670	EA	8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.53	7.12
08 71 16 00-1671	EA	8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.17	7.12
08 71 16 00-1672	EA	10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	60.24	5.93
08 71 16 00-1673	EA	10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.55	5.93
08 71 16 00-1674	EA	10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.88	5.93
08 71 16 00-1675	EA	10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.20	5.93
08 71 16 00-1676	EA	10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.08	6.33
08 71 16 00-1677	EA	10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.40	6.33
08 71 16 00-1678	EA	10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.73	6.33
08 71 16 00-1679	EA	10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.05	6.33
08 71 16 00-1680	EA	10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.94	6.73
08 71 16 00-1681	EA	10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.26	6.73
08 71 16 00-1682	EA	10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.59	6.73
08 71 16 00-1683	EA	10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.46	7.12
08 71 16 00-1684	EA	10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.80	7.12
08 71 16 00-1685	EA	10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.11	7.12
08 71 16 00-1686	EA	12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	67.53	5.93
08 71 16 00-1687	EA	12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.52	5.93
08 71 16 00-1688	EA	12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.51	5.93
08 71 16 00-1689	EA	12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.49	5.93
08 71 16 00-1690	EA	12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.05	6.33
08 71 16 00-1691	EA	12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.01	6.33
08 71 16 00-1692	EA	12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.01	6.33
08 71 16 00-1693	EA	12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.99	6.33
08 71 16 00-1694	EA	12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.55	6.73
08 71 16 00-1695	EA	12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.53	6.73
08 71 16 00-1696	EA	12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.51	6.73
08 71 16 00-1697	EA	12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.08	7.12
08 71 16 00-1698	EA	12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.05	7.12
08 71 16 00-1699	EA	12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	124.03	7.12
08 71 16 00-1700	EA	14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.42	6.33
08 71 16 00-1701	EA	14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.07	6.33
08 71 16 00-1702	EA	14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.72	6.33
08 71 16 00-1703	EA	14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.36	6.33
08 71 16 00-1704	EA	14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.59	6.73
08 71 16 00-1705	EA	14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.22	6.73
08 71 16 00-1706	EA	14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.87	6.73
08 71 16 00-1707	EA	14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	110.51	6.73
08 71 16 00-1708	EA	14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	116.74	7.12
08 71 16 00-1709	EA	14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	121.39	7.12
08 71 16 00-1710	EA	14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	126.04	7.12
08 71 16 00-1711	EA	14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.26	7.52
08 71 16 00-1712	EA	14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	136.89	7.52
08 71 16 00-1713	EA	14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	141.53	7.52
08 71 16 00-1714	EA	16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.71	6.33

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

08 71 16 00-1715	EA	16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	89.01	6.33
08 71 16 00-1716	EA	16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	94.34	6.33
08 71 16 00-1717	EA	16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.64	6.33
08 71 16 00-1718	EA	16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	106.53	6.73
08 71 16 00-1719	EA	16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	111.84	6.73
08 71 16 00-1720	EA	16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	117.14	6.73
08 71 16 00-1721	EA	16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.45	6.73
08 71 16 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.34	7.12
08 71 16 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.64	7.12
08 71 16 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.95	7.12
08 71 16 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.84	7.52
08 71 16 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	152.17	7.52
08 71 16 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.48	7.52
08 71 16 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	91.79	6.33
08 71 16 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	97.86	6.33
08 71 16 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	103.88	6.33
08 71 16 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	109.94	6.33
08 71 16 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	117.57	6.73
08 71 16 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	123.59	6.73
08 71 16 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.65	6.73
08 71 16 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.13	6.73
08 71 16 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	143.32	7.12
08 71 16 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	149.36	7.12
08 71 16 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	155.41	7.12
08 71 16 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	163.03	7.52
08 71 16 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	169.07	7.52
08 71 16 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	175.11	7.52
08 71 16 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	100.78	6.73
08 71 16 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	107.48	6.73
08 71 16 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	114.20	6.73
08 71 16 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	120.91	6.73
08 71 16 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.21	7.12
08 71 16 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	135.94	7.12
08 71 16 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	142.63	7.12
08 71 16 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	149.36	7.12
08 71 16 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.64	7.52
08 71 16 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	164.37	7.52
08 71 16 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	171.09	7.52
08 71 16 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	179.37	7.91
08 71 16 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	186.09	7.91
08 71 16 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	192.80	7.91
08 71 16 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	108.16	6.73
08 71 16 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.54	6.73
08 71 16 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.92	6.73
08 71 16 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	130.31	6.73
08 71 16 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.28	7.12
08 71 16 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.67	7.12
08 71 16 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.07	7.12
08 71 16 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	161.45	7.12
08 71 16 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	170.41	7.52
08 71 16 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	177.79	7.52
08 71 16 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	185.17	7.52
08 71 16 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	194.14	7.91
08 71 16 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	201.54	7.91
08 71 16 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	208.92	7.91
08 71 16 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.54	6.73
08 71 16 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	123.59	6.73
08 71 16 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	131.66	6.73
08 71 16 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.71	6.73
08 71 16 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	149.36	7.12
08 71 16 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.41	7.12
08 71 16 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	165.47	7.12
08 71 16 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.53	7.12
08 71 16 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	183.17	7.52
08 71 16 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	191.22	7.52
08 71 16 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	199.29	7.52
08 71 16 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	208.92	7.91
08 71 16 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	216.99	7.91
08 71 16 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	225.04	7.91

08 71 16 00-1784 Mop Plate (08 71 16 00-0762)
 Note: Ives 8400.

08 71 16 00-1785 Aluminum Base Material Mop Plate (08 71 16 00-1784)

08 71 16 00-1786 Satin Aluminum Finish, Aluminum Mop Plate (08 71 16 00-1785)

08 71 16 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	29.59	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate	30.20	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1789	EA 4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	30.78 1.76 5.60 9.80	5.78
08 71 16 00-1790	EA 4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	31.39 1.76 5.60 9.80	5.78
08 71 16 00-1791	EA 4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	32.94 1.76 5.60 9.80	6.01
08 71 16 00-1792	EA 4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.53 1.76 5.60 9.80	6.01
08 71 16 00-1793	EA 4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.13 1.76 5.60 9.80	6.01
08 71 16 00-1794	EA 4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.72 1.76 5.60 9.80	6.01
08 71 16 00-1795	EA 4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.67 1.76 5.60 9.80	6.33
08 71 16 00-1796	EA 4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.27 1.76 5.60 9.80	6.33
08 71 16 00-1797	EA 4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.86 1.76 5.60 9.80	6.33
08 71 16 00-1798	EA 4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.04 1.76 5.60 9.80	6.73
08 71 16 00-1799	EA 4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.65 1.76 5.60 9.80	6.73
08 71 16 00-1800	EA 4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.23 1.76 5.60 9.80	6.73
08 71 16 00-1801	EA 6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	32.87 1.76 5.60 9.80	5.78
08 71 16 00-1802	EA 6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.77 1.76 5.60 9.80	5.78
08 71 16 00-1803	EA 6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.67 1.76 5.60 9.80	5.78
08 71 16 00-1804	EA 6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.56 1.76 5.60 9.80	5.78
08 71 16 00-1805	EA 6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	37.42 1.76 5.60 9.80	6.01
08 71 16 00-1806	EA 6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.30 1.76 5.60 9.80	6.01
08 71 16 00-1807	EA 6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.21 1.76 5.60 9.80	6.01
08 71 16 00-1808	EA 6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.10 1.76 5.60 9.80	6.01
08 71 16 00-1809	EA 6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.35 1.76 5.60 9.80	6.33
08 71 16 00-1810	EA 6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.24 1.76 5.60 9.80	6.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1811	EA		6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.15 1.76 5.60 9.80	6.33
08 71 16 00-1812	EA		6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.62 1.76 5.60 9.80	6.73
08 71 16 00-1813	EA		6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.52 1.76 5.60 9.80	6.73
08 71 16 00-1814	EA		6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.41 1.76 5.60 9.80	6.73
08 71 16 00-1815			Brass Base Material Mop Plate (08 71 16 00-1784)		
08 71 16 00-1816			Bright/Satin Brass Finish, Brass Mop Plate (08 71 16 00-1815)		
08 71 16 00-1817	EA		4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.20 1.76 5.60 9.80	5.78
08 71 16 00-1818	EA		4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.96 1.76 5.60 9.80	5.78
08 71 16 00-1819	EA		4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.70 1.76 5.60 9.80	5.78
08 71 16 00-1820	EA		4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.46 1.76 5.60 9.80	5.78
08 71 16 00-1821	EA		4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.14 1.76 5.60 9.80	6.01
08 71 16 00-1822	EA		4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.88 1.76 5.60 9.80	6.01
08 71 16 00-1823	EA		4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.64 1.76 5.60 9.80	6.01
08 71 16 00-1824	EA		4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.38 1.76 5.60 9.80	6.01
08 71 16 00-1825	EA		4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.48 1.76 5.60 9.80	6.33
08 71 16 00-1826	EA		4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.22 1.76 5.60 9.80	6.33
08 71 16 00-1827	EA		4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.96 1.76 5.60 9.80	6.33
08 71 16 00-1828	EA		4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.29 1.76 5.60 9.80	6.73
08 71 16 00-1829	EA		4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.03 1.76 5.60 9.80	6.73
08 71 16 00-1830	EA		4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.79 1.76 5.60 9.80	6.73
08 71 16 00-1831	EA		6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.82 1.76 5.60 9.80	5.78
08 71 16 00-1832	EA		6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.43 1.76 5.60 9.80	5.78
08 71 16 00-1833	EA		6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.05 1.76 5.60 9.80	5.78

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1834	EA	6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	59.66	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1835	EA	6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	63.23	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1836	EA	6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	65.86	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1837	EA	6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	68.46	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1838	EA	6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	71.09	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1839	EA	6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	75.04	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1840	EA	6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	77.67	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1841	EA	6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	80.29	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1842	EA	6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	84.48	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1843	EA	6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	87.10	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1844	EA	6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate.....	89.71	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1845		Bright/Satin Chrome Finish, Brass Mop Plate (08 71 16 00-1815)		
08 71 16 00-1846	EA	4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	44.02	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1847	EA	4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	45.92	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1848	EA	4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	47.83	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1849	EA	4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	49.74	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1850	EA	4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	52.59	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1851	EA	4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	54.51	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1852	EA	4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	56.42	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1853	EA	4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	58.32	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1854	EA	4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	61.58	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1855	EA	4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate.....	63.50	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1856	EA		4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.41 1.76 5.60 9.80	6.33
08 71 16 00-1857	EA		4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.90 1.76 5.60 9.80	6.73
08 71 16 00-1858	EA		4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.80 1.76 5.60 9.80	6.73
08 71 16 00-1859	EA		4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.71 1.76 5.60 9.80	6.73
08 71 16 00-1860	EA		6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.52 1.76 5.60 9.80	5.78
08 71 16 00-1861	EA		6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.37 1.76 5.60 9.80	5.78
08 71 16 00-1862	EA		6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.24 1.76 5.60 9.80	5.78
08 71 16 00-1863	EA		6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.11 1.76 5.60 9.80	5.78
08 71 16 00-1864	EA		6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.91 1.76 5.60 9.80	6.01
08 71 16 00-1865	EA		6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.78 1.76 5.60 9.80	6.01
08 71 16 00-1866	EA		6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.63 1.76 5.60 9.80	6.01
08 71 16 00-1867	EA		6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.51 1.76 5.60 9.80	6.01
08 71 16 00-1868	EA		6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.73 1.76 5.60 9.80	6.33
08 71 16 00-1869	EA		6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.58 1.76 5.60 9.80	6.33
08 71 16 00-1870	EA		6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.45 1.76 5.60 9.80	6.33
08 71 16 00-1871	EA		6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.88 1.76 5.60 9.80	6.73
08 71 16 00-1872	EA		6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.75 1.76 5.60 9.80	6.73
08 71 16 00-1873	EA		6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.62 1.76 5.60 9.80	6.73
08 71 16 00-1874			Satin/Dark Bronze Finish, Brass Mop Plate (08 71 16 00-1815)		
08 71 16 00-1875	EA		4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.36 1.76 5.60 9.80	5.78
08 71 16 00-1876	EA		4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.30 1.76 5.60 9.80	5.78
08 71 16 00-1877	EA		4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.24 1.76 5.60 9.80	5.78

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1878	EA 4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.18 1.76 5.60 9.80	5.78
08 71 16 00-1879	EA 4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.07 1.76 5.60 9.80	6.01
08 71 16 00-1880	EA 4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.02 1.76 5.60 9.80	6.01
08 71 16 00-1881	EA 4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.97 1.76 5.60 9.80	6.01
08 71 16 00-1882	EA 4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.91 1.76 5.60 9.80	6.01
08 71 16 00-1883	EA 4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.18 1.76 5.60 9.80	6.33
08 71 16 00-1884	EA 4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.13 1.76 5.60 9.80	6.33
08 71 16 00-1885	EA 4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.08 1.76 5.60 9.80	6.33
08 71 16 00-1886	EA 4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.60 1.76 5.60 9.80	6.73
08 71 16 00-1887	EA 4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.55 1.76 5.60 9.80	6.73
08 71 16 00-1888	EA 4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.47 1.76 5.60 9.80	6.73
08 71 16 00-1889	EA 6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.03 1.76 5.60 9.80	5.78
08 71 16 00-1890	EA 6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.96 1.76 5.60 9.80	5.78
08 71 16 00-1891	EA 6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.87 1.76 5.60 9.80	5.78
08 71 16 00-1892	EA 6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	69.44 1.76 5.60 9.80	5.78
08 71 16 00-1893	EA 6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.63 1.76 5.60 9.80	6.01
08 71 16 00-1894	EA 6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.54 1.76 5.60 9.80	6.01
08 71 16 00-1895	EA 6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.45 1.76 5.60 9.80	6.01
08 71 16 00-1896	EA 6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.35 1.76 5.60 9.80	6.01
08 71 16 00-1897	EA 6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.63 1.76 5.60 9.80	6.33
08 71 16 00-1898	EA 6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.54 1.76 5.60 9.80	6.33
08 71 16 00-1899	EA 6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.45 1.76 5.60 9.80	6.33

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-1900	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.93 1.76 5.60 9.80	6.73
08 71 16 00-1901	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.84 1.76 5.60 9.80	6.73
08 71 16 00-1902	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.75 1.76 5.60 9.80	6.73
08 71 16 00-1903 Satin Nickel Finish, Brass Mop Plate (08 71 16 00-1815)				
08 71 16 00-1904	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.78 1.76 5.60 9.80	5.78
08 71 16 00-1905	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	46.73 1.76 5.60 9.80	5.78
08 71 16 00-1906	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.73 1.76 5.60 9.80	5.78
08 71 16 00-1907	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	50.71 1.76 5.60 9.80	5.78
08 71 16 00-1908	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	53.64 1.76 5.60 9.80	6.01
08 71 16 00-1909	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.60 1.76 5.60 9.80	6.01
08 71 16 00-1910	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	57.58 1.76 5.60 9.80	6.01
08 71 16 00-1911	EA	4" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.56 1.76 5.60 9.80	6.01
08 71 16 00-1912	EA	4" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.91 1.76 5.60 9.80	6.33
08 71 16 00-1913	EA	4" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.87 1.76 5.60 9.80	6.33
08 71 16 00-1914	EA	4" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.84 1.76 5.60 9.80	6.33
08 71 16 00-1915	EA	4" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.41 1.76 5.60 9.80	6.73
08 71 16 00-1916	EA	4" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.39 1.76 5.60 9.80	6.73
08 71 16 00-1917	EA	4" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.35 1.76 5.60 9.80	6.73
08 71 16 00-1918	EA	6" x 22", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	55.65 1.76 5.60 9.80	5.78
08 71 16 00-1919	EA	6" x 24", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.61 1.76 5.60 9.80	5.78
08 71 16 00-1920	EA	6" x 26", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.58 1.76 5.60 9.80	5.78
08 71 16 00-1921	EA	6" x 28", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.54 1.76 5.60 9.80	5.78

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-1922	EA	6" x 30", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	68.46	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1923	EA	6" x 32", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	71.42	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1924	EA	6" x 34", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	74.39	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1925	EA	6" x 36", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	77.36	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1926	EA	6" x 38", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	81.68	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1927	EA	6" x 40", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	84.65	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1928	EA	6" x 42", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	87.62	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1929	EA	6" x 44", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	92.16	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1930	EA	6" x 46", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	95.12	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1931	EA	6" x 48", 0.050" Thick, Satin/Nickel Finish, Brass Mop Plate	98.10	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

08 71 16 00-1932 Stainless Base Material Mop Plate (08 71 16 00-1784)

08 71 16 00-1933 Satin Stainless Finish, Stainless Mop Plate (08 71 16 00-1932)

08 71 16 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.01	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	30.63	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.27	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	31.90	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	33.49	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.13	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	34.75	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	35.39	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	37.37	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.01	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	38.65	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1945	EA		4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.85 1.76 5.60 9.80	6.73
08 71 16 00-1946	EA		4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.49 1.76 5.60 9.80	6.73
08 71 16 00-1947	EA		4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.12 1.76 5.60 9.80	6.73
08 71 16 00-1948	EA		6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	33.48 1.76 5.60 9.80	5.78
08 71 16 00-1949	EA		6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	34.44 1.76 5.60 9.80	5.78
08 71 16 00-1950	EA		6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	35.39 1.76 5.60 9.80	5.78
08 71 16 00-1951	EA		6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	36.35 1.76 5.60 9.80	5.78
08 71 16 00-1952	EA		6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.24 1.76 5.60 9.80	6.01
08 71 16 00-1953	EA		6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.19 1.76 5.60 9.80	6.01
08 71 16 00-1954	EA		6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	40.15 1.76 5.60 9.80	6.01
08 71 16 00-1955	EA		6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.10 1.76 5.60 9.80	6.01
08 71 16 00-1956	EA		6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	43.41 1.76 5.60 9.80	6.33
08 71 16 00-1957	EA		6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	44.35 1.76 5.60 9.80	6.33
08 71 16 00-1958	EA		6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	45.30 1.76 5.60 9.80	6.33
08 71 16 00-1959	EA		6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	47.84 1.76 5.60 9.80	6.73
08 71 16 00-1960	EA		6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	48.78 1.76 5.60 9.80	6.73
08 71 16 00-1961	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	49.74 1.76 5.60 9.80	6.73
08 71 16 00-1962			Bright Stainless Finish, Stainless Mop Plate (08 71 16 00-1932)		
08 71 16 00-1963	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	38.54 1.76 5.60 9.80	5.78
08 71 16 00-1964	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	39.96 1.76 5.60 9.80	5.78
08 71 16 00-1965	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	41.38 1.76 5.60 9.80	5.78
08 71 16 00-1966	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	42.77 1.76 5.60 9.80	5.78

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 16 00-1967	EA	4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	45.14	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1968	EA	4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	46.55	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1969	EA	4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	47.97	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1970	EA	4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	49.39	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1971	EA	4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	52.14	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1972	EA	4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	53.55	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1973	EA	4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	54.97	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1974	EA	4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.96	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1975	EA	4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	59.38	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1976	EA	4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	60.78	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1977	EA	6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	46.30	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1978	EA	6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	48.44	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1979	EA	6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	50.56	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1980	EA	6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	52.67	5.78
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1981	EA	6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	55.73	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1982	EA	6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	57.85	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1983	EA	6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	59.96	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1984	EA	6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	62.08	6.01
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1985	EA	6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	65.56	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1986	EA	6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	67.68	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1987	EA	6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	69.80	6.33
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	
08 71 16 00-1988	EA	6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	73.49	6.73
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For Counter Sink Holes, Add</i>	5.60	
		<i>For UL Label (Fire Rated), Add</i>	9.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-1989	EA		6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.60 1.76 5.60 9.80	6.73
08 71 16 00-1990	EA		6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For Counter Sink Holes, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.72 1.76 5.60 9.80	6.73
08 71 16 00-1991			Plastic Mop Plate (08 71 16 00-1784)		
08 71 16 00-1992			Clear Or Black Finish, Plastic Mop Plate (08 71 16 00-1991) Note: With four beveled edges.		
08 71 16 00-1993	EA		4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	28.83	5.78
08 71 16 00-1994	EA		4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	29.36	5.78
08 71 16 00-1995	EA		4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	29.90	5.78
08 71 16 00-1996	EA		4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	30.42	5.78
08 71 16 00-1997	EA		4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	31.90	6.01
08 71 16 00-1998	EA		4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	32.43	6.01
08 71 16 00-1999	EA		4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	32.95	6.01
08 71 16 00-2000	EA		4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	33.49	6.01
08 71 16 00-2001	EA		4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	35.37	6.33
08 71 16 00-2002	EA		4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	35.90	6.33
08 71 16 00-2003	EA		4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	36.42	6.33
08 71 16 00-2004	EA		4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	38.53	6.73
08 71 16 00-2005	EA		4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	39.07	6.73
08 71 16 00-2006	EA		4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	39.59	6.73
08 71 16 00-2007	EA		6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	31.74	5.78
08 71 16 00-2008	EA		6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	32.54	5.78
08 71 16 00-2009	EA		6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	33.33	5.78
08 71 16 00-2010	EA		6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	34.12	5.78
08 71 16 00-2011	EA		6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	35.87	6.01
08 71 16 00-2012	EA		6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	36.66	6.01
08 71 16 00-2013	EA		6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	37.45	6.01
08 71 16 00-2014	EA		6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	38.24	6.01
08 71 16 00-2015	EA		6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	40.39	6.33
08 71 16 00-2016	EA		6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	41.18	6.33
08 71 16 00-2017	EA		6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	41.97	6.33
08 71 16 00-2018	EA		6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	44.35	6.73
08 71 16 00-2019	EA		6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	45.14	6.73
08 71 16 00-2020	EA		6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	45.93	6.73
08 71 16 00-2021			Armor Door Plate (08 71 16 00-0762) Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 16 00-2022	SF		4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	13.48	0.99
08 71 16 00-2023	SF		>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate	12.60	0.78
08 71 16 00-2024	SF		4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	14.81	0.99
08 71 16 00-2025	SF		>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate	13.93	0.78
08 71 16 00-2026	SF		4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	28.13	0.99
08 71 16 00-2027	SF		>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate	27.25	0.78
08 71 16 00-2028			Pull Handle And Plates (08 71 16 00-0762)		
08 71 16 00-2029			Pull Handle (08 71 16 00-2028)		
08 71 16 00-2030	EA		3/4" Diameter Aluminum Door Pulls, 6" Long	49.54	6.52
			<i>For Stainless Steel, Add</i>	9.84	
			<i>For Brass, Add</i>	13.36	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2031	EA		3/4" Diameter Aluminum Door Pulls, 8" Long.....	49.54	6.52
			<i>For Stainless Steel, Add</i>	9.84	
			<i>For Brass, Add</i>	13.36	
08 71 16 00-2032	EA		3/4" Diameter Aluminum Door Pulls, 10" Long.....	51.85	6.52
			<i>For Stainless Steel, Add</i>	10.81	
			<i>For Brass, Add</i>	14.67	
08 71 16 00-2033	EA		1" Diameter Aluminum Door Pulls, 8" Long	57.32	6.52
			<i>For Stainless Steel, Add</i>	13.11	
			<i>For Brass, Add</i>	17.79	
08 71 16 00-2034	EA		1" Diameter Aluminum Door Pulls, 10" Long.....	60.45	6.52
			<i>For Stainless Steel, Add</i>	14.42	
			<i>For Brass, Add</i>	19.57	
08 71 16 00-2035	EA		1" Diameter Aluminum Door Pulls, 12" Long.....	64.59	6.52
			<i>For Stainless Steel, Add</i>	16.16	
			<i>For Brass, Add</i>	21.93	
08 71 16 00-2036	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 6" Long.....	52.40	6.52
			<i>For Stainless Steel, Add</i>	11.04	
			<i>For Brass, Add</i>	14.99	
08 71 16 00-2037	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 8" Long.....	52.40	6.52
			<i>For Stainless Steel, Add</i>	11.04	
			<i>For Brass, Add</i>	14.99	
08 71 16 00-2038	EA		1" Flattened x 1/2" Round Aluminum Door Pulls, 10" Long.....	55.00	6.52
			<i>For Stainless Steel, Add</i>	12.13	
			<i>For Brass, Add</i>	16.47	
08 71 16 00-2039	EA		1" Diameter Stainless Steel Offset Door Pulls, 8" Long	90.82	6.52
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	12.23	
			<i>For Brass, Add</i>	11.26	
08 71 16 00-2040	EA		1" Diameter Stainless Steel Offset Door Pulls, 10" Long	95.04	6.52
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	13.03	
			<i>For Brass, Add</i>	11.99	
08 71 16 00-2041	EA		1" Diameter Stainless Steel Offset Door Pulls, 12" Long	99.27	6.52
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	13.83	
			<i>For Brass, Add</i>	12.73	
08 71 16 00-2042	EA		1" Diameter Stainless Steel Offset Door Pulls, 18" Long	118.96	6.52
			<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	17.55	
			<i>For Brass, Add</i>	16.16	
08 71 16 00-2043			Pull Plate (08 71 16 00-2028)		
08 71 16 00-2044	EA		3-1/2" x 15" Aluminum Pull Plate Door Hardware	47.16	4.94
			<i>For Stainless Steel, Add</i>	16.15	
			<i>For Brass, Add</i>	20.54	
08 71 16 00-2045	EA		6" x 16" Aluminum Pull Plate Door Hardware	50.28	4.94
			<i>For Stainless Steel, Add</i>	18.00	
			<i>For Brass, Add</i>	22.88	
08 71 16 00-2046	EA		4" x 16" Aluminum Pull Plate Door Hardware	48.11	4.94
			<i>For Stainless Steel, Add</i>	16.71	
			<i>For Brass, Add</i>	21.25	
08 71 16 00-2047			Push Bars And Plates (08 71 16 00-0762)		
08 71 16 00-2048			Push Bars (08 71 16 00-2047)		
08 71 16 00-2049	EA		3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate.....	165.78	4.94
			Note: Up to 34" wide. All finishes.		
08 71 16 00-2050	EA		3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	112.48	4.94
			<i>For Brass Push Bar, Add</i>	16.13	
08 71 16 00-2051	EA		1" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	116.38	4.94
			<i>For Brass Push Bar, Add</i>	16.81	
08 71 16 00-2052	EA		1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide.....	212.97	4.94
			<i>For Brass Push Bar, Add</i>	33.62	
08 71 16 00-2053			Push Plates (08 71 16 00-2047)		
08 71 16 00-2054			Aluminum Push Plates (08 71 16 00-2053)		
08 71 16 00-2055			Clear Anodized Finish, Aluminum Push Plates (08 71 16 00-2054)		
			Note: Ives 8200 Series.		
08 71 16 00-2056	EA		3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	26.66	4.94
08 71 16 00-2057	EA		4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	26.66	4.94
08 71 16 00-2058	EA		6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	26.66	4.94
08 71 16 00-2059	EA		8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	28.40	4.94
08 71 16 00-2060			Stainless Steel Push Plates (08 71 16 00-2053)		
08 71 16 00-2061			Satin Finish, Stainless Steel Push Plates (08 71 16 00-2060)		
			Note: Ives 8200 Series.		
08 71 16 00-2062	EA		3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware.....	26.66	4.94
08 71 16 00-2063	EA		4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	28.00	4.94
08 71 16 00-2064	EA		6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	31.05	4.94
08 71 16 00-2065	EA		8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	35.57	4.94
08 71 16 00-2066			Brass Push Plates (08 71 16 00-2053)		
08 71 16 00-2067			Bright/Satin Brass Finish, Brass Push Plates (08 71 16 00-2066)		
			Note: Ives 8200 Series.		

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

08 71 16 00-2068	EA		3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	30.74	4.94
08 71 16 00-2069	EA		4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	34.18	4.94
08 71 16 00-2070	EA		6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	42.45	4.94
08 71 16 00-2071	EA		8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	47.89	4.94
08 71 16 00-2072			Bright/Satin Chrome Finish, Brass Push Plates (08 71 16 00-2066)		
			Note: Ives 8200 Series.		
08 71 16 00-2073	EA		3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	33.49	4.94
08 71 16 00-2074	EA		4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	36.28	4.94
08 71 16 00-2075	EA		6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	43.86	4.94
08 71 16 00-2076	EA		8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	51.33	4.94
08 71 16 00-2077			Satin/Dark Bronze Finish, Brass Push Plates (08 71 16 00-2066)		
			Note: Ives 8200 Series.		
08 71 16 00-2078	EA		3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	33.49	4.94
08 71 16 00-2079	EA		4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	36.28	4.94
08 71 16 00-2080	EA		6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	45.20	4.94
08 71 16 00-2081	EA		8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	52.08	4.94
08 71 16 00-2082			Satin Nickel Finish, Brass Push Plates (08 71 16 00-2066)		
			Note: Ives 8200 Series.		
08 71 16 00-2083	EA		3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	33.49	4.94
08 71 16 00-2084	EA		4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	36.98	4.94
08 71 16 00-2085	EA		6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	47.32	4.94
08 71 16 00-2086	EA		8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	54.20	4.94
08 71 16 00-2087			Exit Devices (08 71 16)		
08 71 16 00-2088			Push Bar Exit Device, Von Duprin Series 22 (08 71 16 00-2087)		
			Note: Grade 1, BHMA 156.3.		
08 71 16 00-2089	EA		3' Push Bar Exit Device, Rim Type	522.24	89.01
			Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22.		
			For 4' Push Bar, Add	13.00	
08 71 16 00-2090	EA		3' Push Bar Exit Device, Rim Type, Fire Rated	578.61	89.01
			Note: Anodized finish: aluminum or dark brown. Von Duprin Series 22-F.		
			For 4' Push Bar, Add	13.00	
08 71 16 00-2091	EA		3' Push Bar Exit Device, Surface Vertical Rods.....	752.18	106.81
			Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227.		
			For 4' Push Bar, Add	13.00	
08 71 16 00-2092	EA		3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated	892.58	98.90
			Note: Anodized finish: aluminum or dark brown. Von Duprin Series 2227-F.		
			For 4' Push Bar, Add	13.00	
08 71 16 00-2093	EA		Dummy Trim (210DT), Von Duprin Series 22	71.41	14.84
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2094	EA		Night Latch Trim (210NL) With Cylinder, Von Duprin Series 22	156.13	19.78
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2095	EA		Knob Trim (210K) With Cylinder, Von Duprin Series 22	286.47	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2096	EA		Lever Trim (230L) With Cylinder, Von Duprin Series 22	283.87	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2097	EA		Thumbpiece Trim (230TP) With Cylinder, Von Duprin Series 22.....	283.22	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2098	EA		Knob - Blank Escutcheon (210K-BE), Von Duprin Series 22	222.77	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2099	EA		Exit Only Trim Plate (230EO), Von Duprin Series 22.....	90.14	11.87
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2100	EA		Dummy Trim (230DT), Von Duprin Series 22	104.56	14.84
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2101	EA		Night Latch Trim (230NL) With Cylinder, Von Duprin Series 22	190.58	19.78
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2102	EA		Lever - Blank Escutcheon (230L-BE), Von Duprin Series 22.....	220.17	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2103	EA		Thumbpiece - Blank Escutcheon (230TP-BE), Von Duprin Series 22	219.52	29.67
			Note: Anodized finish: aluminum or dark brown.		
08 71 16 00-2104			Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 (08 71 16 00-2087)		
			Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 16 00-2105	EA		3' Push Bar Exit Device, Rim Type, Narrow Stile.....	962.11	89.01
			Note: Aluminum anodized finish. Von Duprin Series 33/35.		
			For 4' Push Bar, Add	13.00	
			For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	74.21	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	142.41	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	27.54	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	211.63	
08 71 16 00-2106	EA		3' Push Bar Exit Device, Surface Vertical Rods, Narrow Stile	1,304.03	106.81
			Note: Aluminum anodized finish. Von Duprin Series 3327/3527.		
			For 4' Push Bar, Add	13.00	
			For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	104.37	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	200.27	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	38.73	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	297.61	

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-2107	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Narrow Stile	1,328.73	106.81
		Note: Aluminum anodized finish. Von Duprin Series 3327-F/3527-F.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	106.90	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	205.13	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	39.67	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	304.82	
08 71 16 00-2108	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,356.65	122.64
		Note: Aluminum anodized finish. Von Duprin Series 3347/3547.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	105.30	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	202.06	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	39.08	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	300.26	
08 71 16 00-2109	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,420.35	122.64
		Note: Aluminum anodized finish. Von Duprin Series 3347-F/3547-F.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	111.82	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	214.58	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	41.50	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	318.86	
08 71 16 00-2110	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Narrow Stile	1,509.40	122.64
		Note: Aluminum anodized finish. Von Duprin Series 3348/3548.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	120.94	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	232.08	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	44.88	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	344.87	
08 71 16 00-2111	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Narrow Stile	1,573.10	122.64
		Note: Aluminum anodized finish. Von Duprin Series 3348-F/3548-F.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	127.46	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	244.59	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	47.30	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	363.47	
08 71 16 00-2112	EA	Dummy Trim (DT), Von Duprin Series 33/35	213.76	14.84
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	34.23	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	6.62	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	50.87	
08 71 16 00-2113	EA	Night Latch Less Pull (NL-OP With Cylinder, Von Duprin Series 33/35)	269.88	19.78
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	42.15	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	8.15	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	62.63	
08 71 16 00-2114	EA	Night Latch (NL) With Cylinder, Von Duprin Series 33/35	426.53	19.78
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	72.93	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	14.10	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	108.38	
08 71 16 00-2115	EA	Lever Trim (360L) With Cylinder, Von Duprin Series 33/35	535.42	29.67
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	89.66	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	17.34	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	133.24	
08 71 16 00-2116	EA	Lever - Blank Escutcheon (360L-BE) With Cylinder, Von Duprin Series 33/35	514.62	29.67
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	85.58	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.55	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	127.17	
08 71 16 00-2117	EA	Lever Dummy Trim (360L-DT) With Cylinder, Von Duprin Series 33/35	504.87	29.67
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	83.66	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.18	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	124.32	
08 71 16 00-2118	EA	Thumbturn Trim (360T) With Cylinder, Von Duprin Series 33/35	509.42	29.67
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	84.55	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.35	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	125.65	
08 71 16 00-2119		Push Bar Exit Device, Von Duprin Series 98/99 <small>(08 71 16 00-2087)</small>		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 16 00-2120	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series 98/99	854.21	89.01
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For DuraNodic Dark Bronze US313 (BHMA 710) Finish, Add	37.63	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	59.83	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	95.61	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	195.54	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	61.69	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	90.68	
		For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
		For Special Center Case Dogging (SD), Add	172.13	
		For Cylinder Dogging Indicator (CI), Add	114.57	
		For Dogging Indicator (DI), Add	105.25	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2121	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series 98-F/99-F.....	962.11	89.01
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	44.21	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	70.30	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	112.34	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	229.75	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	72.48	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	106.54	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2122	EA	3' Push Bar Exit Device, Rim Type, Von Duprin Series XP98/XP99.....	926.36	89.01
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	42.03	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	66.83	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	106.80	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	218.41	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	68.90	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	101.28	
			For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
			For Special Center Case Dogging (SD), Add	172.13	
			For Cylinder Dogging Indicator (CI), Add	114.57	
			For Dogging Indicator (DI), Add	105.25	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2123	EA	3' Push Bar Exit Device, Rim Type, Fire Rated, Von Duprin Series XP98-F/XP99-F	1,031.66	89.01
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	48.45	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	77.05	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	123.12	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	251.79	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	79.43	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	116.76	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2124	EA	3' Push Bar Exit Device, Surface Vertical Rods, Von Duprin Series 9827/9927	1,205.88	106.81
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	56.18	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	89.34	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	142.76	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	291.97	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	92.11	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	135.39	
			For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
			For Special Center Case Dogging (SD), Add	172.13	
			For Cylinder Dogging Indicator (CI), Add	114.57	
			For Dogging Indicator (DI), Add	105.25	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2125	EA	3' Push Bar Exit Device, Surface Vertical Rods, Fire Rated, Von Duprin Series 9827-F/9927-F	1,352.13	106.81
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	65.11	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	103.53	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	165.43	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	338.33	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	106.73	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	156.89	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2126	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9847/9947	1,273.45	122.64
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	87.89	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	91.67	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	146.49	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	299.60	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	94.51	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	138.93	
			For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
			For Special Center Case Dogging (SD), Add	172.13	
			For Cylinder Dogging Indicator (CI), Add	114.57	
			For Dogging Indicator (DI), Add	105.25	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	
08 71	16 00-2127	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847-F/9947-F	1,422.95	122.64
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	101.80	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	106.18	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	169.66	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	346.99	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	109.46	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	160.91	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
			For Safety Glow Touchpad, Add	191.86	

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-2128	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Von Duprin Series 9848/9948	1,426.20	122.64
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	102.10	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	106.49	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	170.17	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	348.02	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	109.79	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	161.38	
		For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
		For Special Center Case Dogging (SD), Add	172.13	
		For Cylinder Dogging Indicator (CI), Add	114.57	
		For Dogging Indicator (DI), Add	105.25	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	
08 71 16 00-2129	EA	3' Push Bar Exit Device, Concealed Vertical Rods, Fire Rated, Von Duprin Series 9848-F/9948-F	1,575.70	122.64
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	116.00	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	120.99	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	193.34	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	395.41	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	124.74	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	183.36	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	
08 71 16 00-2130	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Von Duprin Series 9847WDC/9947WDC	1,382.00	122.64
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	97.99	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	102.20	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	163.32	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	334.01	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	105.37	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	154.89	
		For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
		For Special Center Case Dogging (SD), Add	172.13	
		For Cylinder Dogging Indicator (CI), Add	114.57	
		For Dogging Indicator (DI), Add	105.25	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	
08 71 16 00-2131	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Rods, Fire Rated, Von Duprin Series 9847WDC-F/9947WDC-F	1,550.35	122.64
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	113.65	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	118.53	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	189.41	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	387.37	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	122.20	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	179.63	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	
08 71 16 00-2132	EA	3' Push Bar Exit Device, Surface Three Point Latch, Von Duprin Series 9857/9957	1,490.58	106.81
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	73.55	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	116.96	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	186.89	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	382.22	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	120.58	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	177.25	
		For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
		For Special Center Case Dogging (SD), Add	172.13	
		For Cylinder Dogging Indicator (CI), Add	114.57	
		For Dogging Indicator (DI), Add	105.25	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	
08 71 16 00-2133	EA	3' Push Bar Exit Device, Surface Three Point Latch, Fire Rated, Von Duprin Series 9857-F/9957-F	1,587.43	106.81
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	79.46	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	126.35	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	201.90	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	412.92	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	130.26	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	191.48	
		For Standard Baseplate Cylinder Dogging (CD), Add	41.11	
		For Special Center Case Dogging (SD), Add	172.13	
		For Cylinder Dogging Indicator (CI), Add	114.57	
		For Dogging Indicator (DI), Add	105.25	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	53.18	
		For Safety Glow Touchpad, Add	191.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2134	EA	3' Push Bar Exit Device, Mortise Lock, Von Duprin Series 9875/9975 Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,198.25	110.77
08 71	16 00-2135	EA	3' Push Bar Exit Device, Mortise Lock, Fire Rated, Von Duprin Series 9875-F/9975-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,308.10	110.77
08 71	16 00-2136	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Von Duprin Series 9849/9949 Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,319.60	122.64
08 71	16 00-2137	EA	3' Push Bar Exit Device, Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849-F/9949-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,428.80	122.64
08 71	16 00-2138	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Von Duprin Series 9849WDC/9949WDC Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,432.70	122.64
08 71	16 00-2139	EA	3' Push Bar Exit Device, Wood Door Concealed Vertical Cable, Fire Rated, Von Duprin Series 9849WDC-F/9949WDC-F Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Satin Stainless Steel, US32D (BHMA 630) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Cylinder Dogging Indicator (CI), Add For Dogging Indicator (DI), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,627.70	122.64

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-2140	EA 3' Push Bar Exit Device, Chexit Delayed Egress, Von Duprin Series CX98/CX99 Note: Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Center Case Dogging (CD-CX), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,838.87 13.00 242.10 495.14 156.20 58.10 65.29 185.83 53.18 191.86	102.85
08 71 16 00-2141	EA 3' Push Bar Exit Device, Chexit Delayed Egress, Fire Rated, Von Duprin Series CX98-F/CX99-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,946.77 13.00 258.83 529.34 166.99 62.12 69.80 53.18 191.86	102.85
08 71 16 00-2142	EA 3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Von Duprin Series CX9875/CX9975 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Center Case Dogging (CD-CX), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	2,190.82 13.00 286.23 585.39 184.67 68.70 77.19 185.83 53.18 191.86	126.59
08 71 16 00-2143	EA 3' Push Bar Exit Device, Mortise Chexit Delayed Egress, Fire Rated, Von Duprin Series CX9875-F/CX9975-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	2,300.67 13.00 303.26 620.21 195.65 72.78 81.78 53.18 191.86	126.59
08 71 16 00-2144	EA 3' Push Bar Exit Device, Electric Latch Retraction, Von Duprin Series E98/E99 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,201.87 13.00 143.37 293.21 92.50 34.41 53.09 41.11 172.13 105.25 78.93 53.18 191.86	102.85
08 71 16 00-2145	EA 3' Push Bar Exit Device, Electric Latch Retraction, Fire Rated, Von Duprin Series E98-F/E99-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,309.77 13.00 160.09 327.41 103.29 38.42 59.29 53.18 191.86	102.85
08 71 16 00-2146	EA 3' Push Bar Exit Device, Mortise Electric Latch Retraction, Von Duprin Series E9875/E9975 Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Standard Baseplate Cylinder Dogging (CD), Add For Special Center Case Dogging (SD), Add For Dogging Indicator (DI), Add For Quiet Electric Latch Retraction (QEL), Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,553.82 13.00 187.50 383.46 120.97 45.00 69.43 41.11 172.13 105.25 78.93 53.18 191.86	126.59
08 71 16 00-2147	EA 3' Push Bar Exit Device, Mortise Electric Latch Retraction, Fire Rated, Von Duprin Series E9875-F/E9975-F Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish. For 4' Push Bar, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Vision Impaired Touchpad, Raised Letters and Braille, Add For Safety Glow Touchpad, Add	1,663.67 13.00 204.52 418.28 131.95 49.09 75.74 53.18 191.86	126.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2148	EA	Exit Only Trim Plate (EO), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	100.71 2.07 3.11 11.74	11.87
08 71	16 00-2149	EA	Dummy Trim (DT), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	147.00 3.22 4.83 18.26	14.84
08 71	16 00-2150	EA	Night Latch (NL) Pull Trim With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	234.19 5.36 8.05 30.40	19.78
08 71	16 00-2151	EA	Night Latch (NL) Pull Trim Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	170.49 3.45 5.18 19.57	19.78
08 71	16 00-2152	EA	Lever Trim (L) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	391.14 9.36 14.04 53.04	29.67
08 71	16 00-2153	EA	Lever Trim (L) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	327.44 7.45 11.17 42.21	29.67
08 71	16 00-2154	EA	Lever - Blank Escutcheon (L-BE), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	327.44 7.45 11.17 42.21	29.67
08 71	16 00-2155	EA	Lever - Night Latch (L-NL) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	336.32 7.72 11.57 43.72	29.67
08 71	16 00-2156	EA	Lever - Night Latch (L-NL) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	272.62 5.81 8.71 32.90	29.67
08 71	16 00-2157	EA	Lever Dummy Trim (L-DT), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	272.62 5.81 8.71 32.90	29.67
08 71	16 00-2158	EA	Knob Trim (K) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	327.56 7.45 11.18 42.23	29.67
08 71	16 00-2159	EA	Knob Trim (K) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	263.86 5.54 8.31 31.41	29.67
08 71	16 00-2160	EA	Knob - Blank Escutcheon (K-BE), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	263.86 5.54 8.31 31.41	29.67
08 71	16 00-2161	EA	Knob - Night Latch (K-NL) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	322.62 7.31 10.96 41.40	29.67
08 71	16 00-2162	EA	Knob - Night Latch (K-NL) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	258.92 5.39 8.09 30.57	29.67
08 71	16 00-2163	EA	Knob Dummy Trim (K-DT) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	258.92 5.39 8.09 30.57	29.67
08 71	16 00-2164	EA	Thumbpiece Trim (TP) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	295.76 6.50 9.75 36.83	29.67
08 71	16 00-2165	EA	Thumbpiece Trim (TP) Without Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	232.06 4.59 6.88 26.00	29.67

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 16 00-2166	EA Thumbpiece - Blank Escutcheon (T-BE), Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	232.06 4.59 6.88 26.00	29.67
08 71 16 00-2167	EA Push/Pull Hospital Latch Trim (HL) With 110NL Cylinder, Von Duprin Series 98/99..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	249.41 5.11 7.66 28.95	29.67
08 71 16 00-2168	Option And Kits For Series 22, 33, 35, 98 Or 99 (08 71 16 00-2087)		
08 71 16 00-2169	EA Alarm Kit With Switch And 9 Volt Battery Back-up.....	645.26	29.67
08 71 16 00-2170	EA Power Supply For Chexit Or Electric Latch Devices (Von Duprin PS914)..... Note: 4 amp @ 12 volt DC, 2 amp @ 24 volt DC. For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Panic Device Control Board, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	496.75 66.45 33.22 96.35 112.95 93.02 255.13 33.22	29.67
08 71 16 00-2171	EA Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	463.80	29.67
08 71 16 00-2172	EA Power Supply, 2 Amp (Von Duprin PS902)..... Note: 2A@12/24 VDC For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	216.54 66.45 33.22 112.95 93.02 255.13 33.22	29.67
08 71 16 00-2173	EA Power Supply, 4 Amp (Von Duprin PS904)..... Note: 4A@12/24 VDC For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	338.15 66.45 33.22 112.95 93.02 255.13 33.22	29.67
08 71 16 00-2174	EA Request to Exit Push Pad Monitor Switch (RX).....	144.26	19.78
08 71 16 00-2175	Removable Verticals, Mullions (Von Duprin) (08 71 16 00-2087)		
08 71 16 00-2176	EA 7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	378.12 -299.00	19.78
08 71 16 00-2177	EA 8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	401.52 -322.40	19.78
08 71 16 00-2178	EA 10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	653.92 -574.80	19.78
08 71 16 00-2179	EA 7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	643.55 -548.60	23.74
08 71 16 00-2180	EA 8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	666.95 -572.00	23.74
08 71 16 00-2181	EA 10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	718.30 -623.35	23.74
08 71 16 00-2182	EA 7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	541.92 -462.80	19.78
08 71 16 00-2183	EA 8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	565.97 -486.85	19.78
08 71 16 00-2184	EA 10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	614.72 -535.60	19.78
08 71 16 00-2185	EA 7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	832.70 -737.75	23.74
08 71 16 00-2186	EA 8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	856.75 -761.80	23.74
08 71 16 00-2187	EA 10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	1,612.51 -1,517.56	23.74
08 71 16 00-2188	EA Mullion Stabilizer Set (Von Duprin 154)..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	80.39 -48.75	15.83
08 71 16 00-2189	Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 (08 71 16 00-2087) Note: Grade 1, BHMA 156.3.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2190	EA	42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,478.86 156.43 180.02 237.13 258.23	89.01
08 71	16 00-2191	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,905.90 198.77 228.74 301.31 328.13	122.64
08 71	16 00-2192	EA	42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	2,082.05 220.97 254.29 334.96 364.77	122.64
08 71	16 00-2193	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,949.45 204.26 235.06 309.63 337.19	122.64
08 71	16 00-2194	EA	42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	2,120.40 225.80 259.85 342.28 372.75	122.64
08 71	16 00-2195	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,481.00 149.22 171.72 226.20 246.33	110.77
08 71	16 00-2196	EA	42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	1,596.05 163.72 188.41 248.18 270.26	110.77
08 71	16 00-2197	EA	Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	253.41 26.95 31.01 40.85 44.48	14.84
08 71	16 00-2198	EA	Cylinder Assembly, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	115.83 7.62 8.77 11.55 12.57	20.97
08 71	16 00-2199	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	427.18 46.85 53.91 71.01 77.33	20.97
08 71	16 00-2200	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	458.72 47.83 55.04 72.50 78.96	29.67
08 71	16 00-2201	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	374.22 37.18 42.79 56.36 61.38	29.67
08 71	16 00-2202	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	458.72 47.83 55.04 72.50 78.96	29.67
08 71	16 00-2203	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55 Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	527.62 56.51 65.03 85.66 93.29	29.67

08 71 16 00-2204 Cross Bar Exit Device, Von Duprin Series 88 (08 71 16 00-2087)
 Note: Grade 1, BHMA 156.3.

08 Openings

08 70 Hardware

08 71 Door Hardware

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-2205	EA	42" Crossbar Exit Device, Rim Type.....	941.31	89.01
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	21.82	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	22.53	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	192.18	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	192.18	
08 71 16 00-2206	EA	42" Crossbar Exit Device, Rim Type.....	1,096.66	89.01
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	26.64	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	27.50	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	234.59	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	234.59	
08 71 16 00-2207	EA	42" Crossbar Exit Device, Surface Vertical Rods.....	1,216.93	106.81
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	28.90	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	29.83	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	254.46	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	254.46	
08 71 16 00-2208	EA	42" Crossbar Exit Device, Surface Vertical Rods, Fire Rated.....	1,552.98	106.81
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	39.31	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	40.58	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	346.20	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	346.20	
08 71 16 00-2209	EA	42" Crossbar Exit Device, Concealed Vertical Rods.....	1,175.89	122.64
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	26.27	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	27.12	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	231.38	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	231.38	
08 71 16 00-2210	EA	42" Crossbar Exit Device, Concealed Vertical Rods, Fire Rated.....	1,481.45	122.64
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	35.75	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	36.90	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	314.80	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	314.80	
08 71 16 00-2211	EA	42" Crossbar Exit Device, Mortise Lock.....	1,258.70	110.77
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	29.82	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	30.78	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	262.63	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	262.63	
08 71 16 00-2212	EA	42" Crossbar Exit Device, Mortise Lock, Fire Rated.....	1,338.00	110.77
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	32.28	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	33.32	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	284.27	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	284.27	
08 71 16 00-2213	EA	Dummy Trim (DT), Von Duprin Series 88.....	142.26	14.84
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	3.18	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	3.29	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	28.04	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	28.04	
08 71 16 00-2214	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 88.....	227.63	19.78
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	5.34	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	5.51	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	47.02	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	47.02	
08 71 16 00-2215	EA	Thumbturn Trim (376T Or 377T) With Cylinder, Von Duprin Series 88.....	395.02	29.67
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	9.79	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	10.11	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	86.24	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	86.24	
08 71 16 00-2216	EA	Lever Trim (373L) With Cylinder, Von Duprin Series 88.....	369.02	29.67
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.99	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	9.28	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.14	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.14	
08 71 16 00-2217	EA	Knob Trim (K) With Cylinder, Von Duprin Series 88.....	281.27	29.67
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	6.27	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	6.47	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
08 71 16 00-2218	EA	Thumbpiece Trim (TP) With Cylinder, Von Duprin Series 88.....	281.27	29.67
		Note: Anodized finish: dull brass or dull bronze.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	6.27	
		For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	6.47	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
		For Bright Stainless Steel US32 (BHMA 629) Finish, Add	55.19	
08 71 16 00-2219		Push Bar Exit Device, Narrow Stile, Adams Rite Series 8800 (08 71 16 00-2087)		
		Note: Grade 1, BHMA 156.3.		
08 71 16 00-2220	EA	30" to 48" Push Bar Exit Device, Rim Type, Narrow Stile.....	776.14	89.01
		Note: Adams Rite 8800		
08 71 16 00-2221	EA	Clutch Lever Entry Trim, Adams Rite Model 3081.....	459.94	29.67

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

08 71 16 00-2222	EA		Clutch Lever Entry Trim, Adams Rite Model 3082 Or 3083	397.03	29.67
08 71 16 00-2223	EA		Thumbturn Trim, Adams Rite Model 8066	300.21	29.67
08 71 16 00-2224	EA		Mortise Cylinder, Adams Rite Model 4036-01	59.32	29.67
08 71 16 00-2225	EA		Rim Cylinder, Adams Rite Model 8736	65.40	29.67

08 71 16 00-2226 Push Bar Exit Device, Precision Hardware Apex 2000 Series (08 71 16 00-2087)

Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.

08 71 16 00-2227	EA		3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series).....	902.55	89.01
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Owner Furnished Material, Deduct</i>	-665.19	
08 71 16 00-2228	EA		3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series).....	948.25	89.01
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Owner Furnished Material, Deduct</i>	-710.89	
08 71 16 00-2229	EA		3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series)	1,223.67	106.81
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Owner Furnished Material, Deduct</i>	-938.84	
08 71 16 00-2230	EA		3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series).....	1,269.37	106.81
			<i>For 4' Push Bar, Add</i>	13.00	
			<i>For Owner Furnished Material, Deduct</i>	-984.54	
08 71 16 00-2231	EA		Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901)	111.03	11.87
			<i>For Owner Furnished Material, Deduct</i>	-79.39	
08 71 16 00-2232	EA		Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A)	280.73	14.84
			<i>For Owner Furnished Material, Deduct</i>	-241.17	
08 71 16 00-2233	EA		Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A)	320.29	29.67
			<i>For Owner Furnished Material, Deduct</i>	-241.17	
08 71 16 00-2234	EA		Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A)	380.44	29.67
			<i>For Owner Furnished Material, Deduct</i>	-301.32	
08 71 16 00-2235	EA		Key Controls Lever, Lever/Knob Trim (Precision V4908A)	380.44	29.67
			<i>For Owner Furnished Material, Deduct</i>	-301.32	
08 71 16 00-2236	EA		Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A).....	380.44	29.67
			<i>For Owner Furnished Material, Deduct</i>	-301.32	
08 71 16 00-2237	EA		Exit Only, Cover Plate, Pull Trim (Precision 1701).....	84.56	11.87
			<i>For Owner Furnished Material, Deduct</i>	-52.92	
08 71 16 00-2238	EA		Exit Only, Dummy Trim, Pull Trim (Precision 1702A)	170.67	14.84
			<i>For Owner Furnished Material, Deduct</i>	-131.11	
08 71 16 00-2239	EA		Key Retracts Latchbolt, Pull Trim (Precision 1703A)	186.49	19.78
			<i>For Owner Furnished Material, Deduct</i>	-131.11	
08 71 16 00-2240	EA		Key Controls Thumb Piece, Pull Trim (Precision 1705A).....	263.15	29.67
			<i>For Owner Furnished Material, Deduct</i>	-184.03	
08 71 16 00-2241	EA		Thumb Piece Always Active, Pull Trim (Precision 1715A).....	263.15	29.67
			<i>For Owner Furnished Material, Deduct</i>	-184.03	

08 71 16 00-2242 Door Closers (08 71 16)

Note: Includes standard cover and arm.

08 71 16 00-2243	EA		Surface Mounted Standard Duty Door Closer (LCN 1460 Series).....	294.47	22.94
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
			<i>For Parallel Arm, Add</i>	22.40	
08 71 16 00-2244	EA		Surface Mounted Heavy Duty Door Closer - LCN 4040 Series.....	354.22	22.94
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 16 00-2245	EA		Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series).....	363.72	22.94
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
			<i>For Spring Cush Arm, Add</i>	67.20	
			<i>For Parallel Arm And PA Shoe, Add</i>	22.40	
			<i>For Stainless Steel Finish, Add</i>	145.00	
08 71 16 00-2246	EA		Surface Mounted High Security Door Closer, Metal Cover (LCN 4510)	375.61	22.94
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 16 00-2247	EA		Surface Mounted Standard Duty Door Closer (Norton 8301)	249.72	22.94
			<i>For Parallel Arm, Add</i>	22.40	
08 71 16 00-2248	EA		Surface Mounted Standard Duty Door Closer (Norton 8501)	251.72	22.94
			<i>For Parallel Arm, Add</i>	22.40	

08 71 16 00-2249 Concealed Door Closers (08 71 16)

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2250	EA		Floor Concealed Door Closer, Non Hold Open (Rixson 27/28).....	833.63	68.04
08 71 16 00-2251	EA		Floor Concealed Door Closer, Selective Hold Open (Rixson 27/27).....	889.63	68.04
08 71 16 00-2252	EA		Concealed (In Door) Overhead Door Closer (LCN 3130)	418.54	27.70
			<i>For Delayed Action, Add</i>	12.60	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 16 00-2253	EA		Concealed (In Frame) Overhead Door Closer (LCN 5010).....	451.30	27.70
			<i>For Delayed Action, Add</i>	12.60	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 16 00-2254			Locks And Latches (08 71 16)		
			Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include construction cores. Multi purchase locksets are keyed alike and to the existing master key. The cost for boring hole or preparing mortise is included with the new door.		
08 71 16 00-2255			Locksmith Services (08 71 16 00-2254)		
08 71 16 00-2256	EA		Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	1.13	
			<i>For >50, Deduct</i>	-0.23	
08 71 16 00-2257	EA		Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	94.98	
			<i>For >5, Deduct</i>	-9.50	
08 71 16 00-2258	EA		Replace Cylinder With Owner Supplied Cylinder.....	94.98	
			<i>For >5, Deduct</i>	-9.50	
08 71 16 00-2259	EA		Replace Cylinder With New Cylinder	106.97	
			Note: Excludes core.		
			<i>For >5, Deduct</i>	-9.50	
08 71 16 00-2260	EA		Open Locked Doors.....	94.98	
08 71 16 00-2261	EA		Install Owner Furnished Cores And Cylinders	39.88	
08 71 16 00-2262			Mortise Locksets And Latchsets (08 71 16 00-2254)		
			Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 16 00-2263	EA		Passage/Closet F01 Mortise Latchset	332.10	19.78
			Note: Both sides always unlocked.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	8.35	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	7.59	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	12.65	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	89.30	
08 71 16 00-2264	EA		Bath/Bedroom Privacy F02 Mortise Lockset.....	388.31	19.78
			Note: Locked with thumb knob inside.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.20	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.28	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	15.46	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	109.14	
08 71 16 00-2265	EA		Entrance/Office F04 Mortise Lockset.....	428.07	19.78
			Note: Locked with key outside and thumb knob inside.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	11.52	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	10.47	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	17.45	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	123.18	
08 71 16 00-2266	EA		Classroom F05 Mortise Lockset.....	401.95	19.78
			Note: Locked with key outside. Inside always unlocked.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.65	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.68	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	16.14	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	113.96	
			<i>For Security Function (Double Cylinder) With Visual Indicator, Add</i>	39.33	
08 71 16 00-2267	EA		Storerroom/Closet F07 Mortise Lockset.....	401.95	19.78
			Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.65	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.68	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	16.14	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	113.96	
08 71 16 00-2268	EA		Entrance F08 Mortise Lockset	444.72	19.78
			Note: Locked with key outside and thumb knob inside.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	12.06	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	10.97	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	18.28	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	129.06	
08 71 16 00-2269	EA		Dormitory/Exit F13 Mortise Lockset.....	387.92	19.78
			Note: Locked with key outside and thumb knob inside.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	10.19	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	9.26	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	15.44	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	109.01	
08 71 16 00-2270			Locks And Latches (08 71 16 00-2254)		
08 71 16 00-2271			Preassembled Locks And Latches (08 71 16 00-2270)		
			Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	16 00-2272	EA	Passage/Closet F36 Pre-Assembled Latchset..... Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2 With Lever Handles, Deduct For Grade 2 With Knobs, Deduct	555.52 14.29 23.82 168.17 88.61 -185.32 -319.19	19.78
08 71	16 00-2273	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2 With Lever Handles, Deduct For Grade 2 With Knobs, Deduct	597.17 15.54 25.90 182.87 96.36 -201.52 -347.09	19.78
08 71	16 00-2274	EA	Entrance/Office F41 Pre-Assembled Lockset Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2 With Lever Handles, Deduct For Grade 2 With Knobs, Deduct	671.85 17.78 29.64 209.23 110.25 -230.57 -397.13	19.78
08 71	16 00-2275	EA	Classroom F42 Pre-Assembled Lockset Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2 With Lever Handles, Deduct For Grade 2 With Knobs, Deduct	671.85 17.78 29.64 209.23 110.25 -230.57 -397.13	19.78
08 71	16 00-2276	EA	Storeroom/Closet F44 Pre-Assembled Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2 With Lever Handles, Deduct For Grade 2 With Knobs, Deduct	671.85 17.78 29.64 209.23 110.25 -230.57 -397.13	19.78
08 71 16 00-2277 Bored Locks And Latches (08 71 16 00-2270)					
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.					
08 71	16 00-2278	EA	Passage/Closet F75 Bored Latchset Note: Both sides always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	190.98 3.36 5.59 39.49 20.81 -5.59 2.24 9.45	19.78
08 71	16 00-2279	EA	Bath/Bedroom Privacy F76 Bored Lockset Note: Locked with push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	217.66 4.16 6.93 48.90 25.77 -6.93 2.77 9.45	19.78
08 71	16 00-2280	EA	Entrance/Office F82 Bored Lockset Note: Locked with key outside and push button inside. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	239.16 4.80 8.00 56.49 29.77 -8.00 3.20 9.45	19.78
08 71	16 00-2281	EA	Classroom F84 Bored Lockset Note: Locked with key outside. Inside always unlocked. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	239.16 4.80 8.00 56.49 29.77 -8.00 3.20 9.45	19.78
08 71	16 00-2282	EA	Storeroom/Closet F86 Bored Lockset Note: Locked with key outside. Inside always unlocked. Fixed outside handle. For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add For Satin Stainless Steel US32D (BHMA 630) Finish, Add For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add For Grade 2, Deduct For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add For Interchangeable Core, Add	239.16 4.80 8.00 56.49 29.77 -8.00 3.20 9.45	19.78

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 71 16 00-2283	EA	Corridor/Dormitory F90 Bored Lockset	239.16		19.78
		Note: Locked with key outside and push button inside.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	4.80		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	8.00		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	56.49		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	29.77		
		For Grade 2, Deduct	-8.00		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	3.20		
		For Interchangeable Core, Add	9.45		
08 71 16 00-2284		Hospital Locksets (08 71 16 00-2270)			
		Note: Satin chrome plated US 26D. (BHMA 626) - BHMA 156.2-1989 Grade 1.			
08 71 16 00-2285	EA	Push/Pull Hospital Latch (Glynn Johnson HL6)	322.06		19.78
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	56.54		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	56.54		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	38.59		
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	34.11		
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	52.06		
08 71 16 00-2286	EA	Push/Pull With Thumbturn Hospital Latch (Glynn Johnson PL7 / PL8).....	362.74		19.78
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	56.54		
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	56.54		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	38.59		
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	34.11		
		For Bright Chrome Plated US26 (BHMA 625) Finish, Add	52.06		
08 71 16 00-2287		Other Locks (08 71 16 00-2254)			
		Note: BHMA A156.5.			
08 71 16 00-2288	EA	Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421	623.58		102.85
08 71 16 00-2289	EA	Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461	1,399.14		205.71
08 71 16 00-2290		Pushbutton Combination Locks (08 71 16 00-2254)			
08 71 16 00-2291		Mechanical Pushbutton Combination Locks (08 71 16 00-2290)			
		Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.			
08 71 16 00-2292		Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)			
		(08 71 16 00-2291)			
		Note: Satin chrome or antique brass finish.			
08 71 16 00-2293	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series)	496.93		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2294	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1000 Series).....	531.93		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2295	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series).....	545.93		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2296	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1000 Series).....	580.93		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2297	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series)	556.43		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2298	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1000 Series).....	591.43		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2299	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series).....	605.43		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2300	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1000 Series)	640.43		49.86
		For Bright Chrome Or Bright Brass Finish, Add	17.50		
08 71 16 00-2301		Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)			
		(08 71 16 00-2291)			
		Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.			
08 71 16 00-2302	EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	548.03		49.86
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50		
		For Dark Bronze Finish With Brass Accents, Add	70.00		
08 71 16 00-2303	EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	576.03		49.86
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50		
		For Dark Bronze Finish With Brass Accents, Add	70.00		
08 71 16 00-2304	EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	632.03		49.86
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50		
		For Dark Bronze Finish With Brass Accents, Add	70.00		
08 71 16 00-2305	EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	653.03		49.86
		For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50		
		For Dark Bronze Finish With Brass Accents, Add	70.00		

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

08 71 16 00-2306	EA			Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	653.03	49.86
				<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
				<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2307	EA			Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	618.03	49.86
				<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
				<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 16 00-2308 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)						
<small>(08 71 16 00-2291)</small>						
Note: Satin chrome or antique brass finish.						
08 71 16 00-2309	EA			Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	657.93	49.86
				<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 16 00-2310	EA			Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	678.93	49.86
				<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
08 71 16 00-2311 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)						
<small>(08 71 16 00-2291)</small>						
Note: Satin stainless, bright brass or antique brass finish.						
08 71 16 00-2312	EA			Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	296.03	49.86
08 71 16 00-2313	EA			Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	388.43	49.86
08 71 16 00-2314 Electrical Pushbutton Combination Locks <small>(08 71 16 00-2290)</small>						
Note: Privacy option limits access to privileged users (master codes).						
08 71 16 00-2315 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) <small>(08 71 16 00-2314)</small>						
Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.						
08 71 16 00-2316	EA			Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	514.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2317	EA			Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	598.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2318	EA			Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	619.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2319	EA			Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	584.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2320	EA			Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	549.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2321	EA			Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	619.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2322	EA			Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	633.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2323	EA			Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	654.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2324	EA			Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	619.43	49.86
				<i>For Satin Brass Finish, Add</i>	17.50	
08 71 16 00-2325 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) <small>(08 71 16 00-2314)</small>						
Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.						
08 71 16 00-2326	EA			Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	654.43	49.86
				<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
				<i>For Remote Unlock, Add</i>	85.91	
				Note: Excludes momentary contact switch.		
08 71 16 00-2327	EA			Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	654.43	49.86
				<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
				<i>For Remote Unlock, Add</i>	85.91	
				Note: Excludes momentary contact switch.		
08 71 16 00-2328 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) <small>(08 71 16 00-2314)</small>						
Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.						
08 71 16 00-2329	EA			Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	762.93	49.86
				<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
				<i>For Remote Unlock, Add</i>	85.91	
				Note: Excludes momentary contact switch.		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-2330	EA	Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series)	762.93	49.86
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2331		Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) <small>(08 71 16 00-2314)</small>		
		<i>Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2332	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	818.93	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2333	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	888.93	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2334	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	902.93	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2335	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	923.93	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2336	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series)	888.93	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2337		Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) <small>(08 71 16 00-2314)</small>		
		<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2338	EA	Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,151.43	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2339	EA	Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,221.43	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2340	EA	Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,235.43	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2341	EA	Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,256.43	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2342	EA	Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series)	1,221.43	49.86
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Remote Unlock, Add</i>	85.91	
		<i>Note: Excludes momentary contact switch.</i>		
08 71 16 00-2343		Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) <small>(08 71 16 00-2314)</small>		
		<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 16 00-2344	EA	Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series)	1,627.43	49.86
		<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
		<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	35.00	

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

08 71 16 00-2345			Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) (08 71 16 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 16 00-2346	EA		Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series).....	1,028.93	49.86
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	

08 71 16 00-2347			Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) (08 71 16 00-2314)		
08 71 16 00-2348	EA		Standard Software Implementation Kit (Kaba® E-Plex®).....	509.55	
08 71 16 00-2349	EA		Enterprise Software Implementation Kit (Kaba® E-Plex®).....	649.55	
08 71 16 00-2350	EA		E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®).....	859.55	
08 71 16 00-2351	EA		USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®).....	258.27	
08 71 16 00-2352	EA		High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series).....	78.75	
			Note: Includes 4 C-cell battery pack.		
08 71 16 00-2353	EA		12-24 VDC Power Interface Kit (Kaba® E-Plex® E5x00 Series).....	93.45	

08 71 16 00-2354			Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) (08 71 16 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 16 00-2355	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	636.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-437.50	
08 71 16 00-2356	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	720.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-521.50	
08 71 16 00-2357	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	741.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	
08 71 16 00-2358	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	706.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-507.50	
08 71 16 00-2359	EA		Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	671.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-472.50	
08 71 16 00-2360	EA		Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	741.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	
08 71 16 00-2361	EA		Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	755.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-556.50	
08 71 16 00-2362	EA		Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	776.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-577.50	
08 71 16 00-2363	EA		Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	741.93	49.86
			<i>For Satin Brass Finish, Add</i>	17.50	
			<i>For Owner Furnished Material, Deduct</i>	-542.50	

08 71 16 00-2364			Electrical Pushbutton Combination Locks (Schlage) (08 71 16 00-2314) Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 16 00-2365	EA		Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D).....	564.91	49.45
			<i>For Owner Furnished Material, Deduct</i>	-367.11	
08 71 16 00-2366	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D).....	647.33	49.45
			<i>For Owner Furnished Material, Deduct</i>	-449.53	
08 71 16 00-2367	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626).....	724.92	49.45
			<i>For Owner Furnished Material, Deduct</i>	-527.12	
08 71 16 00-2368	EA		Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626).....	933.63	49.45
			<i>For Owner Furnished Material, Deduct</i>	-735.83	
08 71 16 00-2369	EA		Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626).....	1,016.58	49.45
			<i>For Owner Furnished Material, Deduct</i>	-818.78	
08 71 16 00-2370	EA		Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626).....	1,113.98	49.45
			<i>For Owner Furnished Material, Deduct</i>	-916.18	
08 71 16 00-2371	EA		Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626).....	1,027.28	49.45
			<i>For Owner Furnished Material, Deduct</i>	-829.48	

08 71 16 00-2372			Residential Locks And Latchsets (08 71 16 00-2254)		
------------------	--	--	---	--	--

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-2373	EA	Residential Entry Lockset With Knobs (Master Keyed).....	55.92	11.96
08 71 16 00-2374	EA	Residential Privacy Lockset With Knobs.....	55.01	11.96
08 71 16 00-2375	EA	Residential Passage Lockset With Knobs.....	54.89	11.96
08 71 16 00-2376	EA	Residential Dummy Lockset With Knobs.....	44.04	9.97
08 71 16 00-2377	EA	Residential Entry Lockset With Levers (Master Keyed).....	62.17	11.96
08 71 16 00-2378	EA	Residential Privacy Lockset With Levers.....	60.09	11.96
08 71 16 00-2379	EA	Residential Passage Lockset With Levers.....	58.59	11.96
08 71 16 00-2380	EA	Residential Dummy Lockset With Levers.....	44.76	9.97
08 71 16 00-2381	EA	Screen Door - Closer.....	32.88	8.61
08 71 16 00-2382	EA	Screen Door - Locking Handle.....	37.57	12.36
08 71 16 00-2383		Deadbolts (08 71 16 00-2254)		
08 71 16 00-2384		Cylindrical Deadbolts, Grade 1, ANSI 156.5 (08 71 16 00-2383) Note: 2-3/8" or 2-3/4" backset.		
08 71 16 00-2385	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side..... Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. <i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	124.50 4.20	19.78
08 71 16 00-2386	EA	Double Cylinder Deadbolt, Key Both Sides..... Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish. <i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	140.70 4.20	19.78
08 71 16 00-2387		Cylindrical Deadbolts, Grade 2, ANSI 156.5 (08 71 16 00-2383) Note: 2-3/8" or 2-3/4" backset.		
08 71 16 00-2388	EA	Single Cylinder Deadbolt, Key One Side, Knob One Side..... Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. <i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	113.40 4.20	19.78
08 71 16 00-2389	EA	Double Cylinder Deadbolt, Key Both Sides..... Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish. <i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	131.10 4.20	19.78
08 71 16 00-2390		Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 (08 71 16 00-2383) Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 16 00-2391	EA	Small Case Mortised Deadbolt, Key One Side, Knob One Side..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	160.72	19.78
08 71 16 00-2392	EA	Small Case Mortised Deadbolt, Key Both Sides..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.	175.72	19.78
08 71 16 00-2393	EA	Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).	157.72	19.78
08 71 16 00-2394		Mortised Deadbolts, Grade 1, ANSI 156.5 (08 71 16 00-2383) Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 16 00-2395	EA	Mortised Deadbolt, Key One Side, Knob One Side..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	201.52	19.78
08 71 16 00-2396	EA	Mortised Deadbolt, Key Both Sides..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.	226.12	19.78
08 71 16 00-2397	EA	Mortised Deadbolt, Key One Side, Cover Plate One Side..... Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).	180.52	19.78
08 71 16 00-2398		Surface Mounted Deadbolts (08 71 16 00-2383)		
08 71 16 00-2399	EA	Single Cylinder Surface Mounted Deadbolt..... Note: Key one side, knob one side, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	89.23 10.50	19.78
08 71 16 00-2400	EA	Double Cylinder Surface Mounted Deadbolt..... Note: Key both sides, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	100.07 10.50	19.78
08 71 16 00-2401	EA	Single Cylinder Surface Mounted Interlocking Deadbolt..... Note: Jimmy proof, key one side, knob one side, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	108.69 10.50	19.78
08 71 16 00-2402	EA	Double Cylinder Surface Mounted Interlocking Deadbolt..... Note: Jimmy proof, key both sides, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	119.53 10.50	19.78
08 71 16 00-2403		Surface Mounted Deadlatches (08 71 16 00-2254)		
08 71 16 00-2404	EA	Single Cylinder Surface Mounted Deadlatch..... Note: Key one side, knob one side, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	90.08 10.50	19.78
08 71 16 00-2405	EA	Single Cylinder Surface Mounted Interlocking Deadlatch..... Note: Jimmy proof, key one side, knob one side, bright brass finish. <i>For Brushed Chrome Finish, Add</i>	108.73 10.50	19.78
08 71 16 00-2406		Electric Strikes (08 71 16 00-2254)		
08 71 16 00-2407	EA	Aluminum/Steel Body Electric Strike (Von Duprin 5100).....	231.15	39.56
08 71 16 00-2408	EA	Stainless Steel Body Electric Strike For Rim Mounted Lock (Von Duprin 6112).....	486.20	39.56
08 71 16 00-2409	EA	Stainless Steel Body Electric Strike (Von Duprin 6215).....	512.18	39.56
08 71 16 00-2410	EA	Dual Voltage Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,070 LB Static Strength (HES 1006).....	365.13	39.56
08 71 16 00-2411	EA	Fire Rated Electric Strike, Stainless Steel Body, 12/24 Volts DC, 3,000 LB Static Strength (HES 4500).....	363.11	39.56
08 71 16 00-2412	EA	Low Profile Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5000).....	189.21	39.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 16 00-2413	EA		Adjustable Electric Strike, Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 5200)	189.21	39.56
08 71 16 00-2414	EA		Electric Strike With Preload, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device (HES 7000).....	236.44	39.56
08 71 16 00-2415	EA		Cylindrical Lock Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 7500).....	403.50	39.56
08 71 16 00-2416	EA		Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8000)	211.09	39.56
08 71 16 00-2417	EA		Fire Rated Compact Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8300).....	372.64	39.56
08 71 16 00-2418	EA		Fire Rated Concealed Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 8500).....	331.92	39.56
08 71 16 00-2419	EA		Slim Line Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength (HES 9400).....	397.18	52.22
08 71 16 00-2420	EA		Fire Rated Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9500).....	447.97	52.22
08 71 16 00-2421	EA		Surface Mounted Electric Strike, Stainless Steel Body, 12/24 Volts DC, 1,500 LB Static Strength, Rim Exit Device (HES 9600).....	397.45	52.22
08 71 16 00-2422			Electric Hardware (08 71 16 00-2254)		
08 71 16 00-2423	EA		Electrified Cylindrical Lock Option	112.63	
			Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.		
08 71 16 00-2424	EA		Electrified Mortise Lock Option	129.61	
			Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.		
08 71 16 00-2425	EA		24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	71.64	19.78
08 71 16 00-2426	EA		1 Amp At 12/24 Volt DC, Door Hardware Power Supply	214.34	19.78
08 71 16 00-2427	EA		3 Amp At 12 Volt DC, 2 Amp At 24 Volt DC, Door Hardware Power Supply.....	365.91	19.78
08 71 16 00-2428	EA		4.5 Amp At 12 Volt DC, 3 Amp At 24 Volt DC, Door Hardware Power Supply.....	555.86	19.78
08 71 16 00-2429	EA		6 Amp At 12 Volt DC, 4 Amp At 24 Volt DC, Door Hardware Power Supply.....	613.70	19.78
08 71 16 00-2430	EA		9 Amp At 12 Volt DC, 6 Amp At 24 Volt DC, Door Hardware Power Supply.....	731.32	19.78
08 71 16 00-2431	EA		15 Amp At 12 Volt DC, 10 Amp At 24 Volt DC, Door Hardware Power Supply.....	885.10	19.78
08 71 16 00-2432	EA		18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	61.75	19.78
08 71 16 00-2433	EA		24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	62.92	19.78
08 71 16 00-2434	EA		30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	70.07	19.78
08 71 16 00-2435	EA		45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	71.49	19.78
08 71 16 00-2436	EA		60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	72.21	19.78
08 71 16 00-2437	EA		72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	76.32	19.78
08 71 16 00-2438	EA		12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	62.49	19.78
08 71 16 00-2439	EA		18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	68.23	19.78
08 71 16 00-2440	EA		36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	72.77	19.78
08 71 16 00-2441	EA		49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	80.61	19.78
08 71 16 00-2442	EA		60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	82.79	19.78
08 71 16 00-2443	EA		12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	69.66	19.78
08 71 16 00-2444	EA		18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	77.69	19.78
08 71 16 00-2445	EA		18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	50.59	19.78
08 71 16 00-2446	EA		24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	56.80	19.78
08 71 16 00-2447	EA		30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	60.09	19.78
08 71 16 00-2448	EA		36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	63.60	19.78
08 71 16 00-2449	EA		60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	81.89	19.78
08 71 16 00-2450	EA		72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	89.53	19.78
08 71 16 00-2451	EA		12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	53.13	19.78
08 71 16 00-2452	EA		18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	55.52	19.78
08 71 16 00-2453	EA		24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	62.65	19.78
08 71 16 00-2454	EA		36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	74.00	19.78
08 71 16 00-2455	EA		48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	84.15	19.78
08 71 16 00-2456	EA		60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	100.81	19.78
08 71 16 00-2457	EA		12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	57.12	19.78
08 71 16 00-2458	EA		18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	60.79	19.78
08 71 16 00-2459	EA		Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	378.75	19.78
08 71 16 00-2460	EA		Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	414.58	27.70
08 71 16 00-2461	EA		Electrified Lock; Schlage L9080.....	723.01	
			Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.		
08 71 16 00-2462			Magnetic Locks (08 71 16 00-2254)		
08 71 16 00-2463	EA		Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40).....	470.14	94.94
08 71 16 00-2464	EA		Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ).....	562.20	106.81
08 71 16 00-2465	EA		Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70).....	545.59	94.94
08 71 16 00-2466	EA		Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ).....	637.49	106.81
08 71 16 00-2467	EA		Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420).....	571.94	102.85
08 71 16 00-2468	EA		Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450).....	623.68	102.85
08 71 16 00-2469	EA		Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490).....	663.96	102.85
08 71 16 00-2470	EA		Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P).....	730.94	118.68
			Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 16 00-2471	EA		Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P).....	799.72	118.68
			Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 16 00-2472	EA		Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P).....	830.70	118.68
			Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 16 00-2473	EA		2 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902).....	249.92	39.56
08 71 16 00-2474	EA		4 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904).....	404.45	39.56
08 71 16 00-2475	EA		6 Amp Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906).....	484.77	39.56
08 71 16 00-2476			Interchangeable Core (08 71 16 00-2254)		
08 71 16 00-2477	EA		Interchangeable Core; Primus D Series	138.34	19.78
08 71 16 00-2478			Door Coordinators (08 71 16)		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 16 00-2479	EA	32" COR Series Door Coordinator	285.18	24.73
		Note: Satin chrome finish. Includes two mounting brackets.		
		For Anodized Aluminum Finish, Deduct	-74.51	
08 71 16 00-2480	EA	42" COR Series Door Coordinator	299.31	25.71
		Note: Satin chrome finish. Includes two mounting brackets.		
		For Anodized Aluminum Finish, Deduct	-78.58	
08 71 16 00-2481	EA	52" COR Series Door Coordinator	306.70	26.70
		Note: Satin chrome finish. Includes two mounting brackets.		
		For Anodized Aluminum Finish, Deduct	-79.96	
08 71 16 00-2482	EA	60" COR Series Door Coordinator	319.93	27.70
		Note: Satin chrome finish. Includes two mounting brackets.		
		For Anodized Aluminum Finish, Deduct	-83.66	
08 71 16 00-2483	EA	72" COR Series Door Coordinator	342.27	28.68
		Note: Satin chrome finish. Includes two mounting brackets.		
		For Anodized Aluminum Finish, Deduct	-91.02	
08 71 16 00-2484	EA	Up To 20" Filler Bar For Door Coordinator	68.63	7.91
		For Anodized Aluminum Finish, Deduct	-14.80	
08 71 16 00-2485	EA	Up To 32" Filler Bar For Door Coordinator	75.73	8.90
		For Anodized Aluminum Finish, Deduct	-16.05	
08 71 16 00-2486	EA	Up To 44" Filler Bar For Door Coordinator	86.77	9.89
		For Anodized Aluminum Finish, Deduct	-18.88	
08 71 16 00-2487	EA	CB1 Carry Bar For Door Coordinator	65.86	9.89
		For Anodized Aluminum Finish, Deduct	-10.52	
08 71 16 00-2488	EA	7" Projection COR Series Gravity Type Door Coordinator	97.49	14.84
		For Anodized Aluminum Finish, Deduct	-15.26	
08 71 16 00-2489	EA	9" Projection COR Series Gravity Type Door Coordinator	103.60	14.84
		For Anodized Aluminum Finish, Deduct	-17.70	
08 71 16 00-2490		Removal And Reinstallation Of Door Hardware (08 71 16)		
		Note: Includes storage and cleaning.		
08 71 16 00-2491	EA	Remove And Reinstall Door Lockset, Entrance	59.34	
08 71 16 00-2492	EA	Remove And Reinstall Door Lockset, Mortise	94.94	
08 71 16 00-2493	EA	Remove And Reinstall Deadbolt Lock	63.30	
08 71 16 00-2494	PR	Remove And Reinstall Butts/Hinges	15.83	
08 71 16 00-2495	EA	Remove And Reinstall Door Bumper	5.54	
08 71 16 00-2496	EA	Remove And Reinstall Surface Mounted Panic Device	158.23	
08 71 16 00-2497	EA	Remove And Reinstall Kick Plate	19.78	
08 71 16 00-2498	EA	Remove And Reinstall Push Plate	15.83	
08 71 16 00-2499	EA	Remove And Reinstall Surface Mounted Door Closer Or Holder	79.12	
08 71 16 00-2500	EA	Remove And Reinstall Door Handles	11.87	
08 71 16 00-2501		Electromagnetic Door Release (08 71 16)		
08 71 16 00-2502	EA	Electro-Magnetic Door Release, Wall Mount, Surface 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	356.60	49.85
08 71 16 00-2503	EA	Electro-Magnetic Door Release, Wall Mount, Recessed 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	349.01	49.85
08 71 16 00-2504	EA	Electro-Magnetic Door Release, Wall Mount, Recessed, Adjustable 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	387.28	49.85
08 71 16 00-2505	EA	Electro-Magnetic Door Release, Wall Mount, Surface Or Recessed, High Hold 24 Volt AC/DC	613.15	49.85
08 71 16 00-2506	EA	Electro-Magnetic Door Release, Sliding Door 24 Volt DC	593.01	49.85
08 71 16 00-2507	EA	Electro-Magnetic Door Release, Overhead Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	593.01	49.85
08 71 16 00-2508	EA	Electro-Magnetic Door Release, Floor Mount, Single Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	543.75	49.85
08 71 16 00-2509	EA	Electro-Magnetic Door Release, Floor Mount, Back-to-Back Door 120 Volt AC, 24 Volt AC/DC, 12 Volt DC	668.30	49.85
08 71 16 00-2510	EA	Photo Electric Smoke Detector Suitable For Door Holder Release	644.76	49.85
08 71 16 00-2511	EA	Ionization Type Smoke Detector Suitable For Door Holder Release	784.88	49.85
08 71 19		Weatherstripping And Seals (08 71)		
08 71 19 00-0001		Weather-Stripping And Seals (08 71 19)		
08 71 19 00-0002		Astragals (08 71 19 00-0001)		
		Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 71 19 00-0003		Adhesive Backed Astragals (08 71 19 00-0002)		
08 71 19 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771)	2.78	0.59
08 71 19 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	3.06	0.59
08 71 19 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	2.42	0.59
08 71 19 00-0007		Overlapping Astragals (08 71 19 00-0002)		
08 71 19 00-0008		Aluminum, Overlapping Astragals (08 71 19 00-0007)		
08 71 19 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	11.70	3.56
		For Color Anodized Finish, Add	1.40	
08 71 19 00-0010		Stainless Steel, Overlapping Astragals (08 71 19 00-0007)		
08 71 19 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS)	21.67	3.56
08 71 19 00-0012		"T" Astragals (08 71 19 00-0002)		
08 71 19 00-0013		Aluminum, "T" Astragals (08 71 19 00-0012)		
08 71 19 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A)	8.29	3.56
		For Color Anodized Finish, Add	0.44	
08 71 19 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV)	9.93	3.56
		For Color Anodized Finish, Add	0.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST				
08 71 19 00-0016	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP) <i>For Color Anodized Finish, Add</i> <i>For Silicone Insert, Add</i>	10.18 1.10 0.63					3.56
08 71 19 00-0017	LF		Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR) <i>For Color Anodized Finish, Add</i>	17.21 3.56					3.56
08 71 19 00-0018			Brass/Bronze, "T" Astragals (08 71 19 00-0012)						
08 71 19 00-0019	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP)..... <i>For Silicone Insert, Add</i>	49.53 0.63					3.56
08 71 19 00-0020			Locking Astragals (08 71 19 00-0002)						
08 71 19 00-0021			Outswing Locking Astragals (08 71 19 00-0020) Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.						
08 71 19 00-0022			Aluminum, Outswing Locking Astragals (08 71 19 00-0021)						
08 71 19 00-0023	LF		Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS) Note: Includes pile seal at inner door edge and neoprene bottom seal. <i>For Color Anodized Finish, Add</i>	22.38 3.07					3.56
08 71 19 00-0024	LF		Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS) Note: Includes pile seal at inner door edge and neoprene bottom seal. <i>For Color Anodized Finish, Add</i>	25.67 3.73					3.56
08 71 19 00-0025	LF		Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. <i>For Thermal Break, Add</i>	24.87 1.07					3.56
08 71 19 00-0026	LF		Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. <i>For Thermal Break, Add</i>	27.54 1.23					3.56
08 71 19 00-0027			Inswing Locking Astragals (08 71 19 00-0020) Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.						
08 71 19 00-0028			Wood, Inswing Locking Astragals (08 71 19 00-0027)						
08 71 19 00-0029	LF		Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 3483Z)	25.87					3.56
08 71 19 00-0030	LF		Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q) Note: Includes kerf-in foam seal.	25.75					3.56
08 71 19 00-0031			Aluminum, Inswing Locking Astragals (08 71 19 00-0027)						
08 71 19 00-0032	LF		Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV) Note: Includes pile seal at inner door edge and neoprene bottom seal. <i>For Silicone Insert, Add</i> <i>For Color Anodized Finish, Add</i>	15.48 0.63 1.69					3.56
08 71 19 00-0033	LF		Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV) Note: Includes pile seal at inner door edge and neoprene bottom seal. <i>For Silicone Insert, Add</i> <i>For Color Anodized Finish, Add</i>	18.23 0.63 2.24					3.56
08 71 19 00-0034	LF		Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. <i>For Magnetic Kerf-In Insert, Add</i> <i>For Color Anodized Finish, Add</i>	16.52 0.47 1.90					3.56
08 71 19 00-0035	LF		Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ) Note: Includes pile seal at inner door edge and kerf-in foam bottom seal. <i>For Magnetic Kerf-In Insert, Add</i> <i>For Color Anodized Finish, Add</i>	19.25 0.47 2.44					3.56
08 71 19 00-0036			Security Astragals (08 71 19 00-0002)						
08 71 19 00-0037	LF		Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C)..... <i>For Color Anodized Finish, Add</i>	14.57 7.54					3.56
08 71 19 00-0038	LF		2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP)	23.22					3.56
08 71 19 00-0039			Meeting Stile Astragals (08 71 19 00-0002)						
08 71 19 00-0040			One Piece, Meeting Stile Astragals (08 71 19 00-0039) Note: Includes an astragal for one door only.						
08 71 19 00-0041	LF		1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP)..... <i>For Color Anodized Finish, Add</i>	9.83 0.84					3.56
08 71 19 00-0042	LF		1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN) <i>For Color Anodized Finish, Add</i>	15.24 1.87					5.30
08 71 19 00-0043	LF		9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN) <i>For Color Anodized Finish, Add</i>	19.31 0.87					5.30

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 19 00-0044	LF 15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	19.83	5.30
	<i>For Color Anodized Finish, Add</i>	2.32	
08 71 19 00-0045	LF 1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	29.74	5.30
08 71 19 00-0046	Two Piece, Meeting Stile Split Astragals (08 71 19 00-0039) Note: Includes one astragal for each door.		
08 71 19 00-0047	LF 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	12.72	5.30
	<i>For Silicone Insert, Add</i>	0.95	
	<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0048	LF 1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV).....	12.72	5.30
	<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0049	LF 1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV).....	12.72	5.30
	<i>For Silicone Insert, Add</i>	0.95	
	<i>For Color Anodized Finish, Add</i>	2.15	
08 71 19 00-0050	LF 3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN).....	18.42	5.30
	<i>For Silicone Insert, Add</i>	0.63	
	<i>For Color Anodized Finish, Add</i>	1.57	
08 71 19 00-0051	LF 3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB).....	15.62	5.30
	<i>For Color Anodized Finish, Add</i>	2.02	
08 71 19 00-0052	LF 5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB).....	15.99	5.30
	<i>For Color Anodized Finish, Add</i>	2.17	
08 71 19 00-0053	LF 3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV).....	18.80	5.30
	<i>For Color Anodized Finish, Add</i>	4.12	
	<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0054	LF 3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB).....	19.17	5.30
	<i>For Color Anodized Finish, Add</i>	3.44	
08 71 19 00-0055	LF 5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB).....	19.54	5.30
	<i>For Color Anodized Finish, Add</i>	3.59	
08 71 19 00-0056	Two Piece, Adjustable Meeting Stile Split Astragals (08 71 19 00-0039) Note: Includes one astragal for each door.		
08 71 19 00-0057	Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (08 71 19 00-0056)		
08 71 19 00-0058	LF 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	32.82	5.30
	<i>For Color Anodized Finish, Add</i>	5.56	
	<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0059	LF 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	33.40	5.30
	<i>For Silicone Insert, Add</i>	0.63	
	<i>For Color Anodized Finish, Add</i>	4.57	
08 71 19 00-0060	Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (08 71 19 00-0056)		
08 71 19 00-0061	LF 3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	154.53	5.30
	<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0062	LF 3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP).....	144.46	5.30
	<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0063	Door Sweeps (08 71 19 00-0001)		
08 71 19 00-0064	Tack On Door Sweeps (08 71 19 00-0063)		
08 71 19 00-0065	LF For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	4.61	1.97
08 71 19 00-0066	LF For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	4.66	1.97
08 71 19 00-0067	LF For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V).....	4.83	1.97
08 71 19 00-0068	Aluminum Retainer Door Sweeps (08 71 19 00-0063)		
08 71 19 00-0069	35 Degree, Aluminum Retainer Door Sweeps (08 71 19 00-0068) Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 71 19 00-0070	LF 5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	10.62	3.95
	<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0071	LF 1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB).....	10.90	3.95
	<i>For Color Anodized Finish, Add</i>	1.05	
08 71 19 00-0072	45 Degree, Aluminum Retainer Door Sweeps (08 71 19 00-0068) Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 71 19 00-0073	LF 1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB).....	15.39	3.95
	<i>For Color Anodized Finish, Add</i>	2.99	

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

08 71 19 00-0074	LF	2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	16.51	3.95
		<i>For Color Anodized Finish, Add</i>	3.44	
08 71 19 00-0075	LF	4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	18.94	3.95
		<i>For Color Anodized Finish, Add</i>	4.41	
08 71 19 00-0076		90 Degree, Aluminum Retainer Door Sweeps <small>(08 71 19 00-0068)</small>		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 71 19 00-0077	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	11.56	3.95
		<i>For Color Anodized Finish, Add</i>	0.37	
08 71 19 00-0078	LF	5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	11.46	3.95
		<i>For Color Anodized Finish, Add</i>	0.36	
08 71 19 00-0079	LF	1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	12.12	3.95
		<i>For Color Anodized Finish, Add</i>	1.47	
08 71 19 00-0080	LF	1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	12.40	3.95
		<i>For Color Anodized Finish, Add</i>	1.80	
08 71 19 00-0081	LF	7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN).....	11.27	3.95
		<i>For Color Anodized Finish, Add</i>	0.84	
08 71 19 00-0082	LF	11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	13.89	3.95
		<i>For Color Anodized Finish, Add</i>	1.20	
08 71 19 00-0083	LF	15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	11.84	3.95
		<i>For Color Anodized Finish, Add</i>	0.79	
08 71 19 00-0084	LF	9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV).....	9.38	3.95
		Note: Includes mill finish.		
		<i>For Color Anodized Finish, Add</i>	0.74	
08 71 19 00-0085	LF	1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV).....	9.45	3.95
		Note: Includes mill finish.		
		<i>For Color Anodized Finish, Add</i>	0.77	
08 71 19 00-0086	LF	1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	10.25	3.95
		Note: Includes mill finish.		
		<i>For Color Anodized Finish, Add</i>	0.82	
08 71 19 00-0087		180 Degree, Aluminum Retainer Door Sweeps <small>(08 71 19 00-0068)</small>		
		Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 71 19 00-0088		180 Degree, Aluminum Retainer Door Sweeps <small>(08 71 19 00-0067)</small>		
08 71 19 00-0089	LF	3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	10.43	3.95
		<i>For Color Anodized Finish, Add</i>	1.01	
08 71 19 00-0090	LF	5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	10.62	3.95
		<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0091	LF	1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	12.12	3.95
		<i>For Color Anodized Finish, Add</i>	1.47	
08 71 19 00-0092		180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps <small>(08 71 19 00-0087)</small>		
08 71 19 00-0093	LF	3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	12.21	3.95
		<i>For Color Anodized Finish, Add</i>	1.72	
08 71 19 00-0094	LF	5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	12.40	3.95
		<i>For Color Anodized Finish, Add</i>	1.80	
08 71 19 00-0095	LF	1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	13.18	3.95
		<i>For Color Anodized Finish, Add</i>	2.11	
08 71 19 00-0096		Mortised, Aluminum Retainer Door Sweeps <small>(08 71 19 00-0068)</small>		
		Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 71 19 00-0097	LF	1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB).....	9.59	3.95
08 71 19 00-0098	LF	13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB).....	9.59	3.95
08 71 19 00-0099	LF	5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB).....	9.69	3.95
08 71 19 00-0100		Aluminum Retainer Door Sweeps With Rain Drip <small>(08 71 19 00-0063)</small>		
08 71 19 00-0101		90 Degree, Aluminum Retainer Door Sweeps With Rain Drip <small>(08 71 19 00-0100)</small>		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 71 19 00-0102	LF	1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV).....	9.41	3.95
		<i>For Color Anodized Finish, Add</i>	1.05	
08 71 19 00-0103	LF	1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV).....	10.62	3.95
		<i>For Color Anodized Finish, Add</i>	1.08	
08 71 19 00-0104	LF	3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB).....	11.53	3.95
		Note: Includes clear anodized finish.		
		<i>For Color Anodized Finish, Add</i>	0.72	
08 71 19 00-0105	LF	7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB).....	11.70	3.95
		<i>For Color Anodized Finish, Add</i>	0.76	
08 71 19 00-0106		Brass/Bronze Retainer Door Sweeps <small>(08 71 19 00-0063)</small>		
08 71 19 00-0107		90 Degree, Brass/Bronze Retainer Door Sweeps <small>(08 71 19 00-0106)</small>		
		Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0108	LF	7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	13.52	3.95
08 71 19 00-0109		Oak Retainer Door Sweeps <small>(08 71 19 00-0063)</small>		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
08 71 19 00-0110					90 Degree, Oak Retainer Door Sweeps (08 71 19 00-0109) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 71 19 00-0111	LF				9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB)	11.37	3.95
08 71 19 00-0112	LF				15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	12.84	3.95
08 71 19 00-0113					Door Shoes And Bottoms (08 71 19 00-0001)		
08 71 19 00-0114					Door Shoes (08 71 19 00-0113)		
08 71 19 00-0115					Aluminum Retainer Door Shoes (08 71 19 00-0114)		
08 71 19 00-0116					Bottom Mount, Aluminum Retainer Door Shoes (08 71 19 00-0115)		
08 71 19 00-0117	LF				Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)	10.15	3.95
					For Color Anodized Finish, Add	0.90	
					For Thermo-Plastic Elastomer Insert, Add	0.68	
08 71 19 00-0118	LF				Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)	10.43	3.95
					For Color Anodized Finish, Add	1.01	
08 71 19 00-0119	LF				Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	13.14	3.95
					For Color Anodized Finish, Add	1.05	
08 71 19 00-0120					Side Mount, Aluminum Retainer Door Shoes (08 71 19 00-0115)		
08 71 19 00-0121	LF				Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)	11.37	3.95
					For Color Anodized Finish, Add	1.38	
					For Thermo-Plastic Elastomer Insert, Add	0.68	
08 71 19 00-0122					L Or U Shaped, Aluminum Retainer Door Shoes (08 71 19 00-0115)		
08 71 19 00-0123	LF				Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	10.62	3.95
					For Color Anodized Finish, Add	1.36	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0124	LF				Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)	11.18	3.95
					For Color Anodized Finish, Add	1.31	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0125	LF				Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)	11.37	3.95
					For Color Anodized Finish, Add	1.38	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0126	LF				Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	15.17	3.95
					For Color Anodized Finish, Add	1.45	
08 71 19 00-0127	LF				Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV)	15.36	3.95
					For Color Anodized Finish, Add	1.49	
08 71 19 00-0128					L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes (08 71 19 00-0115)		
08 71 19 00-0129	LF				Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	10.81	3.95
					For Color Anodized Finish, Add	1.45	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0130	LF				Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)	11.37	3.95
					For Color Anodized Finish, Add	1.38	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0131	LF				Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)	11.46	3.95
					For Color Anodized Finish, Add	1.42	
					For Thermo-Plastic Elastomer Insert, Add	0.42	
08 71 19 00-0132					Vinyl Door Shoes (08 71 19 00-0114)		
08 71 19 00-0133	LF				1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	12.64	3.95
08 71 19 00-0134	LF				1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV)	14.76	3.95
08 71 19 00-0135					Door Bottoms (08 71 19 00-0113)		
08 71 19 00-0136					Automatic Door Bottoms (08 71 19 00-0135)		
08 71 19 00-0137					Aluminum Automatic Door Bottoms (08 71 19 00-0136)		
08 71 19 00-0138	LF				Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL)	20.22	3.95
					For Color Anodized Finish, Add	2.46	
08 71 19 00-0139	LF				Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL)	27.93	3.95
					For Color Anodized Finish, Add	4.00	
08 71 19 00-0140					Door Top Protection (08 71 19 00-0001)		
08 71 19 00-0141	LF				Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343)	8.38	3.16
					For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	0.56	
08 71 19 00-0142	LF				Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344)	8.38	3.16
					For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	0.56	
08 71 19 00-0143	LF				2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	9.46	3.16
					For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add	0.86	
08 71 19 00-0144	EA				For 20 Oz Copper Drip Cap For Exterior Door	96.32	
08 71 19 00-0145					Perimeter Gasketing Weather-Strip (08 71 19 00-0001) Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		

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

08 71 19 00-0146			Adhesive Backed Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
08 71 19 00-0147	LF		3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33)	2.63	1.97
			<i>For Intumescent Seal, Add</i>	1.50	
08 71 19 00-0148	LF		1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55)	2.66	1.97
			<i>For Intumescent Seal, Add</i>	1.50	
08 71 19 00-0149	LF		1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88).....	3.50	1.97
08 71 19 00-0150	LF		7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44)	2.83	1.97
08 71 19 00-0151	LF		5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77)	3.56	1.97
			<i>For Intumescent Seal, Add</i>	1.50	
08 71 19 00-0152	LF		1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773).....	3.34	1.97
			<i>For Intumescent Seal, Add</i>	1.50	
08 71 19 00-0153	LF		7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44)	4.24	1.97
08 71 19 00-0154	LF		1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88)	3.96	1.97
08 71 19 00-0155			Kerf-In Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
08 71 19 00-0156	LF		3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50).....	2.41	1.97
08 71 19 00-0157	LF		7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52).....	3.32	1.97
08 71 19 00-0158	LF		3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103)	2.63	1.97
08 71 19 00-0159	LF		5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102)	2.60	1.97
08 71 19 00-0160	LF		3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349)	3.22	1.97
08 71 19 00-0161			Cushion/Spring Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
08 71 19 00-0162			Spring Bronze Perimeter Gasketing Weather-Strip (08 71 19 00-0161)		
08 71 19 00-0163	LF		1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	6.70	1.97
08 71 19 00-0164	LF		1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	6.70	1.97
08 71 19 00-0165	LF		1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	7.25	1.97
08 71 19 00-0166	LF		1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	7.36	1.97
08 71 19 00-0167			Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (08 71 19 00-0161)		
08 71 19 00-0168	LF		5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73)	6.40	1.97
08 71 19 00-0169	LF		7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74)	7.25	1.97
08 71 19 00-0170	LF		1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75)	8.17	1.97
08 71 19 00-0171			Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
08 71 19 00-0172			Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0171)		
08 71 19 00-0173	LF		1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV)	5.02	1.97
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	1.07	
08 71 19 00-0174	LF		1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV)	5.02	1.97
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	1.07	
08 71 19 00-0175	LF		1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV)	5.02	1.97
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	1.07	
08 71 19 00-0176	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN).....	7.88	1.97
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	0.79	
08 71 19 00-0177	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV).....	8.06	1.97
			<i>For Color Anodized Finish, Add</i>	2.06	
			<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0178	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR).....	8.06	1.97
			<i>For Color Anodized Finish, Add</i>	1.44	
08 71 19 00-0179			Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0171)		
08 71 19 00-0180			Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0179)		
08 71 19 00-0181	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)	7.74	1.97
			<i>For Silicone Insert, Add</i>	0.95	
08 71 19 00-0182			Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0179)		
08 71 19 00-0183	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	8.48	1.97
08 71 19 00-0184			Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 19 00-0185		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0184)		
08 71 19 00-0186	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	20.45	1.97
		<i>For Silicone Insert, Add</i>	1.58	
08 71 19 00-0187	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	35.23	1.97
08 71 19 00-0188		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0184)		
08 71 19 00-0189		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0188)		
08 71 19 00-0190	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	30.32	1.97
		<i>For Silicone Insert, Add</i>	0.63	
08 71 19 00-0191		Aluminum Interlock, Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
08 71 19 00-0192	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A).....	11.78	3.95
		Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.		
		<i>For Color Anodized Finish, Add</i>	1.55	
08 71 19 00-0193	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR).....	12.11	3.95
		Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.		
		<i>For Color Anodized Finish, Add</i>	1.68	
08 71 19 00-0194		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 71 19 00-0145)		
		Note: Seals gaps from 1/16" to 1/4".		
08 71 19 00-0195	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	13.16	1.97
		<i>For Color Anodized Finish, Add</i>	1.84	
08 71 19 00-0196	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR).....	13.82	1.97
		<i>For Color Anodized Finish, Add</i>	1.97	
08 71 19 00-0197		Perimeter Gasketing Smoke Seals (08 71 19 00-0001)		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 71 19 00-0198	LF	Compression Bulb, Adhesive Backed Perimeter Gasketing Smoke Seal (Pemko HSS2000)	3.45	1.97
08 71 21		Thresholds (08 71)		
08 71 21 00-0001		Thresholds (08 71 21)		
		Note: Includes material, fasteners, installation, caulk and sealants.		
08 71 21 00-0002		Metal Thresholds (08 71 21 00-0001)		
08 71 21 00-0003		Saddle Thresholds (08 71 21 00-0002)		
08 71 21 00-0004		Aluminum Saddle Thresholds (08 71 21 00-0003)		
		Note: Includes mill finish.		
08 71 21 00-0005		3/16" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)		
08 71 21 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)	19.37	6.33
		<i>For Color Anodized Finish, Add</i>	1.42	
08 71 21 00-0007		1/4" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)		
08 71 21 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)	20.96	6.33
		<i>For Color Anodized Finish, Add</i>	2.06	
08 71 21 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)	24.82	7.91
		<i>For Color Anodized Finish, Add</i>	3.54	
08 71 21 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A)	33.23	7.91
		<i>For Color Anodized Finish, Add</i>	6.73	
08 71 21 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A)	28.74	7.91
		<i>For Color Anodized Finish, Add</i>	3.14	
08 71 21 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A)	31.92	7.91
		<i>For Color Anodized Finish, Add</i>	3.04	
08 71 21 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A)	38.31	9.49
		<i>For Color Anodized Finish, Add</i>	3.65	
08 71 21 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A)	40.46	9.49
		<i>For Color Anodized Finish, Add</i>	4.18	
08 71 21 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)	43.89	9.49
		<i>For Color Anodized Finish, Add</i>	5.04	
08 71 21 00-0016		5/16" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)		
08 71 21 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)	20.68	6.33
		<i>For Color Anodized Finish, Add</i>	1.70	
08 71 21 00-0018		1/2" Height, Aluminum Saddle Thresholds (08 71 21 00-0004)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0019	LF		3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A) <i>For Color Anodized Finish, Add</i>	20.77 2.48	6.33
08 71 21 00-0020	LF		4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A) <i>For Color Anodized Finish, Add</i>	25.57 4.06	7.91
08 71 21 00-0021	LF		5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A) <i>For Color Anodized Finish, Add</i>	27.39 3.81	7.91
08 71 21 00-0022	LF		6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A) <i>For Color Anodized Finish, Add</i>	28.93 3.21	7.91
08 71 21 00-0023	LF		7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A) <i>For Color Anodized Finish, Add</i>	31.92 3.04	7.91
08 71 21 00-0024	LF		8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A) <i>For Color Anodized Finish, Add</i>	39.43 5.50	9.49
08 71 21 00-0025	LF		9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A) <i>For Color Anodized Finish, Add</i>	41.40 7.07	9.49
08 71 21 00-0026	LF		10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A) <i>For Color Anodized Finish, Add</i>	43.36 7.85	9.49
08 71 21 00-0027			Brass/Bronze Saddle Thresholds (08 71 21 00-0003)		
08 71 21 00-0028			3/16" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)		
08 71 21 00-0029	LF		2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B)	60.70	6.33
08 71 21 00-0030			1/4" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)		
08 71 21 00-0031	LF		3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B)	95.02	6.33
08 71 21 00-0032	LF		4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B)	114.81	7.91
08 71 21 00-0033	LF		5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B)	138.57	7.91
08 71 21 00-0034	LF		6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B)	161.67	7.91
08 71 21 00-0035	LF		7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B)	188.07	7.91
08 71 21 00-0036	LF		8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B)	241.53	9.49
08 71 21 00-0037			1/2" Height, Brass/Bronze Saddle Thresholds (08 71 21 00-0027)		
08 71 21 00-0038	LF		4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B)	125.37	7.91
08 71 21 00-0039	LF		5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B)	151.77	7.91
08 71 21 00-0040	LF		6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B)	178.17	7.91
08 71 21 00-0041	LF		7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B)	211.17	7.91
08 71 21 00-0042	LF		8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B)	299.83	9.49
08 71 21 00-0043	LF		10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B)	284.69	9.49
08 71 21 00-0044			Stainless Steel Saddle Thresholds (08 71 21 00-0003)		
08 71 21 00-0045			1/2" Height, Stainless Steel Saddle Thresholds (08 71 21 00-0044)		
08 71 21 00-0046	LF		4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS)	105.57	7.91
08 71 21 00-0047	LF		5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS)	112.17	7.91
08 71 21 00-0048			Half Saddle Thresholds (08 71 21 00-0002)		
08 71 21 00-0049			Aluminum Half Saddle Thresholds (08 71 21 00-0048) Note: Includes mill finish.		
08 71 21 00-0050			3/4" Height, Aluminum Half Saddle Thresholds (08 71 21 00-0049)		
08 71 21 00-0051	LF		5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)	29.15	7.91
			<i>For Color Anodized Finish, Add</i>	3.75	
08 71 21 00-0052	LF		7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)	35.94	7.91
			<i>For Color Anodized Finish, Add</i>	1.62	
08 71 21 00-0053			Offset Saddle Thresholds (08 71 21 00-0002)		
08 71 21 00-0054			Aluminum Offset Saddle Thresholds (08 71 21 00-0053) Note: Includes mill finish.		
08 71 21 00-0055			1/2" Height, Aluminum Offset Saddle Thresholds (08 71 21 00-0054)		
08 71 21 00-0056	LF		5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A)	29.21	7.91
			<i>For Color Anodized Finish, Add</i>	4.72	
08 71 21 00-0057	LF		7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A)	31.64	7.91
			<i>For Color Anodized Finish, Add</i>	4.15	
08 71 21 00-0058			3/4" Height, Aluminum Offset Saddle Thresholds (08 71 21 00-0054)		
08 71 21 00-0059	LF		5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A)	29.21	7.91
			<i>For Color Anodized Finish, Add</i>	4.72	
08 71 21 00-0060			1" Height, Aluminum Offset Saddle Thresholds (08 71 21 00-0054)		
08 71 21 00-0061	LF		7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A)	32.58	7.91
			<i>For Color Anodized Finish, Add</i>	4.48	
08 71 21 00-0062			Modular Ramp Thresholds (08 71 21 00-0001) Note: Includes mill finish.		
08 71 21 00-0063			Flush, Aluminum Modular Ramp Thresholds (08 71 21 00-0062)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0064	LF		6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA) <i>For Non-Slip Surfacing, Add</i>	29.36 40.62	7.91
08 71 21 00-0065	LF		9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA) <i>For Non-Slip Surfacing, Add</i>	35.95 51.94	8.70
08 71 21 00-0066	LF		12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA) <i>For Non-Slip Surfacing, Add</i>	45.00 70.64	9.88
08 71 21 00-0067	LF		15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA) <i>For Non-Slip Surfacing, Add</i>	55.83 95.23	10.28
08 71 21 00-0068	LF		18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA) <i>For Non-Slip Surfacing, Add</i>	64.44 126.90	11.07
08 71 21 00-0069	LF		21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA) <i>For Non-Slip Surfacing, Add</i>	78.96 141.54	12.26
08 71 21 00-0070	LF		24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA) <i>For Non-Slip Surfacing, Add</i>	87.93 158.70	13.44
08 71 21 00-0071	LF		28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA) <i>For Non-Slip Surfacing, Add</i>	93.24 161.93	14.24
08 71 21 00-0072			3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 71 21 00-0062)		
08 71 21 00-0073	LF		12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA) <i>For Non-Slip Surfacing, Add</i>	47.58 75.09	9.88
08 71 21 00-0074	LF		15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA) <i>For Non-Slip Surfacing, Add</i>	55.06 93.15	10.28
08 71 21 00-0075	LF		18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA) <i>For Non-Slip Surfacing, Add</i>	68.27 115.80	11.87
08 71 21 00-0076	LF		22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA) <i>For Non-Slip Surfacing, Add</i>	64.45 101.76	12.65
08 71 21 00-0077	LF		25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA) <i>For Non-Slip Surfacing, Add</i>	90.60 165.65	13.44
08 71 21 00-0078	LF		28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA) <i>For Non-Slip Surfacing, Add</i>	98.77 182.78	14.24
08 71 21 00-0079	LF		31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA) <i>For Non-Slip Surfacing, Add</i>	119.56 232.73	15.03
08 71 21 00-0080			7" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 71 21 00-0062)		
08 71 21 00-0081	LF		16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA) <i>For Non-Slip Surfacing, Add</i>	54.60 93.07	10.68
08 71 21 00-0082	LF		19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA) <i>For Non-Slip Surfacing, Add</i>	63.65 111.78	11.87
08 71 21 00-0083	LF		22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA) <i>For Non-Slip Surfacing, Add</i>	75.27 134.89	12.65
08 71 21 00-0084	LF		25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA) <i>For Non-Slip Surfacing, Add</i>	83.88 153.87	13.44
08 71 21 00-0085	LF		28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA) <i>For Non-Slip Surfacing, Add</i>	97.60 179.74	14.24
08 71 21 00-0086	LF		31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA) <i>For Non-Slip Surfacing, Add</i>	105.78 196.90	15.03
08 71 21 00-0087	LF		35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA) <i>For Non-Slip Surfacing, Add</i>	121.14 223.78	15.82
08 71 21 00-0088			Accessories For Aluminum Modular Ramp Thresholds (08 71 21 00-0062)		
08 71 21 00-0089			Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds (08 71 21 00-0088)		
08 71 21 00-0090	PR		Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	120.25 12.06	9.88
08 71 21 00-0091	PR		>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	181.78 19.44	9.88
08 71 21 00-0092	PR		>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	356.39 39.44	13.84
08 71 21 00-0093			Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds (08 71 21 00-0088)		
08 71 21 00-0094	PR		Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	120.25 12.06	9.88
08 71 21 00-0095	PR		>1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	181.78 19.44	9.88
08 71 21 00-0096	PR		>1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	356.39 39.44	13.84
08 71 21 00-0097			Latching Panic Exit Saddle Thresholds (08 71 21 00-0001) Note: Includes vinyl or pile seal.		
08 71 21 00-0098			Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0097) Note: Includes mill finish.		
08 71 21 00-0099			Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0098)		
08 71 21 00-0100			7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0099)		
08 71 21 00-0101	LF		4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	34.07 5.01 0.63	7.91
08 71 21 00-0102	LF		5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	29.30 4.77 0.63	7.91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0103	LF		6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	37.06 6.05 0.63	7.91
08 71 21 00-0104	LF		7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	38.37 6.51 0.63	7.91
08 71 21 00-0105			1" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0099)		
08 71 21 00-0106	LF		3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	28.18 4.21 0.63	7.91
08 71 21 00-0107	LF		5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	29.49 4.86 0.63	7.91
08 71 21 00-0108			Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0098)		
08 71 21 00-0109			7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 71 21 00-0108)		
08 71 21 00-0110	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	30.89 4.45 0.63	7.91
08 71 21 00-0111	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	32.11 4.94 0.63	7.91
08 71 21 00-0112	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	33.88 4.94 0.63	7.91
08 71 21 00-0113	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP)..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	35.89 5.64 0.63	7.91
08 71 21 00-0114			Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0097)		
08 71 21 00-0115			Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0114)		
08 71 21 00-0116			7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0115)		
08 71 21 00-0117	LF		4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV)..... <i>For Thermoseal, Add</i>	179.49 0.63	7.91
08 71 21 00-0118	LF		5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV)..... <i>For Thermoseal, Add</i>	166.29 0.63	7.91
08 71 21 00-0119	LF		6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV)..... <i>For Thermoseal, Add</i>	240.21 0.63	7.91
08 71 21 00-0120	LF		7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV)..... <i>For Thermoseal, Add</i>	214.60 0.63	7.91
08 71 21 00-0121			1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0115)		
08 71 21 00-0122	LF		5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)..... <i>For Thermoseal, Add</i>	176.59 0.63	7.91
08 71 21 00-0123			Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0114)		
08 71 21 00-0124			7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 71 21 00-0123)		
08 71 21 00-0125	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)..... <i>For Thermoseal, Add</i>	181.87 0.63	8.70
08 71 21 00-0126	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)..... <i>For Thermoseal, Add</i>	190.97 0.63	8.70
08 71 21 00-0127	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)..... <i>For Thermoseal, Add</i>	240.21 0.63	8.70
08 71 21 00-0128	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)..... <i>For Thermoseal, Add</i>	218.19 0.63	9.10
08 71 21 00-0129			Carpet Separator Thresholds (08 71 21 00-0001)		
08 71 21 00-0130			Aluminum, Carpet Separator Thresholds (08 71 21 00-0129) Note: Includes mill finish.		
08 71 21 00-0131			3/8" Height, Aluminum, Carpet Separator Thresholds (08 71 21 00-0130)		
08 71 21 00-0132	LF		2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)..... <i>For Color Anodized Finish, Add</i>	21.52 2.28	6.33

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 71 21 00-0133		7/16" Height, Aluminum, Carpet Separator Thresholds (08 71 21 00-0130)			
08 71 21 00-0134	LF	1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A).....	17.77		5.54
		<i>For Color Anodized Finish, Add</i>	1.38		
08 71 21 00-0135	LF	4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A).....	26.78		6.33
		<i>For Color Anodized Finish, Add</i>	2.80		
08 71 21 00-0136	LF	6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A).....	30.71		6.33
		<i>For Color Anodized Finish, Add</i>	4.38		
08 71 21 00-0137		1/2" Height, Aluminum, Carpet Separator Thresholds (08 71 21 00-0130)			
08 71 21 00-0138	LF	1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A).....	16.55		5.54
		<i>For Color Anodized Finish, Add</i>	0.68		
08 71 21 00-0139		3/4" Height, Aluminum, Carpet Separator Thresholds (08 71 21 00-0130)			
08 71 21 00-0140	LF	1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A).....	17.77		5.54
		<i>For Color Anodized Finish, Add</i>	1.18		
08 71 21 00-0141	LF	3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A).....	27.06		7.91
		<i>For Color Anodized Finish, Add</i>	2.92		
08 71 21 00-0142	LF	4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A).....	28.18		7.91
		<i>For Color Anodized Finish, Add</i>	2.52		
08 71 21 00-0143		Brass/Bronze, Carpet Separator Thresholds (08 71 21 00-0129)			
08 71 21 00-0144		3/8" Height, Brass/Bronze, Carpet Separator Thresholds (08 71 21 00-0143)			
08 71 21 00-0145	LF	2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B).....	96.47		6.33
08 71 21 00-0146		7/16" Height, Brass/Bronze, Carpet Separator Thresholds (08 71 21 00-0143)			
08 71 21 00-0147	LF	1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B).....	128.18		5.54
08 71 21 00-0148	LF	4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B).....	115.47		7.91
08 71 21 00-0149		Vinyl Transition Thresholds (08 71 21 00-0001)			
		Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.			
08 71 21 00-0150		Carpet To Carpet, Vinyl Transition Thresholds (08 71 21 00-0149)			
		Note: Serves as a transition where carpet meets carpet beneath a door.			
08 71 21 00-0151	LF	2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL).....	24.95		6.33
08 71 21 00-0152		Carpet To Tile, Vinyl Transition Thresholds (08 71 21 00-0149)			
		Note: Serves as a transition where carpet meets tile beneath a door.			
08 71 21 00-0153	LF	2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL).....	24.95		6.33
08 71 21 00-0154		Carpet To Concrete, Vinyl Transition Thresholds (08 71 21 00-0149)			
		Note: Serves as a transition where carpet meets concrete beneath a door.			
08 71 21 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....	27.54		7.91
08 71 21 00-0156		Carpet To VCT Tile, Vinyl Transition Thresholds (08 71 21 00-0149)			
		Note: Serves as a transition where carpet meets VCT Tile beneath a door.			
08 71 21 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL).....	29.05		7.91
08 71 21 00-0158		Residential Thresholds (08 71 21 00-0001)			
08 71 21 00-0159		Wood Residential Thresholds (08 71 21 00-0158)			
08 71 21 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	11.59		3.95
08 71 21 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	11.91		3.95
08 71 21 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	15.28		4.21
08 71 21 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	15.58		4.37
08 71 21 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	22.13		4.49
08 71 21 00-0165		Vinyl Top, Wood Residential Thresholds (08 71 21 00-0158)			
08 71 21 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	13.31		3.95
08 71 21 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	15.86		4.37
08 71 21 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	26.80		4.37
08 71 21 00-0169		Vinyl Top, Aluminum Residential Thresholds (08 71 21 00-0158)			
08 71 21 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....	13.34		3.95
		<i>For Color Anodized Finish, Add</i>	1.38		
08 71 21 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	15.40		4.37
		<i>For Color Anodized Finish, Add</i>	1.80		
08 71 21 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	16.14		4.37
		<i>For Color Anodized Finish, Add</i>	2.09		
08 71 21 00-0173		Interlocking Residential Thresholds (08 71 21 00-0158)			
08 71 21 00-0174		Aluminum Interlocking Residential Thresholds (08 71 21 00-0173)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 21 00-0175			1/2" Height, Aluminum Interlocking Residential Thresholds (08 71 21 00-0174)		
08 71 21 00-0176	LF		4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A) <i>For Color Anodized Finish, Add</i>	26.47 4.57	4.49
08 71 21 00-0177			5/8" Height, Aluminum Interlocking Residential Thresholds (08 71 21 00-0174)		
08 71 21 00-0178	LF		3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A) <i>For Color Anodized Finish, Add</i>	18.46 2.38	4.21
08 71 21 00-0179	LF		3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A) <i>For Color Anodized Finish, Add</i>	17.17 3.13	4.37
08 71 21 00-0180	LF		4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A) <i>For Color Anodized Finish, Add</i>	19.55 2.50	4.49
08 71 21 00-0181			7/8" Height, Aluminum Interlocking Residential Thresholds (08 71 21 00-0174)		
08 71 21 00-0182	LF		4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A) <i>For Color Anodized Finish, Add</i>	21.04 4.91	4.49
08 71 21 00-0183			Brass/Bronze Interlocking Residential Thresholds (08 71 21 00-0173)		
08 71 21 00-0184			1/2" Height, Brass/Bronze Interlocking Residential Thresholds (08 71 21 00-0183)		
08 71 21 00-0185	LF		4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B) <i>For Color Anodized Finish, Add</i>	133.33 2.38	4.49
08 71 21 00-0186			5/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 71 21 00-0183)		
08 71 21 00-0187	LF		3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B) <i>For Color Anodized Finish, Add</i>	100.01 2.38	4.37
08 71 21 00-0188			7/8" Height, Brass/Bronze Interlocking Residential Thresholds (08 71 21 00-0183)		
08 71 21 00-0189	LF		4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B) <i>For Color Anodized Finish, Add</i>	136.63 2.38	4.49
08 71 21 00-0190	LF		5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B) <i>For Color Anodized Finish, Add</i>	196.34 2.38	4.62
08 71 21 00-0191			Residential Door Sills (08 71 21 00-0001)		
08 71 21 00-0192			Fixed Aluminum Residential Door Sills (08 71 21 00-0191)		
08 71 21 00-0193	LF		4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A) <i>For Color Anodized Finish, Add</i>	16.56 2.67	4.49
08 71 21 00-0194	LF		5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A) <i>For Color Anodized Finish, Add</i>	17.60 2.42	4.62
08 71 21 00-0195			Adjustable Aluminum Top, Aluminum Residential Door Sills (08 71 21 00-0191)		
08 71 21 00-0196	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) <i>For Color Anodized Finish, Add</i>	22.27 3.86	4.49
08 71 21 00-0197	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) <i>For Color Anodized Finish, Add</i>	22.85 3.96	4.62
08 71 21 00-0198			Adjustable Wood Top, Aluminum Residential Door Sills (08 71 21 00-0191)		
08 71 21 00-0199	LF		3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW) <i>For Color Anodized Finish, Add</i>	22.39 4.02	4.37
08 71 21 00-0200	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW) <i>For Color Anodized Finish, Add</i>	22.72 2.87	4.49
08 71 21 00-0201	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW) <i>For Color Anodized Finish, Add</i>	23.65 3.03	4.62
08 71 21 00-0202			Extenders For Aluminum Residential Door Sills (08 71 21 00-0191)		
08 71 21 00-0203	LF		3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) <i>For Color Anodized Finish, Add</i>	10.25 1.64	3.95
08 71 21 00-0204	LF		2" Extender For Aluminum Residential Door Sills (Pemko EXT2A) <i>For Color Anodized Finish, Add</i>	10.99 1.54	3.95
08 71 21 00-0205	LF		3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) <i>For Color Anodized Finish, Add</i>	11.74 0.96	3.95
08 71 21 00-0206			Stone Thresholds (08 71 21 00-0001)		
08 71 21 00-0207			Marble Thresholds (08 71 21 00-0206)		
08 71 21 00-0208	LF		2" Width, 5/8" Height, Plain Marble Threshold.....	14.75	6.01
08 71 21 00-0209	LF		4" Width, 5/8" Height, Plain Marble Threshold.....	15.75	6.01
08 71 21 00-0210	LF		6" Width, 5/8" Height, Plain Marble Threshold.....	17.08	6.01
08 71 21 00-0211	LF		4" Width, 7/8" Height, Plain Marble Threshold.....	20.12	6.01
08 71 21 00-0212	LF		6" Width, 7/8" Height, Plain Marble Threshold.....	23.64	6.01
08 71 21 00-0213			Corian Thresholds (08 71 21 00-0206)		
08 71 21 00-0214	LF		Up To 5-3/4" Width, Corian Threshold.....	48.64	6.56

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 71 53 Security Door Hardware (08 71)

08 71 53 00-0001	Door Exit Alarm Hardware (08 71 53)		
08 71 53 00-0002	EA Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	207.18	29.67
08 71 53 00-0003	EA Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W)	281.90	29.67
08 71 53 00-0004	EA Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)	239.10	29.67
	Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005	EA Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W)	305.18	29.67
	Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006	EA Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	356.68	39.56
08 71 53 00-0007	EA Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S)	64.11	39.56
	Note: For use with Detex EAX exit alarms.		

08 74 Access Control Hardware (08 70)**08 74 16 Keypad Access Control Hardware (08 74)**

08 74 16 00-0001	Vindicator Security Alarm System (08 74 16)		
08 74 16 00-0002	EA Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00	991.09	179.25
08 74 16 00-0003	EA Detector, Passive Infrared (Security) Vindicator #316-30812-00	1,250.15	232.97
08 74 16 00-0004	EA Premise Control Unit (Security) Vindicator #548-32004-01	6,172.38	510.66
08 74 16 00-0005	EA Access Manager (Security Key Pad) Vindicator #548-31894-01	2,895.54	435.18
08 74 16 00-0006	EA ALS Duress Switch (Security) Vindicator #192-30810-00	826.20	238.05

08 75 Window Hardware (08 70)**08 75 00 00-0001 Window Opener Electric, With 1/2 HP Motor (08 75)**

08 75 00 00-0002	EA Gym Window Electronic Opener	1,227.78	168.52
------------------	---------------------------------------	----------	--------

08 79 Hardware Accessories (08 70)**08 79 00 00-0001 Pad Locks (08 79)**

08 79 00 00-0002	EA Combination Padlock	15.31	3.96
08 79 00 00-0003	EA Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height	34.28	3.96
08 79 00 00-0004	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height	31.71	3.96
08 79 00 00-0005	EA Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height	34.90	3.96
08 79 00 00-0006	EA Commercial U-Bar Lock	42.26	3.96
08 79 00 00-0007	EA Weather Tough Padlocks Keyed Alike	35.54	3.96
08 79 00 00-0008	EA High Security Padlocks	32.13	3.96
08 79 00 00-0009	EA Standard Key, Medium Security Padlock Keyed Alike	17.18	3.96

08 79 00 00-0010 Key Cabinet (08 79)**08 79 00 00-0011 Key Cabinets (08 79 00 00-0010)**

08 79 00 00-0012	EA Wall Mounted Key Cabinet, Up To 30 Keys	274.90	14.24
08 79 00 00-0013	EA Wall Mounted Key Cabinet, Up To 60 Keys	370.26	15.82
08 79 00 00-0014	EA Wall Mounted Key Cabinet, Up To 240 Keys	827.71	23.73
08 79 00 00-0015	EA Wall Mounted Key Cabinet, Up To 1,200 Keys	2,125.23	31.63
08 79 00 00-0016	EA Drawer Type Key Cabinet, Up To 600 Keys	2,264.26	20.96
08 79 00 00-0017	EA Drawer Type Key Cabinet, Up To 2,400 Keys	5,106.39	15.82
08 79 00 00-0018	EA Tray Type Key Cabinet, Up To 20 Keys	115.75	6.33
08 79 00 00-0019	EA Tray Type Key Cabinet, Up To 50 Keys	164.74	7.91

08 79 00 00-0020 Key Boxes Wall Mounted On Any Type Wall, With Anchor (08 79 00 00-0010)

08 79 00 00-0021	EA Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High	158.91	11.87
08 79 00 00-0022	EA Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High	179.53	11.87
08 79 00 00-0023	EA Relocate Key Box, Metal, 3" Deep x 10" Wide x 12" High, Including Storage And Cleaning	40.35	
08 79 00 00-0024	EA Relocate Heavy Duty Key Box, With Combo Lock Door, Including Storage And Cleaning	90.99	

08 80 Glazing (08)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing (08 80)**08 81 23 Factory Installed Glass (08 81)****08 81 23 00-0001 Clear Float Factory Installed Glass (08 81 23)****08 81 23 00-0002 Clear Float Factory Installed Glass (08 81 23 00-0001)**

08 81 23 00-0003	SF 1/8" Thick, Clear Float Factory Installed Glass	1.80	
	For >50 To 200, Deduct	-0.05	
	For >200 To 400, Deduct	-0.11	
	For >400, Deduct	-0.16	
	For Tinted Glass, Add	0.45	
	For Reflective Coated Glass, Add	0.81	
	For Low-E Coated Glass, Add	0.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 00-0004	SF		3/16" Thick, Clear Float Factory Installed Glass	1.93	
			For >50 To 200, Deduct	-0.06	
			For >200 To 400, Deduct	-0.12	
			For >400, Deduct	-0.17	
			For Tinted Glass, Add	0.48	
			For Reflective Coated Glass, Add	0.87	
			For Low-E Coated Glass, Add	0.48	
08 81 23 00-0005	SF		1/4" Thick, Clear Float Factory Installed Glass	2.34	
			For >50 To 200, Deduct	-0.07	
			For >200 To 400, Deduct	-0.14	
			For >400, Deduct	-0.21	
			For Tinted Glass, Add	0.59	
			For Reflective Coated Glass, Add	1.05	
			For Low-E Coated Glass, Add	0.59	
08 81 23 00-0006	SF		5/16" Thick, Clear Float Factory Installed Glass	3.89	
			For >50 To 200, Deduct	-0.12	
			For >200 To 400, Deduct	-0.23	
			For >400, Deduct	-0.35	
			For Tinted Glass, Add	0.97	
			For Reflective Coated Glass, Add	1.75	
			For Low-E Coated Glass, Add	0.97	
08 81 23 00-0007	SF		3/8" Thick, Clear Float Factory Installed Glass	5.66	
			For >50 To 200, Deduct	-0.17	
			For >200 To 400, Deduct	-0.34	
			For >400, Deduct	-0.51	
			For Tinted Glass, Add	1.42	
			For Reflective Coated Glass, Add	2.55	
			For Low-E Coated Glass, Add	1.42	
08 81 23 00-0008	SF		1/2" Thick, Clear Float Factory Installed Glass	6.22	
			For >50 To 200, Deduct	-0.19	
			For >200 To 400, Deduct	-0.37	
			For >400, Deduct	-0.56	
			For Tinted Glass, Add	1.56	
			For Reflective Coated Glass, Add	2.80	
			For Low-E Coated Glass, Add	1.56	
08 81 23 00-0009	SF		5/8" Thick, Clear Float Factory Installed Glass	7.44	
			For >50 To 200, Deduct	-0.22	
			For >200 To 400, Deduct	-0.45	
			For >400, Deduct	-0.67	
			For Tinted Glass, Add	1.86	
			For Reflective Coated Glass, Add	3.35	
			For Low-E Coated Glass, Add	1.86	
08 81 23 00-0010	SF		3/4" Thick, Clear Float Factory Installed Glass	9.19	
			For >50 To 200, Deduct	-0.28	
			For >200 To 400, Deduct	-0.55	
			For >400, Deduct	-0.83	
			For Tinted Glass, Add	2.30	
			For Reflective Coated Glass, Add	4.14	
			For Low-E Coated Glass, Add	2.30	
08 81 23 00-0011			Heat Treated Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0012			Tempered, Clear Float Factory Installed Glass <small>(08 81 23 00-0011)</small>		
			Note: Type I, Class I, Quality Q3.		
08 81 23 00-0013	SF		1/8" Thick, Tempered, Clear Float Factory Installed Glass	2.61	
			For >50 To 200, Deduct	-0.08	
			For >200 To 400, Deduct	-0.16	
			For >400, Deduct	-0.23	
			For Tinted Glass, Add	0.65	
			For Reflective Coated Glass, Add	1.17	
			For Low-E Coated Glass, Add	0.65	
08 81 23 00-0014	SF		3/16" Thick, Tempered, Clear Float Factory Installed Glass	2.79	
			For >50 To 200, Deduct	-0.08	
			For >200 To 400, Deduct	-0.17	
			For >400, Deduct	-0.25	
			For Tinted Glass, Add	0.70	
			For Reflective Coated Glass, Add	1.26	
			For Low-E Coated Glass, Add	0.70	
08 81 23 00-0015	SF		1/4" Thick, Tempered, Clear Float Factory Installed Glass	3.39	
			For >50 To 200, Deduct	-0.10	
			For >200 To 400, Deduct	-0.20	
			For >400, Deduct	-0.31	
			For Tinted Glass, Add	0.85	
			For Reflective Coated Glass, Add	1.53	
			For Low-E Coated Glass, Add	0.85	
08 81 23 00-0016	SF		5/16" Thick, Tempered, Clear Float Factory Installed Glass	5.65	
			For >50 To 200, Deduct	-0.17	
			For >200 To 400, Deduct	-0.34	
			For >400, Deduct	-0.51	
			For Tinted Glass, Add	1.41	
			For Reflective Coated Glass, Add	2.54	
			For Low-E Coated Glass, Add	1.41	
08 81 23 00-0017	SF		3/8" Thick, Tempered, Clear Float Factory Installed Glass	8.21	
			For >50 To 200, Deduct	-0.25	
			For >200 To 400, Deduct	-0.49	
			For >400, Deduct	-0.74	
			For Tinted Glass, Add	2.05	
			For Reflective Coated Glass, Add	3.69	
			For Low-E Coated Glass, Add	2.05	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 23 00-0018	SF 1/2" Thick, Tempered, Clear Float Factory Installed Glass	9.02	
	<i>For >50 To 200, Deduct</i>	-0.27	
	<i>For >200 To 400, Deduct</i>	-0.54	
	<i>For >400, Deduct</i>	-0.81	
	<i>For Tinted Glass, Add</i>	2.26	
	<i>For Reflective Coated Glass, Add</i>	4.06	
	<i>For Low-E Coated Glass, Add</i>	2.26	
08 81 23 00-0019	SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass	10.79	
	<i>For >50 To 200, Deduct</i>	-0.32	
	<i>For >200 To 400, Deduct</i>	-0.65	
	<i>For >400, Deduct</i>	-0.97	
	<i>For Tinted Glass, Add</i>	2.70	
	<i>For Reflective Coated Glass, Add</i>	4.86	
	<i>For Low-E Coated Glass, Add</i>	2.70	
08 81 23 00-0020	SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass	13.33	
	<i>For >50 To 200, Deduct</i>	-0.40	
	<i>For >200 To 400, Deduct</i>	-0.80	
	<i>For >400, Deduct</i>	-1.20	
	<i>For Tinted Glass, Add</i>	3.33	
	<i>For Reflective Coated Glass, Add</i>	6.00	
	<i>For Low-E Coated Glass, Add</i>	3.33	
08 81 23 00-0021	Patterned Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0022	Rough Obscure, Factory Installed Glass <small>(08 81 23 00-0021)</small>		
	Note: Class II, Form 3, Finish F1.		
08 81 23 00-0023	SF 1/4" Thick, Rough Obscure, Factory Installed Glass	5.12	
08 81 23 00-0024	Patterned, Figured Factory Installed Glass <small>(08 81 23 00-0021)</small>		
	Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 00-0025	SF 1/8" Thick, Patterned, Figured Factory Installed Glass	3.11	
08 81 23 00-0026	SF 7/32" Thick, Patterned, Figured Factory Installed Glass	3.11	
08 81 23 00-0027	Wired Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0028	Square Or Diamond Pattern, Wired Factory Installed Glass <small>(08 81 23 00-0027)</small>		
	Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 00-0029	SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass	8.05	
08 81 23 00-0030	SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass	8.05	
08 81 23 00-0031	Polished, Wired Factory Installed Glass <small>(08 81 23 00-0027)</small>		
08 81 23 00-0032	SF 1/4" Thick, Polished, Wired Factory Installed Glass	8.80	
08 81 23 00-0033	Frosted Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0034	Frosted Factory Installed Glass <small>(08 81 23 00-0033)</small>		
08 81 23 00-0035	SF 1/8" Thick, Frosted Factory Installed Glass	4.07	
	<i>For >50 To 200, Deduct</i>	-0.12	
	<i>For >200 To 400, Deduct</i>	-0.24	
	<i>For >400, Deduct</i>	-0.37	
08 81 23 00-0036	SF 3/16" Thick, Frosted Factory Installed Glass	5.34	
	<i>For >50 To 200, Deduct</i>	-0.16	
	<i>For >200 To 400, Deduct</i>	-0.32	
	<i>For >400, Deduct</i>	-0.48	
08 81 23 00-0037	SF 1/4" Thick, Frosted Factory Installed Glass	6.75	
	<i>For >50 To 200, Deduct</i>	-0.20	
	<i>For >200 To 400, Deduct</i>	-0.41	
	<i>For >400, Deduct</i>	-0.61	
08 81 23 00-0038	SF 3/8" Thick, Frosted Factory Installed Glass	10.09	
	<i>For >50 To 200, Deduct</i>	-0.30	
	<i>For >200 To 400, Deduct</i>	-0.61	
	<i>For >400, Deduct</i>	-0.91	
08 81 23 00-0039	Fire Rated Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0040	Fire Rated Factory Installed Glass <small>(08 81 23 00-0039)</small>		
08 81 23 00-0041	SF 20 Minute, Fire Rated Factory Installed Glass	11.05	
08 81 23 00-0042	SF 45 Minute, Fire Rated Factory Installed Glass	22.00	
08 81 23 00-0043	SF 60 Minute, Fire Rated Factory Installed Glass	34.00	
08 81 23 00-0044	SF 90 Minute, Fire Rated Factory Installed Glass	45.00	
08 81 23 00-0045	Laminated Factory Installed Glass <small>(08 81 23)</small>		
08 81 23 00-0046	Laminated Glass With PVB Interlayer, Factory Installed Glass <small>(08 81 23 00-0045)</small>		
	Note: Type I, Class I, Quality Q3.		

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

08 81 23 00-0047	SF		1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	7.17	
			<i>For >50 To 200, Deduct</i>	-0.22	
			<i>For >200 To 400, Deduct</i>	-0.43	
			<i>For >400, Deduct</i>	-0.65	
			<i>For Tinted Glass, Add</i>	1.79	
			<i>For Reflective Coated Glass, Add</i>	3.23	
			<i>For Low-E Coated Glass, Add</i>	1.79	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.43	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.43	
08 81 23 00-0048	SF		3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	8.95	
			<i>For >50 To 200, Deduct</i>	-0.27	
			<i>For >200 To 400, Deduct</i>	-0.54	
			<i>For >400, Deduct</i>	-0.81	
			<i>For Tinted Glass, Add</i>	2.24	
			<i>For Reflective Coated Glass, Add</i>	4.03	
			<i>For Low-E Coated Glass, Add</i>	2.24	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.79	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.79	
08 81 23 00-0049	SF		1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	12.16	
			<i>For >50 To 200, Deduct</i>	-0.36	
			<i>For >200 To 400, Deduct</i>	-0.73	
			<i>For >400, Deduct</i>	-1.09	
			<i>For Tinted Glass, Add</i>	3.04	
			<i>For Reflective Coated Glass, Add</i>	5.47	
			<i>For Low-E Coated Glass, Add</i>	3.04	
			<i>For One Piece Heat Strengthened Glass, Add</i>	2.43	
			<i>For One Piece Fully Tempered Glass, Add</i>	2.43	
08 81 23 00-0050			Insulated Factory Installed Glass (08 81 23)		
08 81 23 00-0051			Insulated, Factory Installed Glass (08 81 23 00-0050)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 00-0052	SF		1/2" Thick, Insulated Factory Installed Glass.....	5.19	
			Note: Two 1/8" lites with 1/4" air space.		
			<i>For >50 To 200, Deduct</i>	-0.16	
			<i>For >200 To 400, Deduct</i>	-0.31	
			<i>For >400, Deduct</i>	-0.47	
			<i>For Tinted Glass, Add</i>	1.30	
			<i>For Reflective Coated Glass, Add</i>	2.34	
			<i>For Low-E Coated Glass, Add</i>	1.30	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.04	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.04	
			<i>For One Piece Obscure Glass, Add</i>	2.21	
			<i>For Argon Gas, Add</i>	1.43	
08 81 23 00-0053	SF		5/8" Thick, Insulated Factory Installed Glass.....	5.25	
			Note: Two 3/16" lites with 1/4" air space.		
			<i>For >50 To 200, Deduct</i>	-0.16	
			<i>For >200 To 400, Deduct</i>	-0.32	
			<i>For >400, Deduct</i>	-0.47	
			<i>For Tinted Glass, Add</i>	1.31	
			<i>For Reflective Coated Glass, Add</i>	2.36	
			<i>For Low-E Coated Glass, Add</i>	1.31	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.05	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.05	
			<i>For One Piece Obscure Glass, Add</i>	2.23	
			<i>For Argon Gas, Add</i>	1.44	
08 81 23 00-0054	SF		3/4" Thick, Insulated Factory Installed Glass.....	5.50	
			Note: Two 1/4" lites with 1/4" air space.		
			<i>For >50 To 200, Deduct</i>	-0.17	
			<i>For >200 To 400, Deduct</i>	-0.33	
			<i>For >400, Deduct</i>	-0.50	
			<i>For Tinted Glass, Add</i>	1.38	
			<i>For Reflective Coated Glass, Add</i>	2.48	
			<i>For Low-E Coated Glass, Add</i>	1.38	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.10	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.10	
			<i>For One Piece Obscure Glass, Add</i>	2.34	
			<i>For Argon Gas, Add</i>	1.51	
08 81 23 00-0055	SF		1" Thick, Insulated Factory Installed Glass.....	6.67	
			Note: Two 1/4" lites with 1/2" air space.		
			<i>For >50 To 200, Deduct</i>	-0.20	
			<i>For >200 To 400, Deduct</i>	-0.40	
			<i>For >400, Deduct</i>	-0.60	
			<i>For Tinted Glass, Add</i>	1.67	
			<i>For Reflective Coated Glass, Add</i>	3.00	
			<i>For Low-E Coated Glass, Add</i>	1.67	
			<i>For One Piece Heat Strengthened Glass, Add</i>	1.33	
			<i>For One Piece Fully Tempered Glass, Add</i>	1.33	
			<i>For One Piece Obscure Glass, Add</i>	2.83	
			<i>For Argon Gas, Add</i>	1.83	

08 81 26 Field Installed Glass (08 81)

08 81 26 00-0001			Heat Treated Field Installed Glass (08 81 26)		
08 81 26 00-0002			Tempered, Clear Float Field Installed Glass (08 81 26 00-0001)		
			Note: Type I, Class I, Quality Q3.		

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 81 26 00-0003	SF 1/8" Thick, Tempered, Clear Float Field Installed Glass	13.76
	For >50 To 200, Deduct	-0.08
	For >200 To 400, Deduct	-0.16
	For >400, Deduct	-0.23
	For Glass Removal And Preparing Opening For New Glazing, Add	11.15
	For Tinted Glass, Add	0.65
	For Reflective Coated Glass, Add	1.17
	For Low-E Coated Glass, Add	0.65
08 81 26 00-0004	SF 3/16" Thick, Tempered, Clear Float Field Installed Glass	14.80
	For >50 To 200, Deduct	-0.08
	For >200 To 400, Deduct	-0.17
	For >400, Deduct	-0.25
	For Glass Removal And Preparing Opening For New Glazing, Add	12.01
	For Tinted Glass, Add	0.70
	For Reflective Coated Glass, Add	1.26
	For Low-E Coated Glass, Add	0.70
08 81 26 00-0005	SF 1/4" Thick, Tempered, Clear Float Field Installed Glass	16.25
	For >50 To 200, Deduct	-0.10
	For >200 To 400, Deduct	-0.20
	For >400, Deduct	-0.31
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86
	For Tinted Glass, Add	0.85
	For Reflective Coated Glass, Add	1.53
	For Low-E Coated Glass, Add	0.85
08 81 26 00-0006	SF 5/16" Thick, Tempered, Clear Float Field Installed Glass	20.23
	For >50 To 200, Deduct	-0.17
	For >200 To 400, Deduct	-0.34
	For >400, Deduct	-0.51
	For Glass Removal And Preparing Opening For New Glazing, Add	14.58
	For Tinted Glass, Add	1.41
	For Reflective Coated Glass, Add	2.54
	For Low-E Coated Glass, Add	1.41
08 81 26 00-0007	SF 3/8" Thick, Tempered, Clear Float Field Installed Glass	24.51
	For >50 To 200, Deduct	-0.25
	For >200 To 400, Deduct	-0.49
	For >400, Deduct	-0.74
	For Glass Removal And Preparing Opening For New Glazing, Add	16.30
	For Tinted Glass, Add	2.05
	For Reflective Coated Glass, Add	3.69
	For Low-E Coated Glass, Add	2.05
08 81 26 00-0008	SF 1/2" Thick, Tempered, Clear Float Field Installed Glass	27.03
	For >50 To 200, Deduct	-0.27
	For >200 To 400, Deduct	-0.54
	For >400, Deduct	-0.81
	For Glass Removal And Preparing Opening For New Glazing, Add	18.01
	For Tinted Glass, Add	2.26
	For Reflective Coated Glass, Add	4.06
	For Low-E Coated Glass, Add	2.26
08 81 26 00-0009	SF 5/8" Thick, Tempered, Clear Float Field Installed Glass	33.09
	For >50 To 200, Deduct	-0.32
	For >200 To 400, Deduct	-0.65
	For >400, Deduct	-0.97
	For Glass Removal And Preparing Opening For New Glazing, Add	22.30
	For Tinted Glass, Add	2.70
	For Reflective Coated Glass, Add	4.86
	For Low-E Coated Glass, Add	2.70
08 81 26 00-0010	SF 3/4" Thick, Tempered, Clear Float Field Installed Glass	39.91
	For >50 To 200, Deduct	-0.40
	For >200 To 400, Deduct	-0.80
	For >400, Deduct	-1.20
	For Glass Removal And Preparing Opening For New Glazing, Add	26.58
	For Tinted Glass, Add	3.33
	For Reflective Coated Glass, Add	6.00
	For Low-E Coated Glass, Add	3.33

08 81 26 00-0011 Clear Float Field Installed Glass (08 81 26)08 81 26 00-0012 Clear Float Field Installed Glass (08 81 26 00-0011)

Note: Type I, Class I, Quality Q3.

08 81 26 00-0013	SF 1/8" Thick, Clear Float Field Installed Glass	12.95
	For >50 To 200, Deduct	-0.05
	For >200 To 400, Deduct	-0.11
	For >400, Deduct	-0.16
	For Glass Removal And Preparing Opening For New Glazing, Add	11.15
	For Tinted Glass, Add	0.45
	For Reflective Coated Glass, Add	0.81
	For Low-E Coated Glass, Add	0.45
08 81 26 00-0014	SF 3/16" Thick, Clear Float Field Installed Glass	13.94
	For >50 To 200, Deduct	-0.06
	For >200 To 400, Deduct	-0.12
	For >400, Deduct	-0.17
	For Glass Removal And Preparing Opening For New Glazing, Add	12.01
	For Tinted Glass, Add	0.48
	For Reflective Coated Glass, Add	0.87
	For Low-E Coated Glass, Add	0.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0015	SF		1/4" Thick, Clear Float Field Installed Glass	15.20	
			<i>For >50 To 200, Deduct</i>	-0.07	
			<i>For >200 To 400, Deduct</i>	-0.14	
			<i>For >400, Deduct</i>	-0.21	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
			<i>For Tinted Glass, Add</i>	0.59	
			<i>For Reflective Coated Glass, Add</i>	1.05	
			<i>For Low-E Coated Glass, Add</i>	0.59	
08 81 26 00-0016	SF		5/16" Thick, Clear Float Field Installed Glass	18.47	
			<i>For >50 To 200, Deduct</i>	-0.12	
			<i>For >200 To 400, Deduct</i>	-0.23	
			<i>For >400, Deduct</i>	-0.35	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.58	
			<i>For Tinted Glass, Add</i>	0.97	
			<i>For Reflective Coated Glass, Add</i>	1.75	
			<i>For Low-E Coated Glass, Add</i>	0.97	
08 81 26 00-0017	SF		3/8" Thick, Clear Float Field Installed Glass	21.96	
			<i>For >50 To 200, Deduct</i>	-0.17	
			<i>For >200 To 400, Deduct</i>	-0.34	
			<i>For >400, Deduct</i>	-0.51	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.30	
			<i>For Tinted Glass, Add</i>	1.42	
			<i>For Reflective Coated Glass, Add</i>	2.55	
			<i>For Low-E Coated Glass, Add</i>	1.42	
08 81 26 00-0018	SF		1/2" Thick, Clear Float Field Installed Glass	24.23	
			<i>For >50 To 200, Deduct</i>	-0.19	
			<i>For >200 To 400, Deduct</i>	-0.37	
			<i>For >400, Deduct</i>	-0.56	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.01	
			<i>For Tinted Glass, Add</i>	1.56	
			<i>For Reflective Coated Glass, Add</i>	2.80	
			<i>For Low-E Coated Glass, Add</i>	1.56	
08 81 26 00-0019	SF		5/8" Thick, Clear Float Field Installed Glass	29.74	
			<i>For >50 To 200, Deduct</i>	-0.22	
			<i>For >200 To 400, Deduct</i>	-0.45	
			<i>For >400, Deduct</i>	-0.67	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	22.30	
			<i>For Tinted Glass, Add</i>	1.86	
			<i>For Reflective Coated Glass, Add</i>	3.35	
			<i>For Low-E Coated Glass, Add</i>	1.86	
08 81 26 00-0020	SF		3/4" Thick, Clear Float Field Installed Glass	35.77	
			<i>For >50 To 200, Deduct</i>	-0.28	
			<i>For >200 To 400, Deduct</i>	-0.55	
			<i>For >400, Deduct</i>	-0.83	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	26.58	
			<i>For Tinted Glass, Add</i>	2.30	
			<i>For Reflective Coated Glass, Add</i>	4.14	
			<i>For Low-E Coated Glass, Add</i>	2.30	
08 81 26 00-0021			Patterned Field Installed Glass (08 81 26)		
08 81 26 00-0022			Rough Obscure Field Installed Glass (08 81 26 00-0021)		
			Note: Class II, Form 3, Finish F1.		
08 81 26 00-0023	SF		1/4" Thick, Rough Obscure Field Installed Glass	17.98	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 81 26 00-0024			Patterned, Figured Field Installed Glass (08 81 26 00-0021)		
			Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 26 00-0025	SF		1/8" Thick, Patterned, Figured Field Installed Glass	14.26	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.15	
08 81 26 00-0026	SF		7/32" Thick, Patterned, Figured Field Installed Glass	15.55	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.44	
08 81 26 00-0027			Wired Field Installed Glass (08 81 26)		
08 81 26 00-0028			Square Or Diamond Pattern, Wired Field Installed Glass (08 81 26 00-0027)		
			Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 26 00-0029	SF		1/4" Thick, Square Pattern, Wired Field Installed Glass	20.91	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 81 26 00-0030	SF		1/4" Thick, Diamond Pattern, Wired Field Installed Glass	20.91	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 81 26 00-0031			Polished, Wired Field Installed Glass (08 81 26 00-0027)		
08 81 26 00-0032	SF		1/4" Thick, Polished, Wired Field Installed Glass	21.66	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.86	
08 81 26 00-0033			Frosted Field Installed Glass (08 81 26)		
08 81 26 00-0034			Frosted Field Installed Glass (08 81 26 00-0033)		
08 81 26 00-0035	SF		1/8" Thick, Frosted Field Installed Glass	15.22	
			<i>For >50 To 200, Deduct</i>	-0.12	
			<i>For >200 To 400, Deduct</i>	-0.24	
			<i>For >400, Deduct</i>	-0.37	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	11.15	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 26 00-0036	SF 3/16" Thick, Frosted Field Installed Glass.....	17.35	
	For >50 To 200, Deduct	-0.16	
	For >200 To 400, Deduct	-0.32	
	For >400, Deduct	-0.48	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.01	
08 81 26 00-0037	SF 1/4" Thick, Frosted Field Installed Glass.....	19.61	
	For >50 To 200, Deduct	-0.20	
	For >200 To 400, Deduct	-0.41	
	For >400, Deduct	-0.61	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
08 81 26 00-0038	SF 3/8" Thick, Frosted Field Installed Glass.....	26.39	
	For >50 To 200, Deduct	-0.30	
	For >200 To 400, Deduct	-0.61	
	For >400, Deduct	-0.91	
	For Glass Removal And Preparing Opening For New Glazing, Add	16.30	
08 81 26 00-0039	Fire Rated Field Installed Glass (08 81 26)		
08 81 26 00-0040	Fire Rated Field Installed Glass (08 81 26 00-0039)		
08 81 26 00-0041	SF 20 Minute, Fire Rated Field Installed Glass	23.91	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
08 81 26 00-0042	SF 45 Minute, Fire Rated Field Installed Glass	34.86	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
08 81 26 00-0043	SF 60 Minute, Fire Rated Field Installed Glass	46.86	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
08 81 26 00-0044	SF 90 Minute, Fire Rated Field Installed Glass	57.86	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
08 81 26 00-0045	Laminated Field Installed Glass (08 81 26)		
08 81 26 00-0046	Laminated Glass With PVB Interlayer, Field Installed Glass (08 81 26 00-0045)		
	Note: Type I, Class I, Quality Q3.		
08 81 26 00-0047	SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	20.03	
	For >50 To 200, Deduct	-0.22	
	For >200 To 400, Deduct	-0.43	
	For >400, Deduct	-0.65	
	For Glass Removal And Preparing Opening For New Glazing, Add	12.86	
	For Tinted Glass, Add	1.79	
	For Reflective Coated Glass, Add	3.23	
	For Low-E Coated Glass, Add	1.79	
	For One Piece Heat Strengthened Glass, Add	1.43	
	For One Piece Fully Tempered Glass, Add	1.43	
08 81 26 00-0048	SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	25.25	
	For >50 To 200, Deduct	-0.27	
	For >200 To 400, Deduct	-0.54	
	For >400, Deduct	-0.81	
	For Glass Removal And Preparing Opening For New Glazing, Add	16.30	
	For Tinted Glass, Add	2.24	
	For Reflective Coated Glass, Add	4.03	
	For Low-E Coated Glass, Add	2.24	
	For One Piece Heat Strengthened Glass, Add	1.79	
	For One Piece Fully Tempered Glass, Add	1.79	
08 81 26 00-0049	SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass	30.17	
	For >50 To 200, Deduct	-0.36	
	For >200 To 400, Deduct	-0.73	
	For >400, Deduct	-1.09	
	For Glass Removal And Preparing Opening For New Glazing, Add	18.01	
	For Tinted Glass, Add	3.04	
	For Reflective Coated Glass, Add	5.47	
	For Low-E Coated Glass, Add	3.04	
	For One Piece Heat Strengthened Glass, Add	2.43	
	For One Piece Fully Tempered Glass, Add	2.43	
08 81 26 00-0050	Insulated Field Installed Glass (08 81 26)		
08 81 26 00-0051	Insulated Glass, Field Installed Glass (08 81 26 00-0050)		
	Note: Type I, Class I, Quality Q3.		
08 81 26 00-0052	SF 1/2" Thick, Insulated Field Installed Glass	20.19	
	Note: Two 1/8" lites with 1/4" air space.		
	For >50 To 200, Deduct	-0.16	
	For >200 To 400, Deduct	-0.31	
	For >400, Deduct	-0.47	
	For Glass Removal And Preparing Opening For New Glazing, Add	15.00	
	For Tinted Glass, Add	1.30	
	For Reflective Coated Glass, Add	2.34	
	For Low-E Coated Glass, Add	1.30	
	For One Piece Heat Strengthened Glass, Add	1.04	
	For One Piece Fully Tempered Glass, Add	1.04	
	For One Piece Obscure Glass, Add	2.21	
	For Argon Gas, Add	1.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 26 00-0053	SF		5/8" Thick, Insulated Field Installed Glass .....21.26 Note: Two 3/16" lites with 1/4" air space. For >50 To 200, Deduct -0.16 For >200 To 400, Deduct -0.32 For >400, Deduct -0.47 For Glass Removal And Preparing Opening For New Glazing, Add 16.01 For Tinted Glass, Add 1.31 For Reflective Coated Glass, Add 2.36 For Low-E Coated Glass, Add 1.31 For One Piece Heat Strengthened Glass, Add 1.05 For One Piece Fully Tempered Glass, Add 1.05 For One Piece Obscure Glass, Add 2.23 For Argon Gas, Add 1.44		
08 81 26 00-0054	SF		3/4" Thick, Insulated Field Installed Glass .....22.97 Note: Two 1/4" lites with 1/4" air space. For >50 To 200, Deduct -0.17 For >200 To 400, Deduct -0.33 For >400, Deduct -0.50 For Glass Removal And Preparing Opening For New Glazing, Add 17.47 For Tinted Glass, Add 1.38 For Reflective Coated Glass, Add 2.48 For Low-E Coated Glass, Add 1.38 For One Piece Heat Strengthened Glass, Add 1.10 For One Piece Fully Tempered Glass, Add 1.10 For One Piece Obscure Glass, Add 2.34 For Argon Gas, Add 1.51		
08 81 26 00-0055	SF		1" Thick, Insulated Field Installed Glass .....24.68 Note: Two 1/4" lites with 1/2" air space. For >50 To 200, Deduct -0.20 For >200 To 400, Deduct -0.40 For >400, Deduct -0.60 For Glass Removal And Preparing Opening For New Glazing, Add 18.01 For Tinted Glass, Add 1.67 For Reflective Coated Glass, Add 3.00 For Low-E Coated Glass, Add 1.67 For One Piece Heat Strengthened Glass, Add 1.33 For One Piece Fully Tempered Glass, Add 1.33 For One Piece Obscure Glass, Add 2.83 For Argon Gas, Add 1.83		
08 81 26 00-0056			Spandrel Field Installed Glass (08 81 26)		
08 81 26 00-0057			Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08 81 26 00-0056)		
08 81 26 00-0058	SF		1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass .....20.09 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 81 26 00-0059	SF		1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass .....18.85 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 81 26 00-0060			Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 26 00-0056)		
08 81 26 00-0061			1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 26 00-0060) Note: Also with aluminum foil vapor barrier.		
08 81 26 00-0062	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass .....21.39 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 81 26 00-0063	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass .....19.98 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 81 26 00-0064			1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 26 00-0060)		
08 81 26 00-0065	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass .....23.84 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 81 26 00-0066	SF		1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass .....21.07 For Glass Removal And Preparing Opening For New Glazing, Add 14.29		
08 83			Mirrors (08 80) Note: Kind FT, Type I, Class I, Quality Q1.		
08 83 13			Mirrored Glass Glazing (08 83)		
08 83 13 00-0001			Mirror Glass (08 83 13)		
08 83 13 00-0002			One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0003	SF		1/4" One-Way Vision Glass (Transparent Mirrors) .....28.91 For >50 To 200, Deduct -0.49 For >200 To 400, Deduct -0.81 For >400, Deduct -1.30		6.43
08 83 13 00-0004			Tempered, One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0005	SF		1/4" Tempered, One-Way Vision Glass (Transparent Mirrors) .....36.35 For >50 To 200, Deduct -0.71 For >200 To 400, Deduct -1.18 For >400, Deduct -1.89		6.43

08 Openings**08 80 Glazing****08 83 Mirrors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
08 83 13 00-0006	Clear Mirror Glass <small>(08 83 13 00-0001)</small>		
08 83 13 00-0007	SF 1/8" Clear Mirror Glass.....	13.89	5.14
	For >50 To 200, Deduct	-0.11	
	For >200 To 400, Deduct	-0.18	
	For >400, Deduct	-0.29	
08 83 13 00-0008	SF 3/16" Clear Mirror Glass.....	16.19	6.00
	For >50 To 200, Deduct	-0.13	
	For >200 To 400, Deduct	-0.22	
	For >400, Deduct	-0.35	
08 83 13 00-0009	SF 1/4" Clear Mirror Glass.....	17.57	6.43
	For >50 To 200, Deduct	-0.15	
	For >200 To 400, Deduct	-0.24	
	For >400, Deduct	-0.39	
08 83 13 00-0010	Tempered, Clear Mirror Glass <small>(08 83 13 00-0001)</small>		
08 83 13 00-0011	SF 1/8" Tempered, Clear Mirror Glass	18.01	5.14
	For >50 To 200, Deduct	-0.23	
	For >200 To 400, Deduct	-0.39	
	For >400, Deduct	-0.62	
08 83 13 00-0012	SF 3/16" Tempered, Clear Mirror Glass	20.55	6.00
	For >50 To 200, Deduct	-0.26	
	For >200 To 400, Deduct	-0.44	
	For >400, Deduct	-0.70	
08 83 13 00-0013	SF 1/4" Tempered, Clear Mirror Glass	22.43	6.43
	For >50 To 200, Deduct	-0.29	
	For >200 To 400, Deduct	-0.49	
	For >400, Deduct	-0.78	
08 83 13 00-0014	Clear Mirror Glass With Laminated Safety Backing <small>(08 83 13 00-0001)</small>		
08 83 13 00-0015	SF 1/4" Clear Mirror Glass With Laminated Safety Backing.....	24.86	6.43
	For >50 To 200, Deduct	-0.36	
	For >200 To 400, Deduct	-0.61	
	For >400, Deduct	-0.97	
08 83 13 00-0016	Laminated Safety Mirror Glass <small>(08 83 13 00-0001)</small>		
	Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF 1/4" Laminated Safety Mirror Glass	43.78	6.43
	For >50 To 200, Deduct	-0.93	
	For >200 To 400, Deduct	-1.55	
	For >400, Deduct	-2.49	
08 83 13 00-0018	Accessories For Mirror Glass <small>(08 83 13)</small>		
08 83 13 00-0019	LF 1/8" Aluminum J-Channel For Mounting Mirror Glass.....	3.53	
08 83 13 00-0020	LF 3/16" Aluminum J-Channel For Mounting Mirror Glass.....	3.58	
08 83 13 00-0021	LF 1/4" Aluminum J-Channel For Mounting Mirror Glass.....	4.23	
08 83 13 00-0022	LF Aluminum Frame For Mounting Mirror Glass	5.14	
08 84 Plastic Glazing <small>(08 80)</small>			
08 84 00 00-0001	Clear Polycarbonate Glazing (GE Lexan) <small>(08 84)</small>		
	See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.		
08 84 00 00-0002	SF 1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	15.03	
	For >50 To 200, Deduct	-0.35	
	For >200 To 400, Deduct	-0.69	
	For >400, Deduct	-1.04	
	For Glass Removal And Preparing Opening For New Glazing, Add	8.09	
08 84 00 00-0003	SF 3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	17.51	
	For >50 To 200, Deduct	-0.46	
	For >200 To 400, Deduct	-0.91	
	For >400, Deduct	-1.37	
	For Glass Removal And Preparing Opening For New Glazing, Add	8.41	
08 84 00 00-0004	SF 1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	20.36	
	For >50 To 200, Deduct	-0.58	
	For >200 To 400, Deduct	-1.16	
	For >400, Deduct	-1.74	
	For Glass Removal And Preparing Opening For New Glazing, Add	8.74	
08 84 00 00-0005	SF 3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	27.35	
	For >50 To 200, Deduct	-0.92	
	For >200 To 400, Deduct	-1.84	
	For >400, Deduct	-2.75	
	For Glass Removal And Preparing Opening For New Glazing, Add	8.99	
08 84 00 00-0006	SF 1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	36.71	
	For >50 To 200, Deduct	-1.35	
	For >200 To 400, Deduct	-2.71	
	For >400, Deduct	-4.06	
	For Glass Removal And Preparing Opening For New Glazing, Add	9.64	
08 84 00 00-0007	Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) <small>(08 84)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0008	SF		1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	24.65	
			For >50 To 200, Deduct	-0.83	
			For >200 To 400, Deduct	-1.66	
			For >400, Deduct	-2.48	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.09	
08 84 00 00-0009	SF		3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	32.13	
			For >50 To 200, Deduct	-1.19	
			For >200 To 400, Deduct	-2.37	
			For >400, Deduct	-3.56	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.41	
08 84 00 00-0010	SF		1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	32.63	
			For >50 To 200, Deduct	-1.19	
			For >200 To 400, Deduct	-2.39	
			For >400, Deduct	-3.58	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.74	
08 84 00 00-0011	SF		3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	43.49	
			For >50 To 200, Deduct	-1.73	
			For >200 To 400, Deduct	-3.45	
			For >400, Deduct	-5.18	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.99	
08 84 00 00-0012	SF		1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	50.58	
			For >50 To 200, Deduct	-2.05	
			For >200 To 400, Deduct	-4.09	
			For >400, Deduct	-6.14	
			For Glass Removal And Preparing Opening For New Glazing, Add	9.64	
08 84 00 00-0013			Clear Acrylic Glazing (Plexiglas) (08 84)		
08 84 00 00-0014	SF		1/10" Thick, Clear Acrylic Glazing (Plexiglas)	11.38	
			For >50 To 200, Deduct	-0.18	
			For >200 To 400, Deduct	-0.37	
			For >400, Deduct	-0.55	
			For Glass Removal And Preparing Opening For New Glazing, Add	7.72	
			For Colored, Add	0.73	
			For Shatterproof, Add	2.20	
			For Mirrored, Add	2.93	
08 84 00 00-0015	SF		1/8" Thick, Clear Acrylic Glazing (Plexiglas)	12.15	
			For >50 To 200, Deduct	-0.20	
			For >200 To 400, Deduct	-0.41	
			For >400, Deduct	-0.61	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.09	
			For Colored, Add	0.81	
			For Shatterproof, Add	2.44	
			For Mirrored, Add	3.25	
08 84 00 00-0016	SF		3/16" Thick, Clear Acrylic Glazing (Plexiglas)	14.61	
			For >50 To 200, Deduct	-0.31	
			For >200 To 400, Deduct	-0.62	
			For >400, Deduct	-0.93	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.41	
			For Colored, Add	1.24	
			For Shatterproof, Add	3.72	
			For Mirrored, Add	4.96	
08 84 00 00-0017	SF		1/4" Thick, Clear Acrylic Glazing (Plexiglas)	16.75	
			For >50 To 200, Deduct	-0.40	
			For >200 To 400, Deduct	-0.80	
			For >400, Deduct	-1.20	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.74	
			For Colored, Add	1.60	
			For Shatterproof, Add	4.81	
			For Mirrored, Add	6.41	
08 84 00 00-0018	SF		5/16" Thick, Clear Acrylic Glazing (Plexiglas)	17.66	
			For >50 To 200, Deduct	-0.44	
			For >200 To 400, Deduct	-0.89	
			For >400, Deduct	-1.33	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.79	
			For Colored, Add	1.77	
			For Shatterproof, Add	5.32	
			For Mirrored, Add	7.10	
08 84 00 00-0019	SF		3/8" Thick, Clear Acrylic Glazing (Plexiglas)	18.93	
			For >50 To 200, Deduct	-0.50	
			For >200 To 400, Deduct	-0.99	
			For >400, Deduct	-1.49	
			For Glass Removal And Preparing Opening For New Glazing, Add	8.99	
			For Colored, Add	1.99	
			For Shatterproof, Add	5.96	
			For Mirrored, Add	7.95	
08 84 00 00-0020	SF		1/2" Thick, Clear Acrylic Glazing (Plexiglas)	23.31	
			For >50 To 200, Deduct	-0.68	
			For >200 To 400, Deduct	-1.37	
			For >400, Deduct	-2.05	
			For Glass Removal And Preparing Opening For New Glazing, Add	9.64	
			For Colored, Add	2.73	
			For Shatterproof, Add	8.20	
			For Mirrored, Add	10.94	
08 84 00 00-0021	SF		3/4" Thick, Clear Acrylic Glazing (Plexiglas)	32.59	
			For >50 To 200, Deduct	-1.02	
			For >200 To 400, Deduct	-2.04	
			For >400, Deduct	-3.06	
			For Glass Removal And Preparing Opening For New Glazing, Add	12.21	

08 Openings**08 80 Glazing****08 84 Plastic Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 84 00 00-0022	SF	1" Thick, Clear Acrylic Glazing (Plexiglas)	43.64	
		<i>For >50 To 200, Deduct</i>	-1.52	
		<i>For >200 To 400, Deduct</i>	-3.04	
		<i>For >400, Deduct</i>	-4.56	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.26	

08 85 Glazing Accessories (08 80)

Note: Applicable to reglazing tasks only, new window installations include the gasket.

08 85 00 00-0001 Framing For Glass Windscreens (08 85)

Note: Excludes glazing.

08 85 00 00-0002	LF	1-1/4" x 1-1/2" Aluminum Framed Window Walls.....	11.20	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	0.96	
		<i>For Stainless Steel, Add</i>	4.09	
		<i>For Black Anodized Finish, Add</i>	1.73	
08 85 00 00-0003	LF	1-1/2" x 2" Aluminum Framed Window Walls.....	13.37	2.17
		<i>For Bronze Anodized Aluminum, Add</i>	1.22	
		<i>For Stainless Steel, Add</i>	5.15	
		<i>For Black Anodized Finish, Add</i>	2.20	
08 85 00 00-0004	LF	1-1/2" x 3" Aluminum Framed Window Walls.....	15.84	1.74
		<i>For Bronze Anodized Aluminum, Add</i>	1.46	
		<i>For Stainless Steel, Add</i>	6.15	
		<i>For Black Anodized Finish, Add</i>	2.63	
08 85 00 00-0005	LF	1-1/2" x 4" Aluminum Framed Window Walls.....	19.48	2.62
		<i>For Bronze Anodized Aluminum, Add</i>	1.75	
		<i>For Stainless Steel, Add</i>	7.38	
		<i>For Black Anodized Finish, Add</i>	3.14	
08 85 00 00-0006	LF	2" x 3" Aluminum Framed Window Walls.....	18.91	2.17
		<i>For Bronze Anodized Aluminum, Add</i>	1.86	
		<i>For Stainless Steel, Add</i>	7.75	
		<i>For Black Anodized Finish, Add</i>	3.34	
08 85 00 00-0007	LF	2" x 4" Aluminum Framed Window Walls.....	23.50	2.62
		<i>For Bronze Anodized Aluminum, Add</i>	2.22	
		<i>For Stainless Steel, Add</i>	9.31	
		<i>For Black Anodized Finish, Add</i>	3.99	

08 87 Glazing Surface Films (08 80)**08 87 13 Solar Control Films** (08 87)

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Solar Control Window Films (08 87 13)

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002	SF	Tinted, Solar Control Window Film.....	5.49	
08 87 13 00-0003	SF	Obscurant, Solar Control Window Film.....	5.49	
08 87 13 00-0004	SF	Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	7.07	
08 87 13 00-0005	SF	Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	7.39	

08 87 23 Safety And Security Films (08 87)**08 87 23 16 Security Films** (08 87 23)

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001 High Performance, Security And Safety Glazing Films (08 87 23 16)

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	11.67	
		<i>For >1,000 To 5,000, Deduct</i>	-0.54	
		<i>For >5,000, Deduct</i>	-0.72	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	12.27	
		<i>For >1,000 To 5,000, Deduct</i>	-0.57	
		<i>For >5,000, Deduct</i>	-0.78	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	13.10	
		<i>For >1,000 To 5,000, Deduct</i>	-0.60	
		<i>For >5,000, Deduct</i>	-0.86	

08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	12.93	
		<i>For >1,000 To 5,000, Deduct</i>	-0.59	
		<i>For >5,000, Deduct</i>	-0.85	
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	12.93	
		<i>For >1,000 To 5,000, Deduct</i>	-0.59	
		<i>For >5,000, Deduct</i>	-0.85	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	12.93	
		<i>For >1,000 To 5,000, Deduct</i>	-0.59	
		<i>For >5,000, Deduct</i>	-0.85	

08 87 23 16-0010 Security And Safety Glazing Films (08 87 23 16)

Note: Includes cleaning of window glazing prior to installation.

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

08 87 23 16-0011	SF		0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL) <i>For >1,000 To 5,000, Deduct</i>	11.02 -0.52	
			<i>For >5,000, Deduct</i>	-0.65	
08 87 23 16-0012	SF		0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL) <i>For >1,000 To 5,000, Deduct</i>	11.18 -0.53	
			<i>For >5,000, Deduct</i>	-0.67	
08 87 23 16-0013	SF		0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL) <i>For >1,000 To 5,000, Deduct</i>	12.67 -0.58	
			<i>For >5,000, Deduct</i>	-0.82	

08 87 23 16-0014 Anti-Graffiti Glazing Films (08 87 23 16)

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF		0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4) <i>For >1,000 To 5,000, Deduct</i>	11.02 -0.52	
			<i>For >5,000, Deduct</i>	-0.65	
08 87 23 16-0016	SF		0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7) <i>For >1,000 To 5,000, Deduct</i>	11.18 -0.53	
			<i>For >5,000, Deduct</i>	-0.67	

08 88 Special Function Glazing (08 88)

08 88 49 Radiation-Resistant Glazing (08 88)

08 88 49 00-0001 Leaded Glass (X-Ray Shielding) (08 88 49)

08 88 49 00-0002	SF		1/4" Thick Lead Glass With 1/16" Lead Equivalence <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	188.66 16.30	
08 88 49 00-0003	SF		1/4" Thick Lead Glass With 1/8" Lead Equivalence <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	278.06 16.30	

08 88 53 Security Glazing (08 88)

08 88 53 00-0001 Forced Entry And/Or Ballistic Resistant All Glass Laminate (08 88 53)

08 88 53 00-0002 Ballistic Resistant Glass (08 88 53 00-0001)

08 88 53 00-0003	SF		1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	78.28 53.17	21.44
08 88 53 00-0004	SF		1.28" All Glass Laminate Ballistic Resistant Glass, Level 1, 16.2 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	86.79 53.17	21.44
08 88 53 00-0005	SF		1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	98.28 60.03	24.01
08 88 53 00-0006	SF		1.55" All Glass Laminate Ballistic Resistant Glass, Level 2, 21.2 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	105.38 60.03	24.01
08 88 53 00-0007	SF		2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	119.98 68.60	27.44
08 88 53 00-0008	SF		2.05" All Glass Laminate Ballistic Resistant Glass, Level 3, 26.1 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	125.69 68.60	27.44

08 88 53 00-0009 Forced Entry Resistant Glass (08 88 53 00-0001)

08 88 53 00-0010	SF		5/16" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	28.20 13.40	6.43
08 88 53 00-0011	SF		1/2" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	31.59 14.29	6.87
08 88 53 00-0012	SF		11/16" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	35.58 15.31	7.29
08 88 53 00-0013	SF		7/8" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	39.81 16.49	8.15

08 88 53 00-0014 Glass Clad Polycarbonate (08 88 53)

08 88 53 00-0015	SF		0.76" Ballistic Resistant Glass/Poly, Level 1, 6.4 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	107.53 65.18	25.73
08 88 53 00-0016	SF		0.8125" Ballistic Resistant Glass/Poly, Level 2, 8.99 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	121.67 75.47	30.19
08 88 53 00-0017	SF		1.18" Ballistic Resistant Glass/Poly, Level 3, 11.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	149.55 85.75	34.31

08 88 53 00-0018 Ballistic Resistant Acrylic (08 88 53)

08 88 53 00-0019	SF		1.25" Ballistic Resistant Acrylic Glass, Level 1, 7.7 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	158.68 65.18	25.73
08 88 53 00-0020	SF		1.378" Ballistic Resistant Acrylic Glass, Level 2, 8.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	185.47 75.47	30.02
08 88 53 00-0021	SF		1.25" Ballistic Resistant Acrylic Glass, Level 3, 7.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	239.75 85.75	34.31

08 88 53 00-0022 Ballistic Resistant Fiberglass (08 88 53)

08 88 53 00-0023	SF		5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	48.20 32.58	16.30
08 88 53 00-0024	SF		3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	56.58 37.74	18.86
08 88 53 00-0025	SF		7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	64.22 42.88	21.44

08 Openings**08 80 Glazing****08 88 Special Function Glazing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 88 53 00-0026	Forced Entry And/Or Ballistic Resistant Polycarbonate <small>(08 88 53)</small>		
08 88 53 00-0027	Forced Entry Resistant Monolithic Polycarbonate <small>(08 88 53 00-0026)</small>		
	Note: GE-Lexan MR10.		
08 88 53 00-0028	SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01	78.82	38.94
	Note: Level 1 or ASTM F1233, Class II (Step 5).		
	For Glass Removal And Preparing Opening For New Glazing, Add	51.98	
08 88 53 00-0029	Forced Entry Resistant Glass Clad Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
	Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030	SF 9/16" Overall Nominal Thickness, H.P. White TP-0500.01, Level 1	97.45	25.72
	For Glass Removal And Preparing Opening For New Glazing, Add	64.32	
08 88 53 00-0031	Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
	Note: GE-Lexgard MPC-500.		
08 88 53 00-0032	SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01	116.42	49.39
	Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15).		
	For Glass Removal And Preparing Opening For New Glazing, Add	68.60	
08 88 53 00-0033	Fire Resistant, Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
	Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034	SF 7/8" Overall Nominal Thickness, H.P. White TP-0500.01, Level I	126.86	30.47
	Note: UL-9 Fire Resistant.		
	For Glass Removal And Preparing Opening For New Glazing, Add	72.89	
08 88 53 00-0035	Insulated, Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
	Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036	SF 1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01	109.30	25.72
	Note: Level I (1/4" tempered float glass, 1/2" airspace).		
	For Glass Removal And Preparing Opening For New Glazing, Add	64.32	
08 88 53 00-0037	Ballistic And Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
08 88 53 00-0038	SF 1" Nominal Thickness, Ballistic Or Forced Entry Resistant	250.23	57.28
	Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun).		
	For Glass Removal And Preparing Opening For New Glazing, Add	142.36	
08 88 53 00-0039	SF 1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant	252.78	57.28
	Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun).		
	For Glass Removal And Preparing Opening For New Glazing, Add	142.36	
08 88 53 00-0040	Ballistic Resistant Glass Clad Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
	Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041	SF 1-5/16" Overall Nominal Thickness, Ballistic Resistant	166.96	36.31
	Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard).		
	For Glass Removal And Preparing Opening For New Glazing, Add	96.05	

08 90 Louvers And Vents (08)**08 91 Louvers** (08 90)**08 91 13 Motorized Wall Louvers** (08 91)**08 91 13 00-0001 Motorized Wall Louver Actuator** (08 91 13)

See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.

08 91 13 00-0002	EA 115 Volt Actuator For Adjustable Intake Louver	1,069.27	76.62
08 91 13 00-0003	EA 230 Volt Actuator For Adjustable Intake Louver	1,608.07	76.62
08 91 13 00-0004	EA 24 Volt Actuator For Adjustable Intake Louver	1,146.07	76.62
08 91 13 00-0005	EA 115 Volt Hazardous Location Actuator For Adjustable Intake Louver	4,308.67	76.62

08 91 16 Operable Wall Louvers (08 91)**08 91 16 00-0001 Adjustable Intake Wall Louvers** (08 91 16)

See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.

08 91 16 00-0002	EA 12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	287.16	20.28
	Note: Includes bird screen. Excludes actuator.		
	For Flange Frame, Add	24.66	
	For Clear Lacquer Finish, Add	49.32	
	For Baked Enamel Standard Colors, Add	73.98	
	For Anodized Finish, Add	98.64	
	For Kynar™ Standard Colors Finish, Add	135.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0003	EA		12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	358.57	24.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	30.90	
			For Clear Lacquer Finish, Add	61.80	
			For Baked Enamel Standard Colors, Add	92.70	
			For Anodized Finish, Add	123.60	
			For Kynar™ Standard Colors Finish, Add	169.95	
08 91 16 00-0004	EA		12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	423.99	29.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	36.54	
			For Clear Lacquer Finish, Add	73.08	
			For Baked Enamel Standard Colors, Add	109.62	
			For Anodized Finish, Add	146.16	
			For Kynar™ Standard Colors Finish, Add	200.97	
08 91 16 00-0005	EA		12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	496.00	33.80
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	42.84	
			For Clear Lacquer Finish, Add	85.68	
			For Baked Enamel Standard Colors, Add	128.52	
			For Anodized Finish, Add	171.36	
			For Kynar™ Standard Colors Finish, Add	235.62	
08 91 16 00-0006	EA		12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	559.02	38.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	48.24	
			For Clear Lacquer Finish, Add	96.48	
			For Baked Enamel Standard Colors, Add	144.72	
			For Anodized Finish, Add	192.96	
			For Kynar™ Standard Colors Finish, Add	265.32	
08 91 16 00-0007	EA		12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	658.63	42.81
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.30	
			For Clear Lacquer Finish, Add	114.60	
			For Baked Enamel Standard Colors, Add	171.90	
			For Anodized Finish, Add	229.20	
			For Kynar™ Standard Colors Finish, Add	315.15	
08 91 16 00-0008	EA		12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	749.84	47.32
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	65.52	
			For Clear Lacquer Finish, Add	131.04	
			For Baked Enamel Standard Colors, Add	196.56	
			For Anodized Finish, Add	262.08	
			For Kynar™ Standard Colors Finish, Add	360.36	
08 91 16 00-0009	EA		12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	833.56	54.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	72.54	
			For Clear Lacquer Finish, Add	145.08	
			For Baked Enamel Standard Colors, Add	217.62	
			For Anodized Finish, Add	290.16	
			For Kynar™ Standard Colors Finish, Add	398.97	
08 91 16 00-0010	EA		12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	889.97	58.59
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	77.28	
			For Clear Lacquer Finish, Add	154.56	
			For Baked Enamel Standard Colors, Add	231.84	
			For Anodized Finish, Add	309.12	
			For Kynar™ Standard Colors Finish, Add	425.04	
08 91 16 00-0011	EA		12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	960.19	63.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	83.40	
			For Clear Lacquer Finish, Add	166.80	
			For Baked Enamel Standard Colors, Add	250.20	
			For Anodized Finish, Add	333.60	
			For Kynar™ Standard Colors Finish, Add	458.70	
08 91 16 00-0012	EA		12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,022.00	67.60
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	88.68	
			For Clear Lacquer Finish, Add	177.36	
			For Baked Enamel Standard Colors, Add	266.04	
			For Anodized Finish, Add	354.72	
			For Kynar™ Standard Colors Finish, Add	487.74	
08 91 16 00-0013	EA		12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,100.62	72.11
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	95.64	
			For Clear Lacquer Finish, Add	191.28	
			For Baked Enamel Standard Colors, Add	286.92	
			For Anodized Finish, Add	382.56	
			For Kynar™ Standard Colors Finish, Add	526.02	
08 91 16 00-0014	EA		12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,176.22	76.62
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	102.30	
			For Clear Lacquer Finish, Add	204.60	
			For Baked Enamel Standard Colors, Add	306.90	
			For Anodized Finish, Add	409.20	
			For Kynar™ Standard Colors Finish, Add	562.65	
08 91 16 00-0015	EA		12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,270.74	83.38
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	110.40	
			For Clear Lacquer Finish, Add	220.80	
			For Baked Enamel Standard Colors, Add	331.20	
			For Anodized Finish, Add	441.60	
			For Kynar™ Standard Colors Finish, Add	607.20	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0016	EA	12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	1,341.27	90.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	116.10	
		For Clear Lacquer Finish, Add	232.20	
		For Baked Enamel Standard Colors, Add	348.30	
		For Anodized Finish, Add	464.40	
		For Kynar™ Standard Colors Finish, Add	638.55	
08 91 16 00-0017	EA	18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	323.17	24.79
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	27.36	
		For Clear Lacquer Finish, Add	54.72	
		For Baked Enamel Standard Colors, Add	82.08	
		For Anodized Finish, Add	109.44	
		For Kynar™ Standard Colors Finish, Add	150.48	
08 91 16 00-0018	EA	18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	408.09	31.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	34.50	
		For Clear Lacquer Finish, Add	69.00	
		For Baked Enamel Standard Colors, Add	103.50	
		For Anodized Finish, Add	138.00	
		For Kynar™ Standard Colors Finish, Add	189.75	
08 91 16 00-0019	EA	18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	478.31	36.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	40.62	
		For Clear Lacquer Finish, Add	81.24	
		For Baked Enamel Standard Colors, Add	121.86	
		For Anodized Finish, Add	162.48	
		For Kynar™ Standard Colors Finish, Add	223.41	
08 91 16 00-0020	EA	18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	595.33	45.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	50.52	
		For Clear Lacquer Finish, Add	101.04	
		For Baked Enamel Standard Colors, Add	151.56	
		For Anodized Finish, Add	202.08	
		For Kynar™ Standard Colors Finish, Add	277.86	
08 91 16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	676.34	49.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	57.72	
		For Clear Lacquer Finish, Add	115.44	
		For Baked Enamel Standard Colors, Add	173.16	
		For Anodized Finish, Add	230.88	
		For Kynar™ Standard Colors Finish, Add	317.46	
08 91 16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	757.36	54.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	64.92	
		For Clear Lacquer Finish, Add	129.84	
		For Baked Enamel Standard Colors, Add	194.76	
		For Anodized Finish, Add	259.68	
		For Kynar™ Standard Colors Finish, Add	357.06	
08 91 16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	853.97	58.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	73.68	
		For Clear Lacquer Finish, Add	147.36	
		For Baked Enamel Standard Colors, Add	221.04	
		For Anodized Finish, Add	294.72	
		For Kynar™ Standard Colors Finish, Add	405.24	
08 91 16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	947.30	65.35
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	81.66	
		For Clear Lacquer Finish, Add	163.32	
		For Baked Enamel Standard Colors, Add	244.98	
		For Anodized Finish, Add	326.64	
		For Kynar™ Standard Colors Finish, Add	449.13	
08 91 16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,022.62	72.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	87.84	
		For Clear Lacquer Finish, Add	175.68	
		For Baked Enamel Standard Colors, Add	263.52	
		For Anodized Finish, Add	351.36	
		For Kynar™ Standard Colors Finish, Add	483.12	
08 91 16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,094.02	76.62
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	94.08	
		For Clear Lacquer Finish, Add	188.16	
		For Baked Enamel Standard Colors, Add	282.24	
		For Anodized Finish, Add	376.32	
		For Kynar™ Standard Colors Finish, Add	517.44	
08 91 16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,161.24	81.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	99.90	
		For Clear Lacquer Finish, Add	199.80	
		For Baked Enamel Standard Colors, Add	299.70	
		For Anodized Finish, Add	399.60	
		For Kynar™ Standard Colors Finish, Add	549.45	
08 91 16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,247.65	85.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	107.64	
		For Clear Lacquer Finish, Add	215.28	
		For Baked Enamel Standard Colors, Add	322.92	
		For Anodized Finish, Add	430.56	
		For Kynar™ Standard Colors Finish, Add	592.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0029	EA		18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,331.07	90.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	115.08	
			For Clear Lacquer Finish, Add	230.16	
			For Baked Enamel Standard Colors, Add	345.24	
			For Anodized Finish, Add	460.32	
			For Kynar™ Standard Colors Finish, Add	632.94	
08 91 16 00-0030	EA		18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,433.39	96.89
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	123.96	
			For Clear Lacquer Finish, Add	247.92	
			For Baked Enamel Standard Colors, Add	371.88	
			For Anodized Finish, Add	495.84	
			For Kynar™ Standard Colors Finish, Add	681.78	
08 91 16 00-0031	EA		18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,511.70	103.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	130.44	
			For Clear Lacquer Finish, Add	260.88	
			For Baked Enamel Standard Colors, Add	391.32	
			For Anodized Finish, Add	521.76	
			For Kynar™ Standard Colors Finish, Add	717.42	
08 91 16 00-0032	EA		24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	362.19	29.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	30.36	
			For Clear Lacquer Finish, Add	60.72	
			For Baked Enamel Standard Colors, Add	91.08	
			For Anodized Finish, Add	121.44	
			For Kynar™ Standard Colors Finish, Add	166.98	
08 91 16 00-0033	EA		24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	459.11	36.05
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	38.70	
			For Clear Lacquer Finish, Add	77.40	
			For Baked Enamel Standard Colors, Add	116.10	
			For Anodized Finish, Add	154.80	
			For Kynar™ Standard Colors Finish, Add	212.85	
08 91 16 00-0034	EA		24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	568.03	42.81
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	48.24	
			For Clear Lacquer Finish, Add	96.48	
			For Baked Enamel Standard Colors, Add	144.72	
			For Anodized Finish, Add	192.96	
			For Kynar™ Standard Colors Finish, Add	265.32	
08 91 16 00-0035	EA		24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	670.65	51.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	56.70	
			For Clear Lacquer Finish, Add	113.40	
			For Baked Enamel Standard Colors, Add	170.10	
			For Anodized Finish, Add	226.80	
			For Kynar™ Standard Colors Finish, Add	311.85	
08 91 16 00-0036	EA		24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	759.47	56.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	64.68	
			For Clear Lacquer Finish, Add	129.36	
			For Baked Enamel Standard Colors, Add	194.04	
			For Anodized Finish, Add	258.72	
			For Kynar™ Standard Colors Finish, Add	355.74	
08 91 16 00-0037	EA		24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	853.08	60.84
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.14	
			For Clear Lacquer Finish, Add	146.28	
			For Baked Enamel Standard Colors, Add	219.42	
			For Anodized Finish, Add	292.56	
			For Kynar™ Standard Colors Finish, Add	402.27	
08 91 16 00-0038	EA		24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	969.20	67.60
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	83.40	
			For Clear Lacquer Finish, Add	166.80	
			For Baked Enamel Standard Colors, Add	250.20	
			For Anodized Finish, Add	333.60	
			For Kynar™ Standard Colors Finish, Add	458.70	
08 91 16 00-0039	EA		24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,068.82	76.62
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.56	
			For Clear Lacquer Finish, Add	183.12	
			For Baked Enamel Standard Colors, Add	274.68	
			For Anodized Finish, Add	366.24	
			For Kynar™ Standard Colors Finish, Add	503.58	
08 91 16 00-0040	EA		24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,145.04	81.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	98.28	
			For Clear Lacquer Finish, Add	196.56	
			For Baked Enamel Standard Colors, Add	294.84	
			For Anodized Finish, Add	393.12	
			For Kynar™ Standard Colors Finish, Add	540.54	
08 91 16 00-0041	EA		24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,230.27	90.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	105.00	
			For Clear Lacquer Finish, Add	210.00	
			For Baked Enamel Standard Colors, Add	315.00	
			For Anodized Finish, Add	420.00	
			For Kynar™ Standard Colors Finish, Add	577.50	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0042	EA	24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,307.68	94.64
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	111.84	
		For Clear Lacquer Finish, Add	223.68	
		For Baked Enamel Standard Colors, Add	335.52	
		For Anodized Finish, Add	447.36	
		For Kynar™ Standard Colors Finish, Add	615.12	
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,412.10	99.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	121.38	
		For Clear Lacquer Finish, Add	242.76	
		For Baked Enamel Standard Colors, Add	364.14	
		For Anodized Finish, Add	485.52	
		For Kynar™ Standard Colors Finish, Add	667.59	
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,500.90	103.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	129.36	
		For Clear Lacquer Finish, Add	258.72	
		For Baked Enamel Standard Colors, Add	388.08	
		For Anodized Finish, Add	517.44	
		For Kynar™ Standard Colors Finish, Add	711.48	
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,613.42	110.41
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	139.26	
		For Clear Lacquer Finish, Add	278.52	
		For Baked Enamel Standard Colors, Add	417.78	
		For Anodized Finish, Add	557.04	
		For Kynar™ Standard Colors Finish, Add	765.93	
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	1,697.15	117.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	146.28	
		For Clear Lacquer Finish, Add	292.56	
		For Baked Enamel Standard Colors, Add	438.84	
		For Anodized Finish, Add	585.12	
		For Kynar™ Standard Colors Finish, Add	804.54	
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	404.20	33.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	33.66	
		For Clear Lacquer Finish, Add	67.32	
		For Baked Enamel Standard Colors, Add	100.98	
		For Anodized Finish, Add	134.64	
		For Kynar™ Standard Colors Finish, Add	185.13	
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	538.33	45.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	44.82	
		For Clear Lacquer Finish, Add	89.64	
		For Baked Enamel Standard Colors, Add	134.46	
		For Anodized Finish, Add	179.28	
		For Kynar™ Standard Colors Finish, Add	246.51	
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	638.25	51.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	53.46	
		For Clear Lacquer Finish, Add	106.92	
		For Baked Enamel Standard Colors, Add	160.38	
		For Anodized Finish, Add	213.84	
		For Kynar™ Standard Colors Finish, Add	294.03	
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	747.17	58.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	63.00	
		For Clear Lacquer Finish, Add	126.00	
		For Baked Enamel Standard Colors, Add	189.00	
		For Anodized Finish, Add	252.00	
		For Kynar™ Standard Colors Finish, Add	346.50	
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	843.79	63.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	71.76	
		For Clear Lacquer Finish, Add	143.52	
		For Baked Enamel Standard Colors, Add	215.28	
		For Anodized Finish, Add	287.04	
		For Kynar™ Standard Colors Finish, Add	394.68	
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	944.91	69.85
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	80.52	
		For Clear Lacquer Finish, Add	161.04	
		For Baked Enamel Standard Colors, Add	241.56	
		For Anodized Finish, Add	322.08	
		For Kynar™ Standard Colors Finish, Add	442.86	
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,064.31	74.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	91.56	
		For Clear Lacquer Finish, Add	183.12	
		For Baked Enamel Standard Colors, Add	274.68	
		For Anodized Finish, Add	366.24	
		For Kynar™ Standard Colors Finish, Add	503.58	
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,167.84	81.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	100.56	
		For Clear Lacquer Finish, Add	201.12	
		For Baked Enamel Standard Colors, Add	301.68	
		For Anodized Finish, Add	402.24	
		For Kynar™ Standard Colors Finish, Add	553.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0055	EA		30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,252.45	85.63
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.12	
			For Clear Lacquer Finish, Add	216.24	
			For Baked Enamel Standard Colors, Add	324.36	
			For Anodized Finish, Add	432.48	
			For Kynar™ Standard Colors Finish, Add	594.66	
08 91 16 00-0056	EA		30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,347.28	94.64
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	115.80	
			For Clear Lacquer Finish, Add	231.60	
			For Baked Enamel Standard Colors, Add	347.40	
			For Anodized Finish, Add	463.20	
			For Kynar™ Standard Colors Finish, Add	636.90	
08 91 16 00-0057	EA		30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,437.00	101.40
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	123.42	
			For Clear Lacquer Finish, Add	246.84	
			For Baked Enamel Standard Colors, Add	370.26	
			For Anodized Finish, Add	493.68	
			For Kynar™ Standard Colors Finish, Add	678.81	
08 91 16 00-0058	EA		30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,548.01	105.90
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	133.62	
			For Clear Lacquer Finish, Add	267.24	
			For Baked Enamel Standard Colors, Add	400.86	
			For Anodized Finish, Add	534.48	
			For Kynar™ Standard Colors Finish, Add	734.91	
08 91 16 00-0059	EA		30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,644.62	110.41
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	142.38	
			For Clear Lacquer Finish, Add	284.76	
			For Baked Enamel Standard Colors, Add	427.14	
			For Anodized Finish, Add	569.52	
			For Kynar™ Standard Colors Finish, Add	783.09	
08 91 16 00-0060	EA		30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	1,762.55	117.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	152.82	
			For Clear Lacquer Finish, Add	305.64	
			For Baked Enamel Standard Colors, Add	458.46	
			For Anodized Finish, Add	611.28	
			For Kynar™ Standard Colors Finish, Add	840.51	
08 91 16 00-0061	EA		30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	1,857.07	123.93
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	160.92	
			For Clear Lacquer Finish, Add	321.84	
			For Baked Enamel Standard Colors, Add	482.76	
			For Anodized Finish, Add	643.68	
			For Kynar™ Standard Colors Finish, Add	885.06	
08 91 16 00-0062	EA		36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	443.22	38.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	36.66	
			For Clear Lacquer Finish, Add	73.32	
			For Baked Enamel Standard Colors, Add	109.98	
			For Anodized Finish, Add	146.64	
			For Kynar™ Standard Colors Finish, Add	201.63	
08 91 16 00-0063	EA		36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	598.94	49.57
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	49.98	
			For Clear Lacquer Finish, Add	99.96	
			For Baked Enamel Standard Colors, Add	149.94	
			For Anodized Finish, Add	199.92	
			For Kynar™ Standard Colors Finish, Add	274.89	
08 91 16 00-0064	EA		36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	699.47	56.33
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	58.68	
			For Clear Lacquer Finish, Add	117.36	
			For Baked Enamel Standard Colors, Add	176.04	
			For Anodized Finish, Add	234.72	
			For Kynar™ Standard Colors Finish, Add	322.74	
08 91 16 00-0065	EA		36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	818.59	63.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	69.24	
			For Clear Lacquer Finish, Add	138.48	
			For Baked Enamel Standard Colors, Add	207.72	
			For Anodized Finish, Add	276.96	
			For Kynar™ Standard Colors Finish, Add	380.82	
08 91 16 00-0066	EA		36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	928.40	68.50
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	79.14	
			For Clear Lacquer Finish, Add	158.28	
			For Baked Enamel Standard Colors, Add	237.42	
			For Anodized Finish, Add	316.56	
			For Kynar™ Standard Colors Finish, Add	435.27	
08 91 16 00-0067	EA		36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,031.91	74.36
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	88.32	
			For Clear Lacquer Finish, Add	176.64	
			For Baked Enamel Standard Colors, Add	264.96	
			For Anodized Finish, Add	353.28	
			For Kynar™ Standard Colors Finish, Add	485.76	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 16 00-0068	EA	36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,165.13	78.87
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	100.74	
		For Clear Lacquer Finish, Add	201.48	
		For Baked Enamel Standard Colors, Add	302.22	
		For Anodized Finish, Add	402.96	
		For Kynar™ Standard Colors Finish, Add	554.07	
08 91 16 00-0069	EA	36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,281.25	85.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	111.00	
		For Clear Lacquer Finish, Add	222.00	
		For Baked Enamel Standard Colors, Add	333.00	
		For Anodized Finish, Add	444.00	
		For Kynar™ Standard Colors Finish, Add	610.50	
08 91 16 00-0070	EA	36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,376.37	92.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	119.16	
		For Clear Lacquer Finish, Add	238.32	
		For Baked Enamel Standard Colors, Add	357.48	
		For Anodized Finish, Add	476.64	
		For Kynar™ Standard Colors Finish, Add	655.38	
08 91 16 00-0071	EA	36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,473.90	99.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	127.56	
		For Clear Lacquer Finish, Add	255.12	
		For Baked Enamel Standard Colors, Add	382.68	
		For Anodized Finish, Add	510.24	
		For Kynar™ Standard Colors Finish, Add	701.58	
08 91 16 00-0072	EA	36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,574.41	105.90
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	136.26	
		For Clear Lacquer Finish, Add	272.52	
		For Baked Enamel Standard Colors, Add	408.78	
		For Anodized Finish, Add	545.04	
		For Kynar™ Standard Colors Finish, Add	749.43	
08 91 16 00-0073	EA	36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,695.62	110.41
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	147.48	
		For Clear Lacquer Finish, Add	294.96	
		For Baked Enamel Standard Colors, Add	442.44	
		For Anodized Finish, Add	589.92	
		For Kynar™ Standard Colors Finish, Add	811.14	
08 91 16 00-0074	EA	36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	1,799.44	114.92
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	156.96	
		For Clear Lacquer Finish, Add	313.92	
		For Baked Enamel Standard Colors, Add	470.88	
		For Anodized Finish, Add	627.84	
		For Kynar™ Standard Colors Finish, Add	863.28	
08 91 16 00-0075	EA	36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	1,932.36	121.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	168.90	
		For Clear Lacquer Finish, Add	337.80	
		For Baked Enamel Standard Colors, Add	506.70	
		For Anodized Finish, Add	675.60	
		For Kynar™ Standard Colors Finish, Add	928.95	
08 91 16 00-0076	EA	36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,032.28	128.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	177.54	
		For Clear Lacquer Finish, Add	355.08	
		For Baked Enamel Standard Colors, Add	532.62	
		For Anodized Finish, Add	710.16	
		For Kynar™ Standard Colors Finish, Add	976.47	
08 91 16 00-0077	EA	42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	506.83	42.81
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	42.12	
		For Clear Lacquer Finish, Add	84.24	
		For Baked Enamel Standard Colors, Add	126.36	
		For Anodized Finish, Add	168.48	
		For Kynar™ Standard Colors Finish, Add	231.66	
08 91 16 00-0078	EA	42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	646.36	54.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	53.82	
		For Clear Lacquer Finish, Add	107.64	
		For Baked Enamel Standard Colors, Add	161.46	
		For Anodized Finish, Add	215.28	
		For Kynar™ Standard Colors Finish, Add	296.01	
08 91 16 00-0079	EA	42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	757.68	60.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	63.60	
		For Clear Lacquer Finish, Add	127.20	
		For Baked Enamel Standard Colors, Add	190.80	
		For Anodized Finish, Add	254.40	
		For Kynar™ Standard Colors Finish, Add	349.80	
08 91 16 00-0080	EA	42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	885.51	69.85
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	74.58	
		For Clear Lacquer Finish, Add	149.16	
		For Baked Enamel Standard Colors, Add	223.74	
		For Anodized Finish, Add	298.32	
		For Kynar™ Standard Colors Finish, Add	410.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0081	EA		42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,001.91	74.36
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	85.32	
			For Clear Lacquer Finish, Add	170.64	
			For Baked Enamel Standard Colors, Add	255.96	
			For Anodized Finish, Add	341.28	
			For Kynar™ Standard Colors Finish, Add	469.26	
08 91 16 00-0082	EA		42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,112.33	78.87
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	95.46	
			For Clear Lacquer Finish, Add	190.92	
			For Baked Enamel Standard Colors, Add	286.38	
			For Anodized Finish, Add	381.84	
			For Kynar™ Standard Colors Finish, Add	525.03	
08 91 16 00-0083	EA		42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,256.94	83.38
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	109.02	
			For Clear Lacquer Finish, Add	218.04	
			For Baked Enamel Standard Colors, Add	327.06	
			For Anodized Finish, Add	436.08	
			For Kynar™ Standard Colors Finish, Add	599.61	
08 91 16 00-0084	EA		42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,374.87	90.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	119.46	
			For Clear Lacquer Finish, Add	238.92	
			For Baked Enamel Standard Colors, Add	358.38	
			For Anodized Finish, Add	477.84	
			For Kynar™ Standard Colors Finish, Add	657.03	
08 91 16 00-0085	EA		42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,481.39	96.89
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	128.76	
			For Clear Lacquer Finish, Add	257.52	
			For Baked Enamel Standard Colors, Add	386.28	
			For Anodized Finish, Add	515.04	
			For Kynar™ Standard Colors Finish, Add	708.18	
08 91 16 00-0086	EA		42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,581.30	103.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	137.40	
			For Clear Lacquer Finish, Add	274.80	
			For Baked Enamel Standard Colors, Add	412.20	
			For Anodized Finish, Add	549.60	
			For Kynar™ Standard Colors Finish, Add	755.70	
08 91 16 00-0087	EA		42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	1,690.22	110.41
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	146.94	
			For Clear Lacquer Finish, Add	293.88	
			For Baked Enamel Standard Colors, Add	440.82	
			For Anodized Finish, Add	587.76	
			For Kynar™ Standard Colors Finish, Add	808.17	
08 91 16 00-0088	EA		42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	1,820.44	114.92
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	159.06	
			For Clear Lacquer Finish, Add	318.12	
			For Baked Enamel Standard Colors, Add	477.18	
			For Anodized Finish, Add	636.24	
			For Kynar™ Standard Colors Finish, Add	874.83	
08 91 16 00-0089	EA		42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	1,933.85	119.43
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	169.50	
			For Clear Lacquer Finish, Add	339.00	
			For Baked Enamel Standard Colors, Add	508.50	
			For Anodized Finish, Add	678.00	
			For Kynar™ Standard Colors Finish, Add	932.25	
08 91 16 00-0090	EA		42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,082.38	126.19
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	183.00	
			For Clear Lacquer Finish, Add	366.00	
			For Baked Enamel Standard Colors, Add	549.00	
			For Anodized Finish, Add	732.00	
			For Kynar™ Standard Colors Finish, Add	1,006.50	
08 91 16 00-0091	EA		42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,186.49	132.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	192.06	
			For Clear Lacquer Finish, Add	384.12	
			For Baked Enamel Standard Colors, Add	576.18	
			For Anodized Finish, Add	768.24	
			For Kynar™ Standard Colors Finish, Add	1,056.33	
08 91 16 00-0092	EA		48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	548.84	47.32
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	45.42	
			For Clear Lacquer Finish, Add	90.84	
			For Baked Enamel Standard Colors, Add	136.26	
			For Anodized Finish, Add	181.68	
			For Kynar™ Standard Colors Finish, Add	249.81	
08 91 16 00-0093	EA		48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	696.77	58.59
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	57.96	
			For Clear Lacquer Finish, Add	115.92	
			For Baked Enamel Standard Colors, Add	173.88	
			For Anodized Finish, Add	231.84	
			For Kynar™ Standard Colors Finish, Add	318.78	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	824.00	67.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	68.88	
		For Clear Lacquer Finish, Add	137.76	
		For Baked Enamel Standard Colors, Add	206.64	
		For Anodized Finish, Add	275.52	
		For Kynar™ Standard Colors Finish, Add	378.84	
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	953.91	74.36
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	80.52	
		For Clear Lacquer Finish, Add	161.04	
		For Baked Enamel Standard Colors, Add	241.56	
		For Anodized Finish, Add	322.08	
		For Kynar™ Standard Colors Finish, Add	442.86	
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,082.33	78.87
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	92.46	
		For Clear Lacquer Finish, Add	184.92	
		For Baked Enamel Standard Colors, Add	277.38	
		For Anodized Finish, Add	369.84	
		For Kynar™ Standard Colors Finish, Add	508.53	
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,206.54	83.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	103.98	
		For Clear Lacquer Finish, Add	207.96	
		For Baked Enamel Standard Colors, Add	311.94	
		For Anodized Finish, Add	415.92	
		For Kynar™ Standard Colors Finish, Add	571.89	
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,361.67	90.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	118.14	
		For Clear Lacquer Finish, Add	236.28	
		For Baked Enamel Standard Colors, Add	354.42	
		For Anodized Finish, Add	472.56	
		For Kynar™ Standard Colors Finish, Add	649.77	
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,490.39	96.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	129.66	
		For Clear Lacquer Finish, Add	259.32	
		For Baked Enamel Standard Colors, Add	388.98	
		For Anodized Finish, Add	518.64	
		For Kynar™ Standard Colors Finish, Add	713.13	
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,602.30	103.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	139.50	
		For Clear Lacquer Finish, Add	279.00	
		For Baked Enamel Standard Colors, Add	418.50	
		For Anodized Finish, Add	558.00	
		For Kynar™ Standard Colors Finish, Add	767.25	
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	1,716.02	110.41
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	149.52	
		For Clear Lacquer Finish, Add	299.04	
		For Baked Enamel Standard Colors, Add	448.56	
		For Anodized Finish, Add	598.08	
		For Kynar™ Standard Colors Finish, Add	822.36	
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	1,827.35	117.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	159.30	
		For Clear Lacquer Finish, Add	318.60	
		For Baked Enamel Standard Colors, Add	477.90	
		For Anodized Finish, Add	637.20	
		For Kynar™ Standard Colors Finish, Add	876.15	
08 91 16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	1,974.36	121.68
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	173.10	
		For Clear Lacquer Finish, Add	346.20	
		For Baked Enamel Standard Colors, Add	519.30	
		For Anodized Finish, Add	692.40	
		For Kynar™ Standard Colors Finish, Add	952.05	
08 91 16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,096.78	126.19
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	184.44	
		For Clear Lacquer Finish, Add	368.88	
		For Baked Enamel Standard Colors, Add	553.32	
		For Anodized Finish, Add	737.76	
		For Kynar™ Standard Colors Finish, Add	1,014.42	
08 91 16 00-0105	EA	48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,247.39	130.70
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	198.60	
		For Clear Lacquer Finish, Add	397.20	
		For Baked Enamel Standard Colors, Add	595.80	
		For Anodized Finish, Add	794.40	
		For Kynar™ Standard Colors Finish, Add	1,092.30	
08 91 16 00-0106	EA	48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,361.70	137.46
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	208.68	
		For Clear Lacquer Finish, Add	417.36	
		For Baked Enamel Standard Colors, Add	626.04	
		For Anodized Finish, Add	834.72	
		For Kynar™ Standard Colors Finish, Add	1,147.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0107	EA		54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	636.76	54.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	52.86	
			For Clear Lacquer Finish, Add	105.72	
			For Baked Enamel Standard Colors, Add	158.58	
			For Anodized Finish, Add	211.44	
			For Kynar™ Standard Colors Finish, Add	290.73	
08 91 16 00-0108	EA		54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	814.70	65.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.40	
			For Clear Lacquer Finish, Add	136.80	
			For Baked Enamel Standard Colors, Add	205.20	
			For Anodized Finish, Add	273.60	
			For Kynar™ Standard Colors Finish, Add	376.20	
08 91 16 00-0109	EA		54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	954.82	76.62
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	80.16	
			For Clear Lacquer Finish, Add	160.32	
			For Baked Enamel Standard Colors, Add	240.48	
			For Anodized Finish, Add	320.64	
			For Kynar™ Standard Colors Finish, Add	440.88	
08 91 16 00-0110	EA		54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,094.04	81.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	93.18	
			For Clear Lacquer Finish, Add	186.36	
			For Baked Enamel Standard Colors, Add	279.54	
			For Anodized Finish, Add	372.72	
			For Kynar™ Standard Colors Finish, Add	512.49	
08 91 16 00-0111	EA		54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,245.25	85.63
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	107.40	
			For Clear Lacquer Finish, Add	214.80	
			For Baked Enamel Standard Colors, Add	322.20	
			For Anodized Finish, Add	429.60	
			For Kynar™ Standard Colors Finish, Add	590.70	
08 91 16 00-0112	EA		54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,380.87	90.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	120.06	
			For Clear Lacquer Finish, Add	240.12	
			For Baked Enamel Standard Colors, Add	360.18	
			For Anodized Finish, Add	480.24	
			For Kynar™ Standard Colors Finish, Add	660.33	
08 91 16 00-0113	EA		54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,560.59	96.89
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	136.68	
			For Clear Lacquer Finish, Add	273.36	
			For Baked Enamel Standard Colors, Add	410.04	
			For Anodized Finish, Add	546.72	
			For Kynar™ Standard Colors Finish, Add	751.74	
08 91 16 00-0114	EA		54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,735.50	103.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	152.82	
			For Clear Lacquer Finish, Add	305.64	
			For Baked Enamel Standard Colors, Add	458.46	
			For Anodized Finish, Add	611.28	
			For Kynar™ Standard Colors Finish, Add	840.51	
08 91 16 00-0115	EA		54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,867.22	110.41
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	164.64	
			For Clear Lacquer Finish, Add	329.28	
			For Baked Enamel Standard Colors, Add	493.92	
			For Anodized Finish, Add	658.56	
			For Kynar™ Standard Colors Finish, Add	905.52	
08 91 16 00-0116	EA		54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,997.15	117.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	176.28	
			For Clear Lacquer Finish, Add	352.56	
			For Baked Enamel Standard Colors, Add	528.84	
			For Anodized Finish, Add	705.12	
			For Kynar™ Standard Colors Finish, Add	969.54	
08 91 16 00-0117	EA		54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,121.36	121.68
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	187.80	
			For Clear Lacquer Finish, Add	375.60	
			For Baked Enamel Standard Colors, Add	563.40	
			For Anodized Finish, Add	751.20	
			For Kynar™ Standard Colors Finish, Add	1,032.90	
08 91 16 00-0118	EA		54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,285.18	126.19
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	203.28	
			For Clear Lacquer Finish, Add	406.56	
			For Baked Enamel Standard Colors, Add	609.84	
			For Anodized Finish, Add	813.12	
			For Kynar™ Standard Colors Finish, Add	1,118.04	
08 91 16 00-0119	EA		54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,421.99	130.70
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	216.06	
			For Clear Lacquer Finish, Add	432.12	
			For Baked Enamel Standard Colors, Add	648.18	
			For Anodized Finish, Add	864.24	
			For Kynar™ Standard Colors Finish, Add	1,188.33	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	2,597.80	135.20
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	232.74	
		For Clear Lacquer Finish, Add	465.48	
		For Baked Enamel Standard Colors, Add	698.22	
		For Anodized Finish, Add	930.96	
		For Kynar™ Standard Colors Finish, Add	1,280.07	
08 91 16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	2,730.72	141.96
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	244.68	
		For Clear Lacquer Finish, Add	489.36	
		For Baked Enamel Standard Colors, Add	734.04	
		For Anodized Finish, Add	978.72	
		For Kynar™ Standard Colors Finish, Add	1,345.74	
08 91 16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	676.37	58.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	55.92	
		For Clear Lacquer Finish, Add	111.84	
		For Baked Enamel Standard Colors, Add	167.76	
		For Anodized Finish, Add	223.68	
		For Kynar™ Standard Colors Finish, Add	307.56	
08 91 16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	869.62	72.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	72.54	
		For Clear Lacquer Finish, Add	145.08	
		For Baked Enamel Standard Colors, Add	217.62	
		For Anodized Finish, Add	290.16	
		For Kynar™ Standard Colors Finish, Add	398.97	
08 91 16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,011.84	81.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	84.96	
		For Clear Lacquer Finish, Add	169.92	
		For Baked Enamel Standard Colors, Add	254.88	
		For Anodized Finish, Add	339.84	
		For Kynar™ Standard Colors Finish, Add	467.28	
08 91 16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,164.85	85.63
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	99.36	
		For Clear Lacquer Finish, Add	198.72	
		For Baked Enamel Standard Colors, Add	298.08	
		For Anodized Finish, Add	397.44	
		For Kynar™ Standard Colors Finish, Add	546.48	
08 91 16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,325.97	92.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	114.12	
		For Clear Lacquer Finish, Add	228.24	
		For Baked Enamel Standard Colors, Add	342.36	
		For Anodized Finish, Add	456.48	
		For Kynar™ Standard Colors Finish, Add	627.66	
08 91 16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,469.39	96.89
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	127.56	
		For Clear Lacquer Finish, Add	255.12	
		For Baked Enamel Standard Colors, Add	382.68	
		For Anodized Finish, Add	510.24	
		For Kynar™ Standard Colors Finish, Add	701.58	
08 91 16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,661.70	103.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	145.44	
		For Clear Lacquer Finish, Add	290.88	
		For Baked Enamel Standard Colors, Add	436.32	
		For Anodized Finish, Add	581.76	
		For Kynar™ Standard Colors Finish, Add	799.92	
08 91 16 00-0129	EA	60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	1,841.42	110.41
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	162.06	
		For Clear Lacquer Finish, Add	324.12	
		For Baked Enamel Standard Colors, Add	486.18	
		For Anodized Finish, Add	648.24	
		For Kynar™ Standard Colors Finish, Add	891.33	
08 91 16 00-0130	EA	60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	1,982.15	117.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	174.78	
		For Clear Lacquer Finish, Add	349.56	
		For Baked Enamel Standard Colors, Add	524.34	
		For Anodized Finish, Add	699.12	
		For Kynar™ Standard Colors Finish, Add	961.29	
08 91 16 00-0131	EA	60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,120.47	123.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	187.26	
		For Clear Lacquer Finish, Add	374.52	
		For Baked Enamel Standard Colors, Add	561.78	
		For Anodized Finish, Add	749.04	
		For Kynar™ Standard Colors Finish, Add	1,029.93	
08 91 16 00-0132	EA	60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,252.48	128.44
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	199.56	
		For Clear Lacquer Finish, Add	399.12	
		For Baked Enamel Standard Colors, Add	598.68	
		For Anodized Finish, Add	798.24	
		For Kynar™ Standard Colors Finish, Add	1,097.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0133	EA		60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,430.09	132.95
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	216.42	
			For Clear Lacquer Finish, Add	432.84	
			For Baked Enamel Standard Colors, Add	649.26	
			For Anodized Finish, Add	865.68	
			For Kynar™ Standard Colors Finish, Add	1,190.31	
08 91 16 00-0134	EA		60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,573.50	137.46
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	229.86	
			For Clear Lacquer Finish, Add	459.72	
			For Baked Enamel Standard Colors, Add	689.58	
			For Anodized Finish, Add	919.44	
			For Kynar™ Standard Colors Finish, Add	1,264.23	
08 91 16 00-0135	EA		60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,758.32	141.96
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	247.44	
			For Clear Lacquer Finish, Add	494.88	
			For Baked Enamel Standard Colors, Add	742.32	
			For Anodized Finish, Add	989.76	
			For Kynar™ Standard Colors Finish, Add	1,360.92	
08 91 16 00-0136	EA		60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,894.53	146.47
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	260.16	
			For Clear Lacquer Finish, Add	520.32	
			For Baked Enamel Standard Colors, Add	780.48	
			For Anodized Finish, Add	1,040.64	
			For Kynar™ Standard Colors Finish, Add	1,430.88	
08 91 16 00-0137 Adjustable Intake Wall Louvers Operators (08 91 16)					
08 91 16 00-0138	EA		5' Chain Actuator For Adjustable Intake Louver.....	174.66	22.54
08 91 16 00-0139	EA		Panel Crank For Adjustable Intake Louver	364.83	9.01
08 91 19 Fixed Louvers (08 91)					
08 91 19 00-0001 Fixed Intake Wall Louvers (08 91 19)					
08 91 19 00-0002	EA		12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	221.76	20.28
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	18.12	
			For Clear Lacquer Finish, Add	36.24	
			For Baked Enamel Standard Colors, Add	54.36	
			For Anodized Finish, Add	72.48	
			For Kynar™ Standard Colors Finish, Add	99.66	
08 91 19 00-0003	EA		12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	263.77	24.79
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	21.42	
			For Clear Lacquer Finish, Add	42.84	
			For Baked Enamel Standard Colors, Add	64.26	
			For Anodized Finish, Add	85.68	
			For Kynar™ Standard Colors Finish, Add	117.81	
08 91 19 00-0004	EA		12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	306.39	29.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	24.78	
			For Clear Lacquer Finish, Add	49.56	
			For Baked Enamel Standard Colors, Add	74.34	
			For Anodized Finish, Add	99.12	
			For Kynar™ Standard Colors Finish, Add	136.29	
08 91 19 00-0005	EA		12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	359.20	33.80
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	29.16	
			For Clear Lacquer Finish, Add	58.32	
			For Baked Enamel Standard Colors, Add	87.48	
			For Anodized Finish, Add	116.64	
			For Kynar™ Standard Colors Finish, Add	160.38	
08 91 19 00-0006	EA		12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	404.22	38.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	32.76	
			For Clear Lacquer Finish, Add	65.52	
			For Baked Enamel Standard Colors, Add	98.28	
			For Anodized Finish, Add	131.04	
			For Kynar™ Standard Colors Finish, Add	180.18	
08 91 19 00-0007	EA		12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	475.63	42.81
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	39.00	
			For Clear Lacquer Finish, Add	78.00	
			For Baked Enamel Standard Colors, Add	117.00	
			For Anodized Finish, Add	156.00	
			For Kynar™ Standard Colors Finish, Add	214.50	
08 91 19 00-0008	EA		12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	515.84	47.32
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	42.12	
			For Clear Lacquer Finish, Add	84.24	
			For Baked Enamel Standard Colors, Add	126.36	
			For Anodized Finish, Add	168.48	
			For Kynar™ Standard Colors Finish, Add	231.66	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	577.36	54.08
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	46.92	
		For Clear Lacquer Finish, Add	93.84	
		For Baked Enamel Standard Colors, Add	140.76	
		For Anodized Finish, Add	187.68	
		For Kynar™ Standard Colors Finish, Add	258.06	
08 91 19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	614.57	58.59
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	49.74	
		For Clear Lacquer Finish, Add	99.48	
		For Baked Enamel Standard Colors, Add	149.22	
		For Anodized Finish, Add	198.96	
		For Kynar™ Standard Colors Finish, Add	273.57	
08 91 19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	664.39	63.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	53.82	
		For Clear Lacquer Finish, Add	107.64	
		For Baked Enamel Standard Colors, Add	161.46	
		For Anodized Finish, Add	215.28	
		For Kynar™ Standard Colors Finish, Add	296.01	
08 91 19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	708.20	67.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	57.30	
		For Clear Lacquer Finish, Add	114.60	
		For Baked Enamel Standard Colors, Add	171.90	
		For Anodized Finish, Add	229.20	
		For Kynar™ Standard Colors Finish, Add	315.15	
08 91 19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	759.82	72.11
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	61.56	
		For Clear Lacquer Finish, Add	123.12	
		For Baked Enamel Standard Colors, Add	184.68	
		For Anodized Finish, Add	246.24	
		For Kynar™ Standard Colors Finish, Add	338.58	
08 91 19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	808.42	76.62
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	65.52	
		For Clear Lacquer Finish, Add	131.04	
		For Baked Enamel Standard Colors, Add	196.56	
		For Anodized Finish, Add	262.08	
		For Kynar™ Standard Colors Finish, Add	360.36	
08 91 19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	853.14	83.38
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	68.64	
		For Clear Lacquer Finish, Add	137.28	
		For Baked Enamel Standard Colors, Add	205.92	
		For Anodized Finish, Add	274.56	
		For Kynar™ Standard Colors Finish, Add	377.52	
08 91 19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	911.67	90.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	73.14	
		For Clear Lacquer Finish, Add	146.28	
		For Baked Enamel Standard Colors, Add	219.42	
		For Anodized Finish, Add	292.56	
		For Kynar™ Standard Colors Finish, Add	402.27	
08 91 19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	258.37	24.79
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	20.88	
		For Clear Lacquer Finish, Add	41.76	
		For Baked Enamel Standard Colors, Add	62.64	
		For Anodized Finish, Add	83.52	
		For Kynar™ Standard Colors Finish, Add	114.84	
08 91 19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	310.89	31.54
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	24.78	
		For Clear Lacquer Finish, Add	49.56	
		For Baked Enamel Standard Colors, Add	74.34	
		For Anodized Finish, Add	99.12	
		For Kynar™ Standard Colors Finish, Add	136.29	
08 91 19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	360.11	36.05
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	28.80	
		For Clear Lacquer Finish, Add	57.60	
		For Baked Enamel Standard Colors, Add	86.40	
		For Anodized Finish, Add	115.20	
		For Kynar™ Standard Colors Finish, Add	158.40	
08 91 19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	451.33	45.06
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	36.12	
		For Clear Lacquer Finish, Add	72.24	
		For Baked Enamel Standard Colors, Add	108.36	
		For Anodized Finish, Add	144.48	
		For Kynar™ Standard Colors Finish, Add	198.66	
08 91 19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	516.74	49.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	41.76	
		For Clear Lacquer Finish, Add	83.52	
		For Baked Enamel Standard Colors, Add	125.28	
		For Anodized Finish, Add	167.04	
		For Kynar™ Standard Colors Finish, Add	229.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0022	EA		18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	574.96	54.08
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	46.68	
			For Clear Lacquer Finish, Add	93.36	
			For Baked Enamel Standard Colors, Add	140.04	
			For Anodized Finish, Add	186.72	
			For Kynar™ Standard Colors Finish, Add	256.74	
08 91 19 00-0023	EA		18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	616.97	58.59
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	49.98	
			For Clear Lacquer Finish, Add	99.96	
			For Baked Enamel Standard Colors, Add	149.94	
			For Anodized Finish, Add	199.92	
			For Kynar™ Standard Colors Finish, Add	274.89	
08 91 19 00-0024	EA		18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	686.90	65.35
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	55.62	
			For Clear Lacquer Finish, Add	111.24	
			For Baked Enamel Standard Colors, Add	166.86	
			For Anodized Finish, Add	222.48	
			For Kynar™ Standard Colors Finish, Add	305.91	
08 91 19 00-0025	EA		18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	737.02	72.11
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	59.28	
			For Clear Lacquer Finish, Add	118.56	
			For Baked Enamel Standard Colors, Add	177.84	
			For Anodized Finish, Add	237.12	
			For Kynar™ Standard Colors Finish, Add	326.04	
08 91 19 00-0026	EA		18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	800.02	76.62
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	64.68	
			For Clear Lacquer Finish, Add	129.36	
			For Baked Enamel Standard Colors, Add	194.04	
			For Anodized Finish, Add	258.72	
			For Kynar™ Standard Colors Finish, Add	355.74	
08 91 19 00-0027	EA		18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	848.64	81.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	68.64	
			For Clear Lacquer Finish, Add	137.28	
			For Baked Enamel Standard Colors, Add	205.92	
			For Anodized Finish, Add	274.56	
			For Kynar™ Standard Colors Finish, Add	377.52	
08 91 19 00-0028	EA		18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	902.65	85.63
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	73.14	
			For Clear Lacquer Finish, Add	146.28	
			For Baked Enamel Standard Colors, Add	219.42	
			For Anodized Finish, Add	292.56	
			For Kynar™ Standard Colors Finish, Add	402.27	
08 91 19 00-0029	EA		18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	959.07	90.13
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	77.88	
			For Clear Lacquer Finish, Add	155.76	
			For Baked Enamel Standard Colors, Add	233.64	
			For Anodized Finish, Add	311.52	
			For Kynar™ Standard Colors Finish, Add	428.34	
08 91 19 00-0030	EA		18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,010.39	96.89
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	81.66	
			For Clear Lacquer Finish, Add	163.32	
			For Baked Enamel Standard Colors, Add	244.98	
			For Anodized Finish, Add	326.64	
			For Kynar™ Standard Colors Finish, Add	449.13	
08 91 19 00-0031	EA		18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,080.30	103.65
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	87.30	
			For Clear Lacquer Finish, Add	174.60	
			For Baked Enamel Standard Colors, Add	261.90	
			For Anodized Finish, Add	349.20	
			For Kynar™ Standard Colors Finish, Add	480.15	
08 91 19 00-0032	EA		24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	299.19	29.30
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	24.06	
			For Clear Lacquer Finish, Add	48.12	
			For Baked Enamel Standard Colors, Add	72.18	
			For Anodized Finish, Add	96.24	
			For Kynar™ Standard Colors Finish, Add	132.33	
08 91 19 00-0033	EA		24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	357.11	36.05
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	28.50	
			For Clear Lacquer Finish, Add	57.00	
			For Baked Enamel Standard Colors, Add	85.50	
			For Anodized Finish, Add	114.00	
			For Kynar™ Standard Colors Finish, Add	156.75	
08 91 19 00-0034	EA		24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	441.43	42.81
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	35.58	
			For Clear Lacquer Finish, Add	71.16	
			For Baked Enamel Standard Colors, Add	106.74	
			For Anodized Finish, Add	142.32	
			For Kynar™ Standard Colors Finish, Add	195.69	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	521.25	51.83
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	41.76	
		For Clear Lacquer Finish, Add	83.52	
		For Baked Enamel Standard Colors, Add	125.28	
		For Anodized Finish, Add	167.04	
		For Kynar™ Standard Colors Finish, Add	229.68	
08 91 19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	595.07	56.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	48.24	
		For Clear Lacquer Finish, Add	96.48	
		For Baked Enamel Standard Colors, Add	144.72	
		For Anodized Finish, Add	192.96	
		For Kynar™ Standard Colors Finish, Add	265.32	
08 91 19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	663.48	60.84
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	54.18	
		For Clear Lacquer Finish, Add	108.36	
		For Baked Enamel Standard Colors, Add	162.54	
		For Anodized Finish, Add	216.72	
		For Kynar™ Standard Colors Finish, Add	297.99	
08 91 19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	722.00	67.60
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	58.68	
		For Clear Lacquer Finish, Add	117.36	
		For Baked Enamel Standard Colors, Add	176.04	
		For Anodized Finish, Add	234.72	
		For Kynar™ Standard Colors Finish, Add	322.74	
08 91 19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	800.02	76.62
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	64.68	
		For Clear Lacquer Finish, Add	129.36	
		For Baked Enamel Standard Colors, Add	194.04	
		For Anodized Finish, Add	258.72	
		For Kynar™ Standard Colors Finish, Add	355.74	
08 91 19 00-0040	EA	24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	851.04	81.12
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	68.88	
		For Clear Lacquer Finish, Add	137.76	
		For Baked Enamel Standard Colors, Add	206.64	
		For Anodized Finish, Add	275.52	
		For Kynar™ Standard Colors Finish, Add	378.84	
08 91 19 00-0041	EA	24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	935.67	90.13
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	75.54	
		For Clear Lacquer Finish, Add	151.08	
		For Baked Enamel Standard Colors, Add	226.62	
		For Anodized Finish, Add	302.16	
		For Kynar™ Standard Colors Finish, Add	415.47	
08 91 19 00-0042	EA	24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	988.48	94.64
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	79.92	
		For Clear Lacquer Finish, Add	159.84	
		For Baked Enamel Standard Colors, Add	239.76	
		For Anodized Finish, Add	319.68	
		For Kynar™ Standard Colors Finish, Add	439.56	
08 91 19 00-0043	EA	24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,056.30	99.14
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	85.80	
		For Clear Lacquer Finish, Add	171.60	
		For Baked Enamel Standard Colors, Add	257.40	
		For Anodized Finish, Add	343.20	
		For Kynar™ Standard Colors Finish, Add	471.90	
08 91 19 00-0044	EA	24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,122.90	103.65
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	91.56	
		For Clear Lacquer Finish, Add	183.12	
		For Baked Enamel Standard Colors, Add	274.68	
		For Anodized Finish, Add	366.24	
		For Kynar™ Standard Colors Finish, Add	503.58	
08 91 19 00-0045	EA	24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,175.42	110.41
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	95.46	
		For Clear Lacquer Finish, Add	190.92	
		For Baked Enamel Standard Colors, Add	286.38	
		For Anodized Finish, Add	381.84	
		For Kynar™ Standard Colors Finish, Add	525.03	
08 91 19 00-0046	EA	24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,259.75	117.17
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	102.54	
		For Clear Lacquer Finish, Add	205.08	
		For Baked Enamel Standard Colors, Add	307.62	
		For Anodized Finish, Add	410.16	
		For Kynar™ Standard Colors Finish, Add	563.97	
08 91 19 00-0047	EA	30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	335.80	33.80
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	26.82	
		For Clear Lacquer Finish, Add	53.64	
		For Baked Enamel Standard Colors, Add	80.46	
		For Anodized Finish, Add	107.28	
		For Kynar™ Standard Colors Finish, Add	147.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0048	EA		30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	435.13	45.06
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	34.50	
			For Clear Lacquer Finish, Add	69.00	
			For Baked Enamel Standard Colors, Add	103.50	
			For Anodized Finish, Add	138.00	
			For Kynar™ Standard Colors Finish, Add	189.75	
08 91 19 00-0049	EA		30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	507.45	51.83
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	40.38	
			For Clear Lacquer Finish, Add	80.76	
			For Baked Enamel Standard Colors, Add	121.14	
			For Anodized Finish, Add	161.52	
			For Kynar™ Standard Colors Finish, Add	222.09	
08 91 19 00-0050	EA		30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	591.17	58.59
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	47.40	
			For Clear Lacquer Finish, Add	94.80	
			For Baked Enamel Standard Colors, Add	142.20	
			For Anodized Finish, Add	189.60	
			For Kynar™ Standard Colors Finish, Add	260.70	
08 91 19 00-0051	EA		30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	679.39	63.09
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	55.32	
			For Clear Lacquer Finish, Add	110.64	
			For Baked Enamel Standard Colors, Add	165.96	
			For Anodized Finish, Add	221.28	
			For Kynar™ Standard Colors Finish, Add	304.26	
08 91 19 00-0052	EA		30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	755.31	69.85
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	61.56	
			For Clear Lacquer Finish, Add	123.12	
			For Baked Enamel Standard Colors, Add	184.68	
			For Anodized Finish, Add	246.24	
			For Kynar™ Standard Colors Finish, Add	338.58	
08 91 19 00-0053	EA		30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	811.71	74.36
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	66.30	
			For Clear Lacquer Finish, Add	132.60	
			For Baked Enamel Standard Colors, Add	198.90	
			For Anodized Finish, Add	265.20	
			For Kynar™ Standard Colors Finish, Add	364.65	
08 91 19 00-0054	EA		30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	891.24	81.12
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	72.90	
			For Clear Lacquer Finish, Add	145.80	
			For Baked Enamel Standard Colors, Add	218.70	
			For Anodized Finish, Add	291.60	
			For Kynar™ Standard Colors Finish, Add	400.95	
08 91 19 00-0055	EA		30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	954.25	85.63
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	78.30	
			For Clear Lacquer Finish, Add	156.60	
			For Baked Enamel Standard Colors, Add	234.90	
			For Anodized Finish, Add	313.20	
			For Kynar™ Standard Colors Finish, Add	430.65	
08 91 19 00-0056	EA		30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,051.48	94.64
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	86.22	
			For Clear Lacquer Finish, Add	172.44	
			For Baked Enamel Standard Colors, Add	258.66	
			For Anodized Finish, Add	344.88	
			For Kynar™ Standard Colors Finish, Add	474.21	
08 91 19 00-0057	EA		30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,114.20	101.40
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	91.14	
			For Clear Lacquer Finish, Add	182.28	
			For Baked Enamel Standard Colors, Add	273.42	
			For Anodized Finish, Add	364.56	
			For Kynar™ Standard Colors Finish, Add	501.27	
08 91 19 00-0058	EA		30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,186.21	105.90
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	97.44	
			For Clear Lacquer Finish, Add	194.88	
			For Baked Enamel Standard Colors, Add	292.32	
			For Anodized Finish, Add	389.76	
			For Kynar™ Standard Colors Finish, Add	535.92	
08 91 19 00-0059	EA		30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	1,257.62	110.41
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	103.68	
			For Clear Lacquer Finish, Add	207.36	
			For Baked Enamel Standard Colors, Add	311.04	
			For Anodized Finish, Add	414.72	
			For Kynar™ Standard Colors Finish, Add	570.24	
08 91 19 00-0060	EA		30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,319.15	117.17
			Note: Includes bird screen. Excludes actuator.		
			For Flange Frame, Add	108.48	
			For Clear Lacquer Finish, Add	216.96	
			For Baked Enamel Standard Colors, Add	325.44	
			For Anodized Finish, Add	433.92	
			For Kynar™ Standard Colors Finish, Add	596.64	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,414.27	123.93
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	116.64	
		For Clear Lacquer Finish, Add	233.28	
		For Baked Enamel Standard Colors, Add	349.92	
		For Anodized Finish, Add	466.56	
		For Kynar™ Standard Colors Finish, Add	641.52	
08 91 19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	373.02	38.30
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	29.64	
		For Clear Lacquer Finish, Add	59.28	
		For Baked Enamel Standard Colors, Add	88.92	
		For Anodized Finish, Add	118.56	
		For Kynar™ Standard Colors Finish, Add	163.02	
08 91 19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	489.14	49.57
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	39.00	
		For Clear Lacquer Finish, Add	78.00	
		For Baked Enamel Standard Colors, Add	117.00	
		For Anodized Finish, Add	156.00	
		For Kynar™ Standard Colors Finish, Add	214.50	
08 91 19 00-0064	EA	36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	565.07	56.33
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	45.24	
		For Clear Lacquer Finish, Add	90.48	
		For Baked Enamel Standard Colors, Add	135.72	
		For Anodized Finish, Add	180.96	
		For Kynar™ Standard Colors Finish, Add	248.82	
08 91 19 00-0065	EA	36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	654.79	63.09
		Note: Includes bird screen. Excludes actuator.		
		For Flange Frame, Add	52.86	
		For Clear Lacquer Finish, Add	105.72	
		For Baked Enamel Standard Colors, Add	158.58	
		For Anodized Finish, Add	211.44	
		For Kynar™ Standard Colors Finish, Add	290.73	
08 91 19 00-0066	EA	36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	754.40	68.50
		Note: Includes bird screen.		
		For Flange Frame, Add	61.74	
		For Clear Lacquer Finish, Add	123.48	
		For Baked Enamel Standard Colors, Add	185.22	
		For Anodized Finish, Add	246.96	
		For Kynar™ Standard Colors Finish, Add	339.57	
08 91 19 00-0067	EA	36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	832.71	74.36
		Note: Includes bird screen.		
		For Flange Frame, Add	68.40	
		For Clear Lacquer Finish, Add	136.80	
		For Baked Enamel Standard Colors, Add	205.20	
		For Anodized Finish, Add	273.60	
		For Kynar™ Standard Colors Finish, Add	376.20	
08 91 19 00-0068	EA	36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	899.93	78.87
		Note: Includes bird screen.		
		For Flange Frame, Add	74.22	
		For Clear Lacquer Finish, Add	148.44	
		For Baked Enamel Standard Colors, Add	222.66	
		For Anodized Finish, Add	296.88	
		For Kynar™ Standard Colors Finish, Add	408.21	
08 91 19 00-0069	EA	36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	990.25	85.63
		Note: Includes bird screen.		
		For Flange Frame, Add	81.90	
		For Clear Lacquer Finish, Add	163.80	
		For Baked Enamel Standard Colors, Add	245.70	
		For Anodized Finish, Add	327.60	
		For Kynar™ Standard Colors Finish, Add	450.45	
08 91 19 00-0070	EA	36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,059.57	92.38
		Note: Includes bird screen.		
		For Flange Frame, Add	87.48	
		For Clear Lacquer Finish, Add	174.96	
		For Baked Enamel Standard Colors, Add	262.44	
		For Anodized Finish, Add	349.92	
		For Kynar™ Standard Colors Finish, Add	481.14	
08 91 19 00-0071	EA	36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,167.30	99.14
		Note: Includes bird screen.		
		For Flange Frame, Add	96.90	
		For Clear Lacquer Finish, Add	193.80	
		For Baked Enamel Standard Colors, Add	290.70	
		For Anodized Finish, Add	387.60	
		For Kynar™ Standard Colors Finish, Add	532.95	
08 91 19 00-0072	EA	36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,239.61	105.90
		Note: Includes bird screen.		
		For Flange Frame, Add	102.78	
		For Clear Lacquer Finish, Add	205.56	
		For Baked Enamel Standard Colors, Add	308.34	
		For Anodized Finish, Add	411.12	
		For Kynar™ Standard Colors Finish, Add	565.29	
08 91 19 00-0073	EA	36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,316.42	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	109.56	
		For Clear Lacquer Finish, Add	219.12	
		For Baked Enamel Standard Colors, Add	328.68	
		For Anodized Finish, Add	438.24	
		For Kynar™ Standard Colors Finish, Add	602.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0074	EA	36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,396.24	114.92
			<i>For Flange Frame, Add</i>	116.64	
			<i>For Clear Lacquer Finish, Add</i>	233.28	
			<i>For Baked Enamel Standard Colors, Add</i>	349.92	
			<i>For Anodized Finish, Add</i>	466.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	641.52	
08 91	19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,466.16	121.68
			<i>For Flange Frame, Add</i>	122.28	
			<i>For Clear Lacquer Finish, Add</i>	244.56	
			<i>For Baked Enamel Standard Colors, Add</i>	366.84	
			<i>For Anodized Finish, Add</i>	489.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	672.54	
08 91	19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,573.28	128.44
			<i>For Flange Frame, Add</i>	131.64	
			<i>For Clear Lacquer Finish, Add</i>	263.28	
			<i>For Baked Enamel Standard Colors, Add</i>	394.92	
			<i>For Anodized Finish, Add</i>	526.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	724.02	
08 91	19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	433.03	42.81
			<i>For Flange Frame, Add</i>	34.74	
			<i>For Clear Lacquer Finish, Add</i>	69.48	
			<i>For Baked Enamel Standard Colors, Add</i>	104.22	
			<i>For Anodized Finish, Add</i>	138.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	191.07	
08 91	19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	531.76	54.08
			<i>For Flange Frame, Add</i>	42.36	
			<i>For Clear Lacquer Finish, Add</i>	84.72	
			<i>For Baked Enamel Standard Colors, Add</i>	127.08	
			<i>For Anodized Finish, Add</i>	169.44	
			<i>For Kynar™ Standard Colors Finish, Add</i>	232.98	
08 91	19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	615.48	60.84
			<i>For Flange Frame, Add</i>	49.38	
			<i>For Clear Lacquer Finish, Add</i>	98.76	
			<i>For Baked Enamel Standard Colors, Add</i>	148.14	
			<i>For Anodized Finish, Add</i>	197.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	271.59	
08 91	19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	719.31	69.85
			<i>For Flange Frame, Add</i>	57.96	
			<i>For Clear Lacquer Finish, Add</i>	115.92	
			<i>For Baked Enamel Standard Colors, Add</i>	173.88	
			<i>For Anodized Finish, Add</i>	231.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	318.78	
08 91	19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	826.71	74.36
			<i>For Flange Frame, Add</i>	67.80	
			<i>For Clear Lacquer Finish, Add</i>	135.60	
			<i>For Baked Enamel Standard Colors, Add</i>	203.40	
			<i>For Anodized Finish, Add</i>	271.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	372.90	
08 91	19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	913.13	78.87
			<i>For Flange Frame, Add</i>	75.54	
			<i>For Clear Lacquer Finish, Add</i>	151.08	
			<i>For Baked Enamel Standard Colors, Add</i>	226.62	
			<i>For Anodized Finish, Add</i>	302.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	415.47	
08 91	19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	988.14	83.38
			<i>For Flange Frame, Add</i>	82.14	
			<i>For Clear Lacquer Finish, Add</i>	164.28	
			<i>For Baked Enamel Standard Colors, Add</i>	246.42	
			<i>For Anodized Finish, Add</i>	328.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	451.77	
08 91	19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,078.47	90.13
			<i>For Flange Frame, Add</i>	89.82	
			<i>For Clear Lacquer Finish, Add</i>	179.64	
			<i>For Baked Enamel Standard Colors, Add</i>	269.46	
			<i>For Anodized Finish, Add</i>	359.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	494.01	
08 91	19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,156.19	96.89
			<i>For Flange Frame, Add</i>	96.24	
			<i>For Clear Lacquer Finish, Add</i>	192.48	
			<i>For Baked Enamel Standard Colors, Add</i>	288.72	
			<i>For Anodized Finish, Add</i>	384.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	529.32	
08 91	19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,275.30	103.65
			<i>For Flange Frame, Add</i>	106.80	
			<i>For Clear Lacquer Finish, Add</i>	213.60	
			<i>For Baked Enamel Standard Colors, Add</i>	320.40	
			<i>For Anodized Finish, Add</i>	427.20	
			<i>For Kynar™ Standard Colors Finish, Add</i>	587.40	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,353.02	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	113.22	
		For Clear Lacquer Finish, Add	226.44	
		For Baked Enamel Standard Colors, Add	339.66	
		For Anodized Finish, Add	452.88	
		For Kynar™ Standard Colors Finish, Add	622.71	
08 91 19 00-0088	EA	42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,439.44	114.92
		Note: Includes bird screen.		
		For Flange Frame, Add	120.96	
		For Clear Lacquer Finish, Add	241.92	
		For Baked Enamel Standard Colors, Add	362.88	
		For Anodized Finish, Add	483.84	
		For Kynar™ Standard Colors Finish, Add	665.28	
08 91 19 00-0089	EA	42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,526.45	119.43
		Note: Includes bird screen.		
		For Flange Frame, Add	128.76	
		For Clear Lacquer Finish, Add	257.52	
		For Baked Enamel Standard Colors, Add	386.28	
		For Anodized Finish, Add	515.04	
		For Kynar™ Standard Colors Finish, Add	708.18	
08 91 19 00-0090	EA	42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,608.38	126.19
		Note: Includes bird screen.		
		For Flange Frame, Add	135.60	
		For Clear Lacquer Finish, Add	271.20	
		For Baked Enamel Standard Colors, Add	406.80	
		For Anodized Finish, Add	542.40	
		For Kynar™ Standard Colors Finish, Add	745.80	
08 91 19 00-0091	EA	42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	1,723.29	132.95
		Note: Includes bird screen.		
		For Flange Frame, Add	145.74	
		For Clear Lacquer Finish, Add	291.48	
		For Baked Enamel Standard Colors, Add	437.22	
		For Anodized Finish, Add	582.96	
		For Kynar™ Standard Colors Finish, Add	801.57	
08 91 19 00-0092	EA	48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	473.84	47.32
		Note: Includes bird screen.		
		For Flange Frame, Add	37.92	
		For Clear Lacquer Finish, Add	75.84	
		For Baked Enamel Standard Colors, Add	113.76	
		For Anodized Finish, Add	151.68	
		For Kynar™ Standard Colors Finish, Add	208.56	
08 91 19 00-0093	EA	48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	580.97	58.59
		Note: Includes bird screen.		
		For Flange Frame, Add	46.38	
		For Clear Lacquer Finish, Add	92.76	
		For Baked Enamel Standard Colors, Add	139.14	
		For Anodized Finish, Add	185.52	
		For Kynar™ Standard Colors Finish, Add	255.09	
08 91 19 00-0094	EA	48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	680.00	67.60
		Note: Includes bird screen.		
		For Flange Frame, Add	54.48	
		For Clear Lacquer Finish, Add	108.96	
		For Baked Enamel Standard Colors, Add	163.44	
		For Anodized Finish, Add	217.92	
		For Kynar™ Standard Colors Finish, Add	299.64	
08 91 19 00-0095	EA	48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	781.11	74.36
		Note: Includes bird screen.		
		For Flange Frame, Add	63.24	
		For Clear Lacquer Finish, Add	126.48	
		For Baked Enamel Standard Colors, Add	189.72	
		For Anodized Finish, Add	252.96	
		For Kynar™ Standard Colors Finish, Add	347.82	
08 91 19 00-0096	EA	48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	903.53	78.87
		Note: Includes bird screen.		
		For Flange Frame, Add	74.58	
		For Clear Lacquer Finish, Add	149.16	
		For Baked Enamel Standard Colors, Add	223.74	
		For Anodized Finish, Add	298.32	
		For Kynar™ Standard Colors Finish, Add	410.19	
08 91 19 00-0097	EA	48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,003.14	83.38
		Note: Includes bird screen.		
		For Flange Frame, Add	83.64	
		For Clear Lacquer Finish, Add	167.28	
		For Baked Enamel Standard Colors, Add	250.92	
		For Anodized Finish, Add	334.56	
		For Kynar™ Standard Colors Finish, Add	460.02	
08 91 19 00-0098	EA	48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,086.87	90.13
		Note: Includes bird screen.		
		For Flange Frame, Add	90.66	
		For Clear Lacquer Finish, Add	181.32	
		For Baked Enamel Standard Colors, Add	271.98	
		For Anodized Finish, Add	362.64	
		For Kynar™ Standard Colors Finish, Add	498.63	
08 91 19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,216.79	96.89
		Note: Includes bird screen.		
		For Flange Frame, Add	102.30	
		For Clear Lacquer Finish, Add	204.60	
		For Baked Enamel Standard Colors, Add	306.90	
		For Anodized Finish, Add	409.20	
		For Kynar™ Standard Colors Finish, Add	562.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,275.30 106.80 213.60 320.40 427.20 587.40	103.65
08 91	19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,402.22 118.14 236.28 354.42 472.56 649.77	110.41
08 91	19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,491.35 125.70 251.40 377.10 502.80 691.35	117.17
08 91	19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,587.36 134.40 268.80 403.20 537.60 739.20	121.68
08 91	19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,683.38 143.10 286.20 429.30 572.40 787.05	126.19
08 91	19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,763.79 150.24 300.48 450.72 600.96 826.32	130.70
08 91	19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,895.50 162.06 324.12 486.18 648.24 891.33	137.46
08 91	19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	525.76 41.76 83.52 125.28 167.04 229.68	54.08
08 91	19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	644.90 51.42 102.84 154.26 205.68 282.81	65.35
08 91	19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	755.02 60.18 120.36 180.54 240.72 330.99	76.62
08 91	19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	861.84 69.96 139.92 209.88 279.84 384.78	81.12
08 91	19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,007.65 83.64 167.28 250.92 334.56 460.02	85.63
08 91	19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,109.67 92.94 185.88 278.82 371.76 511.17	90.13

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,207.19	96.89
		Note: Includes bird screen.		
		For Flange Frame, Add	101.34	
		For Clear Lacquer Finish, Add	202.68	
		For Baked Enamel Standard Colors, Add	304.02	
		For Anodized Finish, Add	405.36	
		For Kynar™ Standard Colors Finish, Add	557.37	
08 91 19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,348.50	103.65
		Note: Includes bird screen.		
		For Flange Frame, Add	114.12	
		For Clear Lacquer Finish, Add	228.24	
		For Baked Enamel Standard Colors, Add	342.36	
		For Anodized Finish, Add	456.48	
		For Kynar™ Standard Colors Finish, Add	627.66	
08 91 19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,449.02	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	122.82	
		For Clear Lacquer Finish, Add	245.64	
		For Baked Enamel Standard Colors, Add	368.46	
		For Anodized Finish, Add	491.28	
		For Kynar™ Standard Colors Finish, Add	675.51	
08 91 19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	1,596.95	117.17
		Note: Includes bird screen.		
		For Flange Frame, Add	136.26	
		For Clear Lacquer Finish, Add	272.52	
		For Baked Enamel Standard Colors, Add	408.78	
		For Anodized Finish, Add	545.04	
		For Kynar™ Standard Colors Finish, Add	749.43	
08 91 19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	1,692.36	121.68
		Note: Includes bird screen.		
		For Flange Frame, Add	144.90	
		For Clear Lacquer Finish, Add	289.80	
		For Baked Enamel Standard Colors, Add	434.70	
		For Anodized Finish, Add	579.60	
		For Kynar™ Standard Colors Finish, Add	796.95	
08 91 19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum	1,800.98	126.19
		Note: Includes bird screen.		
		For Flange Frame, Add	154.86	
		For Clear Lacquer Finish, Add	309.72	
		For Baked Enamel Standard Colors, Add	464.58	
		For Anodized Finish, Add	619.44	
		For Kynar™ Standard Colors Finish, Add	851.73	
08 91 19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum	1,905.39	130.70
		Note: Includes bird screen.		
		For Flange Frame, Add	164.40	
		For Clear Lacquer Finish, Add	328.80	
		For Baked Enamel Standard Colors, Add	493.20	
		For Anodized Finish, Add	657.60	
		For Kynar™ Standard Colors Finish, Add	904.20	
08 91 19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	1,992.40	135.20
		Note: Includes bird screen.		
		For Flange Frame, Add	172.20	
		For Clear Lacquer Finish, Add	344.40	
		For Baked Enamel Standard Colors, Add	516.60	
		For Anodized Finish, Add	688.80	
		For Kynar™ Standard Colors Finish, Add	947.10	
08 91 19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,145.12	141.96
		Note: Includes bird screen.		
		For Flange Frame, Add	186.12	
		For Clear Lacquer Finish, Add	372.24	
		For Baked Enamel Standard Colors, Add	558.36	
		For Anodized Finish, Add	744.48	
		For Kynar™ Standard Colors Finish, Add	1,023.66	
08 91 19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	565.37	58.59
		Note: Includes bird screen.		
		For Flange Frame, Add	44.82	
		For Clear Lacquer Finish, Add	89.64	
		For Baked Enamel Standard Colors, Add	134.46	
		For Anodized Finish, Add	179.28	
		For Kynar™ Standard Colors Finish, Add	246.51	
08 91 19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	697.42	72.11
		Note: Includes bird screen.		
		For Flange Frame, Add	55.32	
		For Clear Lacquer Finish, Add	110.64	
		For Baked Enamel Standard Colors, Add	165.96	
		For Anodized Finish, Add	221.28	
		For Kynar™ Standard Colors Finish, Add	304.26	
08 91 19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	809.04	81.12
		Note: Includes bird screen.		
		For Flange Frame, Add	64.68	
		For Clear Lacquer Finish, Add	129.36	
		For Baked Enamel Standard Colors, Add	194.04	
		For Anodized Finish, Add	258.72	
		For Kynar™ Standard Colors Finish, Add	355.74	
08 91 19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	932.05	85.63
		Note: Includes bird screen.		
		For Flange Frame, Add	76.08	
		For Clear Lacquer Finish, Add	152.16	
		For Baked Enamel Standard Colors, Add	228.24	
		For Anodized Finish, Add	304.32	
		For Kynar™ Standard Colors Finish, Add	418.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,085.37	92.38
			<i>For Flange Frame, Add</i>	90.06	
			<i>For Clear Lacquer Finish, Add</i>	180.12	
			<i>For Baked Enamel Standard Colors, Add</i>	270.18	
			<i>For Anodized Finish, Add</i>	360.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	495.33	
08 91	19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,199.39	96.89
			<i>For Flange Frame, Add</i>	100.56	
			<i>For Clear Lacquer Finish, Add</i>	201.12	
			<i>For Baked Enamel Standard Colors, Add</i>	301.68	
			<i>For Anodized Finish, Add</i>	402.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	553.08	
08 91	19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,301.10	103.65
			<i>For Flange Frame, Add</i>	109.38	
			<i>For Clear Lacquer Finish, Add</i>	218.76	
			<i>For Baked Enamel Standard Colors, Add</i>	328.14	
			<i>For Anodized Finish, Add</i>	437.52	
			<i>For Kynar™ Standard Colors Finish, Add</i>	601.59	
08 91	19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,452.02	110.41
			<i>For Flange Frame, Add</i>	123.12	
			<i>For Clear Lacquer Finish, Add</i>	246.24	
			<i>For Baked Enamel Standard Colors, Add</i>	369.36	
			<i>For Anodized Finish, Add</i>	492.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	677.16	
08 91	19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,559.75	117.17
			<i>For Flange Frame, Add</i>	132.54	
			<i>For Clear Lacquer Finish, Add</i>	265.08	
			<i>For Baked Enamel Standard Colors, Add</i>	397.62	
			<i>For Anodized Finish, Add</i>	530.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	728.97	
08 91	19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,719.67	123.93
			<i>For Flange Frame, Add</i>	147.18	
			<i>For Clear Lacquer Finish, Add</i>	294.36	
			<i>For Baked Enamel Standard Colors, Add</i>	441.54	
			<i>For Anodized Finish, Add</i>	588.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	809.49	
08 91	19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,821.08	128.44
			<i>For Flange Frame, Add</i>	156.42	
			<i>For Clear Lacquer Finish, Add</i>	312.84	
			<i>For Baked Enamel Standard Colors, Add</i>	469.26	
			<i>For Anodized Finish, Add</i>	625.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	860.31	
08 91	19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,936.29	132.95
			<i>For Flange Frame, Add</i>	167.04	
			<i>For Clear Lacquer Finish, Add</i>	334.08	
			<i>For Baked Enamel Standard Colors, Add</i>	501.12	
			<i>For Anodized Finish, Add</i>	668.16	
			<i>For Kynar™ Standard Colors Finish, Add</i>	918.72	
08 91	19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,049.10	137.46
			<i>For Flange Frame, Add</i>	177.42	
			<i>For Clear Lacquer Finish, Add</i>	354.84	
			<i>For Baked Enamel Standard Colors, Add</i>	532.26	
			<i>For Anodized Finish, Add</i>	709.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	975.81	
08 91	19 00-0135	EA	60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,145.12	141.96
			<i>For Flange Frame, Add</i>	186.12	
			<i>For Clear Lacquer Finish, Add</i>	372.24	
			<i>For Baked Enamel Standard Colors, Add</i>	558.36	
			<i>For Anodized Finish, Add</i>	744.48	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,023.66	
08 91	19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,303.53	146.47
			<i>For Flange Frame, Add</i>	201.06	
			<i>For Clear Lacquer Finish, Add</i>	402.12	
			<i>For Baked Enamel Standard Colors, Add</i>	603.18	
			<i>For Anodized Finish, Add</i>	804.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,105.83	
08 91	19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	649.39	63.09
			<i>For Flange Frame, Add</i>	52.32	
			<i>For Clear Lacquer Finish, Add</i>	104.64	
			<i>For Baked Enamel Standard Colors, Add</i>	156.96	
			<i>For Anodized Finish, Add</i>	209.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	287.76	
08 91	19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	802.42	76.62
			<i>For Flange Frame, Add</i>	64.92	
			<i>For Clear Lacquer Finish, Add</i>	129.84	
			<i>For Baked Enamel Standard Colors, Add</i>	194.76	
			<i>For Anodized Finish, Add</i>	259.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	357.06	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 91 19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	935.67	90.13
		Note: Includes bird screen.		
		For Flange Frame, Add	75.54	
		For Clear Lacquer Finish, Add	151.08	
		For Baked Enamel Standard Colors, Add	226.62	
		For Anodized Finish, Add	302.16	
		For Kynar™ Standard Colors Finish, Add	415.47	
08 91 19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,069.48	94.64
		Note: Includes bird screen.		
		For Flange Frame, Add	88.02	
		For Clear Lacquer Finish, Add	176.04	
		For Baked Enamel Standard Colors, Add	264.06	
		For Anodized Finish, Add	352.08	
		For Kynar™ Standard Colors Finish, Add	484.11	
08 91 19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,246.50	99.14
		Note: Includes bird screen.		
		For Flange Frame, Add	104.82	
		For Clear Lacquer Finish, Add	209.64	
		For Baked Enamel Standard Colors, Add	314.46	
		For Anodized Finish, Add	419.28	
		For Kynar™ Standard Colors Finish, Add	576.51	
08 91 19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,370.70	103.65
		Note: Includes bird screen.		
		For Flange Frame, Add	116.34	
		For Clear Lacquer Finish, Add	232.68	
		For Baked Enamel Standard Colors, Add	349.02	
		For Anodized Finish, Add	465.36	
		For Kynar™ Standard Colors Finish, Add	639.87	
08 91 19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,491.62	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	127.08	
		For Clear Lacquer Finish, Add	254.16	
		For Baked Enamel Standard Colors, Add	381.24	
		For Anodized Finish, Add	508.32	
		For Kynar™ Standard Colors Finish, Add	698.94	
08 91 19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,632.95	117.17
		Note: Includes bird screen.		
		For Flange Frame, Add	139.86	
		For Clear Lacquer Finish, Add	279.72	
		For Baked Enamel Standard Colors, Add	419.58	
		For Anodized Finish, Add	559.44	
		For Kynar™ Standard Colors Finish, Add	769.23	
08 91 19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,753.27	123.93
		Note: Includes bird screen.		
		For Flange Frame, Add	150.54	
		For Clear Lacquer Finish, Add	301.08	
		For Baked Enamel Standard Colors, Add	451.62	
		For Anodized Finish, Add	602.16	
		For Kynar™ Standard Colors Finish, Add	827.97	
08 91 19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,937.49	132.95
		Note: Includes bird screen.		
		For Flange Frame, Add	167.16	
		For Clear Lacquer Finish, Add	334.32	
		For Baked Enamel Standard Colors, Add	501.48	
		For Anodized Finish, Add	668.64	
		For Kynar™ Standard Colors Finish, Add	919.38	
08 91 19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,053.61	139.71
		Note: Includes bird screen.		
		For Flange Frame, Add	177.42	
		For Clear Lacquer Finish, Add	354.84	
		For Baked Enamel Standard Colors, Add	532.26	
		For Anodized Finish, Add	709.68	
		For Kynar™ Standard Colors Finish, Add	975.81	
08 91 19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,175.42	144.22
		Note: Includes bird screen.		
		For Flange Frame, Add	188.70	
		For Clear Lacquer Finish, Add	377.40	
		For Baked Enamel Standard Colors, Add	566.10	
		For Anodized Finish, Add	754.80	
		For Kynar™ Standard Colors Finish, Add	1,037.85	
08 91 19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,299.64	148.71
		Note: Includes bird screen.		
		For Flange Frame, Add	200.22	
		For Clear Lacquer Finish, Add	400.44	
		For Baked Enamel Standard Colors, Add	600.66	
		For Anodized Finish, Add	800.88	
		For Kynar™ Standard Colors Finish, Add	1,101.21	
08 91 19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,407.65	153.22
		Note: Includes bird screen.		
		For Flange Frame, Add	210.12	
		For Clear Lacquer Finish, Add	420.24	
		For Baked Enamel Standard Colors, Add	630.36	
		For Anodized Finish, Add	840.48	
		For Kynar™ Standard Colors Finish, Add	1,155.66	
08 91 19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,584.07	157.73
		Note: Includes bird screen.		
		For Flange Frame, Add	226.86	
		For Clear Lacquer Finish, Add	453.72	
		For Baked Enamel Standard Colors, Add	680.58	
		For Anodized Finish, Add	907.44	
		For Kynar™ Standard Colors Finish, Add	1,247.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0152	EA		72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	686.00	67.60
			<i>For Flange Frame, Add</i>	55.08	
			<i>For Clear Lacquer Finish, Add</i>	110.16	
			<i>For Baked Enamel Standard Colors, Add</i>	165.24	
			<i>For Anodized Finish, Add</i>	220.32	
			<i>For Kynar™ Standard Colors Finish, Add</i>	302.94	
08 91 19 00-0153	EA		72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	846.24	81.12
			<i>For Flange Frame, Add</i>	68.40	
			<i>For Clear Lacquer Finish, Add</i>	136.80	
			<i>For Baked Enamel Standard Colors, Add</i>	205.20	
			<i>For Anodized Finish, Add</i>	273.60	
			<i>For Kynar™ Standard Colors Finish, Add</i>	376.20	
08 91 19 00-0154	EA		72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	986.08	94.64
			<i>For Flange Frame, Add</i>	79.68	
			<i>For Clear Lacquer Finish, Add</i>	159.36	
			<i>For Baked Enamel Standard Colors, Add</i>	239.04	
			<i>For Anodized Finish, Add</i>	318.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	438.24	
08 91 19 00-0155	EA		72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,132.20	101.40
			<i>For Flange Frame, Add</i>	92.94	
			<i>For Clear Lacquer Finish, Add</i>	185.88	
			<i>For Baked Enamel Standard Colors, Add</i>	278.82	
			<i>For Anodized Finish, Add</i>	371.76	
			<i>For Kynar™ Standard Colors Finish, Add</i>	511.17	
08 91 19 00-0156	EA		72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,321.81	105.90
			<i>For Flange Frame, Add</i>	111.00	
			<i>For Clear Lacquer Finish, Add</i>	222.00	
			<i>For Baked Enamel Standard Colors, Add</i>	333.00	
			<i>For Anodized Finish, Add</i>	444.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	610.50	
08 91 19 00-0157	EA		72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,452.62	110.41
			<i>For Flange Frame, Add</i>	123.18	
			<i>For Clear Lacquer Finish, Add</i>	246.36	
			<i>For Baked Enamel Standard Colors, Add</i>	369.54	
			<i>For Anodized Finish, Add</i>	492.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	677.49	
08 91 19 00-0158	EA		72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,581.35	117.17
			<i>For Flange Frame, Add</i>	134.70	
			<i>For Clear Lacquer Finish, Add</i>	269.40	
			<i>For Baked Enamel Standard Colors, Add</i>	404.10	
			<i>For Anodized Finish, Add</i>	538.80	
			<i>For Kynar™ Standard Colors Finish, Add</i>	740.85	
08 91 19 00-0159	EA		72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,725.96	121.68
			<i>For Flange Frame, Add</i>	148.26	
			<i>For Clear Lacquer Finish, Add</i>	296.52	
			<i>For Baked Enamel Standard Colors, Add</i>	444.78	
			<i>For Anodized Finish, Add</i>	593.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	815.43	
08 91 19 00-0160	EA		72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,851.68	128.44
			<i>For Flange Frame, Add</i>	159.48	
			<i>For Clear Lacquer Finish, Add</i>	318.96	
			<i>For Baked Enamel Standard Colors, Add</i>	478.44	
			<i>For Anodized Finish, Add</i>	637.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	877.14	
08 91 19 00-0161	EA		72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,053.61	139.71
			<i>For Flange Frame, Add</i>	177.42	
			<i>For Clear Lacquer Finish, Add</i>	354.84	
			<i>For Baked Enamel Standard Colors, Add</i>	532.26	
			<i>For Anodized Finish, Add</i>	709.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	975.81	
08 91 19 00-0162	EA		72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,181.13	146.47
			<i>For Flange Frame, Add</i>	188.82	
			<i>For Clear Lacquer Finish, Add</i>	377.64	
			<i>For Baked Enamel Standard Colors, Add</i>	566.46	
			<i>For Anodized Finish, Add</i>	755.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,038.51	
08 91 19 00-0163	EA		72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,306.55	150.97
			<i>For Flange Frame, Add</i>	200.46	
			<i>For Clear Lacquer Finish, Add</i>	400.92	
			<i>For Baked Enamel Standard Colors, Add</i>	601.38	
			<i>For Anodized Finish, Add</i>	801.84	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,102.53	
08 91 19 00-0164	EA		72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,433.76	155.48
			<i>For Flange Frame, Add</i>	212.28	
			<i>For Clear Lacquer Finish, Add</i>	424.56	
			<i>For Baked Enamel Standard Colors, Add</i>	636.84	
			<i>For Anodized Finish, Add</i>	849.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,167.54	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	2,553.18	159.98
		Note: Includes bird screen.		
		For Flange Frame, Add	223.32	
		For Clear Lacquer Finish, Add	446.64	
		For Baked Enamel Standard Colors, Add	669.96	
		For Anodized Finish, Add	893.28	
		For Kynar™ Standard Colors Finish, Add	1,228.26	
08 91 19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	2,740.98	164.49
		Note: Includes bird screen.		
		For Flange Frame, Add	241.20	
		For Clear Lacquer Finish, Add	482.40	
		For Baked Enamel Standard Colors, Add	723.60	
		For Anodized Finish, Add	964.80	
		For Kynar™ Standard Colors Finish, Add	1,326.60	
08 91 19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	729.82	72.11
		Note: Includes bird screen.		
		For Flange Frame, Add	58.56	
		For Clear Lacquer Finish, Add	117.12	
		For Baked Enamel Standard Colors, Add	175.68	
		For Anodized Finish, Add	234.24	
		For Kynar™ Standard Colors Finish, Add	322.08	
08 91 19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	894.25	85.63
		Note: Includes bird screen.		
		For Flange Frame, Add	72.30	
		For Clear Lacquer Finish, Add	144.60	
		For Baked Enamel Standard Colors, Add	216.90	
		For Anodized Finish, Add	289.20	
		For Kynar™ Standard Colors Finish, Add	397.65	
08 91 19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	1,037.10	99.14
		Note: Includes bird screen.		
		For Flange Frame, Add	83.88	
		For Clear Lacquer Finish, Add	167.76	
		For Baked Enamel Standard Colors, Add	251.64	
		For Anodized Finish, Add	335.52	
		For Kynar™ Standard Colors Finish, Add	461.34	
08 91 19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	1,192.81	105.90
		Note: Includes bird screen.		
		For Flange Frame, Add	98.10	
		For Clear Lacquer Finish, Add	196.20	
		For Baked Enamel Standard Colors, Add	294.30	
		For Anodized Finish, Add	392.40	
		For Kynar™ Standard Colors Finish, Add	539.55	
08 91 19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	1,393.22	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	117.24	
		For Clear Lacquer Finish, Add	234.48	
		For Baked Enamel Standard Colors, Add	351.72	
		For Anodized Finish, Add	468.96	
		For Kynar™ Standard Colors Finish, Add	644.82	
08 91 19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	1,529.44	114.92
		Note: Includes bird screen.		
		For Flange Frame, Add	129.96	
		For Clear Lacquer Finish, Add	259.92	
		For Baked Enamel Standard Colors, Add	389.88	
		For Anodized Finish, Add	519.84	
		For Kynar™ Standard Colors Finish, Add	714.78	
08 91 19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	1,667.16	121.68
		Note: Includes bird screen.		
		For Flange Frame, Add	142.38	
		For Clear Lacquer Finish, Add	284.76	
		For Baked Enamel Standard Colors, Add	427.14	
		For Anodized Finish, Add	569.52	
		For Kynar™ Standard Colors Finish, Add	783.09	
08 91 19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	1,820.18	126.19
		Note: Includes bird screen.		
		For Flange Frame, Add	156.78	
		For Clear Lacquer Finish, Add	313.56	
		For Baked Enamel Standard Colors, Add	470.34	
		For Anodized Finish, Add	627.12	
		For Kynar™ Standard Colors Finish, Add	862.29	
08 91 19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	1,954.89	132.95
		Note: Includes bird screen.		
		For Flange Frame, Add	168.90	
		For Clear Lacquer Finish, Add	337.80	
		For Baked Enamel Standard Colors, Add	506.70	
		For Anodized Finish, Add	675.60	
		For Kynar™ Standard Colors Finish, Add	928.95	
08 91 19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	2,169.42	144.22
		Note: Includes bird screen.		
		For Flange Frame, Add	188.10	
		For Clear Lacquer Finish, Add	376.20	
		For Baked Enamel Standard Colors, Add	564.30	
		For Anodized Finish, Add	752.40	
		For Kynar™ Standard Colors Finish, Add	1,034.55	
08 91 19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum	2,302.95	150.97
		Note: Includes bird screen.		
		For Flange Frame, Add	200.10	
		For Clear Lacquer Finish, Add	400.20	
		For Baked Enamel Standard Colors, Add	600.30	
		For Anodized Finish, Add	800.40	
		For Kynar™ Standard Colors Finish, Add	1,100.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	2,442.47 212.70 425.40 638.10 850.80 1,169.85	157.73
08 91	19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	2,569.67 224.52 449.04 673.56 898.08 1,234.86	162.24
08 91	19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	2,696.89 236.34 472.68 709.02 945.36 1,299.87	166.74
08 91	19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	2,896.70 255.42 510.84 766.26 1,021.68 1,404.81	171.25
08 91	19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	765.82 61.26 122.52 183.78 245.04 336.93	76.62
08 91	19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	936.87 75.66 151.32 226.98 302.64 416.13	90.13
08 91	19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,094.10 88.68 177.36 266.04 354.72 487.74	103.65
08 91	19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,254.62 103.38 206.76 310.14 413.52 568.59	110.41
08 91	19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,467.64 123.78 247.56 371.34 495.12 680.79	114.92
08 91	19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,611.65 137.28 274.56 411.84 549.12 755.04	119.43
08 91	19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,752.38 150.00 300.00 450.00 600.00 825.00	126.19
08 91	19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	1,917.39 165.60 331.20 496.80 662.40 910.80	130.70
08 91	19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. For Flange Frame, Add For Clear Lacquer Finish, Add For Baked Enamel Standard Colors, Add For Anodized Finish, Add For Kynar™ Standard Colors Finish, Add	2,058.70 178.38 356.76 535.14 713.52 981.09	137.46

08 Openings**08 90 Louvers And Vents****08 91 Louvers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 91 19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,285.84	148.71
		Note: Includes bird screen.		
		For Flange Frame, Add	198.84	
		For Clear Lacquer Finish, Add	397.68	
		For Baked Enamel Standard Colors, Add	596.52	
		For Anodized Finish, Add	795.36	
		For Kynar™ Standard Colors Finish, Add	1,093.62	
08 91 19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,424.16	155.48
		Note: Includes bird screen.		
		For Flange Frame, Add	211.32	
		For Clear Lacquer Finish, Add	422.64	
		For Baked Enamel Standard Colors, Add	633.96	
		For Anodized Finish, Add	845.28	
		For Kynar™ Standard Colors Finish, Add	1,162.26	
08 91 19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,575.67	162.24
		Note: Includes bird screen.		
		For Flange Frame, Add	225.12	
		For Clear Lacquer Finish, Add	450.24	
		For Baked Enamel Standard Colors, Add	675.36	
		For Anodized Finish, Add	900.48	
		For Kynar™ Standard Colors Finish, Add	1,238.16	
08 91 19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,736.49	166.74
		Note: Includes bird screen.		
		For Flange Frame, Add	240.30	
		For Clear Lacquer Finish, Add	480.60	
		For Baked Enamel Standard Colors, Add	720.90	
		For Anodized Finish, Add	961.20	
		For Kynar™ Standard Colors Finish, Add	1,321.65	
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,881.70	171.25
		Note: Includes bird screen.		
		For Flange Frame, Add	253.92	
		For Clear Lacquer Finish, Add	507.84	
		For Baked Enamel Standard Colors, Add	761.76	
		For Anodized Finish, Add	1,015.68	
		For Kynar™ Standard Colors Finish, Add	1,396.56	
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,096.52	175.76
		Note: Includes bird screen.		
		For Flange Frame, Add	274.50	
		For Clear Lacquer Finish, Add	549.00	
		For Baked Enamel Standard Colors, Add	823.50	
		For Anodized Finish, Add	1,098.00	
		For Kynar™ Standard Colors Finish, Add	1,509.75	
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	813.54	83.38
		Note: Includes bird screen.		
		For Flange Frame, Add	64.68	
		For Clear Lacquer Finish, Add	129.36	
		For Baked Enamel Standard Colors, Add	194.04	
		For Anodized Finish, Add	258.72	
		For Kynar™ Standard Colors Finish, Add	355.74	
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	986.99	96.89
		Note: Includes bird screen.		
		For Flange Frame, Add	79.32	
		For Clear Lacquer Finish, Add	158.64	
		For Baked Enamel Standard Colors, Add	237.96	
		For Anodized Finish, Add	317.28	
		For Kynar™ Standard Colors Finish, Add	436.26	
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,150.22	110.41
		Note: Includes bird screen.		
		For Flange Frame, Add	92.94	
		For Clear Lacquer Finish, Add	185.88	
		For Baked Enamel Standard Colors, Add	278.82	
		For Anodized Finish, Add	371.76	
		For Kynar™ Standard Colors Finish, Add	511.17	
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,315.55	117.17
		Note: Includes bird screen.		
		For Flange Frame, Add	108.12	
		For Clear Lacquer Finish, Add	216.24	
		For Baked Enamel Standard Colors, Add	324.36	
		For Anodized Finish, Add	432.48	
		For Kynar™ Standard Colors Finish, Add	594.66	
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,542.96	121.68
		Note: Includes bird screen.		
		For Flange Frame, Add	129.96	
		For Clear Lacquer Finish, Add	259.92	
		For Baked Enamel Standard Colors, Add	389.88	
		For Anodized Finish, Add	519.84	
		For Kynar™ Standard Colors Finish, Add	714.78	
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,691.78	126.19
		Note: Includes bird screen.		
		For Flange Frame, Add	143.94	
		For Clear Lacquer Finish, Add	287.88	
		For Baked Enamel Standard Colors, Add	431.82	
		For Anodized Finish, Add	575.76	
		For Kynar™ Standard Colors Finish, Add	791.67	
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,833.99	130.70
		Note: Includes bird screen.		
		For Flange Frame, Add	157.26	
		For Clear Lacquer Finish, Add	314.52	
		For Baked Enamel Standard Colors, Add	471.78	
		For Anodized Finish, Add	629.04	
		For Kynar™ Standard Colors Finish, Add	864.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0204	EA		90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,008.00	135.20
			<i>For Flange Frame, Add</i>	173.76	
			<i>For Clear Lacquer Finish, Add</i>	347.52	
			<i>For Baked Enamel Standard Colors, Add</i>	521.28	
			<i>For Anodized Finish, Add</i>	695.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	955.68	
08 91 19 00-0205	EA		90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,156.52	141.96
			<i>For Flange Frame, Add</i>	187.26	
			<i>For Clear Lacquer Finish, Add</i>	374.52	
			<i>For Baked Enamel Standard Colors, Add</i>	561.78	
			<i>For Anodized Finish, Add</i>	749.04	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,029.93	
08 91 19 00-0206	EA		90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,396.25	153.22
			<i>For Flange Frame, Add</i>	208.98	
			<i>For Clear Lacquer Finish, Add</i>	417.96	
			<i>For Baked Enamel Standard Colors, Add</i>	626.94	
			<i>For Anodized Finish, Add</i>	835.92	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,149.39	
08 91 19 00-0207	EA		90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,540.58	159.98
			<i>For Flange Frame, Add</i>	222.06	
			<i>For Clear Lacquer Finish, Add</i>	444.12	
			<i>For Baked Enamel Standard Colors, Add</i>	666.18	
			<i>For Anodized Finish, Add</i>	888.24	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,221.33	
08 91 19 00-0208	EA		90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,705.29	166.74
			<i>For Flange Frame, Add</i>	237.18	
			<i>For Clear Lacquer Finish, Add</i>	474.36	
			<i>For Baked Enamel Standard Colors, Add</i>	711.54	
			<i>For Anodized Finish, Add</i>	948.72	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,304.49	
08 91 19 00-0209	EA		90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,875.70	171.25
			<i>For Flange Frame, Add</i>	253.32	
			<i>For Clear Lacquer Finish, Add</i>	506.64	
			<i>For Baked Enamel Standard Colors, Add</i>	759.96	
			<i>For Anodized Finish, Add</i>	1,013.28	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,393.26	
08 91 19 00-0210	EA		90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,021.83	178.01
			<i>For Flange Frame, Add</i>	266.58	
			<i>For Clear Lacquer Finish, Add</i>	533.16	
			<i>For Baked Enamel Standard Colors, Add</i>	799.74	
			<i>For Anodized Finish, Add</i>	1,066.32	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,466.19	
08 91 19 00-0211	EA		90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,249.24	182.52
			<i>For Flange Frame, Add</i>	288.42	
			<i>For Clear Lacquer Finish, Add</i>	576.84	
			<i>For Baked Enamel Standard Colors, Add</i>	865.26	
			<i>For Anodized Finish, Add</i>	1,153.68	
			<i>For Kynar™ Standard Colors Finish, Add</i>	1,586.31	
08 91 19 00-0212	EA		96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	855.27	90.13
			<i>For Flange Frame, Add</i>	67.50	
			<i>For Clear Lacquer Finish, Add</i>	135.00	
			<i>For Baked Enamel Standard Colors, Add</i>	202.50	
			<i>For Anodized Finish, Add</i>	270.00	
			<i>For Kynar™ Standard Colors Finish, Add</i>	371.25	
08 91 19 00-0213	EA		96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,034.70	103.65
			<i>For Flange Frame, Add</i>	82.74	
			<i>For Clear Lacquer Finish, Add</i>	165.48	
			<i>For Baked Enamel Standard Colors, Add</i>	248.22	
			<i>For Anodized Finish, Add</i>	330.96	
			<i>For Kynar™ Standard Colors Finish, Add</i>	455.07	
08 91 19 00-0214	EA		96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,205.75	117.17
			<i>For Flange Frame, Add</i>	97.14	
			<i>For Clear Lacquer Finish, Add</i>	194.28	
			<i>For Baked Enamel Standard Colors, Add</i>	291.42	
			<i>For Anodized Finish, Add</i>	388.56	
			<i>For Kynar™ Standard Colors Finish, Add</i>	534.27	
08 91 19 00-0215	EA		96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,380.07	123.93
			<i>For Flange Frame, Add</i>	113.22	
			<i>For Clear Lacquer Finish, Add</i>	226.44	
			<i>For Baked Enamel Standard Colors, Add</i>	339.66	
			<i>For Anodized Finish, Add</i>	452.88	
			<i>For Kynar™ Standard Colors Finish, Add</i>	622.71	
08 91 19 00-0216	EA		96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,614.68	128.44
			<i>For Flange Frame, Add</i>	135.78	
			<i>For Clear Lacquer Finish, Add</i>	271.56	
			<i>For Baked Enamel Standard Colors, Add</i>	407.34	
			<i>For Anodized Finish, Add</i>	543.12	
			<i>For Kynar™ Standard Colors Finish, Add</i>	746.79	

08 Openings
08 90 Louvers And Vents
08 91 Louvers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0217	EA	96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,788.09	132.95
		Note: Includes bird screen.		
		For Flange Frame, Add	152.22	
		For Clear Lacquer Finish, Add	304.44	
		For Baked Enamel Standard Colors, Add	456.66	
		For Anodized Finish, Add	608.88	
		For Kynar™ Standard Colors Finish, Add	837.21	
08 91 19 00-0218	EA	96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,939.30	137.46
		Note: Includes bird screen.		
		For Flange Frame, Add	166.44	
		For Clear Lacquer Finish, Add	332.88	
		For Baked Enamel Standard Colors, Add	499.32	
		For Anodized Finish, Add	665.76	
		For Kynar™ Standard Colors Finish, Add	915.42	
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,104.92	141.96
		Note: Includes bird screen.		
		For Flange Frame, Add	182.10	
		For Clear Lacquer Finish, Add	364.20	
		For Baked Enamel Standard Colors, Add	546.30	
		For Anodized Finish, Add	728.40	
		For Kynar™ Standard Colors Finish, Add	1,001.55	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,258.53	146.47
		Note: Includes bird screen.		
		For Flange Frame, Add	196.56	
		For Clear Lacquer Finish, Add	393.12	
		For Baked Enamel Standard Colors, Add	589.68	
		For Anodized Finish, Add	786.24	
		For Kynar™ Standard Colors Finish, Add	1,081.08	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,515.67	157.73
		Note: Includes bird screen.		
		For Flange Frame, Add	220.02	
		For Clear Lacquer Finish, Add	440.04	
		For Baked Enamel Standard Colors, Add	660.06	
		For Anodized Finish, Add	880.08	
		For Kynar™ Standard Colors Finish, Add	1,210.11	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,019.18	164.49
		Note: Includes bird screen.		
		For Flange Frame, Add	169.02	
		For Clear Lacquer Finish, Add	338.04	
		For Baked Enamel Standard Colors, Add	507.06	
		For Anodized Finish, Add	676.08	
		For Kynar™ Standard Colors Finish, Add	929.61	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,833.10	171.25
		Note: Includes bird screen.		
		For Flange Frame, Add	249.06	
		For Clear Lacquer Finish, Add	498.12	
		For Baked Enamel Standard Colors, Add	747.18	
		For Anodized Finish, Add	996.24	
		For Kynar™ Standard Colors Finish, Add	1,369.83	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	3,009.52	175.76
		Note: Includes bird screen.		
		For Flange Frame, Add	265.80	
		For Clear Lacquer Finish, Add	531.60	
		For Baked Enamel Standard Colors, Add	797.40	
		For Anodized Finish, Add	1,063.20	
		For Kynar™ Standard Colors Finish, Add	1,461.90	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,162.84	182.52
		Note: Includes bird screen.		
		For Flange Frame, Add	279.78	
		For Clear Lacquer Finish, Add	559.56	
		For Baked Enamel Standard Colors, Add	839.34	
		For Anodized Finish, Add	1,119.12	
		For Kynar™ Standard Colors Finish, Add	1,538.79	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,408.56	189.28
		Note: Includes bird screen.		
		For Flange Frame, Add	303.00	
		For Clear Lacquer Finish, Add	606.00	
		For Baked Enamel Standard Colors, Add	909.00	
		For Anodized Finish, Add	1,212.00	
		For Kynar™ Standard Colors Finish, Add	1,666.50	

08 91 19 00-0227		Gable Louver Vents <small>(08 91 19)</small>		
		Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228		Aluminum Gable Louver Vents <small>(08 91 19 00-0227)</small>		
		Note: Includes screen.		
08 91 19 00-0229		Rectangular Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>		
		Note: Includes screen.		
08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	140.60	7.52
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	154.05	8.63
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	177.61	9.75
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	194.60	10.37
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	221.68	10.98
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	248.47	13.16
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	288.67	16.45
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	322.17	19.20
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	369.06	23.05
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	462.83	30.72

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

08 91 19 00-0240	Square Aluminum Gable Louver Vents (08 91 19 00-0228)				
Note: Includes screen.					
08 91 19 00-0241	EA		12" x 12" Square Fixed Aluminum Gable Louver Vent	128.71	6.92
08 91 19 00-0242	EA		18" x 18" Square Fixed Aluminum Gable Louver Vent	159.52	8.78
08 91 19 00-0243	EA		24" x 24" Square Fixed Aluminum Gable Louver Vent	199.64	10.36
08 91 19 00-0244	EA		30" x 30" Square Fixed Aluminum Gable Louver Vent	255.17	13.72
08 91 19 00-0245	EA		36" x 36" Square Fixed Aluminum Gable Louver Vent	328.87	19.75
08 91 19 00-0246	EA		42" x 42" Square Fixed Aluminum Gable Louver Vent	415.88	26.87
08 91 19 00-0247	EA		48" x 48" Square Fixed Aluminum Gable Louver Vent	516.44	35.11

08 91 19 00-0248	Round Aluminum Gable Louver Vents (08 91 19 00-0228)				
Note: Includes screen.					
08 91 19 00-0249	EA		12" Diameter Round Fixed Aluminum Gable Louver Vent.....	128.71	6.92
08 91 19 00-0250	EA		18" Diameter Round Fixed Aluminum Gable Louver Vent.....	159.52	8.78
08 91 19 00-0251	EA		24" Diameter Round Fixed Aluminum Gable Louver Vent.....	199.64	10.36
08 91 19 00-0252	EA		30" Diameter Round Fixed Aluminum Gable Louver Vent.....	255.17	13.72
08 91 19 00-0253	EA		36" Diameter Round Fixed Aluminum Gable Louver Vent.....	328.87	19.75
08 91 19 00-0254	EA		42" Diameter Round Fixed Aluminum Gable Louver Vent.....	415.94	26.88

08 91 19 00-0255	Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228)				
Note: Includes screen.					
08 91 19 00-0256	EA		12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	128.71	6.92
08 91 19 00-0257	EA		12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	140.60	7.52
08 91 19 00-0258	EA		12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	154.05	8.63
08 91 19 00-0259	EA		18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	159.52	8.78
08 91 19 00-0260	EA		18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	177.61	9.75
08 91 19 00-0261	EA		18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	194.60	10.37
08 91 19 00-0262	EA		24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	199.64	10.36
08 91 19 00-0263	EA		24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	221.68	10.98
08 91 19 00-0264	EA		24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	248.47	13.16
08 91 19 00-0265	EA		30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	255.17	13.72
08 91 19 00-0266	EA		30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	288.67	16.45
08 91 19 00-0267	EA		30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	322.17	19.20
08 91 19 00-0268	EA		36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	328.87	19.75
08 91 19 00-0269	EA		36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	369.06	23.05
08 91 19 00-0270	EA		36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	409.25	26.34
08 91 19 00-0271	EA		42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	415.94	26.88
08 91 19 00-0272	EA		42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	462.83	30.72
08 91 19 00-0273	EA		48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	516.44	35.11

08 91 19 00-0274	Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)				
Note: Includes screen.					
08 91 19 00-0275	EA		12" x 12" Round Top Fixed Aluminum Gable Louver Vent	128.71	6.92
08 91 19 00-0276	EA		12" x 18" Round Top Fixed Aluminum Gable Louver Vent	140.60	7.52
08 91 19 00-0277	EA		12" x 24" Round Top Fixed Aluminum Gable Louver Vent	154.05	8.63
08 91 19 00-0278	EA		18" x 18" Round Top Fixed Aluminum Gable Louver Vent	159.52	8.78
08 91 19 00-0279	EA		18" x 24" Round Top Fixed Aluminum Gable Louver Vent	177.61	9.75
08 91 19 00-0280	EA		18" x 30" Round Top Fixed Aluminum Gable Louver Vent	194.60	10.37
08 91 19 00-0281	EA		24" x 24" Round Top Fixed Aluminum Gable Louver Vent	199.64	10.36
08 91 19 00-0282	EA		24" x 30" Round Top Fixed Aluminum Gable Louver Vent	221.68	10.98
08 91 19 00-0283	EA		24" x 36" Round Top Fixed Aluminum Gable Louver Vent	248.47	13.16
08 91 19 00-0284	EA		30" x 30" Round Top Fixed Aluminum Gable Louver Vent	255.17	13.72
08 91 19 00-0285	EA		30" x 36" Round Top Fixed Aluminum Gable Louver Vent	288.67	16.45
08 91 19 00-0286	EA		30" x 42" Round Top Fixed Aluminum Gable Louver Vent	322.17	19.20
08 91 19 00-0287	EA		36" x 36" Round Top Fixed Aluminum Gable Louver Vent	328.87	19.75
08 91 19 00-0288	EA		36" x 42" Round Top Fixed Aluminum Gable Louver Vent	369.06	23.05
08 91 19 00-0289	EA		36" x 48" Round Top Fixed Aluminum Gable Louver Vent	409.25	26.34
08 91 19 00-0290	EA		42" x 42" Round Top Fixed Aluminum Gable Louver Vent	415.94	26.88
08 91 19 00-0291	EA		42" x 48" Round Top Fixed Aluminum Gable Louver Vent	462.83	30.72
08 91 19 00-0292	EA		48" x 48" Round Top Fixed Aluminum Gable Louver Vent	516.44	35.11

08 91 19 00-0293	Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)				
Note: Includes screen.					
08 91 19 00-0294	EA		36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	265.18	8.63
08 91 19 00-0295	EA		36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	300.67	10.36
08 91 19 00-0296	EA		48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	322.71	10.98
08 91 19 00-0297	EA		48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	369.70	13.16
08 91 19 00-0298	EA		48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	411.76	13.72
08 91 19 00-0299	EA		60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	339.18	16.45
08 91 19 00-0300	EA		60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	397.94	19.20
08 91 19 00-0301	EA		60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	450.10	19.75
08 91 19 00-0302	EA		60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	510.49	23.05
08 91 19 00-0303	EA		72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	409.25	26.34
08 91 19 00-0304	EA		72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	471.51	26.88
08 91 19 00-0305	EA		72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	543.66	30.72
08 91 19 00-0306	EA		72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	617.46	35.11
08 91 19 00-0307	EA		72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	693.80	40.36

08 91 19 00-0308	Vinyl Gable Louver Vents (08 91 19 00-0227)				
Note: Includes screen.					

08 Openings**08 90 Louvers And Vents****08 91 Louvers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent.....	44.13	6.92
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	52.92	7.52
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	71.98	9.75
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	97.46	10.98
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent.....	69.37	8.78
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent.....	80.27	10.36
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent.....	112.75	13.72
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent.....	164.65	19.75
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	69.37	8.78
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	78.45	9.75
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	100.44	10.98
08 91 19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	143.04	16.45
08 91 19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	333.90	26.34
08 91 19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	68.00	8.63
08 91 19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	94.27	10.98
08 91 19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	98.52	13.16
08 91 19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	219.55	16.45
08 91 19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	219.55	16.45
08 91 19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	219.55	16.45
08 91 19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	219.55	16.45
08 91 19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	219.55	16.45
08 91 19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	249.21	26.34
08 91 19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	249.21	26.34
08 91 19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	249.21	26.34
08 91 19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	249.21	26.34

08 95 Vents (08 90)**08 95 13 Soffit Vents** (08 95)**08 95 13 00-0001 Aluminum Soffit Vents** (08 95 13)

08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	5.01	2.07
08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	9.54	4.05
08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish.....	13.97	5.41
08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish.....	14.22	5.41

08 95 13 00-0006 Vinyl Soffit Vents (08 95 13)

08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	4.25	1.84
		<i>For Colors, Add</i>	0.06	
08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	4.33	1.84
		<i>For Colors, Add</i>	0.07	

08 95 16 Wall Vents (08 95)**08 95 16 00-0001 Foundation Vents** (08 95 16)

08 95 16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.41	0.15
08 95 16 00-0003	SI	Aluminum Foundation Vent.....	0.42	0.15
08 95 16 00-0004	SI	Stainless Steel Foundation Vent.....	0.96	0.15
08 95 16 00-0005	SI	Plastic Foundation Vent.....	0.31	0.15

END OF SECTION 08

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

09 Finishes

09 01 Maintenance Of Finishes (09)

09 01 20 Maintenance Of Plaster And Gypsum Board (09 01)

09 01 20 00-0001	Cut And Patch Hole In Drywall To Match Existing <small>(09 01 20)</small> <small>Note: Includes cutting of existing gypsum board, cutting new board to fit opening, finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 16 SF.</small>		
09 01 20 00-0002	SF Up To 2 SF, Cut And Patch Hole In Drywall To Match Existing <small>Note: Per location.</small>		14.48
09 01 20 00-0003	SF >2 To 4 SF, Cut And Patch Hole In Drywall To Match Existing <small>Note: Per location.</small>		11.70
09 01 20 00-0004	SF >4 To 8 SF, Cut And Patch Hole In Drywall To Match Existing <small>Note: Per location.</small>		10.51
09 01 20 00-0005	SF >8 To 16 SF, Cut And Patch Hole In Drywall To Match Existing <small>Note: Per location.</small>		9.27

09 01 20 00-0006 Plaster/Stucco Repair (09 01 20)

Note: Per location.

09 01 20 00-0007	Clean And Repair Crack In Plaster/Stucco <small>(09 01 20 00-0006)</small> <small>Note: Includes plaster weld.</small>		
09 01 20 00-0008	LF Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco		14.04
09 01 20 00-0009	LF >10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco		11.25
09 01 20 00-0010	LF >50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco		9.17
09 01 20 00-0011	LF >100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco		7.09
09 01 20 00-0012	LF >250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco		5.69
09 01 20 00-0013	LF >500', Chip, Clean And Repair Crack In Plaster/Stucco		4.31

09 01 20 00-0014 Cut And Patch Hole In Plaster To Match Existing (09 01 20 00-0006)

Note: Includes plaster weld.

09 01 20 00-0015	SF Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing		13.21
09 01 20 00-0016	SF >10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing		11.66
09 01 20 00-0017	SF >50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing		10.72
09 01 20 00-0018	SF >100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing		9.94
09 01 20 00-0019	SF >250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing		9.27
09 01 20 00-0020	SF >500 SF, Cut And Patch Hole In Plaster To Match Existing		8.51

09 01 20 00-0021 Chip, Clean And Repair Plaster/Stucco (09 01 20 00-0006)

Note: Includes plaster weld.

09 01 20 00-0022	SF Up To 10 SF, Chip, Clean And Repair Plaster/Stucco		25.13
09 01 20 00-0023	SF >10 To 50 SF, Chip, Clean And Repair Plaster/Stucco		18.17
09 01 20 00-0024	SF >50 To 250 SF, Chip, Clean And Repair Plaster/Stucco		13.31
09 01 20 00-0025	SF >250 SF, Chip, Clean And Repair Plaster/Stucco		10.53

09 01 30 Maintenance of Tiling (09 01)

09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF RegROUT Floor Tile Including Removal Of Loose Grout		5.62
09 01 30 91-0002	SF RegROUT Wall Tile Including Removal Of Loose Grout		7.02
09 01 30 91-0003	SF Up To 1 SF, Cut And Patch Hole In Tile To Match Existing <small>Note: Per location.</small>		36.12

09 01 60 Maintenance Of Flooring (09 01)

09 01 60 00-0001 Grinding, Polishing And Sealing Terrazzo (09 01 60)

09 01 60 00-0002	CSF Grinding, Polishing And Sealing Existing Terrazzo		258.38
09 01 60 00-0003	SF Remove Setting Bed And Clean Area For Terrazzo Repair		3.89
09 01 60 00-0004	SF Repair Existing Terrazzo		18.75
09 01 60 00-0005	LF Repair Cracks In Existing Terrazzo		4.10

09 01 60 00-0006 Standard Flooring Maintenance (09 01 60)

09 01 60 00-0007	CSF Steam Clean Carpet		16.75
09 01 60 00-0008	CSF Wax And Polish Tile <i>For Additional Coat, Add</i>	30.65	
09 01 60 00-0009	CSF Wax And Polish Wood <i>For Additional Coat, Add</i>	18.04	20.90
09 01 60 00-0010	MSF Vacuum Floors		19.81

09 01 60 00-0011 Prepare Existing Concrete Floor Prior To Installation Of Carpet (09 01 60)

09 01 60 00-0012	SY Grinding Of Existing Concrete Floor Prior To Installation Of Carpet		11.67
09 01 60 00-0013	SY Chemical Prepare Existing Concrete Floor Prior To Installation Of Carpet		6.43

09 01 60 00-0014 Masonry/Tile/Stone/Terrazzo Floor Sealants (09 01 60)

09 Finishes
09 01 Maintenance Of Finishes
09 01 60 Maintenance Of Flooring

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 01 60 00-0015	SF	Water-Based Emulsion Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat..... Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.	1.00	
09 01 60 00-0016	SF	Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.10	
09 01 60 00-0017	GAL	Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	36.12	
09 01 60 00-0018 Double Stick Tape (09 01 60)				
09 01 60 00-0019	SF	Double Stick Tape; DryFix Tape	2.59	

09 05 Common Work Results For Finishes (09)

09 05 61 Common Work Results for Flooring Preparation (09 05)

09 05 61 13 Moisture Vapor Emission Control (09 05 61)

09 05 61 13-0001 Moisture Vapor Reduction (Koester VAP) (09 05 61 13)

09 05 61 13-0002	EA	Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000)..... Note: Clear	1,862.24	
09 05 61 13-0003	SF	>200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001)	9.86	
09 05 61 13-0004	SF	>500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002)	6.58	
09 05 61 13-0005	SF	>1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003)	5.47	
09 05 61 13-0006	SF	>3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004)	4.39	

09 05 61 13-0007 Moisture Vapor Transmission Control (Dependable Cutdown® II) (09 05 61 13)

09 05 61 13-0008	SF	8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	2.83	
09 05 61 13-0009	SF	15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	3.73	

09 05 71 Acoustic Underlayment (09 05)

09 05 71 00-0001 Tile And Stone Acoustical Underlayment (09 05 71)

09 05 71 00-0002	SF	5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	2.55	
		<i>For Chemical Resistant Epoxy Grout, Add</i>		0.36

09 05 71 00-0003 Resilient Floor Acoustical Underlayment (09 05 71)

09 05 71 00-0004	SF	Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	1.96	
09 05 71 00-0005	SF	2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler).....	1.23	
09 05 71 00-0006	SF	0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.55	

09 20 Plaster And Gypsum Board (09)

09 22 Supports For Plaster And Gypsum Board (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring (09 22)

09 22 13 00-0001 Hat Furring Channel (09 22 13)

Note: Includes clips where required.

09 22 13 00-0002 Installed On Walls, Hat Furring Channel (09 22 13 00-0001)

09 22 13 00-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.01	1.25
		<i>For Walls >10' High, Add</i>	0.38	
		<i>For 24" On Center, Deduct</i>	-0.35	
		<i>For 12" On Center, Add</i>	0.48	
		<i>For 22 Gauge, Add</i>	0.44	
		<i>For 20 Gauge, Add</i>	0.71	
09 22 13 00-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	3.21	1.25
		<i>For Walls >10' High, Add</i>	0.38	
		<i>For 24" On Center, Deduct</i>	-0.39	
		<i>For 12" On Center, Add</i>	0.52	
		<i>For 22 Gauge, Add</i>	0.54	
		<i>For 20 Gauge, Add</i>	0.84	

09 22 13 00-0005 Installed On Columns And Beams, Hat Furring Channel (09 22 13 00-0001)

09 22 13 00-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	4.36	1.92
		<i>For Columns And Beams >10' High, Add</i>	0.77	
		<i>For 24" On Center, Deduct</i>	-0.49	
		<i>For 12" On Center, Add</i>	0.68	
		<i>For 22 Gauge, Add</i>	0.54	
		<i>For 20 Gauge, Add</i>	0.91	
09 22 13 00-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	4.56	1.92
		<i>For Columns And Beams >10' High, Add</i>	0.77	
		<i>For 24" On Center, Deduct</i>	-0.53	
		<i>For 12" On Center, Add</i>	0.72	
		<i>For 22 Gauge, Add</i>	0.64	
		<i>For 20 Gauge, Add</i>	1.05	

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

09 22 13 00-0008				Installed On Ceilings, Hat Furring Channel <small>(09 22 13 00-0001)</small>		
09 22 13 00-0009	SF			7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	3.93	1.54
				For Ceilings >10' High, Add	0.46	
				For 24" On Center, Deduct	-0.48	
				For 12" On Center, Add	0.63	
				For 22 Gauge, Add	0.66	
				For 20 Gauge, Add	1.02	
09 22 13 00-0010	SF			1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	4.13	1.54
				For Ceilings >10' High, Add	0.46	
				For 24" On Center, Deduct	-0.52	
				For 12" On Center, Add	0.67	
				For 22 Gauge, Add	0.76	
				For 20 Gauge, Add	1.16	
09 22 13 00-0011				Z Furring Channel <small>(09 22 13)</small>		
09 22 13 00-0012				Installed On Walls, Z Furring Channel <small>(09 22 13 00-0011)</small>		
09 22 13 00-0013	SF			1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.66	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.28	
				For 12" On Center, Add	0.41	
				For 22 Gauge, Add	0.27	
				For 20 Gauge, Add	0.48	
09 22 13 00-0014	SF			1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.69	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.29	
				For 12" On Center, Add	0.41	
				For 22 Gauge, Add	0.28	
				For 20 Gauge, Add	0.50	
09 22 13 00-0015	SF			2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.72	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.29	
				For 12" On Center, Add	0.42	
				For 22 Gauge, Add	0.30	
				For 20 Gauge, Add	0.52	
09 22 13 00-0016	SF			2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.74	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.30	
				For 12" On Center, Add	0.42	
				For 22 Gauge, Add	0.31	
				For 20 Gauge, Add	0.53	
09 22 13 00-0017	SF			3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	2.76	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.30	
				For 12" On Center, Add	0.43	
				For 22 Gauge, Add	0.32	
				For 20 Gauge, Add	0.55	
09 22 13 00-0018				Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13)</small>		
				Note: Includes clips where required.		
09 22 13 00-0019				Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 00-0018)</small>		
09 22 13 00-0020	SF			25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	2.83	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.32	
				For 12" On Center, Add	0.44	
				For 20 Gauge, Add	0.59	
09 22 13 00-0021				Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 00-0018)</small>		
09 22 13 00-0022	SF			25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	3.41	1.54
				For Ceilings >10' High, Add	0.46	
				For 24" On Center, Deduct	-0.37	
				For 12" On Center, Add	0.53	
				For 20 Gauge, Add	0.68	
09 22 13 00-0023				Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13)</small>		
				Note: Includes clips where required.		
09 22 13 00-0024				Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 00-0023)</small>		
09 22 13 00-0025	SF			25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	2.96	1.25
				For Walls >10' High, Add	0.38	
				For 24" On Center, Deduct	-0.34	
				For 12" On Center, Add	0.47	
				For 20 Gauge, Add	0.68	
09 22 13 00-0026				Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 00-0023)</small>		
09 22 13 00-0027	SF			25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	3.54	1.54
				For Ceilings >10' High, Add	0.46	
				For 24" On Center, Deduct	-0.40	
				For 12" On Center, Add	0.55	
				For 20 Gauge, Add	0.77	

09 Finishes
09 20 Plaster And Gypsum Board
09 22 Supports For Plaster And Gypsum Board

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 22 16 Non-Structural Metal Framing (09 22)

Note: Includes all necessary framing studs, bridging, fasteners necessary to attach to floors, walls, ceilings and a metal stiffener at half height. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.

09 22 16 13 Non-Structural Metal Stud Framing (09 22 16)

09 22 16 13-0001 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners (09 22 16 13)

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	1.86	0.52
		<i>For Walls >10' High, Add</i>	0.37	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.23	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.62	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.38	
		<i>For Horizontal Installation >10' High, Add</i>	0.51	
		<i>For Curved Wall, Add</i>	0.39	
		<i>For 12" On Center, Add</i>	0.31	
		<i>For 24" On Center, Deduct</i>	-0.31	
		<i>For Up To 200, Add</i>	0.63	
		<i>For >200 To 500, Add</i>	0.32	

09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	1.98	0.54
		<i>For Walls >10' High, Add</i>	0.40	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.29	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.71	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.40	
		<i>For Horizontal Installation >10' High, Add</i>	0.54	
		<i>For Curved Wall, Add</i>	0.41	
		<i>For 12" On Center, Add</i>	0.33	
		<i>For 24" On Center, Deduct</i>	-0.33	
		<i>For Up To 200, Add</i>	0.67	
		<i>For >200 To 500, Add</i>	0.34	

09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.15	0.57
		<i>For Walls >10' High, Add</i>	0.43	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.36	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.79	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.43	
		<i>For Horizontal Installation >10' High, Add</i>	0.57	
		<i>For Curved Wall, Add</i>	0.43	
		<i>For 12" On Center, Add</i>	0.36	
		<i>For 24" On Center, Deduct</i>	-0.36	
		<i>For Up To 200, Add</i>	0.72	
		<i>For >200 To 500, Add</i>	0.36	

09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.30	0.60
		<i>For Walls >10' High, Add</i>	0.46	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.43	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.88	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.46	
		<i>For Horizontal Installation >10' High, Add</i>	0.61	
		<i>For Curved Wall, Add</i>	0.45	
		<i>For 12" On Center, Add</i>	0.39	
		<i>For 24" On Center, Deduct</i>	-0.39	
		<i>For Up To 200, Add</i>	0.76	
		<i>For >200 To 500, Add</i>	0.38	

09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.56	0.63
		<i>For Walls >10' High, Add</i>	0.51	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.52	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.99	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.49	
		<i>For Horizontal Installation >10' High, Add</i>	0.65	
		<i>For Curved Wall, Add</i>	0.47	
		<i>For 12" On Center, Add</i>	0.43	
		<i>For 24" On Center, Deduct</i>	-0.43	
		<i>For Up To 200, Add</i>	0.83	
		<i>For >200 To 500, Add</i>	0.41	

09 22 16 13-0007 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners (09 22 16 13)

09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners	2.08	0.53
		<i>For Walls >10' High, Add</i>	0.42	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.27	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>	1.67	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.41	
		<i>For Horizontal Installation >10' High, Add</i>	0.54	
		<i>For Curved Wall, Add</i>	0.40	
		<i>For 12" On Center, Add</i>	0.35	
		<i>For 24" On Center, Deduct</i>	-0.35	
		<i>For Up To 200, Add</i>	0.68	
		<i>For >200 To 500, Add</i>	0.34	

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

09 22 16 13-0009	SF			2-1/2" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.28	0.56
				For Walls >10' High, Add	0.46	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.35	
				For Soffit, Columns Or Beams >10' High, Add	1.77	
				For Horizontal Installation Up To 10' High, Add	0.44	
				For Horizontal Installation >10' High, Add	0.58	
				For Curved Wall, Add	0.42	
				For 12" On Center, Add	0.39	
				For 24" On Center, Deduct	-0.39	
				For Up To 200, Add	0.74	
				For >200 To 500, Add	0.37	
09 22 16 13-0010	SF			3-5/8" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.51	0.58
				For Walls >10' High, Add	0.50	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.43	
				For Soffit, Columns Or Beams >10' High, Add	1.87	
				For Horizontal Installation Up To 10' High, Add	0.47	
				For Horizontal Installation >10' High, Add	0.62	
				For Curved Wall, Add	0.44	
				For 12" On Center, Add	0.43	
				For 24" On Center, Deduct	-0.43	
				For Up To 200, Add	0.80	
				For >200 To 500, Add	0.40	
09 22 16 13-0011	SF			4" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.67	0.61
				For Walls >10' High, Add	0.53	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.50	
				For Soffit, Columns Or Beams >10' High, Add	1.96	
				For Horizontal Installation Up To 10' High, Add	0.50	
				For Horizontal Installation >10' High, Add	0.65	
				For Curved Wall, Add	0.46	
				For 12" On Center, Add	0.46	
				For 24" On Center, Deduct	-0.46	
				For Up To 200, Add	0.84	
				For >200 To 500, Add	0.42	
09 22 16 13-0012	SF			6" Width, 16" On Center, 20 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	3.64	0.64
				For Walls >10' High, Add	0.73	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.66	
				For Soffit, Columns Or Beams >10' High, Add	2.15	
				For Horizontal Installation Up To 10' High, Add	0.61	
				For Horizontal Installation >10' High, Add	0.77	
				For Curved Wall, Add	0.49	
				For 12" On Center, Add	0.65	
				For 24" On Center, Deduct	-0.65	
				For Up To 200, Add	1.05	
				For >200 To 500, Add	0.53	
09 22 16 13-0013				18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		
09 22 16 13-0014	SF			2-1/2" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	2.64	0.57
				For Walls >10' High, Add	0.53	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.41	
				For Soffit, Columns Or Beams >10' High, Add	1.84	
				For Horizontal Installation Up To 10' High, Add	0.48	
				For Horizontal Installation >10' High, Add	0.62	
				For Curved Wall, Add	0.43	
				For 12" On Center, Add	0.46	
				For 24" On Center, Deduct	-0.46	
				For Up To 200, Add	0.81	
				For >200 To 500, Add	0.41	
09 22 16 13-0015	SF			3-5/8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	3.34	0.60
				For Walls >10' High, Add	0.67	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.54	
				For Soffit, Columns Or Beams >10' High, Add	2.00	
				For Horizontal Installation Up To 10' High, Add	0.56	
				For Horizontal Installation >10' High, Add	0.71	
				For Curved Wall, Add	0.45	
				For 12" On Center, Add	0.59	
				For 24" On Center, Deduct	-0.59	
				For Up To 200, Add	0.97	
				For >200 To 500, Add	0.49	
09 22 16 13-0016	SF			4" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	3.64	0.63
				For Walls >10' High, Add	0.73	
				For Soffit, Columns Or Beams Up To 10' High, Add	1.63	
				For Soffit, Columns Or Beams >10' High, Add	2.10	
				For Horizontal Installation Up To 10' High, Add	0.60	
				For Horizontal Installation >10' High, Add	0.76	
				For Curved Wall, Add	0.47	
				For 12" On Center, Add	0.65	
				For 24" On Center, Deduct	-0.65	
				For Up To 200, Add	1.04	
				For >200 To 500, Add	0.52	

09 Finishes

09 20 Plaster And Gypsum Board

09 22 Supports For Plaster And Gypsum Board



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 22 16 13-0017	SF	6" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	4.68	0.66
		For Walls >10' High, Add	0.94	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.80	
		For Soffit, Columns Or Beams >10' High, Add	2.29	
		For Horizontal Installation Up To 10' High, Add	0.72	
		For Horizontal Installation >10' High, Add	0.88	
		For Curved Wall, Add	0.50	
		For 12" On Center, Add	0.85	
		For 24" On Center, Deduct	-0.85	
		For Up To 200, Add	1.27	
		For >200 To 500, Add	0.63	
09 22 16 13-0018	SF	8" Width, 16" On Center, 18 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	5.09	0.70
		For Walls >10' High, Add	1.02	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.90	
		For Soffit, Columns Or Beams >10' High, Add	2.42	
		For Horizontal Installation Up To 10' High, Add	0.77	
		For Horizontal Installation >10' High, Add	0.94	
		For Curved Wall, Add	0.52	
		For 12" On Center, Add	0.93	
		For 24" On Center, Deduct	-0.93	
		For Up To 200, Add	1.37	
		For >200 To 500, Add	0.68	

09 22 16 13-0019 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners (09 22 16 13)

09 22 16 13-0020	SF	2-1/2" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	3.26	0.58
		For Walls >10' High, Add	0.65	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.50	
		For Soffit, Columns Or Beams >10' High, Add	1.94	
		For Horizontal Installation Up To 10' High, Add	0.55	
		For Horizontal Installation >10' High, Add	0.69	
		For Curved Wall, Add	0.44	
		For 12" On Center, Add	0.58	
		For 24" On Center, Deduct	-0.58	
		For Up To 200, Add	0.95	
		For >200 To 500, Add	0.47	
09 22 16 13-0021	SF	3-5/8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	3.81	0.61
		For Walls >10' High, Add	0.76	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.61	
		For Soffit, Columns Or Beams >10' High, Add	2.08	
		For Horizontal Installation Up To 10' High, Add	0.61	
		For Horizontal Installation >10' High, Add	0.77	
		For Curved Wall, Add	0.46	
		For 12" On Center, Add	0.69	
		For 24" On Center, Deduct	-0.69	
		For Up To 200, Add	1.07	
		For >200 To 500, Add	0.54	
09 22 16 13-0022	SF	4" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	4.03	0.64
		For Walls >10' High, Add	0.81	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.70	
		For Soffit, Columns Or Beams >10' High, Add	2.19	
		For Horizontal Installation Up To 10' High, Add	0.65	
		For Horizontal Installation >10' High, Add	0.81	
		For Curved Wall, Add	0.49	
		For 12" On Center, Add	0.73	
		For 24" On Center, Deduct	-0.73	
		For Up To 200, Add	1.13	
		For >200 To 500, Add	0.57	
09 22 16 13-0023	SF	6" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	5.04	0.67
		For Walls >10' High, Add	1.01	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.86	
		For Soffit, Columns Or Beams >10' High, Add	2.37	
		For Horizontal Installation Up To 10' High, Add	0.76	
		For Horizontal Installation >10' High, Add	0.93	
		For Curved Wall, Add	0.51	
		For 12" On Center, Add	0.92	
		For 24" On Center, Deduct	-0.92	
		For Up To 200, Add	1.35	
		For >200 To 500, Add	0.67	
09 22 16 13-0024	SF	8" Width, 16" On Center, 16 Gauge, Non Load Bearing, Non Structural Metal Stud Framing With Tracks And Runners.....	5.54	0.71
		For Walls >10' High, Add	1.11	
		For Soffit, Columns Or Beams Up To 10' High, Add	1.99	
		For Soffit, Columns Or Beams >10' High, Add	2.52	
		For Horizontal Installation Up To 10' High, Add	0.82	
		For Horizontal Installation >10' High, Add	1.00	
		For Curved Wall, Add	0.54	
		For 12" On Center, Add	1.02	
		For 24" On Center, Deduct	-1.02	
		For Up To 200, Add	1.47	
		For >200 To 500, Add	0.73	

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

09 22 16 13-0025 Galvanized Steel Backing Plates (09 22 16 13)

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF	3" Wide, 25 Gauge Galvanized Steel Backing Plate.....	0.93	
09 22 16 13-0027	LF	4" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.12	
09 22 16 13-0028	LF	6" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.41	
09 22 16 13-0029	LF	8" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.70	
09 22 16 13-0030	LF	10" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.99	
09 22 16 13-0031	LF	12" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.37	
09 22 16 13-0032	LF	3" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.15	
09 22 16 13-0033	LF	4" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.41	
09 22 16 13-0034	LF	6" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.84	
09 22 16 13-0035	LF	8" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.26	
09 22 16 13-0036	LF	10" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.71	
09 22 16 13-0037	LF	12" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.22	
09 22 16 13-0038	LF	3" Wide, 16 Gauge Galvanized Steel Backing Plate.....	1.53	
09 22 16 13-0039	LF	4" Wide, 16 Gauge Galvanized Steel Backing Plate.....	1.88	
09 22 16 13-0040	LF	6" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.50	
09 22 16 13-0041	LF	8" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.13	
09 22 16 13-0042	LF	10" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.81	
09 22 16 13-0043	LF	12" Wide, 16 Gauge Galvanized Steel Backing Plate.....	4.48	
09 22 16 13-0044	LF	3" Wide, 14 Gauge Galvanized Steel Backing Plate.....	1.77	
09 22 16 13-0045	LF	4" Wide, 14 Gauge Galvanized Steel Backing Plate.....	2.21	
09 22 16 13-0046	LF	6" Wide, 14 Gauge Galvanized Steel Backing Plate.....	2.98	
09 22 16 13-0047	LF	8" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.77	
09 22 16 13-0048	LF	10" Wide, 14 Gauge Galvanized Steel Backing Plate.....	4.62	
09 22 16 13-0049	LF	12" Wide, 14 Gauge Galvanized Steel Backing Plate.....	5.44	

09 22 36 Lath (09 22)
09 22 36 13 Gypsum Lath (09 22 36)
09 22 36 13-0001 Plaster Base Gypsum Panels (09 22 36 13)

09 22 36 13-0002	SF	3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	0.96	0.34
		<i>For Walls >10' High, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.35	
		<i>For >100 To 500, Add</i>	0.17	
		<i>For >5,000, Deduct</i>	-0.07	
09 22 36 13-0003	SF	1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.30	0.40
		<i>For Walls >10' High, Add</i>	0.10	
		<i>For Up To 100, Add</i>	0.40	
		<i>For >100 To 500, Add</i>	0.20	
		<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0004	SF	5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.64	0.46
		<i>For Walls >10' High, Add</i>	0.11	
		<i>For Up To 100, Add</i>	0.46	
		<i>For >100 To 500, Add</i>	0.23	
		<i>For >5,000, Deduct</i>	-0.09	
09 22 36 13-0005	SF	3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.24	0.48
		<i>For Ceilings >10' High, Add</i>	0.15	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 500, Add</i>	0.24	
		<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0006	SF	1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.62	0.56
		<i>For Ceilings >10' High, Add</i>	0.17	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 500, Add</i>	0.28	
		<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0007	SF	5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	2.02	0.64
		<i>For Ceilings >10' High, Add</i>	0.19	
		<i>For Up To 100, Add</i>	0.65	
		<i>For >100 To 500, Add</i>	0.32	
		<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0008	SF	3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.52	0.62
		<i>For Columns And Beams >10' High, Add</i>	0.19	
		<i>For Up To 100, Add</i>	0.63	
		<i>For >100 To 500, Add</i>	0.31	
		<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0009	SF	1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	1.94	0.72
		<i>For Columns And Beams >10' High, Add</i>	0.22	
		<i>For Up To 100, Add</i>	0.72	
		<i>For >100 To 500, Add</i>	0.36	
		<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0010	SF	5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.38	0.83
		<i>For Columns And Beams >10' High, Add</i>	0.25	
		<i>For Up To 100, Add</i>	0.83	
		<i>For >100 To 500, Add</i>	0.41	
		<i>For >5,000, Deduct</i>	-0.17	

09 22 36 13-0011 Firestop Plaster Base Gypsum Panels (09 22 36 13)

09 22 36 13-0012	SF	3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	1.29	0.34
		<i>For Walls >10' High, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.35	
		<i>For >100 To 500, Add</i>	0.17	
		<i>For >5,000, Deduct</i>	-0.07	

09 Finishes
09 20 Plaster And Gypsum Board
09 22 Supports For Plaster And Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 36 13-0013	SF 1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel	1.50	0.40
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 100, Add</i>	0.40	
	<i>For >100 To 500, Add</i>	0.20	
	<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0014	SF 3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	1.57	0.48
	<i>For Ceilings >10' High, Add</i>	0.15	
	<i>For Up To 100, Add</i>	0.49	
	<i>For >100 To 500, Add</i>	0.24	
	<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0015	SF 1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel	1.82	0.56
	<i>For Ceilings >10' High, Add</i>	0.17	
	<i>For Up To 100, Add</i>	0.56	
	<i>For >100 To 500, Add</i>	0.28	
	<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0016	SF 3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	1.85	0.62
	<i>For Columns And Beams >10' High, Add</i>	0.19	
	<i>For Up To 100, Add</i>	0.63	
	<i>For >100 To 500, Add</i>	0.31	
	<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0017	SF 1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel	2.14	0.72
	<i>For Columns And Beams >10' High, Add</i>	0.22	
	<i>For Up To 100, Add</i>	0.72	
	<i>For >100 To 500, Add</i>	0.36	
	<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels (09 22 36 13)			
09 22 36 13-0019	SF 3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.29	0.34
	<i>For Walls >10' High, Add</i>	0.09	
	<i>For Up To 100, Add</i>	0.35	
	<i>For >100 To 500, Add</i>	0.17	
	<i>For >5,000, Deduct</i>	-0.07	
09 22 36 13-0020	SF 1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel	1.50	0.40
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 100, Add</i>	0.40	
	<i>For >100 To 500, Add</i>	0.20	
	<i>For >5,000, Deduct</i>	-0.08	
09 22 36 13-0021	SF 3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	1.57	0.48
	<i>For Ceilings >10' High, Add</i>	0.15	
	<i>For Up To 100, Add</i>	0.49	
	<i>For >100 To 500, Add</i>	0.24	
	<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0022	SF 1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel	1.82	0.56
	<i>For Ceilings >10' High, Add</i>	0.17	
	<i>For Up To 100, Add</i>	0.56	
	<i>For >100 To 500, Add</i>	0.28	
	<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0023	SF 3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	1.85	0.62
	<i>For Columns And Beams >10' High, Add</i>	0.19	
	<i>For Up To 100, Add</i>	0.63	
	<i>For >100 To 500, Add</i>	0.31	
	<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0024	SF 1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel	2.14	0.72
	<i>For Columns And Beams >10' High, Add</i>	0.22	
	<i>For Up To 100, Add</i>	0.72	
	<i>For >100 To 500, Add</i>	0.36	
	<i>For >5,000, Deduct</i>	-0.14	
09 22 36 23 Metal Lath (09 22 36)			
09 22 36 23-0001 Flat Diamond, Expanded Metal Lath (09 22 36 23)			
09 22 36 23-0002	SF 1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.55	0.48
	<i>For Walls >10' High, Add</i>	0.13	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.54	
	<i>For >100 To 500, Add</i>	0.27	
	<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0003	SF 2.0 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.62	0.48
	<i>For Walls >10' High, Add</i>	0.13	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.54	
	<i>For >100 To 500, Add</i>	0.27	
	<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0004	SF 2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.68	0.48
	<i>For Walls >10' High, Add</i>	0.13	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.54	
	<i>For >100 To 500, Add</i>	0.27	
	<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0005	SF 3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath	1.92	0.51
	<i>For Walls >10' High, Add</i>	0.14	
	<i>For Paper Backed Lath, Add</i>	0.06	
	<i>For Up To 100, Add</i>	0.57	
	<i>For >100 To 500, Add</i>	0.29	
	<i>For >5,000, Deduct</i>	-0.11	

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

09 22 36 23-0006	SF	1.75 LB/SY,	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	1.71	0.54
			<i>For Ceilings >10' High, Add</i>	0.18	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 500, Add</i>	0.31	
			<i>For >5,000, Deduct</i>	-0.12	
09 22 36 23-0007	SF	2.0 LB/SY,	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	1.78	0.54
			<i>For Ceilings >10' High, Add</i>	0.18	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 500, Add</i>	0.31	
			<i>For >5,000, Deduct</i>	-0.12	
09 22 36 23-0008	SF	2.5 LB/SY,	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	1.84	0.54
			<i>For Ceilings >10' High, Add</i>	0.18	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 500, Add</i>	0.31	
			<i>For >5,000, Deduct</i>	-0.12	
09 22 36 23-0009	SF	3.4 LB/SY,	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.01	0.54
			<i>For Ceilings >10' High, Add</i>	0.18	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 500, Add</i>	0.31	
			<i>For >5,000, Deduct</i>	-0.12	
09 22 36 23-0010	SF	1.75 LB/SY,	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	2.27	0.77
			<i>For Columns And Beams >10' High, Add</i>	0.26	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 500, Add</i>	0.43	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0011	SF	2.0 LB/SY,	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	2.33	0.77
			<i>For Columns And Beams >10' High, Add</i>	0.26	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 500, Add</i>	0.43	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0012	SF	2.5 LB/SY,	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	2.39	0.77
			<i>For Columns And Beams >10' High, Add</i>	0.26	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 500, Add</i>	0.43	
			<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0013	SF	3.4 LB/SY,	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	2.99	0.97
			<i>For Columns And Beams >10' High, Add</i>	0.32	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 500, Add</i>	0.54	
			<i>For >5,000, Deduct</i>	-0.21	

09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath (09 22 36 23)

09 22 36 23-0015	SF	1.75 LB/SY,	Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	1.62	0.51
			<i>For Walls >10' High, Add</i>	0.14	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.29	
			<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0016	SF	2.0 LB/SY,	Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	1.69	0.51
			<i>For Walls >10' High, Add</i>	0.14	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.29	
			<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0017	SF	2.5 LB/SY,	Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	1.75	0.51
			<i>For Walls >10' High, Add</i>	0.14	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.29	
			<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0018	SF	3.4 LB/SY,	Installed On Solid Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	1.92	0.51
			<i>For Walls >10' High, Add</i>	0.14	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 500, Add</i>	0.29	
			<i>For >5,000, Deduct</i>	-0.11	
09 22 36 23-0019	SF	1.75 LB/SY,	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.70	0.97
			<i>For Columns And Beams >10' High, Add</i>	0.32	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 500, Add</i>	0.54	
			<i>For >5,000, Deduct</i>	-0.21	
09 22 36 23-0020	SF	2.0 LB/SY,	Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.76	0.97
			<i>For Columns And Beams >10' High, Add</i>	0.32	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 500, Add</i>	0.54	
			<i>For >5,000, Deduct</i>	-0.21	

09 Finishes
09 20 Plaster And Gypsum Board
09 22 Supports For Plaster And Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 36 23-0021	SF 2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.82 0.32 0.06 1.07 0.54 -0.21	0.97
09 22 36 23-0022	SF 3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath..... <i>For Columns And Beams >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	3.29 0.37 0.06 1.22 0.61 -0.24	1.11
09 22 36 23-0023 High Rib Metal Lath (09 22 36 23)			
09 22 36 23-0024	SF 2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	1.90 0.18 0.62 0.31 -0.12	0.54
09 22 36 23-0025	SF 3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	1.99 0.18 0.62 0.31 -0.12	0.54
09 22 36 23-0026	SF 3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.05 0.18 0.62 0.31 -0.12	0.54
09 22 36 23-0027	SF 4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.15 0.18 0.62 0.31 -0.12	0.54
09 22 36 33 Fiberglass Lath (09 22 36)			
09 22 36 33-0001 Non-Metallic, Fiberglass Lath (09 22 36 33)			
09 22 36 33-0002	SF 1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.04 0.18 0.62 0.31 -0.12	0.54
09 22 36 33-0003	SF 1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.16 0.18 0.62 0.31 -0.12	0.54
09 22 36 33-0004	SF 1/8" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath..... <i>For Walls >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	1.95 0.14 0.57 0.29 -0.11	0.51
09 22 36 33-0005	SF 1/4" Thick, Installed On Solid Surface, Fiberglass Non Metallic Lath..... <i>For Walls >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.07 0.14 0.57 0.29 -0.11	0.51
09 23 Gypsum Plastering (09 20)			
09 23 13 Acoustical Gypsum Plastering (09 23)			
Note: All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.			
09 23 13 00-0001 Casing And Corner Beads (09 23 13)			
09 23 13 00-0002	LF Galvanized Expanded Flange Casing Bead For Plaster Applications.....	3.11	0.77
09 23 13 00-0003	LF Zinc Expanded Flange Casing Bead For Plaster Applications.....	3.12	0.77
09 23 13 00-0004	LF Vinyl Expanded Flange Casing Bead For Plaster Applications.....	3.41	0.77
09 23 13 00-0005	LF Galvanized Corner Bead For Plaster Applications.....	3.02	0.77
09 23 13 00-0006	LF Vinyl Corner Bead For Plaster Applications.....	3.09	0.77
09 23 13 00-0007 Trim (09 23 13)			
09 23 13 00-0008	LF Galvanized "J" Trim For Plaster Applications..... <i>For Vinyl Instead Of Galvanized, Add</i> <i>For Zinc Instead Of Galvanized, Add</i>	3.23 0.14 0.91	0.77
09 23 13 00-0009	LF Galvanized "L" Trim For Plaster Applications..... <i>For Vinyl Instead Of Galvanized, Add</i> <i>For Zinc Instead Of Galvanized, Add</i>	3.23 0.14 0.91	0.77
09 23 13 00-0010	LF Galvanized "U" Trim For Plaster Applications..... <i>For Vinyl Instead Of Galvanized, Add</i> <i>For Zinc Instead Of Galvanized, Add</i>	3.23 0.14 0.91	0.77
09 23 13 00-0011 Plaster Forms And Expansion Joints (09 23 13)			

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

09 23 13 00-0012	LF		3/4" Galvanized Expansion Joint For Plaster Applications.....	3.57	0.77
09 23 13 00-0013 One Skim Coat Gypsum Plaster On Walls (09 23 13)					
09 23 13 00-0014	SF		Skim Coat One Coat Gypsum Plaster On Walls	1.00	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.12	
			<i>For Horizontal Installation >10' High, Add</i>	0.23	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.24	
			<i>For Columns Or Beams >10' High, Add</i>	0.35	
			<i>For <100, Add</i>	0.39	
			<i>For >100 To 500, Add</i>	0.19	
			<i>For >5,000, Deduct</i>	-0.15	
09 23 13 00-0015	SF		For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.73	
			<i>For Walls >10' High, Add</i>	0.06	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.08	
			<i>For Horizontal Installation >10' High, Add</i>	0.17	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.17	
			<i>For Columns Or Beams >10' High, Add</i>	0.26	
			<i>For <100, Add</i>	0.28	
			<i>For >100 To 500, Add</i>	0.14	
			<i>For >5,000, Deduct</i>	-0.11	
09 23 13 00-0016 Two Coats Gypsum Plaster On Walls (09 23 13)					
09 23 13 00-0017	SF		Smooth Finish Two Coats Gypsum Plaster On Walls.....	4.66	2.57
			<i>For Walls >10' High, Add</i>	0.42	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.64	
			<i>For Horizontal Installation >10' High, Add</i>	1.27	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.31	
			<i>For Columns Or Beams >10' High, Add</i>	1.95	
			<i>For <100, Add</i>	2.12	
			<i>For >100 To 500, Add</i>	1.06	
			<i>For >5,000, Deduct</i>	-0.85	
09 23 13 00-0018	SF		Sand Aggregate Two Coats Gypsum Plaster On Walls.....	4.85	2.44
			<i>For Walls >10' High, Add</i>	0.40	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.60	
			<i>For Horizontal Installation >10' High, Add</i>	1.19	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.23	
			<i>For Columns Or Beams >10' High, Add</i>	1.83	
			<i>For <100, Add</i>	1.99	
			<i>For >100 To 500, Add</i>	1.00	
			<i>For >5,000, Deduct</i>	-0.80	
09 23 13 00-0019	SF		Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls.....	5.08	2.44
			<i>For Walls >10' High, Add</i>	0.40	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.60	
			<i>For Horizontal Installation >10' High, Add</i>	1.19	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.23	
			<i>For Columns Or Beams >10' High, Add</i>	1.83	
			<i>For <100, Add</i>	1.99	
			<i>For >100 To 500, Add</i>	1.00	
			<i>For >5,000, Deduct</i>	-0.80	
09 23 13 00-0020 Three Coats Gypsum Plaster On Walls (09 23 13)					
09 23 13 00-0021	SF		Smooth Finish Three Coats Gypsum Plaster On Walls	5.67	3.12
			<i>For Walls >10' High, Add</i>	0.51	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.76	
			<i>For Horizontal Installation >10' High, Add</i>	1.52	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.57	
			<i>For Columns Or Beams >10' High, Add</i>	2.33	
			<i>For <100, Add</i>	2.54	
			<i>For >100 To 500, Add</i>	1.27	
			<i>For >5,000, Deduct</i>	-1.01	
09 23 13 00-0022	SF		Sand Aggregate Three Coats Gypsum Plaster On Walls	5.76	2.85
			<i>For Walls >10' High, Add</i>	0.47	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.71	
			<i>For Horizontal Installation >10' High, Add</i>	1.41	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.46	
			<i>For Columns Or Beams >10' High, Add</i>	2.16	
			<i>For <100, Add</i>	2.35	
			<i>For >100 To 500, Add</i>	1.18	
			<i>For >5,000, Deduct</i>	-0.94	
09 23 13 00-0023	SF		Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	5.36	2.85
			<i>For Walls >10' High, Add</i>	0.47	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.70	
			<i>For Horizontal Installation >10' High, Add</i>	1.40	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.45	
			<i>For Columns Or Beams >10' High, Add</i>	2.15	
			<i>For <100, Add</i>	2.34	
			<i>For >100 To 500, Add</i>	1.17	
			<i>For >5,000, Deduct</i>	-0.93	
09 23 13 00-0024 Keene's Cement Plaster, Quick Setting, White Hard Plaster (09 23 13)					
			Note: Used for areas with higher than normal moisture.		

09 Finishes
09 20 Plaster And Gypsum Board
09 23 Gypsum Plastering

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 23 13 00-0025	SF	1 Coat Keene's Cement Plaster On Walls	3.72	1.74
		For Walls >10' High, Add	0.28	
		For Horizontal Installation Up To 10' High, Add	0.42	
		For Horizontal Installation >10' High, Add	0.83	
		For Columns Or Beams Up To 10' High, Add	0.86	
		For Columns Or Beams >10' High, Add	1.28	
		For <100, Add	1.39	
		For >100 To 500, Add	0.70	
		For >5,000, Deduct	-0.56	
09 23 13 00-0026	SF	2 Coat Keene's Cement Plaster On Walls	5.59	2.71
		For Walls >10' High, Add	0.44	
		For Horizontal Installation Up To 10' High, Add	0.66	
		For Horizontal Installation >10' High, Add	1.32	
		For Columns Or Beams Up To 10' High, Add	1.37	
		For Columns Or Beams >10' High, Add	2.03	
		For <100, Add	2.21	
		For >100 To 500, Add	1.10	
		For >5,000, Deduct	-0.88	
09 23 13 00-0027	SF	3 Coat Keene's Cement Plaster On Walls	6.32	3.06
		For Walls >10' High, Add	0.50	
		For Horizontal Installation Up To 10' High, Add	0.75	
		For Horizontal Installation >10' High, Add	1.49	
		For Columns Or Beams Up To 10' High, Add	1.54	
		For Columns Or Beams >10' High, Add	2.29	
		For <100, Add	2.49	
		For >100 To 500, Add	1.25	
		For >5,000, Deduct	-1.00	
09 23 13 00-0028		Plaster Bonding Agent (09 23 13)		
09 23 13 00-0029	SF	1 Coat, Brush/Roller Plaster Bonding Agent	0.50	
		For Walls >10' High, Add	0.04	
		For Columns Or Beams Up To 10' High, Add	0.12	
		For Columns Or Beams >10' High, Add	0.18	
		For Ceiling Application Up To 10' High, Add	0.05	
		For Ceiling Application >10' High, Add	0.09	
09 24		Cement Plastering (09 20)		
09 24 23		Cement Stucco (09 24)		
		Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.		
09 24 23 00-0001		Stucco (09 24 23)		
		Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.		
09 24 23 00-0002	SF	Three Coat Troweled Stucco, Scratch/Brown/Finish.....	6.85	2.15
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.59	
		For Horizontal Installation Up To 10' High, Add	0.88	
		For Horizontal Installation >10' High, Add	1.76	
		For Columns Or Beams Up To 10' High, Add	1.82	
		For Columns Or Beams >10' High, Add	2.70	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.23	
		For <100, Add	2.94	
		For >100 To 500, Add	1.47	
		For >5,000, Deduct	-1.18	
09 24 23 00-0003	SF	Two Coat Troweled Stucco, Scratch/Brown.....	3.00	1.04
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.22	
		For Horizontal Installation Up To 10' High, Add	0.32	
		For Horizontal Installation >10' High, Add	0.65	
		For Columns Or Beams Up To 10' High, Add	0.67	
		For Columns Or Beams >10' High, Add	0.99	
		For <100, Add	1.08	
		For >100 To 500, Add	0.54	
		For >5,000, Deduct	-0.43	
09 24 23 00-0004	SF	Two Coat Troweled Stucco, Scratch/Finish	4.53	1.04
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.38	
		For Horizontal Installation Up To 10' High, Add	0.57	
		For Horizontal Installation >10' High, Add	1.15	
		For Columns Or Beams Up To 10' High, Add	1.18	
		For Columns Or Beams >10' High, Add	1.76	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.05	
		For <100, Add	1.91	
		For >100 To 500, Add	0.96	
		For >5,000, Deduct	-0.76	

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

09 24 23 00-0005	SF	Finish Coat Troweled Stucco	2.90	0.70
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.28	
		For Horizontal Installation Up To 10' High, Add	0.42	
		For Horizontal Installation >10' High, Add	0.83	
		For Columns Or Beams Up To 10' High, Add	0.86	
		For Columns Or Beams >10' High, Add	1.28	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.05	
		For <100, Add	1.39	
		For >100 To 500, Add	0.70	
		For >5,000, Deduct	-0.56	

09 24 33 Cement Parging (09 24)

09 24 33 00-0001		Cement Parging (09 24 33)		
09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging	2.79	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging	3.57	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging	4.48	

09 28 Backing Boards And Underlayments (09 20)

09 28 13 Cementitious Backing Boards (09 28)

09 28 13 00-0001		Cementitious Backer Units (09 28 13)		
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors	2.74	0.50
		For Up To 50, Add	2.16	
		For >50 To 250, Add	0.39	
		For >1,000, Deduct	-0.20	
		For Installation On Wall, Add	0.39	
		For Installation On Ceiling, Add	0.99	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors	3.17	0.59
		For Up To 50, Add	2.58	
		For >50 To 250, Add	0.48	
		For >1,000, Deduct	-0.24	
		For Installation On Wall, Add	0.48	
		For Installation On Ceiling, Add	1.19	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors	3.88	0.69
		For Up To 50, Add	3.05	
		For >50 To 250, Add	0.55	
		For >1,000, Deduct	-0.28	
		For Installation On Wall, Add	0.55	
		For Installation On Ceiling, Add	1.39	

09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)

09 28 16 00-0001		Glass Mat Faced Backer Units, DensShield (09 28 16)		
		Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF	1/2" DensShield Tile Backer For Installation On Floors	2.14	0.55
		For Up To 50, Add	1.60	
		For >50 To 250, Add	0.28	
		For >1,000, Deduct	-0.14	
		For Installation On Wall, Add	0.28	
		For Installation On Ceiling, Add	0.71	
09 28 16 00-0003	SF	5/8" DensShield Tile Backer For Installation On Floors	3.00	0.63
		For Up To 50, Add	1.94	
		For >50 To 250, Add	0.32	
		For >1,000, Deduct	-0.16	
		For Installation On Wall, Add	0.32	
		For Installation On Ceiling, Add	0.79	

09 28 23 Bullet Resistant Fiberglass Board (09 28)

09 28 23 00-0001		Laminated Bullet Resistant Fiberglass Panel (09 28 23)		
		Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
09 28 23 00-0002	SF	1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	12.17	1.12
09 28 23 00-0003	SF	3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	16.29	1.20
09 28 23 00-0004	SF	1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	18.35	1.28
09 28 23 00-0005	SF	5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	19.55	1.36
09 28 23 00-0006	SF	7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	22.72	1.51
09 28 23 00-0007	SF	9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	37.74	1.84
09 28 23 00-0008	SF	1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	64.06	3.43
09 28 23 00-0009	SF	1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	77.69	3.75
09 28 23 00-0010	SF	1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	88.10	3.99

09 29 Gypsum Board (09 20)

09 29 00 00-0001		Standard Gypsum Board Application (09 29)		
		Note: Price includes gypsum board screwed on one face only, without finishing. Installed on walls, ceilings, beams, columns, soffits, recesses and chases, flat or curved surfaces. See CSI section 09 01 20 00-0001 for small repairs, 09 29 00 00-0054 for finishing gypsum board, 09 29 00 00-0072 for casing and corner bead, 09 91		

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

43 00-0011 for small repairs.

09 29 00 00-0002 Standard Gypsum Board Application (09 29 00 00-0001)			
09 29 00 00-0003	SF 1/4" Gypsum Board.....	0.98	0.31
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.15	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.32	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.09	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.21	
	<i>For Horizontal Installation >10' High, Add</i>	0.32	
	<i>For Walls >10' High, Add</i>	0.05	
	<i>For Up To 128, Add</i>	0.32	
	<i>For >128 To 320, Add</i>	0.19	
09 29 00 00-0004	SF 3/8" Gypsum Board.....	1.06	0.35
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.17	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.36	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.10	
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.24	
	<i>For Horizontal Installation >10' High, Add</i>	0.36	
	<i>For Walls >10' High, Add</i>	0.06	
	<i>For Up To 128, Add</i>	0.35	
	<i>For >128 To 320, Add</i>	0.21	
09 29 00 00-0005	SF 1/2" Gypsum Board.....	1.17	0.41
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.19	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.41	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.10	
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.28	
	<i>For Horizontal Installation >10' High, Add</i>	0.41	
	<i>For Walls >10' High, Add</i>	0.07	
	<i>For Up To 128, Add</i>	0.40	
	<i>For >128 To 320, Add</i>	0.24	
09 29 00 00-0006	SF 5/8" Gypsum Board.....	1.39	0.47
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.22	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.48	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
	<i>For Horizontal Installation >10' High, Add</i>	0.48	
	<i>For Walls >10' High, Add</i>	0.08	
	<i>For Up To 128, Add</i>	0.47	
	<i>For >128 To 320, Add</i>	0.28	
09 29 00 00-0007	SF 1/4" Gypsum Board, Two Layers	1.85	0.57
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.27	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.57	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.12	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.39	
	<i>For Horizontal Installation >10' High, Add</i>	0.57	
	<i>For Walls >10' High, Add</i>	0.09	
	<i>For Up To 128, Add</i>	0.60	
	<i>For >128 To 320, Add</i>	0.36	
09 29 00 00-0008	SF 3/8" Gypsum Board, Two Layers	1.99	0.64
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.30	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.64	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.12	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.44	
	<i>For Horizontal Installation >10' High, Add</i>	0.64	
	<i>For Walls >10' High, Add</i>	0.10	
	<i>For Up To 128, Add</i>	0.65	
	<i>For >128 To 320, Add</i>	0.39	
09 29 00 00-0009	SF 1/2" Gypsum Board, Two Layers	2.18	0.73
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.74	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.13	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.50	
	<i>For Horizontal Installation >10' High, Add</i>	0.74	
	<i>For Walls >10' High, Add</i>	0.12	
	<i>For Up To 128, Add</i>	0.73	
	<i>For >128 To 320, Add</i>	0.44	
09 29 00 00-0010	SF 5/8" Gypsum Board, Two Layers	2.57	0.85
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.40	
	<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.85	
	<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.14	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.57	
	<i>For Horizontal Installation >10' High, Add</i>	0.85	
	<i>For Walls >10' High, Add</i>	0.14	
	<i>For Up To 128, Add</i>	0.85	
	<i>For >128 To 320, Add</i>	0.51	

09 29 00 00-0011 Fire Rated Gypsum Board Application (09 29 00 00-0001)

09 29 00 00-0012 Type X, Fire Rated Gypsum Board (09 29 00 00-0011)

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

09 29 00 00-0013	SF	5/8"	Type X Fire Rated Gypsum Board..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.47	0.47
				0.24	
				0.52	
				0.11	
				0.10	
				0.35	
				0.52	
				0.08	
				0.50	
				0.30	
09 29 00 00-0014	SF	5/8"	Type X Fire Rated Gypsum Board, Two Layers <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.72	0.47
				0.44	
				0.93	
				0.15	
				0.63	
				0.93	
				0.15	
				0.92	
				0.55	
09 29 00 00-0015	Type C, Fire Rated Gypsum Board (09 29 00 00-0011)				
09 29 00 00-0016	SF	1/2"	Type C Fire Rated Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.35	0.41
				0.21	
				0.45	
				0.11	
				0.10	
				0.31	
				0.45	
				0.07	
				0.45	
				0.27	
09 29 00 00-0017	SF	5/8"	Type C Fire Rated Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Foil Back Board, Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.52	0.47
				0.24	
				0.52	
				0.11	
				0.10	
				0.35	
				0.52	
				0.08	
				0.51	
				0.31	
09 29 00 00-0018	SF	1/2"	Type C Fire Rated Gypsum Board, Two Layers <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.52	0.41
				0.38	
				0.81	
				0.14	
				0.55	
				0.81	
				0.13	
				0.83	
				0.50	
09 29 00 00-0019	SF	5/8"	Type C Fire Rated Gypsum Board, Two Layers <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.82	0.47
				0.44	
				0.93	
				0.15	
				0.63	
				0.93	
				0.15	
				0.94	
				0.56	
09 29 00 00-0020	Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 00 00-0011)				
09 29 00 00-0021	SF	3/4"	Fire Rated Gypsum Board (Sheetrock® Ultracode®)..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.13	0.47
				0.25	
				0.52	
				0.11	
				0.35	
				0.52	
				0.08	
				0.63	
				0.37	
09 29 00 00-0022	SF	3/4"	Fire Rated Gypsum Board (Sheetrock® Ultracode®), Two Layers <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	4.04	0.47
				0.45	
				0.93	
				0.15	
				0.63	
				0.93	
				0.15	
				1.18	
				0.68	
09 29 00 00-0023	Moisture Resistant Gypsum Board Application (09 29 00 00-0001) Note: Water-resistant gypsum core.				

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 29 00 00-0024	SF 1/2" Moisture Resistant Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.29 0.19 0.41 0.10 0.28 0.41 0.07 0.42 0.25	0.41
09 29 00 00-0025	SF 5/8" Moisture Resistant Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.69 0.23 0.48 0.11 0.32 0.48 0.08 0.53 0.31	0.41
09 29 00 00-0026	Vinyl Faced Gypsum Board Application (09 29 00 00-0001) Note: All prefinished vinyl faced panels include, screws, edge grip clips and adhesive.		
09 29 00 00-0027	SF 3/8" Prefinished, Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.45 0.18 0.36 0.10 0.24 0.36 0.06 0.63 0.35	0.31
09 29 00 00-0028	SF 1/2" Prefinished, Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.56 0.21 0.41 0.10 0.28 0.41 0.07 0.68 0.38	0.41
09 29 00 00-0029	SF 5/8" Prefinished, Vinyl Faced Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.69 0.24 0.48 0.11 0.32 0.48 0.08 0.73 0.41	0.47
09 29 00 00-0030	SF 1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	2.98 0.23 0.45 0.11 0.31 0.45 0.07 0.78 0.43	0.41
09 29 00 00-0031	SF 5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	4.64 0.28 0.52 0.11 0.35 0.52 0.08 1.14 0.62	0.47
09 29 00 00-0032	Moisture And Mold Resistant Gypsum Board Application (09 29 00 00-0001)		
09 29 00 00-0033	SF 1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.52 0.20 0.41 0.10 -0.08 0.28 0.41 0.07 0.47 0.28	0.39
09 29 00 00-0034	SF 5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i> <i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation >10' High, Add</i> <i>For Walls >10' High, Add</i> <i>For Up To 128, Add</i> <i>For >128 To 320, Add</i>	1.81 0.23 0.48 0.11 -0.08 0.32 0.48 0.08 0.55 0.32	0.45

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

09 29 00 00-0035	SF	1/2"	Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board 1.81	0.39	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.22	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.45	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.31	
			<i>For Horizontal Installation >10' High, Add</i>	0.45	
			<i>For Walls >10' High, Add</i>	0.07	
			<i>For Up To 128, Add</i>	0.54	
			<i>For >128 To 320, Add</i>	0.32	
09 29 00 00-0036	SF	5/8"	Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board 2.03	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.25	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.52	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.35	
			<i>For Horizontal Installation >10' High, Add</i>	0.52	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.61	
			<i>For >128 To 320, Add</i>	0.36	
09 29 00 00-0037	Hi-Impact Gypsum Board <small>(09 29 00 00-0001)</small>				
	Note: Abrasion, impact and penetration resistant.				
09 29 00 00-0038	SF	0.01"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board 2.28	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.23	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.47	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.47	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.64	
			<i>For >128 To 320, Add</i>	0.37	
09 29 00 00-0039	SF	0.02"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board 2.67	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.23	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.47	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.47	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.72	
			<i>For >128 To 320, Add</i>	0.41	
09 29 00 00-0040	SF	0.03"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board 3.06	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.24	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.47	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.47	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.80	
			<i>For >128 To 320, Add</i>	0.45	
09 29 00 00-0041	SF	0.08"	Polycarbonate Backed, Fire Rated, 5/8" Hi-Impact Gypsum Board 5.41	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.26	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.47	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.47	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	1.27	
			<i>For >128 To 320, Add</i>	0.68	
09 29 00 00-0042	Hi-Abuse Gypsum Board <small>(09 29 00 00-0001)</small>				
	Note: Surface indentation, impact, abrasion and moisture/mold/mildew resistant.				
09 29 00 00-0043	SF	5/8"	Fire Rated, Hi-Abuse Gypsum Board 1.86	0.45	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.23	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.47	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.47	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.56	
			<i>For >128 To 320, Add</i>	0.33	
09 29 00 00-0044	Soundproof Gypsum Board <small>(09 29 00 00-0001)</small>				
	Note: Minimum STC rating for 1/2" board is 49 and 5/8" board is 51.				
09 29 00 00-0045	SF	1/2"	Soundproof Gypsum Board 3.62	0.47	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.25	
			<i>For Times When The Shortest Distance From Corner to Corner Is <3', Add</i>	0.48	
			<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
			<i>For Horizontal Installation >10' High, Add</i>	0.48	
			<i>For Walls >10' High, Add</i>	0.08	
			<i>For Up To 128, Add</i>	0.91	
			<i>For >128 To 320, Add</i>	0.50	

09 Finishes
09 20 Plaster And Gypsum Board
09 29 Gypsum Board

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 29 00 00-0046	SF	5/8" Soundproof Gypsum Board	4.44	0.47
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.25	
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	0.48	
		<i>For Adhesive Applied Sheets Instead Of Fasteners (Includes Bracing Until Adhesive Is Bonded), Add</i>	0.11	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.32	
		<i>For Horizontal Installation >10' High, Add</i>	0.48	
		<i>For Walls >10' High, Add</i>	0.08	
		<i>For Up To 128, Add</i>	1.08	
		<i>For >128 To 320, Add</i>	0.59	
09 29 00 00-0047		Shaft Wall ^(09 29)		
		See CSI section 09 29 00 00-0054 for finishing drywall.		
09 29 00 00-0048	SF	3/4" Fire Rated Shaft Wall Assembly	5.08	1.97
		Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	1.98	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.35	
		<i>For Horizontal Installation >10' High, Add</i>	1.98	
		<i>For Walls >10' High, Add</i>	0.32	
		<i>For Up To 128, Add</i>	1.81	
		<i>For >128 To 320, Add</i>	1.10	
09 29 00 00-0049	SF	7/8" Fire Rated Shaft Wall Assembly	5.90	2.38
		Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	2.38	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.62	
		<i>For Horizontal Installation >10' High, Add</i>	2.38	
		<i>For Walls >10' High, Add</i>	0.38	
		<i>For Up To 128, Add</i>	2.13	
		<i>For >128 To 320, Add</i>	1.30	
09 29 00 00-0050	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.16	1.53
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	1.53	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.04	
		<i>For Horizontal Installation >10' High, Add</i>	1.53	
		<i>For Walls >10' High, Add</i>	0.24	
		<i>For Up To 128, Add</i>	1.64	
		<i>For >128 To 320, Add</i>	0.97	
		<i>For Glass Mat Surfaces, Add</i>	0.25	
09 29 00 00-0051	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.47	1.60
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	1.60	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.08	
		<i>For Horizontal Installation >10' High, Add</i>	1.60	
		<i>For Walls >10' High, Add</i>	0.26	
		<i>For Up To 128, Add</i>	1.73	
		<i>For >128 To 320, Add</i>	1.03	
		<i>For Glass Mat Surfaces, Add</i>	0.25	
09 29 00 00-0052	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	5.92	1.60
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	1.60	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.08	
		<i>For Horizontal Installation >10' High, Add</i>	1.60	
		<i>For Walls >10' High, Add</i>	0.26	
		<i>For Up To 128, Add</i>	1.82	
		<i>For >128 To 320, Add</i>	1.07	
		<i>For Glass Mat Surfaces, Add</i>	0.25	
09 29 00 00-0053	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly	6.27	1.68
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Times When The Shortest Distance From Corner To Corner Is <3', Add</i>	1.68	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.14	
		<i>For Horizontal Installation >10' High, Add</i>	1.68	
		<i>For Walls >10' High, Add</i>	0.27	
		<i>For Up To 128, Add</i>	1.92	
		<i>For >128 To 320, Add</i>	1.13	
		<i>For Glass Mat Surfaces, Add</i>	0.25	

09 29 00 00-0054 Finishing Gypsum Board Applications ^(09 29)

Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.

09 29 00 00-0055 Finish Gypsum Board Walls, ASTM C840 Level 4 ^(09 29 00 00-0054)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 29 00 00-0056	SF		Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.57	
				For Up To 128, Add	0.22	
				For >128 To 320, Add	0.14	
				For ASTM C840 Level 1 Finish, Deduct	-0.27	
				For ASTM C840 Level 2 Finish, Deduct	-0.14	
				For ASTM C840 Level 3 Finish, Deduct	-0.05	
				For ASTM C840 Level 5 High Quality Finish, Add	0.42	
	09 29 00 00-0057	SF		>10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.76	
				Note: Use this task for the entire wall area when the wall is >10' high.		
				For Up To 128, Add	0.29	
				For >128 To 320, Add	0.18	
				For ASTM C840 Level 1 Finish, Deduct	-0.37	
				For ASTM C840 Level 2 Finish, Deduct	-0.18	
				For ASTM C840 Level 3 Finish, Deduct	-0.07	
				For ASTM C840 Level 5 High Quality Finish, Add	0.56	
	09 29 00 00-0058			Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09 29 00 00-0054)		
	09 29 00 00-0059	SF		Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	0.71	
				For Up To 128, Add	0.27	
				For >128 To 320, Add	0.17	
				For ASTM C840 Level 1 Finish, Deduct	-0.34	
				For ASTM C840 Level 2 Finish, Deduct	-0.17	
				For ASTM C840 Level 3 Finish, Deduct	-0.07	
				For ASTM C840 Level 5 High Quality Finish, Add	0.53	
	09 29 00 00-0060	SF		>10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	0.89	
				Note: Use this task for the entire wall area when the wall is >10' high.		
				For Up To 128, Add	0.35	
				For >128 To 320, Add	0.22	
				For ASTM C840 Level 1 Finish, Deduct	-0.43	
				For ASTM C840 Level 2 Finish, Deduct	-0.22	
				For ASTM C840 Level 3 Finish, Deduct	-0.09	
				For ASTM C840 Level 5 High Quality Finish, Add	0.66	
	09 29 00 00-0061			Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09 29 00 00-0054)		
				Note: Inside or outside gypsum board corners.		
	09 29 00 00-0062	LF		Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.15	
				For ASTM C840 Level 1 Finish, Deduct	-0.54	
				For ASTM C840 Level 2 Finish, Deduct	-0.27	
				For ASTM C840 Level 3 Finish, Deduct	-0.11	
				For ASTM C840 Level 5 High Quality Finish, Add	0.84	
	09 29 00 00-0063	LF		>10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.37	
				Note: Use this task for the entire wall area when the wall is >10' high.		
				For ASTM C840 Level 1 Finish, Deduct	-0.65	
				For ASTM C840 Level 2 Finish, Deduct	-0.32	
				For ASTM C840 Level 3 Finish, Deduct	-0.13	
				For ASTM C840 Level 5 High Quality Finish, Add	1.01	
	09 29 00 00-0064			Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09 29 00 00-0054)		
				Note: Inside or outside gypsum board corners.		
	09 29 00 00-0065	LF		Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	1.33	
				For ASTM C840 Level 1 Finish, Deduct	-0.63	
				For ASTM C840 Level 2 Finish, Deduct	-0.31	
				For ASTM C840 Level 3 Finish, Deduct	-0.13	
				For ASTM C840 Level 5 High Quality Finish, Add	0.98	
	09 29 00 00-0066	LF		>10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	1.60	
				Note: Use this task for the entire wall area when the wall is >10' high.		
				For ASTM C840 Level 1 Finish, Deduct	-0.76	
				For ASTM C840 Level 2 Finish, Deduct	-0.38	
				For ASTM C840 Level 3 Finish, Deduct	-0.15	
				For ASTM C840 Level 5 High Quality Finish, Add	1.18	
	09 29 00 00-0067			Textured Finishes For Gypsum Board (09 29 00 00-0054)		
	09 29 00 00-0068	SF		"Popcorn" Spray Applied, Finish On Existing Gypsum Board Ceiling.....	0.32	
	09 29 00 00-0069	SF		Textured Finish On Existing Gypsum Board Ceiling.....	0.64	
				Note: For non spray applied textures.		
	09 29 00 00-0070	SF		Spray Applied Orange Peel Finish On Existing Gypsum Board Wall.....	0.31	
	09 29 00 00-0071	SF		Spray Applied Knockdown Or Skip Trowel Finish On Existing Gypsum Board Wall.....	0.39	
	09 29 00 00-0072			Casing And Corner Beads (09 29)		
	09 29 00 00-0073	LF		Casing, Galvanized Steel J-Bead For Gypsum Board.....	2.84	0.79
	09 29 00 00-0074	LF		Corner Bead, Galvanized Steel For Gypsum Board.....	2.73	0.79
	09 29 00 00-0075			Architectural Forms (09 29)		
	09 29 00 00-0076	SF		1" Architectural Foam Forms For Gypsum Board Cover.....	3.54	
	09 29 00 00-0077			Prefomed Architectural Profiles (09 29)		
	09 29 00 00-0078			Trim Reveals For Gypsum Board (09 29 00 00-0077)		
	09 29 00 00-0079	LF		1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.73	0.95
	09 29 00 00-0080	LF		1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.74	0.95
	09 29 00 00-0081	LF		3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.79	0.95

09 Finishes

09 20 Plaster And Gypsum Board

09 29 Gypsum Board

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 29 00 00-0082	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.82	0.95
09 29 00 00-0083	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.88	0.95
09 29 00 00-0084	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.95	0.95
09 29 00 00-0085	LF	1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.01	0.95
09 29 00 00-0086	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.22	0.95
09 29 00 00-0087	LF	2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.42	0.95
09 29 00 00-0088	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.86	1.03
09 29 00 00-0089	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	2.86	1.03
09 29 00 00-0090	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.00	1.03
09 29 00 00-0091	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.03	1.03
09 29 00 00-0092	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.12	1.03
09 29 00 00-0093	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.16	1.03
09 29 00 00-0094	LF	1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.21	1.03
09 29 00 00-0095	LF	1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.44	1.03
09 29 00 00-0096	LF	2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	3.67	1.03
09 29 00 00-0097	LF	3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	4.78	1.19
09 29 00 00-0098	LF	4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.16	1.19

09 29 00 00-0099 Edge Trim For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0100	LF	1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	2.63	0.99
09 29 00 00-0101	LF	5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	2.74	0.99
09 29 00 00-0102	LF	1" Aluminum Extrusions, Edge Trim For Gypsum Board	3.13	1.09
09 29 00 00-0103	LF	1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	3.31	1.19
09 29 00 00-0104	LF	1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	3.91	0.99
09 29 00 00-0105	LF	5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.01	0.99
09 29 00 00-0106	LF	1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	4.41	1.09
09 29 00 00-0107	LF	1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	4.59	1.19

09 29 00 00-0108 Bevel Trim For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0109	LF	5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	2.74	0.99
09 29 00 00-0110	LF	5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	3.10	1.09

09 29 00 00-0111 Trim/Wainscot Caps For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0112	LF	1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board.....	3.53	1.19
------------------	----	--	------	------

09 29 00 00-0113 Single Fin Wall/Trim Reveals For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0114	LF	1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.27	0.63
09 29 00 00-0115	LF	1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.39	0.71
09 29 00 00-0116	LF	3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.77	0.79
09 29 00 00-0117	LF	1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	2.97	0.87
09 29 00 00-0118	LF	5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.14	0.95
09 29 00 00-0119	LF	3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.18	0.95
09 29 00 00-0120	LF	1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.29	0.95
09 29 00 00-0121	LF	1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.51	0.95
09 29 00 00-0122	LF	2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.59	0.95
09 29 00 00-0123	LF	1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.12	1.03
09 29 00 00-0124	LF	1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.15	1.03
09 29 00 00-0125	LF	3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.29	1.03
09 29 00 00-0126	LF	1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.35	1.03
09 29 00 00-0127	LF	5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.40	1.03
09 29 00 00-0128	LF	3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.46	1.03
09 29 00 00-0129	LF	1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.55	1.03
09 29 00 00-0130	LF	1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.78	1.03
09 29 00 00-0131	LF	2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	3.98	1.03
09 29 00 00-0132	LF	3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	4.59	1.03
09 29 00 00-0133	LF	4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.76	1.03
09 29 00 00-0134	LF	3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	4.36	1.03
09 29 00 00-0135	LF	3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	4.46	1.03
09 29 00 00-0136	LF	4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	4.81	1.03
09 29 00 00-0137	LF	4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	4.84	1.03
09 29 00 00-0138	LF	9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	5.34	1.03
09 29 00 00-0139	LF	5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	4.60	1.03

09 29 00 00-0140 'V' Groove Wall Reveals For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0141	LF	1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	4.04	1.42
09 29 00 00-0142	LF	3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	4.66	1.58
09 29 00 00-0143	LF	1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	5.34	1.90
09 29 00 00-0144	LF	9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board	5.58	2.05

09 29 00 00-0145 Double Fin Wall Reveals For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0146	LF	3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.34	0.95
09 29 00 00-0147	LF	1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.37	0.95
09 29 00 00-0148	LF	1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.39	0.95
09 29 00 00-0149	LF	3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.39	0.95
09 29 00 00-0150	LF	1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.51	0.95
09 29 00 00-0151	LF	5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.56	0.94
09 29 00 00-0152	LF	3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	3.61	0.95
09 29 00 00-0153	LF	1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.73	0.95

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

09 29 00 00-0154	LF			1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.92	0.95
09 29 00 00-0155	LF			2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.12	0.95
09 29 00 00-0156	LF			3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.57	1.03
09 29 00 00-0157	LF			1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.59	1.03
09 29 00 00-0158	LF			3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.64	1.03
09 29 00 00-0159	LF			1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.76	1.03
09 29 00 00-0160	LF			5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.81	1.03
09 29 00 00-0161	LF			3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.85	1.03
09 29 00 00-0162	LF			1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	3.98	1.03
09 29 00 00-0163	LF			1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.18	1.03
09 29 00 00-0164	LF			2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.38	1.03
09 29 00 00-0165	LF			3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	4.93	1.03
09 29 00 00-0166	LF			4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.08	1.03
09 29 00 00-0167	LF			1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	5.69	1.13
09 29 00 00-0168	LF			3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.59	1.37
09 29 00 00-0169	LF			1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board	6.76	1.37
09 29 00 00-0170	LF			1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	5.09	0.94
09 29 00 00-0171	LF			1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board	5.30	1.37
09 29 00 00-0172	LF			1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board	3.76	0.94

09 29 00 00-0173 Special Conditions Reveals For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0174 Radius Conditions (09 29 00 00-0173)

09 29 00 00-0175	EA			8' Long Inside Radius For Gypsum Board	31.92	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.						
09 29 00 00-0176	EA			8' Long Outside Radius For Gypsum Board	31.92	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.						
09 29 00 00-0177	EA			8' Long Circular / Arched Radius For Gypsum Board	31.92	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.						

09 29 00 00-0178 Knee Brace Kit (09 29 00 00-0173)

09 29 00 00-0179	EA			46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board	81.06	9.88
------------------	----	--	--	---	-------	------

09 29 00 00-0180 Wall Bumper Rail (09 29 00 00-0173)

09 29 00 00-0181	LF			2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board	14.29	3.95
------------------	----	--	--	---	-------	------

09 29 00 00-0182 Corners For Gypsum Board (09 29 00 00-0077)

09 29 00 00-0183	LF			1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board	3.18	0.95
09 29 00 00-0184	LF			5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board	3.41	1.03
09 29 00 00-0185	LF			3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board	3.71	1.08
09 29 00 00-0186	LF			1"R, Aluminum Extrusions, Outside Corner For Gypsum Board	4.04	1.13
09 29 00 00-0187	LF			1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	4.92	1.37
09 29 00 00-0188	LF			2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	5.64	1.55
09 29 00 00-0189	LF			2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board	6.72	1.76
09 29 00 00-0190	LF			3" R, Aluminum Extrusions, Outside Corner For Gypsum Board	8.07	2.06
09 29 00 00-0191	LF			4" R, Aluminum Extrusions, Outside Corner For Gypsum Board	10.98	2.75
09 29 00 00-0192	LF			90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	3.13	0.92
09 29 00 00-0193	LF			90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board	5.24	1.24
09 29 00 00-0194	LF			90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board	4.18	1.24
09 29 00 00-0195	LF			90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board	6.36	1.24
09 29 00 00-0196	LF			45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	8.78	1.55
09 29 00 00-0197	LF			60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board	8.50	1.55
09 29 00 00-0198	LF			3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board	3.29	1.08
09 29 00 00-0199	LF			5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board	3.25	1.03
09 29 00 00-0200	LF			1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board	3.16	0.95
09 29 00 00-0201	LF			5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board	3.36	1.03
09 29 00 00-0202	LF			1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board	4.21	1.13
09 29 00 00-0203	LF			1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board	3.66	0.95
09 29 00 00-0204	LF			5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board	3.90	1.03
09 29 00 00-0205	LF			1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board	5.25	1.13
09 29 00 00-0206	LF			1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board	5.45	0.95
09 29 00 00-0207	LF			3" Aluminum Extrusions, Bullnose For Gypsum Board	9.87	2.06
09 29 00 00-0208	LF			3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board	10.38	2.06
09 29 00 00-0209	LF			5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	18.76	3.43
09 29 00 00-0210	LF			7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board	30.16	4.86
09 29 00 00-0211	LF			3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	3.71	1.06
09 29 00 00-0212	LF			1" R, Aluminum Extrusions, Inside Corner For Gypsum Board	4.12	1.11
09 29 00 00-0213	LF			1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	4.98	1.35
09 29 00 00-0214	LF			2"R, Aluminum Extrusions, Inside Corner For Gypsum Board	5.95	1.52
09 29 00 00-0215	LF			2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board	7.93	1.74
09 29 00 00-0216	LF			3"R, Aluminum Extrusions, Inside Corner For Gypsum Board	8.75	2.03
09 29 00 00-0217	LF			4" R, Aluminum Extrusions, Inside Corner For Gypsum Board	10.42	2.71
09 29 00 00-0218	LF			3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	6.99	2.03
09 29 00 00-0219	LF			3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	7.06	2.03
09 29 00 00-0220	LF			4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	7.47	2.03
09 29 00 00-0221	LF			5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board	7.59	2.03

09 30 Tiling (09)

Note: All tiles are standard commercial grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are

09 Finishes**09 30 Tiling****09 29 Gypsum Board**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods.

09 30 13 Ceramic Tiling (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001 Ceramic Tiling (09 30 13)

09 30 13 00-0002	SF	Less Than 8" x 8" Mounted Floor Tile.....	8.45	2.18
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		<i>For Up To 50, Add</i>	5.37	
		<i>For >50 To 250, Add</i>	0.87	
		<i>For >1,000, Deduct</i>	-0.43	
		<i>For Epoxy Grout, Add</i>	0.93	
		<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 13 00-0003	SF	8" x 8" And Larger Unmounted Floor Tile.....	9.53	1.35
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		<i>For Up To 50, Add</i>	6.45	
		<i>For >50 To 250, Add</i>	1.08	
		<i>For >1,000, Deduct</i>	-0.54	
		<i>For Epoxy Grout, Add</i>	1.09	
		<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 13 00-0004	SF	Less than 8" x 8" Mounted Wall Tile.....	9.37	2.63
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		<i>For Up To 50, Add</i>	6.29	
		<i>For >50 To 250, Add</i>	1.05	
		<i>For >1,000, Deduct</i>	-0.53	
		<i>For Epoxy Grout, Add</i>	1.07	
09 30 13 00-0005	SF	8" x 8" And Larger Unmounted Wall Tile.....	10.76	1.67
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		<i>For Up To 50, Add</i>	7.68	
		<i>For >50 To 250, Add</i>	1.33	
		<i>For >1,000, Deduct</i>	-0.67	
		<i>For Epoxy Grout, Add</i>	1.28	
09 30 13 00-0006	SF	Less than 8" x 8" Mounted Ceiling Tile.....	13.22	4.56
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
		<i>For Up To 50, Add</i>	10.14	
		<i>For >50 To 250, Add</i>	1.82	
		<i>For >1,000, Deduct</i>	-0.91	
		<i>For Chemical Resistant Epoxy Grout, Add</i>	1.67	
09 30 13 00-0007	SF	8" x 8" And Larger Unmounted Ceiling Tile.....	15.05	2.74
		Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
		<i>For Up To 50, Add</i>	11.97	
		<i>For >50 To 250, Add</i>	2.19	
		<i>For >1,000, Deduct</i>	-1.09	
		<i>For Chemical Resistant Epoxy Grout, Add</i>	1.94	
09 30 13 00-0008	LF	4-1/4" To 4-1/2" High Glazed Porcelain, Unglazed Porcelain And Glazed Ceramic Cove Base Or Trim.....	11.70	1.90
		<i>For Chemical Resistant Epoxy Grout, Add</i>	1.34	

09 30 16 Quarry Tiling (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF	Unglazed Quarry Floor Tile.....	7.93	1.53
		Note: With or without embedded abrasive grit.		
		<i>For Up To 50, Add</i>	6.54	
		<i>For >50 To 250, Add</i>	1.21	
		<i>For >1,000, Deduct</i>	-0.61	
		<i>For Epoxy Grout, Add</i>	1.19	
09 30 16 00-0002	SF	Glazed Quarry Floor Tile.....	13.68	1.53
		<i>For Up To 50, Add</i>	7.97	
		<i>For >50 To 250, Add</i>	1.21	
		<i>For >1,000, Deduct</i>	-0.61	
		<i>For Epoxy Grout, Add</i>	1.19	
09 30 16 00-0003	SF	Unglazed Quarry Wall Tile.....	9.15	1.81
		Note: With or without embedded abrasive grit.		
		<i>For Up To 50, Add</i>	7.76	
		<i>For >50 To 250, Add</i>	1.46	
		<i>For >1,000, Deduct</i>	-0.73	
		<i>For Epoxy Grout, Add</i>	1.37	
09 30 16 00-0004	SF	Glazed Quarry Wall Tile.....	14.90	1.81
		<i>For Up To 50, Add</i>	9.19	
		<i>For >50 To 250, Add</i>	1.46	
		<i>For >1,000, Deduct</i>	-0.73	
		<i>For Epoxy Grout, Add</i>	1.37	
09 30 16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim.....	10.93	2.01
		<i>For Chemical Resistant Epoxy Grout, Add</i>	1.40	
09 30 16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim.....	20.36	2.01
		<i>For Chemical Resistant Epoxy Grout, Add</i>	1.40	

09 31 Thin-Set Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 00 00-0001	SF	Thin Set - Latex Portland Cement Mortar.....	1.26	0.72
------------------	----	--	------	------

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

	1.13	
	0.22	
	-0.11	
09 31 00 00-0002 SF Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.69	
	0.69	
	0.14	
	-0.07	
09 32 Mortar-Bed Tiling <small>(09 30)</small>		
Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.		
09 32 00 00-0001 SF 3/4" Minimum Thickness Portland Cement Mortar Setting Bed	3.21	1.45
Note: For residential floors. Includes 15# felt and wire reinforcement.		
	2.43	
	0.43	
	-0.22	
	0.15	
09 32 00 00-0002 SF 1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	4.70	1.93
Note: For commercial floors. Includes 15# felt and wire reinforcement.		
	3.34	
	0.58	
	-0.29	
	0.15	
09 32 00 00-0003 SF 3/4" Portland Cement Plaster Scratch Coat for Walls	10.01	4.34
Note: Includes 15# felt and expanded metal lath.		
	9.01	
	1.74	
	-0.87	
	0.15	
	-1.84	
09 34 Waterproofing-Membrane Tiling <small>(09 30)</small>		
09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds <small>(09 34)</small>		
09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) <small>(09 34 00 00-0001)</small>		
Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.		
09 34 00 00-0003 EA 48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	778.43	
09 34 00 00-0004 EA 32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	890.28	
09 34 00 00-0005 EA 72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,301.34	
09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps <small>(09 34 00 00-0001)</small>		
Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.		
09 34 00 00-0007 EA 15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	94.74	
09 34 00 00-0008 EA 4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	88.97	
09 34 00 00-0009 Prefabricated Polystyrene Shower Benches <small>(09 34 00 00-0001)</small>		
Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010 EA 16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	180.98	
09 34 00 00-0011 EA 32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	357.68	
09 34 00 00-0012 EA 48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	440.14	
09 34 00 00-0013 EA 32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	322.34	
09 34 00 00-0014 EA 42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107)	357.68	
09 34 00 00-0015 EA 48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122)	381.24	
09 34 00 00-0016 Prefabricated Polystyrene Shower Tray <small>(09 34 00 00-0001)</small>		
Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017 EA 32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	159.53	
09 34 00 00-0018 EA 48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	159.53	
09 34 00 00-0019 EA 72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	241.99	
09 34 00 00-0020 Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) <small>(09 34 00 00-0001)</small>		
09 34 00 00-0021 SF 1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA)	2.89	
09 34 00 00-0022 SF 5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL)	3.30	
09 34 00 00-0023 Bonded Waterproof Underlayment Membranes (Schluter® KERDI) <small>(09 34 00 00-0001)</small>		
09 34 00 00-0024 SF 0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	2.57	
09 35 Chemical-Resistant Tiling <small>(09 30)</small>		
Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.		
09 35 00 00-0001 SF Thin Set - Epoxy Mortar	3.39	0.95
Note: Impact and chemical resistant.		

09 Finishes

09 30 Tiling

09 35 Chemical-Resistant Tiling

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

For Up To 50, Add 1.94
For >50 To 250, Add 0.29
For >1,000, Deduct -0.15

09 39 Tiling Transitions And Accessories (09 39)

09 39 00 00-0001 Tile Substrate (Schluter® KERDI BOARD) (09 39)

09 39 00 00-0002	LF	1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	5.09	0.55
09 39 00 00-0003	LF	5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	5.72	0.63

09 39 00 00-0004 Floor Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0005	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.41	
09 39 00 00-0006	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.47	
09 39 00 00-0007	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.54	
09 39 00 00-0008	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE)	2.65	
09 39 00 00-0009	LF	1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.08	
09 39 00 00-0010	LF	5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.17	
09 39 00 00-0011	LF	3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.23	
09 39 00 00-0012	LF	1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	3.29	
09 39 00 00-0013	LF	9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	2.51	
09 39 00 00-0014	LF	1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	3.29	
09 39 00 00-0015	LF	1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.09	
09 39 00 00-0016	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.23	
09 39 00 00-0017	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	3.37	
09 39 00 00-0018	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK)	4.00	
09 39 00 00-0019	LF	5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.19	
09 39 00 00-0020	LF	3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.33	
09 39 00 00-0021	LF	1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U)	3.96	

09 39 00 00-0022 Outside Wall Edge Protection And Transition Profiles For Tile (09 39)

09 39 00 00-0023	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADDEC)	3.17	
09 39 00 00-0024	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADDEC)	3.32	
09 39 00 00-0025	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADDEC)	3.54	
09 39 00 00-0026	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADDEC)	3.76	
09 39 00 00-0027	LF	1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	3.47	
09 39 00 00-0028	LF	5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	3.75	
09 39 00 00-0029	LF	3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.03	
09 39 00 00-0030	LF	1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC)	4.52	

09 50 Ceilings (09)

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

09 51 Acoustical Ceilings (09 50)

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

09 51 13 Acoustical Panel Ceilings (09 51)

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

09 51 13 00-0001 Fiberglass Panels (09 51 13)

09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)

09 51 13 00-0003	SF	2' x 2' x 5/8" Fiberglass Acoustical Ceiling Panel	1.68	0.39
		<i>For Recessed Edge, Add</i>	0.35	
		<i>For Fire Rated Panels, Add</i>	0.53	
		<i>For Up To 50, Add</i>	0.61	
		<i>For >50 To 200, Add</i>	0.35	
		<i>For >200 To 500, Add</i>	0.13	
		<i>For >2,500 To 4,000, Deduct</i>	-0.04	
		<i>For >4,000 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000, Deduct</i>	-0.12	
		<i>For Individual Room Quantities <495, Add</i>	0.17	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Acid Resistive, Add</i>	2.50	
		<i>For Black Ceiling Tiles, Add</i>	0.43	
		<i>For Ceilings >10' High, Add</i>	0.07	
09 51 13 00-0004	SF	2' x 4' x 5/8" Fiberglass Acoustical Ceiling Panel	1.66	0.39
		<i>For Recessed Edge, Add</i>	0.35	
		<i>For Fire Rated Panels, Add</i>	0.53	
		<i>For Up To 50, Add</i>	0.60	
		<i>For >50 To 200, Add</i>	0.34	
		<i>For >200 To 500, Add</i>	0.13	
		<i>For >2,500 To 4,000, Deduct</i>	-0.04	
		<i>For >4,000 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000, Deduct</i>	-0.12	
		<i>For Individual Room Quantities <495, Add</i>	0.17	
		<i>Note: For use with projects >500 SF</i>		
		<i>For Acid Resistive, Add</i>	2.50	
		<i>For Black Ceiling Tiles, Add</i>	0.43	
		<i>For Ceilings >10' High, Add</i>	0.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0005	SF	2' x 2' x 3/4"	Fiberglass Acoustical Ceiling Panel.....	3.28	0.39
			For Recessed Edge, Add	0.35	
			For Fire Rated Panels, Add	0.53	
			For Up To 50, Add	0.85	
			For >50 To 200, Add	0.51	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.25	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Black Ceiling Tiles, Add	1.31	
			For Ceilings >10' High, Add	0.07	
09 51 13 00-0006	SF	2' x 4' x 3/4"	Fiberglass Acoustical Ceiling Panel.....	3.28	0.39
			For Recessed Edge, Add	0.35	
			For Fire Rated Panels, Add	0.53	
			For Up To 50, Add	0.85	
			For >50 To 200, Add	0.51	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.25	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Black Ceiling Tiles, Add	1.31	
			For Ceilings >10' High, Add	0.07	
09 51 13 00-0007	SF	2' x 2' x 1"	Fiberglass Acoustical Ceiling Panel.....	3.48	0.47
			For Recessed Edge, Add	0.35	
			For Fire Rated Panels, Add	0.53	
			For Up To 50, Add	0.88	
			For >50 To 200, Add	0.53	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.26	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Ceilings >10' High, Add	0.07	
09 51 13 00-0008	SF	2' x 4' x 1"	Fiberglass Acoustical Ceiling Panel.....	3.48	0.47
			For Recessed Edge, Add	0.35	
			For Fire Rated Panels, Add	0.53	
			For Up To 50, Add	0.88	
			For >50 To 200, Add	0.53	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.26	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Ceilings >10' High, Add	0.07	
09 51 13 00-0009	Glass Cloth Faced Fiberglass Panels (09 51 13 00-0001)				
09 51 13 00-0010	SF	3/4"	Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	2.79	0.47
			For Fire Rated Panels, Add	0.58	
			For Up To 50, Add	0.87	
			For >50 To 200, Add	0.51	
			For >200 To 500, Add	0.20	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.18	
			For Individual Room Quantities <495, Add	0.25	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Ceilings >10' High, Add	0.08	
09 51 13 00-0011	SF	1"	Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	3.00	0.47
			For Fire Rated Panels, Add	0.58	
			For Up To 50, Add	0.90	
			For >50 To 200, Add	0.53	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.19	
			For Individual Room Quantities <495, Add	0.26	
			Note: For use with projects >500 SF		
			For Acid Resistive, Add	2.50	
			For Ceilings >10' High, Add	0.08	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0012	SF 1-1/2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	4.17	0.79
	For Fire Rated Panels, Add	0.65	
	For Up To 50, Add	1.22	
	For >50 To 200, Add	0.71	
	For >200 To 500, Add	0.28	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.15	
	For >5,000, Deduct	-0.26	
	For Individual Room Quantities <495, Add	0.36	
	Note: For use with projects >500 SF		
	For Acid Resistant, Add	2.50	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0013	SF 2" Thick Glass Cloth Faced Fiberglass Acoustical Ceiling Panels.....	5.17	0.79
	For Fire Rated Panels, Add	0.65	
	For Up To 50, Add	1.37	
	For >50 To 200, Add	0.81	
	For >200 To 500, Add	0.33	
	For >2,500 To 4,000, Deduct	-0.11	
	For >4,000 To 5,000, Deduct	-0.18	
	For >5,000, Deduct	-0.30	
	For Individual Room Quantities <495, Add	0.41	
	Note: For use with projects >500 SF		
	For Acid Resistant, Add	2.50	
	For Ceilings >10' High, Add	0.11	
09 51 13 00-0014	Mineral Fiber Panels (09 51 13)		
09 51 13 00-0015	Mineral Fiber Acoustical Ceiling Panels (09 51 13 00-0014)		
09 51 13 00-0016	SF 1' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	1.99	0.47
	For Vinyl Faced Panels, Add	1.10	
	For Fire Rated Panels, Add	0.55	
	For Moisture Resistant Panels, Add	1.10	
	For Up To 50, Add	0.69	
	For >50 To 200, Add	0.40	
	For >200 To 500, Add	0.15	
	For >2,500 To 4,000, Deduct	-0.04	
	For >4,000 To 5,000, Deduct	-0.08	
	For >5,000, Deduct	-0.14	
	For Individual Room Quantities <495, Add	0.20	
	Note: For use with projects >500 SF		
	For Acid Resistant, Add	2.50	
	For Rough Texture, Add	0.13	
	For Integrated Wood Trim, Add	7.65	
	For Vertical Application, Add	0.45	
	For Single Angled Tegular Edge (Reveal), Add	0.55	
	For Ceilings >10' High, Add	0.07	
09 51 13 00-0017	SF 2' x 2' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.42	0.47
	For Vinyl Faced Panels, Add	1.07	
	For Fire Rated Panels, Add	0.53	
	For Vinyl-Coated Aluminum Foil Surfaced, Add	1.39	
	For Moisture Resistant Panels, Add	1.07	
	For Up To 50, Add	0.57	
	For >50 To 200, Add	0.32	
	For >200 To 500, Add	0.12	
	For >2,500 To 4,000, Deduct	-0.03	
	For >4,000 To 5,000, Deduct	-0.06	
	For >5,000, Deduct	-0.11	
	For Individual Room Quantities <495, Add	0.16	
	Note: For use with projects >500 SF		
	For Acid Resistant, Add	2.50	
	For Rough Texture, Add	0.07	
	For Integrated Wood Trim, Add	7.59	
	For Vertical Application, Add	0.41	
	For Single Angled Tegular Edge (Reveal), Add	0.32	
	For Black Ceiling Tiles, Add	0.29	
	For Ceilings >10' High, Add	0.07	
09 51 13 00-0018	SF 2' x 2' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	2.05	0.47
	For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.29	
	For Vinyl Faced Panels, Add	1.07	
	For Fire Rated Panels, Add	0.53	
	For Moisture Resistant Panels, Add	1.07	
	For Up To 50, Add	0.67	
	For >50 To 200, Add	0.39	
	For >200 To 500, Add	0.15	
	For >2,500 To 4,000, Deduct	-0.05	
	For >4,000 To 5,000, Deduct	-0.08	
	For >5,000, Deduct	-0.14	
	For Individual Room Quantities <495, Add	0.19	
	Note: For use with projects >500 SF		
	For Integrated Wood Trim, Add	7.84	
	For Acid Resistant, Add	2.50	
	For Rough Texture, Add	0.14	
	For Vertical Application, Add	0.41	
	For Single Angled Tegular Edge (Reveal), Add	0.61	
	For Scored Acoustical Tile, Add	0.25	
	For Black Ceiling Tiles, Add	0.63	
	For Ceilings >10' High, Add	0.07	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
09 51 13 00-0019	SF 2' x 4' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.40		0.47
	For Vinyl Faced Panels, Add	1.06		
	For Fire Rated Panels, Add	0.53		
	For Vinyl-Coated Aluminum Foil Surfaced, Add	1.39		
	For Moisture Resistant Panels, Add	1.06		
	For Up To 50, Add	0.56		
	For >50 To 200, Add	0.32		
	For >200 To 500, Add	0.11		
	For >2,500 To 4,000, Deduct	-0.03		
	For >4,000 To 5,000, Deduct	-0.06		
	For >5,000, Deduct	-0.11		
	For Individual Room Quantities <495, Add	0.16		
	Note: For use with projects >500 SF			
	For Integrated Wood Trim, Add	9.08		
	For Acid Resistive, Add	2.50		
	For Rough Texture, Add	0.07		
	For Vertical Application, Add	0.40		
	For Single Angled Tegular Edge (Reveal), Add	0.32		
	For Black Ceiling Tiles, Add	0.29		
	For Ceilings >10' High, Add	0.07		
09 51 13 00-0020	SF 2' x 4' x 3/4" Mineral Fiber Acoustical Ceiling Panels.....	2.03		0.47
	For Premium Grade (Eclipse Or Cirrus, With Minimum .70 NRC) Ceiling Tile, Add	0.29		
	For Vinyl Faced Panels, Add	1.06		
	For Fire Rated Panels, Add	0.53		
	For Moisture Resistant Panels, Add	1.06		
	For Up To 50, Add	0.66		
	For >50 To 200, Add	0.38		
	For >200 To 500, Add	0.15		
	For >2,500 To 4,000, Deduct	-0.05		
	For >4,000 To 5,000, Deduct	-0.08		
	For >5,000, Deduct	-0.13		
	For Individual Room Quantities <495, Add	0.19		
	Note: For use with projects >500 SF			
	For Integrated Wood Trim, Add	9.33		
	For Acid Resistive, Add	2.50		
	For Rough Texture, Add	0.14		
	For Vertical Application, Add	0.40		
	For Single Angled Tegular Edge (Reveal), Add	0.61		
	For Scored Acoustical Tile, Add	0.25		
	For Black Ceiling Tiles, Add	0.63		
	For Ceilings >10' High, Add	0.07		
09 51 13 00-0021	SF 2' x 5' x 5/8" Mineral Fiber Acoustical Ceiling Panels.....	1.38		0.47
	For Vinyl Faced Panels, Add	1.05		
	For Fire Rated Panels, Add	0.52		
	For Moisture Resistant Panels, Add	1.05		
	For Up To 50, Add	0.55		
	For >50 To 200, Add	0.31		
	For >200 To 500, Add	0.11		
	For >2,500 To 4,000, Deduct	-0.03		
	For >4,000 To 5,000, Deduct	-0.06		
	For >5,000, Deduct	-0.11		
	For Individual Room Quantities <495, Add	0.16		
	Note: For use with projects >500 SF			
	For Integrated Wood Trim, Add	9.32		
	For Acid Resistive, Add	2.50		
	For Rough Texture, Add	0.07		
	For Vertical Application, Add	0.39		
	For Single Angled Tegular Edge (Reveal), Add	0.32		
	For Ceilings >10' High, Add	0.06		
09 51 13 00-0022	Wood Fiber Panels (09 51 13)			
09 51 13 00-0023	SF 2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	2.65		0.63
	For Up To 50, Add	0.96		
	For >50 To 200, Add	0.55		
	For >200 To 500, Add	0.20		
	For >2,500 To 4,000, Deduct	-0.06		
	For >4,000 To 5,000, Deduct	-0.11		
	For >5,000, Deduct	-0.19		
	For Individual Room Quantities <495, Add	0.27		
	Note: For use with projects >500 SF			
	For Flameproofing, Add	0.05		
	For Sculptured, 3 Dimensional, Add	0.10		
	For Ceilings >10' High, Add	0.11		
09 51 13 00-0024	SF 2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	2.51		0.55
	For Up To 50, Add	0.88		
	For >50 To 200, Add	0.51		
	For >200 To 500, Add	0.19		
	For >2,500 To 4,000, Deduct	-0.06		
	For >4,000 To 5,000, Deduct	-0.10		
	For >5,000, Deduct	-0.18		
	For Individual Room Quantities <495, Add	0.25		
	Note: For use with projects >500 SF			
	For Flameproofing, Add	0.05		
	For Sculptured, 3 Dimensional, Add	0.10		
	For Ceilings >10' High, Add	0.10		

09 Finishes**09 50 Ceilings****09 51 Acoustical Ceilings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 51 13 00-0025	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels	3.21	0.63
		For Up To 50, Add	1.05	
		For >50 To 200, Add	0.60	
		For >200 To 500, Add	0.23	
		For >2,500 To 4,000, Deduct	-0.07	
		For >4,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.21	
		For Individual Room Quantities <495, Add	0.30	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.11	
09 51 13 00-0026	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	3.07	0.55
		For Up To 50, Add	0.97	
		For >50 To 200, Add	0.56	
		For >200 To 500, Add	0.22	
		For >2,500 To 4,000, Deduct	-0.07	
		For >4,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.20	
		For Individual Room Quantities <495, Add	0.28	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.10	
09 51 13 00-0027	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	3.75	0.63
		For Up To 50, Add	1.13	
		For >50 To 200, Add	0.66	
		For >200 To 500, Add	0.26	
		For >2,500 To 4,000, Deduct	-0.08	
		For >4,000 To 5,000, Deduct	-0.14	
		For >5,000, Deduct	-0.23	
		For Individual Room Quantities <495, Add	0.33	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.11	
09 51 13 00-0028	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	3.61	0.55
		For Up To 50, Add	1.05	
		For >50 To 200, Add	0.62	
		For >200 To 500, Add	0.24	
		For >2,500 To 4,000, Deduct	-0.08	
		For >4,000 To 5,000, Deduct	-0.13	
		For >5,000, Deduct	-0.22	
		For Individual Room Quantities <495, Add	0.31	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.10	
09 51 13 00-0029	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	2.98	0.63
		For Up To 50, Add	1.01	
		For >50 To 200, Add	0.58	
		For >200 To 500, Add	0.22	
		For >2,500 To 4,000, Deduct	-0.07	
		For >4,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.20	
		For Individual Room Quantities <495, Add	0.29	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.11	
09 51 13 00-0030	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	2.84	0.55
		For Up To 50, Add	0.93	
		For >50 To 200, Add	0.54	
		For >200 To 500, Add	0.21	
		For >2,500 To 4,000, Deduct	-0.06	
		For >4,000 To 5,000, Deduct	-0.11	
		For >5,000, Deduct	-0.19	
		For Individual Room Quantities <495, Add	0.27	
		Note: For use with projects >500 SF		
		For Flameproofing, Add	0.05	
		For Sculptured, 3 Dimensional, Add	0.10	
		For Ceilings >10' High, Add	0.10	
09 51 13 00-0031		Removal And Reinstallation Of Acoustical Ceiling Panels <small>(09 51 13)</small>		
		Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0032	SF	Remove And Reinstall Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'	1.17	
		For Ceilings >10' High, Add	0.09	
09 51 13 00-0033	SF	Remove And Reinstall Acoustical Panels Only	0.76	
		For Ceilings >10' High, Add	0.06	
09 51 13 00-0034	SF	Remove And Reinstall Grid System Only	0.70	
		For Ceilings >10' High, Add	0.05	

09 51 23 Acoustical Tile Ceilings (09 51)

Note: Includes fastening with staples and/or adhesive.

09 51 23 00-0001 Mineral Fiber Acoustical Tile Ceilings (09 51 23)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0002	SF		12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile	3.58	0.87
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	1.33	
			For >50 To 200, Add	0.75	
			For >200 To 500, Add	0.28	
			For >2,500, Deduct	-0.18	
			For Ceilings >10' High, Add	0.15	
09 51 23 00-0003	SF		12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	4.18	0.87
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	1.42	
			For >50 To 200, Add	0.81	
			For >200 To 500, Add	0.31	
			For >2,500, Deduct	-0.21	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.24	
			For Ceilings >10' High, Add	0.15	
09 51 23 00-0004	SF		12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	4.66	0.87
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	1.49	
			For >50 To 200, Add	0.86	
			For >200 To 500, Add	0.33	
			For >2,500, Deduct	-0.23	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.24	
			For Ceilings >10' High, Add	0.15	
09 51 23 00-0005			Wood Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0006	SF		12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	3.32	0.87
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	1.29	
			For >50 To 200, Add	0.73	
			For >200 To 500, Add	0.26	
			For >2,500, Deduct	-0.17	
			For Ceilings >10' High, Add	0.15	
09 51 33			Acoustical Metal Pan Ceilings (09 51)		
09 51 33 13			Acoustical Snap-in Metal Pan Ceilings (09 51 33)		
09 51 33 13-0001			Metal Pan Units, 24 GA Steel (09 51 33 13)		
			Note: Excludes pads.		
09 51 33 13-0002	SF		12" x 12" - 24 Gauge, Acoustical Metal Pan Units	15.33	1.03
			For Up To 50, Add	3.20	
			For >50 To 200, Add	1.99	
			For >200 To 500, Add	0.88	
			For >2,500, Deduct	-0.77	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0003	SF		12" x 24" - 24 Gauge, Acoustical Metal Pan Units	16.27	1.03
			For Up To 50, Add	3.34	
			For >50 To 200, Add	2.08	
			For >200 To 500, Add	0.93	
			For >2,500, Deduct	-0.81	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0004	SF		12" x 12" - 0.025" Thick, Acoustical Aluminum Pan	9.32	1.03
			For Up To 50, Add	2.30	
			For >50 To 200, Add	1.38	
			For >200 To 500, Add	0.58	
			For >2,500, Deduct	-0.47	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0005	SF		12" x 24" - 0.025" Thick, Acoustical Aluminum Pan	10.05	1.03
			For Up To 50, Add	2.41	
			For >50 To 200, Add	1.46	
			For >200 To 500, Add	0.62	
			For >2,500, Deduct	-0.50	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0006	SF		12" x 12" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units.....	13.59	1.03
			For Up To 50, Add	2.94	
			For >50 To 200, Add	1.81	
			For >200 To 500, Add	0.79	
			For >2,500, Deduct	-0.68	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0007	SF		12" x 24" - 0.025" Thick, Acoustical Anodized Aluminum Pan Units.....	9.87	1.03
			For Up To 50, Add	2.38	
			For >50 To 200, Add	1.44	
			For >200 To 500, Add	0.61	
			For >2,500, Deduct	-0.49	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0008	SF		12" x 12" - 24 Gauge, Stainless Steel Acoustical Pan Units	34.42	1.03
			For Up To 50, Add	6.07	
			For >50 To 200, Add	3.89	
			For >200 To 500, Add	1.83	
			For >2,500, Deduct	-1.72	
			For Ceilings >10' High, Add	0.17	
09 51 33 13-0009	SF		12" x 24" - 24 Gauge, Stainless Steel Acoustical Pan Units	19.40	1.03
			For Up To 50, Add	3.81	
			For >50 To 200, Add	2.39	
			For >200 To 500, Add	1.08	
			For >2,500, Deduct	-0.97	
			For Ceilings >10' High, Add	0.17	

09 Finishes**09 50 Ceilings****09 51 Acoustical Ceilings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 51 33 13-0010	Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0011	SF 24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	11.95	0.69
09 51 33 13-0012	SF 24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™)	12.77	0.69
09 51 33 13-0013	Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0014	SF 24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.01	0.79
09 51 33 13-0015	SF 24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.08	0.79
09 51 33 13-0016	SF 24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.23	0.79
09 51 33 13-0017	SF 24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.40	0.79
09 51 33 13-0018	SF 24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.50	0.79
09 51 33 13-0019	SF 24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	14.70	0.79
09 51 33 13-0020	SF 24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	29.02	0.79
09 51 33 13-0021	SF 24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.29	0.79
09 51 33 13-0022	SF 30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.15	0.79
09 51 33 13-0023	SF 30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.89	0.79
09 51 33 13-0024	SF 30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.22	0.79
09 51 33 13-0025	SF 30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.73	0.79
09 51 33 13-0026	SF 30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.86	0.79
09 51 33 13-0027	SF 30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.27	0.79
09 51 33 13-0028	SF 30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	33.30	0.79
09 51 33 13-0029	SF 30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	16.11	0.79
09 51 33 13-0030	SF 12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.01	0.79
09 51 33 13-0031	SF 12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	17.85	0.79
09 51 33 13-0032	SF 12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	31.51	0.79
09 51 33 13-0033	SF 12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.35	0.79
09 51 33 13-0034	SF 12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.83	0.79
09 51 33 13-0035	SF 12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	18.06	0.79
09 51 33 13-0036	SF 12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	32.65	0.79
09 51 33 13-0037	SF 12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.84	0.79
09 51 33 13-0038	SF 24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	8.78	0.79
09 51 33 13-0039	SF 24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.34	0.79
09 51 33 13-0040	SF 24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.43	0.79
09 51 33 13-0041	SF 24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.68	0.79
09 51 33 13-0042	SF 24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.32	0.79
09 51 33 13-0043	SF 24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.23	0.79
09 51 33 13-0044	SF 24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	27.49	0.79
09 51 33 13-0045	SF 24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	12.68	0.79
09 51 33 23	Acoustical Lay-in Metal Pan Ceilings (09 51 33)		
09 51 33 23-0001	Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)		
09 51 33 23-0002	Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)		
09 51 33 23-0003	SF 24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	9.32	0.59
09 51 33 23-0004	SF 24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	10.54	0.59
09 51 33 23-0005	SF 24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	15.42	0.59
09 51 33 23-0006	SF 24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	13.12	0.59
09 51 33 23-0007	SF 24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.07	0.59
09 51 33 23-0008	SF 24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	22.07	0.59
09 51 33 23-0009	SF 30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	13.86	0.59
09 51 33 23-0010	SF 30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.15	0.59

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

09 51 33 23-0011	SF		48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	13.93	0.59
09 51 33 23-0012	SF		48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.25	0.59
09 51 33 23-0013	SF		12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.00	0.59
09 51 33 23-0014	SF		12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.19	0.59
09 51 33 23-0015	SF		24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	14.00	0.59
09 51 33 23-0016	SF		24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™)	17.32	0.59

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33 23-0018	SF		24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	11.99	0.59
09 51 33 23-0019	SF		24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	14.27	0.59
09 51 33 23-0020	SF		24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	15.30	0.59
09 51 33 23-0021	SF		24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	14.38	0.59
09 51 33 23-0022	SF		24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	14.76	0.59
09 51 33 23-0023	SF		24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®)	15.62	0.59

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)

09 51 33 33-0003	SF		24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	8.79	0.59
09 51 33 33-0004	SF		24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.88	0.59
09 51 33 33-0005	SF		24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	13.89	0.59
09 51 33 33-0006	SF		24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	9.98	0.59
09 51 33 33-0007	SF		24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	11.29	0.59
09 51 33 33-0008	SF		24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™)	15.14	0.59

09 53 Acoustical Ceiling Suspension Assemblies (09 50)

09 53 23 Metal Acoustical Ceiling Suspension Assemblies (09 53)

09 53 23 00-0001 Ceiling Suspension Systems (09 53 23)

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from structural steel, wood or metal deck, wood members or concrete deck above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002	SF		12" x 12" Ceiling Tile Size, Concealed 15/16" T Bar Ceiling Suspension System	3.64	0.39
			Note: Excludes ceiling tile.		
			For Vertical Application, Add	2.12	
			For Individual Room Quantities <495, Add	0.42	
			Note: For use with projects >500 SF		
			For Compression Struts With Splay Wires, Add	0.41	
			For Up To 50, Add	1.51	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.30	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.23	
			For Ceilings >10' High, Add	0.18	
09 53 23 00-0003	SF		1' x 2' Grid, 15/16" T Bar Ceiling Suspension System	2.98	0.39
			For UL Listed (Fire Guard), Add	0.13	
			For 1-1/2" Wide Faced Grid, Add	0.25	
			For Vertical Application, Add	1.83	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.22	
			For Individual Room Quantities <495, Add	0.36	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.40	
			For Compression Struts With Splay Wires, Add	0.33	
			For Up To 50, Add	1.28	
			For >50 To 200, Add	0.72	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.19	
			For Ceilings >10' High, Add	0.16	

09 Finishes

09 50 Ceilings

09 53 Acoustical Ceiling Suspension Assemblies

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0004	SF	2' x 2'	Grid, 15/16" T Bar Ceiling Suspension System .....2.45	2.45	0.39
			For UL Listed (Fire Guard), Add	0.09	
			For 1-1/2" Wide Faced Grid, Add	0.18	
			For Vertical Application, Add	1.59	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.16	
			For Individual Room Quantities <495, Add	0.30	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.28	
			For Compression Struts With Splay Wires, Add	0.27	
			For Up To 50, Add	1.10	
			For >50 To 200, Add	0.61	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.16	
			For Black Grid, Add	0.08	
			For Ceilings >10' High, Add	0.14	
			For Concealed Spline Grid, Add	0.34	
09 53 23 00-0005	SF	2' x 4'	Grid, 15/16" T Bar Ceiling Suspension System .....2.07	2.07	0.39
			For UL Listed (Fire Guard), Add	0.07	
			For 1-1/2" Wide Faced Grid, Add	0.14	
			For Vertical Application, Add	1.58	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.12	
			For Individual Room Quantities <495, Add	0.26	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.22	
			For Compression Struts With Splay Wires, Add	0.23	
			For Up To 50, Add	0.94	
			For >50 To 200, Add	0.52	
			For >200 To 500, Add	0.18	
			For >2,500 To 4,000, Deduct	-0.05	
			For >4,000 To 5,000, Deduct	-0.09	
			For >5,000, Deduct	-0.14	
			For Black Grid, Add	0.06	
			For Ceilings >10' High, Add	0.12	
			For Concealed Spline Grid, Add	0.28	
09 53 23 00-0006	SF	2' x 5'	Grid, 15/16" T Bar Ceiling Suspension System .....1.99	1.99	0.39
			For UL Listed (Fire Guard), Add	0.08	
			For 1-1/2" Wide Faced Grid, Add	0.15	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.14	
			For Individual Room Quantities <495, Add	0.24	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.25	
			For Compression Struts With Splay Wires, Add	0.22	
			For Up To 50, Add	0.87	
			For >50 To 200, Add	0.49	
			For >200 To 500, Add	0.17	
			For >2,500 To 4,000, Deduct	-0.05	
			For >4,000 To 5,000, Deduct	-0.09	
			For >5,000, Deduct	-0.13	
			For Ceilings >10' High, Add	0.11	
09 53 23 00-0007	SF	2', 15/16"	Suspended Ceiling Cross Tee .....0.59	0.59	0.23
			Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
			For 1-1/2" Wide Faced Grid, Add	0.04	
			For Vertical Application, Add	0.46	
			For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
			For 9/16" Narrow Faced Grid, Add	0.03	
			For Individual Room Quantities <495, Add	0.08	
			Note: For use with projects >500 SF		
			For Aluminum T-Bar System, Add	0.06	
			For Up To 50, Add	0.27	
			For >50 To 200, Add	0.15	
			For >200 To 500, Add	0.05	
			For >2,500 To 4,000, Deduct	-0.01	
			For >4,000 To 5,000, Deduct	-0.03	
			For >5,000, Deduct	-0.04	
			For Ceilings >10' High, Add	0.03	
09 53 23 00-0008			Ceiling Suspension System Accessories (09 53 23).....0.88	0.88	
09 53 23 00-0009	LF		For Pencil Rod Support With Accessories And Attachments (Seismic Control Or Where Required).....2.05	2.05	1.11
09 53 23 00-0010	LF	1" x 1/8"	Flat Bar Bracing For Suspended Ceiling.....1.25	1.25	
			For 316 Stainless Steel, Add	0.07	
			For Aluminum, Add	0.24	
			For Galvanized Steel, Add	1.11	
			For 304 Stainless Steel, Add		
09 53 23 00-0011	LF	1" x 3/16"	Flat Bar Bracing For Suspended Ceiling.....1.92	1.92	1.19
			For 316 Stainless Steel, Add	0.11	
			For Aluminum, Add	0.37	
			For Galvanized Steel, Add	1.71	
			For 304 Stainless Steel, Add		
09 53 23 00-0012	LF	1-1/2" x 1/4"	Flat Bar Bracing For Suspended Ceiling .....3.80	3.80	1.27
			For 316 Stainless Steel, Add	3.81	
			For Aluminum, Add	0.21	
			For Galvanized Steel, Add	0.74	
			For 304 Stainless Steel, Add	3.39	

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

09 54 Specialty Ceilings (09 50)

09 54 23 Linear Metal Ceilings (09 54)

09 54 23 00-0001 Linear Ceiling Systems (09 54 23)

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003	SF 4" Panel Width, 0.032" Aluminum, Linear Ceiling System	11.85	1.66
	For Up To 50, Add	3.37	
	For >50 To 200, Add	1.98	
	For >200 To 500, Add	0.79	
	For >2,500, Deduct	-0.59	
	For Ceilings >10' High, Add	0.30	
	For Linear Ceiling Systems Without Filler Strips, Deduct	-1.95	
	For Curved Ceilings, Add	1.02	
09 54 23 00-0004	SF 8" Panel Width, 0.032" Aluminum, Linear Ceiling System	9.75	1.66
	For Up To 50, Add	3.03	
	For >50 To 200, Add	1.76	
	For >200 To 500, Add	0.68	
	For >2,500, Deduct	-0.49	
	For Ceilings >10' High, Add	0.29	
	For Linear Ceiling Systems Without Filler Strips, Deduct	-0.96	
	For Curved Ceilings, Add	1.01	
09 54 23 00-0005	SF 12" Panel Width, 0.032" Aluminum, Linear Ceiling System	8.92	1.66
	For Up To 50, Add	2.87	
	For >50 To 200, Add	1.66	
	For >200 To 500, Add	0.64	
	For >2,500, Deduct	-0.45	
	For Ceilings >10' High, Add	0.29	
	For Linear Ceiling Systems Without Filler Strips, Deduct	-0.65	
	For Curved Ceilings, Add	0.99	

09 54 23 00-0006 Tin Ceilings (09 54 23)

09 54 23 00-0007	SF 2' x 2' Tin Ceiling Embossed Panels	11.87	2.58
	For Up To 50, Add	3.02	
	For >50 To 200, Add	1.81	
	For >200 To 500, Add	0.75	
	For >2,500, Deduct	-0.59	
	For Ceilings >10' High, Add	0.23	
09 54 23 00-0008	SF 12" x 12" Tin Ceiling Embossed Plates	17.26	1.66
	For Up To 50, Add	3.90	
	For >50 To 200, Add	2.38	
	For >200 To 500, Add	1.03	
	For >2,500, Deduct	-0.86	
	For Ceilings >10' High, Add	0.25	
09 54 23 00-0009	SF 12" x 24" Tin Ceiling Embossed Plates	12.81	1.66
	For Up To 50, Add	3.23	
	For >50 To 200, Add	1.94	
	For >200 To 500, Add	0.80	
	For >2,500, Deduct	-0.64	
	For Ceilings >10' High, Add	0.25	
09 54 23 00-0010	SF 24" x 24" Tin Ceiling Embossed Plates	11.77	1.66
	For Up To 50, Add	2.97	
	For >50 To 200, Add	1.78	
	For >200 To 500, Add	0.74	
	For >2,500, Deduct	-0.59	
	For Ceilings >10' High, Add	0.23	
09 54 23 00-0011	SF 24" x 48" Tin Ceiling Embossed Plates	10.27	1.25
	For Up To 50, Add	2.60	
	For >50 To 200, Add	1.56	
	For >200 To 500, Add	0.65	
	For >2,500, Deduct	-0.51	
	For Ceilings >10' High, Add	0.20	
09 54 23 00-0012	LF 3" Or 4" Wide Embossed Molding	8.73	2.49
	For Ceilings >10' High, Add	0.36	
09 54 23 00-0013	LF 6" Wide Embossed Molding	10.75	2.91
	For Ceilings >10' High, Add	0.41	
09 54 23 00-0014	LF 12" Wide Embossed Molding	14.31	3.40
	For Ceilings >10' High, Add	0.51	
09 54 23 00-0015	EA 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell	25.58	7.90
	For Ceilings >10' High, Add	1.16	
09 54 23 00-0016	EA 12" Wide Embossed Cross, Tee Or Ell	34.77	9.23
	For Ceilings >10' High, Add	1.39	

09 57 Special Function Ceilings (09 50)

09 57 00 00-0001 High Impact Ceiling Systems (09 57)

09 57 00 00-0002	SF Polyvinyl Chloride Face High Impact Ceiling Panels	4.30	0.79
	For Ceilings >10' High, Add	0.10	
09 57 00 00-0003	SF High Impact Clips	1.78	0.63
	For Ceilings >10' High, Add	0.07	

09 60 Flooring (09)

09 Finishes

09 60 Flooring

09 61 Flooring Treatment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 61 Flooring Treatment (09 60)

09 61 13 Slip-Resistant Flooring Treatment (09 61)

09 61 13 00-0001	Anti-Slip Tape <small>(09 61 13)</small>		
	Note: Grit sandpaper surface with adhesive back.		
09 61 13 00-0002	LF 1" Anti-Slip Tape	1.96	1.58
09 61 13 00-0003	LF 2" Anti-Slip Tape	2.42	1.74
09 61 13 00-0004	LF 3" Anti-Slip Tape	2.87	1.91
09 61 13 00-0005	LF 4" Anti-Slip Tape	3.31	2.10
09 61 13 00-0006	LF 6" Anti-Slip Tape	4.13	2.31
09 61 13 00-0007	LF 12" Anti-Slip Tape	7.09	3.47
09 61 13 00-0008	LF 24" Anti-Slip Tape	10.11	5.21

09 63 Masonry Flooring (09 60)

09 63 13 Brick Flooring (09 63)

09 63 13 00-0001	Clay Bricks <small>(09 63 13)</small>		
09 63 13 00-0002	SF 2-1/4" Thick Clay Brick Floor.....	18.85	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0003	SF 3" Thick Clay Brick Floor.....	20.89	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0004	SF 1/2" Thick Unglazed Clay Brick Floor.....	13.11	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0005	SF 1/2" Thick Glazed Clay Brick Floor	14.96	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0006	SF 3/4" Thick Unglazed Clay Brick Floor.....	13.94	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0007	SF 3/4" Thick Glazed Clay Brick Floor	16.39	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0008	SF 15/16" Thick Unglazed Clay Brick Floor.....	14.74	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	
09 63 13 00-0009	SF 15/16" Thick Glazed Clay Brick Floor.....	17.84	7.46
	For Basket Weave Pattern, Add	1.60	
	For Herringbone Pattern, Add	2.13	
	For Epoxy Joints, Add	4.38	

09 63 43 Composition Stone Flooring (09 63)

09 63 43 00-0001	Cupric Oxychloride Cement, Seamless Flooring System <small>(09 63 43)</small>		
	Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002	SF 3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	11.41	4.17

09 64 Wood Flooring (09 60)

09 64 13 Wood Flooring Underlayment (09 64)

09 64 13 00-0001	Wood Flooring Underlayment <small>(09 64 13)</small>		
09 64 13 00-0002	SF Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.38	
09 64 13 00-0003	SF Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.38	
09 64 13 00-0004	SF 30 LB, Waxed Paper, Wood Flooring Underlayment	0.39	
09 64 13 00-0005	SF 15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.41	
09 64 13 00-0006	SF 6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.50	
09 64 13 00-0007	SF 8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.58	
09 64 13 00-0008	SF 1/8" Thick, Natural Cork, Wood Flooring Underlayment.....	1.37	
09 64 13 00-0009	SF 1/4" Thick, Natural Cork, Wood Flooring Underlayment.....	1.43	
09 64 13 00-0010	SF 3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.57	
09 64 13 00-0011	SF 2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	0.67	
09 64 13 00-0012	SF 4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	0.72	
09 64 13 00-0013	SF 2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	0.85	
09 64 13 00-0014	SF 1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	0.86	

09 64 23 Wood Parquet Flooring (09 64)

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001	Hardwood Parquet Flooring <small>(09 64 23)</small>		
-------------------------	--	--	--

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

09 64 23 00-0002	SF			Oak Parquet Flooring 5/16" Thick.....	9.58	0.79
				For Up To 20, Add	3.66	
				For >20 To 50, Add	1.95	
				For >50 To 100, Add	0.97	
				For >100 To 300, Add	0.49	

09 64 29 Wood Strip And Plank Flooring (09 64)

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001 Unfinished Fir, Wood Strip Flooring (09 64 29)

09 64 29 00-0002	SF			3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	8.42	0.79
				For Factory Finish, Add	0.49	
				For Random Width Floor, Add	1.93	
				For Up To 20, Add	2.87	
				For >20 To 50, Add	1.55	
				For >50 To 100, Add	0.78	
				For >100 To 300, Add	0.39	

09 64 29 00-0003 Unfinished Oak, Wood Strip Flooring (09 64 29)

09 64 29 00-0004 Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)

09 64 29 00-0005	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	7.19	0.79
				For Factory Finish, Add	0.25	
				For Random Width Floor, Add	1.57	
				For Up To 20, Add	3.17	
				For >20 To 50, Add	1.65	
				For >50 To 100, Add	0.82	
				For >100 To 300, Add	0.41	
09 64 29 00-0006	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	7.52	0.79
				For Factory Finish, Add	0.29	
				For Random Width Floor, Add	1.65	
				For Up To 20, Add	3.22	
				For >20 To 50, Add	1.68	
				For >50 To 100, Add	0.84	
				For >100 To 300, Add	0.42	
09 64 29 00-0007	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	8.01	0.79
				For Factory Finish, Add	0.34	
				For Random Width Floor, Add	1.77	
				For Up To 20, Add	3.29	
				For >20 To 50, Add	1.73	
				For >50 To 100, Add	0.87	
				For >100 To 300, Add	0.43	
09 64 29 00-0008	SF			3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	6.21	0.79
				For Factory Finish, Add	0.27	
				For Random Width Floor, Add	1.37	
				For Up To 20, Add	2.53	
				For >20 To 50, Add	1.33	
				For >50 To 100, Add	0.67	
				For >100 To 300, Add	0.33	
09 64 29 00-0009	SF			3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	6.47	0.79
				For Factory Finish, Add	0.29	
				For Random Width Floor, Add	1.44	
				For Up To 20, Add	2.57	
				For >20 To 50, Add	1.36	
				For >50 To 100, Add	0.68	
				For >100 To 300, Add	0.34	
09 64 29 00-0010	SF			3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	6.98	0.79
				For Factory Finish, Add	0.34	
				For Random Width Floor, Add	1.57	
				For Up To 20, Add	2.65	
				For >20 To 50, Add	1.41	
				For >50 To 100, Add	0.71	
				For >100 To 300, Add	0.35	

09 64 29 00-0011 Unfinished Red Oak, Wood Strip Flooring (09 64 29 00-0003)

09 64 29 00-0012	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring	7.24	0.79
				For Factory Finish, Add	0.26	
				For Random Width Floor, Add	1.58	
				For Up To 20, Add	3.18	
				For >20 To 50, Add	1.65	
				For >50 To 100, Add	0.83	
				For >100 To 300, Add	0.41	
09 64 29 00-0013	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring	7.57	0.79
				For Factory Finish, Add	0.29	
				For Random Width Floor, Add	1.66	
				For Up To 20, Add	3.23	
				For >20 To 50, Add	1.69	
				For >50 To 100, Add	0.84	
				For >100 To 300, Add	0.42	
09 64 29 00-0014	SF			2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	8.07	0.79
				For Factory Finish, Add	0.34	
				For Random Width Floor, Add	1.79	
				For Up To 20, Add	3.30	
				For >20 To 50, Add	1.74	
				For >50 To 100, Add	0.87	
				For >100 To 300, Add	0.43	

09 Finishes

09 60 Flooring

09 64 Wood Flooring

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0015	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	6.26	0.79
			<i>For Factory Finish, Add</i>	0.27	
			<i>For Random Width Floor, Add</i>	1.39	
			<i>For Up To 20, Add</i>	2.54	
			<i>For >20 To 50, Add</i>	1.34	
			<i>For >50 To 100, Add</i>	0.67	
			<i>For >100 To 300, Add</i>	0.33	
09 64 29 00-0016	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	6.59	0.79
			<i>For Factory Finish, Add</i>	0.30	
			<i>For Random Width Floor, Add</i>	1.47	
			<i>For Up To 20, Add</i>	2.59	
			<i>For >20 To 50, Add</i>	1.37	
			<i>For >50 To 100, Add</i>	0.69	
			<i>For >100 To 300, Add</i>	0.34	
09 64 29 00-0017	SF		3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	7.04	0.79
			<i>For Factory Finish, Add</i>	0.35	
			<i>For Random Width Floor, Add</i>	1.58	
			<i>For Up To 20, Add</i>	2.66	
			<i>For >20 To 50, Add</i>	1.42	
			<i>For >50 To 100, Add</i>	0.71	
			<i>For >100 To 300, Add</i>	0.35	
09 64 29 00-0018			Unfinished Maple, Wood Strip Flooring <small>(09 64 29)</small>		
09 64 29 00-0019			25/32" Thick, Unfinished Maple, Wood Strip Flooring <small>(09 64 29 00-0018)</small>		
09 64 29 00-0020	SF		2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	8.46	0.79
			<i>For Factory Finish, Add</i>	0.38	
			<i>For Random Width Floor, Add</i>	1.88	
			<i>For Up To 20, Add</i>	3.36	
			<i>For >20 To 50, Add</i>	1.78	
			<i>For >50 To 100, Add</i>	0.89	
			<i>For >100 To 300, Add</i>	0.44	
09 64 29 00-0021	SF		2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	7.90	0.79
			<i>For Factory Finish, Add</i>	0.33	
			<i>For Random Width Floor, Add</i>	1.74	
			<i>For Up To 20, Add</i>	3.28	
			<i>For >20 To 50, Add</i>	1.72	
			<i>For >50 To 100, Add</i>	0.86	
			<i>For >100 To 300, Add</i>	0.43	
09 64 29 00-0022	SF		3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	7.59	0.79
			<i>For Factory Finish, Add</i>	0.40	
			<i>For Random Width Floor, Add</i>	1.72	
			<i>For Up To 20, Add</i>	2.74	
			<i>For >20 To 50, Add</i>	1.47	
			<i>For >50 To 100, Add</i>	0.74	
			<i>For >100 To 300, Add</i>	0.37	
09 64 29 00-0023	SF		3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	7.04	0.79
			<i>For Factory Finish, Add</i>	0.35	
			<i>For Random Width Floor, Add</i>	1.58	
			<i>For Up To 20, Add</i>	2.66	
			<i>For >20 To 50, Add</i>	1.42	
			<i>For >50 To 100, Add</i>	0.71	
			<i>For >100 To 300, Add</i>	0.35	
09 64 29 00-0024			33/32" Thick, Unfinished Maple, Wood Strip Flooring <small>(09 64 29 00-0018)</small>		
09 64 29 00-0025	SF		2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	9.65	0.79
			<i>For Factory Finish, Add</i>	0.50	
			<i>For Random Width Floor, Add</i>	2.18	
			<i>For Up To 20, Add</i>	3.54	
			<i>For >20 To 50, Add</i>	1.90	
			<i>For >50 To 100, Add</i>	0.95	
			<i>For >100 To 300, Add</i>	0.47	
09 64 29 00-0026	SF		2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	8.91	0.79
			<i>For Factory Finish, Add</i>	0.43	
			<i>For Random Width Floor, Add</i>	2.00	
			<i>For Up To 20, Add</i>	3.43	
			<i>For >20 To 50, Add</i>	1.82	
			<i>For >50 To 100, Add</i>	0.91	
			<i>For >100 To 300, Add</i>	0.46	
09 64 29 00-0027	SF		3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	8.85	0.79
			<i>For Factory Finish, Add</i>	0.53	
			<i>For Random Width Floor, Add</i>	2.03	
			<i>For Up To 20, Add</i>	2.93	
			<i>For >20 To 50, Add</i>	1.60	
			<i>For >50 To 100, Add</i>	0.80	
			<i>For >100 To 300, Add</i>	0.40	
09 64 29 00-0028	SF		3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	8.12	0.79
			<i>For Factory Finish, Add</i>	0.46	
			<i>For Random Width Floor, Add</i>	1.85	
			<i>For Up To 20, Add</i>	2.82	
			<i>For >20 To 50, Add</i>	1.52	
			<i>For >50 To 100, Add</i>	0.76	
			<i>For >100 To 300, Add</i>	0.38	

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

09 64 29 00-0029	Prefinished Engineered Wood Flooring <small>(09 64 29)</small>		
	Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.		
09 64 29 00-0030	SF 1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	9.42	0.79
	For Up To 20, Add	2.81	
	For >20 To 50, Add	1.56	
	For >50 To 100, Add	0.78	
	For >100 To 300, Add	0.39	
09 64 29 00-0031	SF 1/2" Thick, White Oak, Prefinished Engineered Wood Flooring	9.42	0.79
	For Up To 20, Add	2.81	
	For >20 To 50, Add	1.56	
	For >50 To 100, Add	0.78	
	For >100 To 300, Add	0.39	
09 64 29 00-0032	SF 1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	9.15	0.79
	For Up To 20, Add	2.77	
	For >20 To 50, Add	1.54	
	For >50 To 100, Add	0.77	
	For >100 To 300, Add	0.38	
09 64 29 00-0033	SF 1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	9.36	0.79
	For Up To 20, Add	2.80	
	For >20 To 50, Add	1.56	
	For >50 To 100, Add	0.78	
	For >100 To 300, Add	0.39	

09 64 66 Wood Athletic Flooring (09 64)

Note: On shims, sleepers and/or screeds. 1-1/2" or 2-1/4" widths. Excludes finish.

09 64 66 00-0001	Wood Gym/Stage/Dance Floors <small>(09 64 66)</small>		
	Note: Includes sanding and vent cove base. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0002	SF 25/32" Maple Wood Gym/Stage/Dance Floor	10.31	3.95
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	
09 64 66 00-0003	SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion)	13.68	5.14
	Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	
09 64 66 00-0004	SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok)	14.40	5.14
	Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	
09 64 66 00-0005	SF Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex)	15.87	5.14
	Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	
09 64 66 00-0006	SF Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus)	15.19	5.14
	Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	
09 64 66 00-0007	SF Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock)	17.34	5.14
	Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
	For Oak Or Birch, Deduct	-0.20	
	For Pine, Deduct	-0.30	
	For #1 Grade Material, Add	0.50	

09 65 Resilient Flooring (09 60)

See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.

09 65 13 Resilient Base And Accessories (09 65)

09 65 13 13 Resilient Base (09 65 13)

09 65 13 13-0001	Vinyl Plastic Wall Base <small>(09 65 13 13)</small>		
	Note: Includes inside and outside premolded corners.		
09 65 13 13-0002	LF 4" High, 1/8" Vinyl Plastic Base, All Colors	3.00	1.10
	For Up To 20, Add	1.34	
	For >20 To 40, Add	0.74	
	For >40 To 100, Add	0.26	
09 65 13 13-0003	LF 6" High, 1/8" Vinyl Plastic Base, All Colors	3.98	1.34
	For Up To 20, Add	1.66	
	For >20 To 40, Add	0.93	
	For >40 To 100, Add	0.33	

09 65 13 13-0004 1/8" Thick Rubber Wall Base (09 65 13 13)

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 13 13-0005	LF	4" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	3.40	1.34
		<i>For Up To 20, Add</i>	1.69	
		<i>For >20 To 40, Add</i>	0.93	
		<i>For >40 To 100, Add</i>	0.32	
09 65 13 13-0006	LF	6" High, 1/8" Rubber Base, Group 1 Black, Russet And Umber	3.59	1.34
		<i>For Up To 20, Add</i>	1.72	
		<i>For >20 To 40, Add</i>	0.95	
		<i>For >40 To 100, Add</i>	0.33	
09 65 13 13-0007	LF	4" High, 1/8" Rubber Base, Group 2 All (Except White)	3.47	1.34
		<i>For Up To 20, Add</i>	1.70	
		<i>For >20 To 40, Add</i>	0.94	
		<i>For >40 To 100, Add</i>	0.32	
09 65 13 13-0008	LF	6" High, 1/8" Rubber Base, Group 2 All (Except White)	3.73	1.34
		<i>For Up To 20, Add</i>	1.74	
		<i>For >20 To 40, Add</i>	0.97	
		<i>For >40 To 100, Add</i>	0.33	
09 65 13 13-0009	LF	4" High, 1/8" Rubber Base, Group 3 White Only	3.35	1.34
		<i>For Up To 20, Add</i>	1.69	
		<i>For >20 To 40, Add</i>	0.93	
		<i>For >40 To 100, Add</i>	0.32	
09 65 13 13-0010	LF	6" High, 1/8" Rubber Base, Group 3 Only	3.61	1.34
		<i>For Up To 20, Add</i>	1.73	
		<i>For >20 To 40, Add</i>	0.95	
		<i>For >40 To 100, Add</i>	0.33	
09 65 13 13-0011	EA	4" High, 1/8" Rubber Corner	3.95	1.34
09 65 13 13-0012	EA	6" High, 1/8" Rubber Corner	4.24	1.34

09 65 13 23 Resilient Stair Treads And Risers (09 65 13)

Note: All treads have integral nosing. Abrasive strip modifiers include either 1 or 2 strips running the length of the tread.
 All colors.

09 65 13 23-0001 Rubber Stair Treads and Risers (09 65 13 23)**09 65 13 23-0002 Raised Disc Or Other Patterned Rubber Stair Tread (09 65 13 23-0001)**

09 65 13 23-0003	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.43	1.78
		Note: Raised disc or other pattern.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0004	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.51	1.91
		Note: Raised disc or other pattern.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0005	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.85	2.04
		Note: Raised disc or other pattern.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	

09 65 13 23-0006 Smooth Surface Rubber Stair Tread (09 65 13 23-0001)

09 65 13 23-0007	LF	3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	13.59	1.78
		Note: Smooth surface.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0008	LF	1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.55	1.91
		Note: Smooth surface.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	17.62	2.05
		Note: Smooth surface.		
		<i>For Abrasive Strip, Add</i>	2.75	
		<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	

09 65 13 23-0010 Smooth Surface Rubber Stair Riser (09 65 13 23-0001)

09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser	7.92	1.06
------------------	----	---	------	------

09 65 13 23-0012 Smooth, Raised Disc or Other Patterned Rubber Landing Mats (09 65 13 23-0001)

09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats	15.42	1.64
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats	18.24	1.78
		Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats	19.77	2.00
		Note: Smooth, raised disc or other patterned surface.		

09 65 13 23-0016 Vinyl Stair Treads and Risers (09 65 13 23)**09 65 13 23-0017 Ribbed Vinyl Stair Tread (09 65 13 23-0016)**

09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	11.12	1.62
		<i>For Abrasive Strip, Add</i>	2.75	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	12.26	1.78
		<i>For Abrasive Strip, Add</i>	2.75	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	14.51	1.92
		<i>For Abrasive Strip, Add</i>	2.75	

09 65 13 23-0021 Smooth Surface Vinyl Stair Riser (09 65 13 23-0016)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 23-0022	LF		1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	6.32	1.06
09 65 13 23-0023			Rubber Stair Treads (09 65 13 23)		
09 65 13 23-0024	LF		Stair Tread (Norament Grano).....	20.50	1.91
09 65 13 23-0025	LF		Solid Stair Tread.....	18.69	1.91
09 65 13 23-0026	LF		Visibility Impaired (VI) Strip.....	6.40	1.91
09 65 13 33			Resilient Accessories (09 65 13)		
09 65 13 33-0001			Flexible Self Leveling Cementitious Underlayments (09 65 13 33)		
09 65 13 33-0002	SF		1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.39	0.88
09 65 13 33-0003	SF		1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.07	0.88
09 65 13 33-0004			Concrete Floor Prep (09 65 13 33)		
09 65 13 33-0005	SF		Remove Glue From Concrete Floor.....	1.10	
			Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 13 36			Resilient Carpet Transitions (09 65 13)		
09 65 13 36-0001			Vinyl Transition Strip (09 65 13 36)		
09 65 13 36-0002	LF		Vinyl Transition Strip, Brown Or Black	1.70	0.80
			For Up To 20, Add	0.70	
			For >20 To 40, Add	0.39	
			For >40 To 100, Add	0.14	
09 65 13 36-0003	LF		Vinyl Floor Tile Reducer Strip, Brown Or Black	1.57	0.80
			For Up To 20, Add	0.68	
			For >20 To 40, Add	0.38	
			For >40 To 100, Add	0.13	
09 65 13 36-0004	LF		Vinyl Floor Tile Feature Strip, Brown Or Black.....	1.42	0.80
			For Up To 20, Add	0.65	
			For >20 To 40, Add	0.36	
			For >40 To 100, Add	0.13	
09 65 16			Resilient Sheet Flooring (09 65)		
09 65 16 23			Vinyl Sheet Flooring (09 65 16)		
09 65 16 23-0001			Vinyl Sheet Flooring (09 65 16 23)		
			Note: For flash cove application, add additional square foot of material to form cove base.		
09 65 16 23-0002	SF		0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintech®).....	6.19	0.66
			For Up To 40, Add	3.01	
			For >40 To 100, Add	1.50	
			For >1,000, Deduct	-0.48	
09 65 16 23-0003	SF		0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring (Armstrong® Medintone™ Or Medley™).....	5.16	0.66
			For Up To 40, Add	2.80	
			For >40 To 100, Add	1.40	
			For >1,000, Deduct	-0.38	
09 65 16 23-0004	SF		0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Connection Corlon®).....	3.55	0.66
			For Up To 40, Add	2.48	
			For >40 To 100, Add	1.24	
			For >1,000, Deduct	-0.22	
09 65 16 23-0005	SF		0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring (Armstrong® Possibilities® Petit Point™).....	4.45	0.66
			For Up To 40, Add	2.66	
			For >40 To 100, Add	1.33	
			For >1,000, Deduct	-0.31	
09 65 16 23-0006	SF		0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring (Armstrong® Medintech Tandem®).....	5.77	0.66
			For Up To 40, Add	2.92	
			For >40 To 100, Add	1.46	
			For >1,000, Deduct	-0.44	
09 65 16 23-0007	SF		0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring (Armstrong® Safeguard®).....	7.77	0.66
			For Up To 40, Add	3.32	
			For >40 To 100, Add	1.66	
			For >1,000, Deduct	-0.64	
09 65 16 23-0008			Heat Welding Vinyl Sheet Flooring Seams (09 65 16 23)		
			Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 16 23-0009	LF		Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	6.05	
09 65 16 23-0010	LF		Heat Weld Patterned Vinyl Sheet Flooring Seams	6.27	
09 65 16 23-0011			Forming Vinyl Sheet Flooring Inside/Outside Cove Corners (09 65 16 23)		
			Note: Excludes heat welding.		
09 65 16 23-0012	EA		Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	14.80	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
09 65 16 23-0013 Vinyl Sheet Flooring Accessories (09 65 16 23)

09 65 16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	2.83	
09 65 16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	2.63	
09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip	3.75	
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap	2.29	

09 65 16 33 Rubber Sheet Flooring (09 65 16)**09 65 16 33-0001 Rubber Tile And Sheet Flooring (09 65 16 33)**

09 65 16 33-0002	SF	2mm Tile And Roll Goods; Environcare	5.68	1.04
09 65 16 33-0003	SF	3mm Tile And Roll Goods; Environcare	6.87	1.04
09 65 16 33-0004	SF	2mm Tile And Roll Goods; Sentica	5.68	1.04
09 65 16 33-0005	SF	3mm Tile And Roll Goods; Sentica	6.87	1.04

09 65 19 Resilient Tile Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring (09 65 19)**09 65 19 19-0001 Vinyl Composition Tile (VCT) (09 65 19 19)**

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®).....	2.70	1.34
		For 3/32" Thick, Deduct	-0.11	
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.07	
		For >20 To 40, Add	0.60	
		For >40 To 100, Add	0.22	
		For >1,000 To 3,000, Deduct	-0.06	
		For >3,000 To 6,000, Deduct	-0.17	
		For >6,000, Deduct	-0.31	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™)	2.70	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.07	
		For >20 To 40, Add	0.60	
		For >40 To 100, Add	0.22	
		For >1,000 To 3,000, Deduct	-0.06	
		For >3,000 To 6,000, Deduct	-0.17	
		For >6,000, Deduct	-0.31	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	2.70	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.07	
		For >20 To 40, Add	0.60	
		For >40 To 100, Add	0.22	
		For >1,000 To 3,000, Deduct	-0.06	
		For >3,000 To 6,000, Deduct	-0.17	
		For >6,000, Deduct	-0.31	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™).....	3.70	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.22	
		For >20 To 40, Add	0.70	
		For >40 To 100, Add	0.27	
		For >1,000 To 3,000, Deduct	-0.08	
		For >3,000 To 6,000, Deduct	-0.21	
		For >6,000, Deduct	-0.37	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	3.71	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.22	
		For >20 To 40, Add	0.70	
		For >40 To 100, Add	0.27	
		For >1,000 To 3,000, Deduct	-0.08	
		For >3,000 To 6,000, Deduct	-0.21	
		For >6,000, Deduct	-0.37	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®).....	3.90	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.25	
		For >20 To 40, Add	0.72	
		For >40 To 100, Add	0.28	
		For >1,000 To 3,000, Deduct	-0.09	
		For >3,000 To 6,000, Deduct	-0.21	
		For >6,000, Deduct	-0.38	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®)	3.93	1.34
		For Extra Stock, Material Only, Deduct	-1.57	
		For Up To 20, Add	1.25	
		For >20 To 40, Add	0.72	
		For >40 To 100, Add	0.28	
		For >1,000 To 3,000, Deduct	-0.09	
		For >3,000 To 6,000, Deduct	-0.21	
		For >6,000, Deduct	-0.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0009	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™).....	4.05	1.34
			<i>For Extra Stock, Material Only, Deduct</i>	-1.57	
			<i>For Up To 20, Add</i>	1.27	
			<i>For >20 To 40, Add</i>	0.74	
			<i>For >40 To 100, Add</i>	0.29	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.22	
			<i>For >6,000, Deduct</i>	-0.39	
09 65 19 19-0010	SF		1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™)	5.15	1.34
			<i>For Extra Stock, Material Only, Deduct</i>	-1.57	
			<i>For Up To 20, Add</i>	1.43	
			<i>For >20 To 40, Add</i>	0.85	
			<i>For >40 To 100, Add</i>	0.34	
			<i>For >1,000 To 3,000, Deduct</i>	-0.11	
			<i>For >3,000 To 6,000, Deduct</i>	-0.26	
			<i>For >6,000, Deduct</i>	-0.46	
09 65 19 19-0011	SF		1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	5.58	1.34
			<i>For Extra Stock, Material Only, Deduct</i>	-1.57	
			<i>For Up To 20, Add</i>	1.50	
			<i>For >20 To 40, Add</i>	0.89	
			<i>For >40 To 100, Add</i>	0.36	
			<i>For >1,000 To 3,000, Deduct</i>	-0.12	
			<i>For >3,000 To 6,000, Deduct</i>	-0.28	
			<i>For >6,000, Deduct</i>	-0.48	
09 65 19 19-0012	SF		1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™).....	7.26	1.34
			<i>For Extra Stock, Material Only, Deduct</i>	-1.57	
			<i>For Up To 20, Add</i>	1.75	
			<i>For >20 To 40, Add</i>	1.06	
			<i>For >40 To 100, Add</i>	0.45	
			<i>For >1,000 To 3,000, Deduct</i>	-0.15	
			<i>For >3,000 To 6,000, Deduct</i>	-0.35	
			<i>For >6,000, Deduct</i>	-0.58	
09 65 19 19-0013	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Mannington® Colorpoint®).....	4.34	1.04
			<i>For Extra Stock, Material Only, Deduct</i>	-1.22	
			<i>For Up To 20, Add</i>	1.16	
			<i>For >20 To 40, Add</i>	0.69	
			<i>For >40 To 100, Add</i>	0.28	
			<i>For >1,000 To 3,000, Deduct</i>	-0.09	
			<i>For >3,000 To 6,000, Deduct</i>	-0.22	
			<i>For >6,000, Deduct</i>	-0.38	
09 65 19 23 Vinyl Tile Flooring (09 65 19)					
09 65 19 23-0001			Vinyl Tile (09 65 19 23) Note: Any size.		
09 65 19 23-0002			Solid Vinyl Tile (SVT) (09 65 19 23-0001) Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande)	6.35	1.34
			<i>For Up To 20, Add</i>	1.86	
			<i>For >20 To 40, Add</i>	1.09	
			<i>For >40 To 100, Add</i>	0.43	
			<i>For >1,000 To 3,000, Deduct</i>	-0.14	
			<i>For >3,000 To 6,000, Deduct</i>	-0.33	
			<i>For >6,000, Deduct</i>	-0.59	
09 65 19 23-0004	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors)	6.50	1.34
			<i>For Up To 20, Add</i>	1.89	
			<i>For >20 To 40, Add</i>	1.11	
			<i>For >40 To 100, Add</i>	0.44	
			<i>For >1,000 To 3,000, Deduct</i>	-0.14	
			<i>For >3,000 To 6,000, Deduct</i>	-0.34	
			<i>For >6,000, Deduct</i>	-0.60	
09 65 19 23-0005	SF		1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	6.60	1.34
			<i>For Up To 20, Add</i>	1.90	
			<i>For >20 To 40, Add</i>	1.12	
			<i>For >40 To 100, Add</i>	0.44	
			<i>For >1,000 To 3,000, Deduct</i>	-0.14	
			<i>For >3,000 To 6,000, Deduct</i>	-0.34	
			<i>For >6,000, Deduct</i>	-0.60	
09 65 19 23-0006			Luxury Vinyl Tile (LVT) (09 65 19 23-0001)		
09 65 19 23-0007	SF		2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico).....	8.17	1.34
			<i>For >40 To 100, Add</i>	0.52	
			<i>For >1,000 To 3,000, Deduct</i>	-0.17	
			<i>For >3,000 To 6,000, Deduct</i>	-0.41	
			<i>For >6,000, Deduct</i>	-0.70	
09 65 19 33 Rubber Tile Flooring (09 65 19)					
09 65 19 33-0001			Rubber Tile Flooring (09 65 19 33)		
09 65 19 33-0002	SF		3.5mm, 39.3" Square Tile (Norament XP)	9.04	1.04
09 65 19 33-0003	SF		3.5mm, 39.3" Square Tile (Norament Grano)	8.50	1.04
09 65 19 33-0004	SF		3.5mm, 39.3" Square Tile (Norament Satura).....	8.50	1.04
09 65 19 33-0005			Rubber Tile (09 65 19 33)		

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 19 33-0006	Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0005)		
09 65 19 33-0007	SF 1/8" Thick Rubber Tile.....	12.23	0.80
	Note: Smooth, raised disc or other patterned surface.		
	For Up To 20, Add	2.49	
	For >20 To 40, Add	1.55	
	For >40 To 100, Add	0.69	
09 65 19 33-0008	SF 3/16" Thick Rubber Tile.....	14.75	0.88
	Note: Smooth, raised disc or other patterned surface.		
	For Up To 20, Add	2.92	
	For >20 To 40, Add	1.83	
	For >40 To 100, Add	0.83	
09 65 19 33-0009	SF 7/32" Thick Rubber Tile.....	16.09	0.88
	Note: Smooth, raised disc or other patterned surface.		
	For Up To 20, Add	3.13	
	For >20 To 40, Add	1.97	
	For >40 To 100, Add	0.89	

09 65 19 43 Polyester Composition Tile Flooring (09 65 19)

09 65 19 43-0001	Polyester Composition Floor Tile (09 65 19 43)		
	Note: Any size.		
09 65 19 43-0002	SF 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®).....	3.77	1.34
	For Extra Stock, Material Only, Deduct	-1.57	
	For Up To 20, Add	1.23	
	For >20 To 40, Add	0.71	
	For >40 To 100, Add	0.27	
	For >1,000 To 3,000, Deduct	-0.08	
	For >3,000 To 6,000, Deduct	-0.21	
	For >6,000, Deduct	-0.37	
09 65 19 43-0003	SF 1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®).....	4.22	1.34
	For Extra Stock, Material Only, Deduct	-1.57	
	For Up To 20, Add	1.29	
	For >20 To 40, Add	0.75	
	For >40 To 100, Add	0.29	
	For >1,000 To 3,000, Deduct	-0.09	
	For >3,000 To 6,000, Deduct	-0.23	
	For >6,000, Deduct	-0.40	

09 65 23 Resilient Plank Flooring (09 65)

09 65 23 00-0001	Vinyl Plank Flooring (09 65 23)		
09 65 23 00-0002	SF 0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	4.78	0.66
	For Up To 20, Add	2.72	
	For >40 To 100, Add	1.36	
	For >1,000, Deduct	-0.34	
09 65 23 00-0003	SF 0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	5.89	0.66
	For Up To 20, Add	2.95	
	For >40 To 100, Add	1.47	
	For >1,000, Deduct	-0.45	
09 65 23 00-0004	SF 0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	6.57	0.66
	For Up To 20, Add	3.08	
	For >40 To 100, Add	1.54	
	For >1,000, Deduct	-0.52	

09 65 43 Linoleum Flooring (09 65)

09 65 43 00-0001	Linoleum Flooring (09 65 43)		
09 65 43 00-0002	SF Linoleum Tile (Forbo Marmoleum Composition Tile, Armstrong).....	4.57	1.34
	For Up To 20, Add	1.59	
	For >20 To 40, Add	0.91	
	For >40 To 100, Add	0.34	
09 65 43 00-0003	SF Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real).....	5.88	0.66
09 65 43 00-0004	SF > 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Real).....	5.43	0.66
09 65 43 00-0005	SF Up To 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato).....	6.09	0.66
09 65 43 00-0006	SF > 76 SY 2.5mm, Linoleum Sheet (Forbo Marmoleum Striato).....	5.68	0.66
09 65 43 00-0007	SF Up To 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette).....	6.09	0.66
09 65 43 00-0008	SF > 76 SY 2.5mm, Linoleum Sheet (Armstrong Marmorette).....	5.51	0.66
09 65 43 00-0009	SF Up To 76 SY 2.5mm, Linoleum Sheet (Uni Walton).....	7.43	0.66
09 65 43 00-0010	SF > 76 SY 2.5mm, Linoleum Sheet (Uni Walton).....	6.85	0.66
09 65 43 00-0011	LF Heat Weld Linoleum Sheet Flooring Seams.....	6.06	
	Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		

09 65 66 Resilient Athletic Flooring (09 65)

09 65 66 00-0001	Sheet Goods For Gym (09 65 66)		
09 65 66 00-0002	SF 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	8.26	3.73
09 65 66 00-0003	SF 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	8.43	3.73
09 65 66 00-0004	SF 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	8.61	3.73
09 65 66 00-0005	SF 1/8" Rubber Sheet Good For Gym Floor Base.....	8.10	4.15
09 65 66 00-0006	SF 3/16" Rubber Sheet Good For Gym Floor Base.....	10.18	4.97
09 65 66 00-0007	SF 1/4" Rubber Sheet Good For Gym Floor Base.....	11.46	5.50

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

09 65 66 00-0008 Interlocking Rubber Flooring (09 65 66)					
09 65 66 00-0009	SF		3/8" Interlocking Rubber Athletic Flooring (Pawling HL-155) Note: Black with hidden or exposed locks.	21.02	0.62
			<i>For Colors, Add</i>	2.52	
09 65 66 00-0010	SF		9/16" Interlocking Rubber Athletic Flooring (Pawling HL-100) Note: Black with hidden or exposed locks.	32.22	0.62
			<i>For Colors, Add</i>	3.92	
09 65 66 00-0011	SF		7/16" Interlocking Rubber Athletic Flooring (Pawling PL-100) Note: Black with hidden or exposed locks.	18.77	0.62
			<i>For Colors, Add</i>	2.24	
09 65 66 00-0012	SF		9/16" Interlocking Rubber Athletic Flooring (Pawling PL-200) Note: Black with hidden or exposed locks.	22.44	0.62
			<i>For Colors, Add</i>	2.70	
09 65 66 00-0013	SF		7/16" Interlocking Rubber Athletic Flooring (Pawling FL-150)..... Note: Black with hidden or exposed locks.	18.77	0.62
			<i>For Colors, Add</i>	2.24	

09 65 66 00-0014 Polyurethane Floor Systems (09 65 66)					
See CSI section 09 93 23 53-0022 for game lines.					
09 65 66 00-0015	SF		7 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	13.78	1.78
09 65 66 00-0016	SF		9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic)	15.00	1.78

09 66 Terrazzo Flooring (09 60)

09 66 13 Portland Cement Terrazzo Flooring (09 66)					
Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.					

09 66 13 00-0001 Floors Bonded To Concrete (09 66 13)					
Note: 1-3/4" Thick - 5/8" topping.					
09 66 13 00-0002	SF		Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	22.17	2.33
			<i>For Venetian Type Terrazzo, Add</i>	6.30	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	6.30	
			<i>For Colors, Add</i>	3.15	
			<i>For Up To 100, Add</i>	5.09	
			<i>For >100 To 250, Add</i>	2.54	
09 66 13 00-0003	SF		Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	22.32	2.33
			<i>For Venetian Type Terrazzo, Add</i>	6.38	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	6.38	
			<i>For Colors, Add</i>	3.19	
			<i>For Up To 100, Add</i>	5.10	
			<i>For >100 To 250, Add</i>	2.55	

09 66 13 00-0004 Floors Not Bonded To Concrete (09 66 13)					
Note: 3" Thick - 5/8" topping and 1/4" sand cushion.					
09 66 13 00-0005	SF		Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	27.73	2.33
			<i>For Venetian Type Terrazzo, Add</i>	7.64	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	7.64	
			<i>For Colors, Add</i>	3.82	
			<i>For Up To 100, Add</i>	6.51	
			<i>For >100 To 250, Add</i>	3.26	
09 66 13 00-0006	SF		Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	27.88	2.33
			<i>For Venetian Type Terrazzo, Add</i>	7.71	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	7.71	
			<i>For Colors, Add</i>	3.86	
			<i>For Up To 100, Add</i>	6.53	
			<i>For >100 To 250, Add</i>	3.26	

09 66 13 00-0007 Monolithic Terrazzo (09 66 13)					
09 66 13 00-0008	SF		Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4'-5' Square Panels Topping (Including Mesh And Felt)	15.65	2.33
			<i>For Venetian Type Terrazzo, Add</i>	5.56	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	5.56	
			<i>For Colors, Add</i>	2.78	
			<i>For Up To 100, Add</i>	2.92	
			<i>For >100 To 250, Add</i>	1.46	

09 66 13 00-0009 Terrazzo Wainscot (09 66 13)					
09 66 13 00-0010	SF		Terrazzo Wainscot Cast In Place 1-1/2" Thick Bonded To Concrete Or Masonry 1-1/2" Thick	28.90	3.11
			<i>For Venetian Type Terrazzo, Add</i>	4.08	

09 66 13 00-0011 Terrazzo Base (09 66 13)					
09 66 13 00-0012	SF		Terrazzo Base, Cast In Place, 6" Cove Type.....	31.06	2.39
			<i>For Venetian Type Terrazzo, Add</i>	8.90	

09 66 13 00-0013 Terrazzo Curb (09 66 13)					
09 66 13 00-0014	LF		6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	76.79	15.92
			<i>For Venetian Type Terrazzo, Add</i>	11.86	

09 Finishes**09 60 Flooring****09 66 Terrazzo Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 66 13 00-0015	Stairs Cast In Place <small>(09 66 13)</small> Note: Topping applied to concrete or metal.		
09 66 13 00-0016	LF Cast In Place Terrazzo Stair, 1-1/2" Thick x 12" Wide, Applied To Concrete Or Metal.....	29.30	4.67
	For Each SF Of Abrasive Surface Finish, Add	0.35	
	For Each LF Of Embedded Abrasive Strips, Add	0.56	
	For Each LF Of Abrasive Metal Nosing, Add	3.90	
	For Each SF Of Landings, Add	1.50	
09 66 13 00-0017	LF Cast In Place Terrazzo Stair Tread And Riser, Applied To Concrete Or Metal.....	72.47	15.56
	For Each SF Of Abrasive Surface Finish, Add	0.35	
	For Each LF Of Embedded Abrasive Strips, Add	0.56	
	For Each LF Of Abrasive Metal Nosing, Add	3.90	
	For Each SF Of Landings, Add	1.50	
09 66 13 00-0018	SF Cast In Place Terrazzo Stair Stringer And Fascia, Applied To Concrete Or Metal.....	29.75	4.67
	For Each SF Of Abrasive Surface Finish, Add	0.35	
	For Each LF Of Embedded Abrasive Strips, Add	0.56	
	For Each LF Of Abrasive Metal Nosing, Add	3.90	
	For Each SF Of Landings, Add	1.50	
09 66 13 00-0019	Divider Strips <small>(09 66 13)</small>		
09 66 13 00-0020	LF 1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip.....	3.71	0.78
09 66 13 00-0021	LF 1-1/4" Deep, 14 Gauge, Brass, Divider Strip.....	3.16	0.78
09 66 13 00-0022	LF 1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip.....	5.64	0.78
09 66 13 00-0023	LF 1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip.....	8.08	0.78
09 66 13 00-0024	LF 1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors.....	3.62	0.78
09 66 13 00-0025	LF 1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors.....	5.16	0.78
09 66 13 00-0026	LF Vinyl Plastic, Divider Strip For Floor.....	3.64	0.78
09 66 16	Terrazzo Floor Tile <small>(09 66)</small>		
09 66 16 00-0001	Flooring Tiles <small>(09 66 16)</small> Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 00-0002	Terrazzo Tiles With Non Slip Surface <small>(09 66 16 00-0001)</small>		
09 66 16 00-0003	SF 9" x 9" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	24.47	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0004	SF 12" x 12" x 1" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	25.19	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0005	SF 12" x 12" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	29.31	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0006	SF 18" x 18" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	31.64	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0007	SF 24" x 24" x 1-1/2" Non Slip Precast Terrazzo, Thin Set Floor Tile.....	33.44	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0008	Terrazzo Tile Thin Set <small>(09 66 16 00-0001)</small>		
09 66 16 00-0009	SF Precast Terrazzo, 1/4"-1/2" Chips Floor Tiles, Thin Set Gray Cement Bed.....	24.35	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0010	SF Precast Terrazzo, 3/8"-1" Chips Floor Tiles, Thin Set Gray Cement Bed.....	26.10	2.09
	For White Cement, Add	0.36	
	For Venetian Type Terrazzo, Add	2.00	
09 66 16 00-0011	Thin Set Terrazzo Wainscot <small>(09 66 16 00-0001)</small>		
09 66 16 00-0012	SF 12" x 12" x 1" Terrazzo Tile Wainscot Thin Set.....	38.87	4.78
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0013	SF 18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set.....	44.28	4.78
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0014	Thin Set Terrazzo Base, Gray Cement <small>(09 66 16 00-0001)</small>		
09 66 16 00-0015	LF 6" High, Straight Terrazzo Base Thin Set, Gray Cement.....	13.08	2.39
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0016	LF 6" High, Cove Terrazzo Base Thin Set, Gray Cement.....	14.69	2.39
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0017	LF 8" High, Straight Terrazzo Base Thin Set, Gray Cement.....	15.29	2.39
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0018	LF 8" High, Cove Terrazzo Base Thin Set, Gray Cement.....	16.10	2.39
	For Each LF Of White Cement, Add	0.50	
	For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 00-0019	Terrazzo Curbs <small>(09 66 16 00-0001)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 00-0020	LF		8" x 8" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	25.79 0.50 1.00	3.18
09 66 16 00-0021	LF		6" x 6" Curb, Terrazzo Tile..... <i>For Each LF Of White Cement, Add</i> <i>For Each LF Of Zinc Toe Strip, Add</i>	24.99 0.50 1.00	3.18
09 66 16 00-0022			Precast Terrazzo Stair Treads 12" Wide <small>(09 66 16 00-0001)</small>		
09 66 16 00-0023	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	65.12	3.18
09 66 16 00-0024	LF		1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non Slip Surface	55.45	3.18
09 66 16 00-0025	LF		2" Precast Terrazzo Straight Stair Tread	49.00	3.18
09 66 16 00-0026	LF		2" Precast Terrazzo Curved Stair Tread	57.45	3.18
09 66 16 00-0027			Stair Risers, 1" Thick To 6" High, Straight <small>(09 66 16 00-0001)</small>		
09 66 16 00-0028	LF		1"-6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	29.30	2.39
09 66 16 00-0029	LF		1"-6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	34.14	2.39
09 66 16 00-0030			Stair Risers, 1" Thick To 6" High, Curved <small>(09 66 16 00-0001)</small>		
09 66 16 00-0031	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	43.39	2.39
09 66 16 00-0032	LF		1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set	46.62	2.39
09 66 16 00-0033			Tread And Riser <small>(09 66 16)</small>		
09 66 16 00-0034			Stair Stringers, Notched For Treads And Risers <small>(09 66 16 00-0033)</small>		
09 66 16 00-0035	LF		1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	72.41	6.37
09 66 16 00-0036	LF		2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	87.49	6.37
09 66 16 00-0037			Structural Non-Slip Landings <small>(09 66 16 00-0033)</small>		
09 66 16 00-0038	SF		1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	52.25	3.18
09 66 16 00-0039	SF		3" Thick Precast Terrazzo Stair Landing Structural, Non Slip.....	64.49	3.18
09 66 16 00-0040			Combined Tread And Riser <small>(09 66 16 00-0033)</small>		
09 66 16 00-0041			Straight Sections <small>(09 66 16 00-0040)</small>		
09 66 16 00-0042	LF		Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	114.79	6.37
09 66 16 00-0043	LF		Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	137.36	6.37
09 66 16 00-0044			Curved Sections <small>(09 66 16 00-0040)</small>		
09 66 16 00-0045	LF		Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	144.25	6.37
09 66 16 00-0046	LF		Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	182.95	6.37
09 66 23			Resinous Matrix Terrazzo Flooring <small>(09 66)</small>		
09 66 23 16			Epoxy-Resin Terrazzo Flooring <small>(09 66 23)</small>		
09 66 23 16-0001			Epoxy Terrazzo <small>(09 66 23 16)</small>		
09 66 23 16-0002	SF		Chemical Resistant Epoxy Terrazzo, 1/4" Thick	21.31	2.33
09 66 33			Conductive Terrazzo Flooring <small>(09 66)</small>		
			Note: For anti-static areas.		
09 66 33 13			Conductive Epoxy-Resin Terrazzo <small>(09 66 33)</small>		
09 66 33 13-0001	SF		Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	22.62	3.98
09 66 33 13-0002	SF		Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	41.45	3.98
09 66 33 16			Conductive Polyester-Resin Terrazzo Flooring <small>(09 66 33)</small>		
09 66 33 16-0001	SF		Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial.....	17.25	3.98
09 66 33 16-0002	SF		Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	29.98	3.98
09 66 33 19			Conductive Plastic-Matrix Terrazzo Flooring <small>(09 66 33)</small>		
09 66 33 19-0001	SF		Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	19.23	3.98
09 66 33 19-0002	SF		Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	37.26	3.98
09 66 33 19-0003	SF		Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial	28.15	3.98
09 66 33 19-0004	SF		Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	31.82	3.98
09 67			Fluid-Applied Flooring <small>(09 60)</small>		
09 67 16			Epoxy-Marble Chip Flooring <small>(09 67)</small>		
09 67 16 00-0001			Epoxy Marble Chip Flooring <small>(09 67 16)</small>		
09 67 16 00-0002	SF		Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base..... <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	11.38 0.04 0.04	2.33

09 Finishes

09 60 Flooring

09 67 Fluid-Applied Flooring

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	11.98	2.33
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.05	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.05	

09 67 29 Epoxy Flooring (09 67)

09 67 29 00-0001 Epoxy Flooring (09 67 29)

Note: Includes primer and topcoats (assorted colors), existing floor preparation of sand or bead blasting, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes.

09 67 29 00-0002	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16" Heavy Duty (6,000 - 7,500 PSI)	9.72	5.29
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.04	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.04	
		<i>For Up To 500, Add</i>	1.81	
		<i>For >500 To 1,000, Add</i>	1.15	
		<i>For >1,000 To 2,000, Add</i>	0.57	
09 67 29 00-0003	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/16", Chemical Resistant (10,000 - 12,000 PSI)	13.94	5.29
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.08	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.08	
		<i>For Up To 500, Add</i>	2.86	
		<i>For >500 To 1,000, Add</i>	1.78	
		<i>For >1,000 To 2,000, Add</i>	0.89	
09 67 29 00-0004	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4" Heavy Duty (6,000 - 7,500 PSI)	11.01	5.91
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.04	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.04	
		<i>For Up To 500, Add</i>	2.04	
		<i>For >500 To 1,000, Add</i>	1.30	
		<i>For >1,000 To 2,000, Add</i>	0.65	
09 67 29 00-0005	SF	Epoxy Flooring Trowel Applied Mortar Compound, 1/4", Chemical Resistant (10,000 - 12,000 PSI)	15.85	5.91
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.09	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.09	
		<i>For Up To 500, Add</i>	3.25	
		<i>For >500 To 1,000, Add</i>	2.02	
		<i>For >1,000 To 2,000, Add</i>	1.01	
09 67 29 00-0006	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8" Heavy Duty (6,000 - 7,500 PSI)	12.29	6.61
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.05	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.05	
		<i>For Up To 500, Add</i>	2.29	
		<i>For >500 To 1,000, Add</i>	1.45	
		<i>For >1,000 To 2,000, Add</i>	0.73	
09 67 29 00-0007	SF	Epoxy Flooring Trowel Applied Mortar Compound, 3/8", Chemical Resistant (10,000 - 12,000 PSI)	17.42	6.61
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.10	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.10	
		<i>For Up To 500, Add</i>	3.58	
		<i>For >500 To 1,000, Add</i>	2.22	
		<i>For >1,000 To 2,000, Add</i>	1.11	

09 68 Carpeting (09 68)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting (09 68)

09 68 13 00-0001 Tufted Carpet Tile With Fiberglass Reinforced Backing (09 68 13)

Note: Includes glue (Lees ICT Backing System)

09 68 13 00-0002 Non-Patterned Carpet Tiles (09 68 13 00-0001)

09 68 13 00-0003	SY	18 Ounce, Non Patterned, Nylon Carpet Tile	42.76	5.33
		<i>For >200 To 400, Deduct</i>	-0.59	
		<i>For >400 To 600, Deduct</i>	-0.89	
		<i>For >600 To 900, Deduct</i>	-1.68	
		<i>For >900 To 1,500, Deduct</i>	-2.47	
		<i>For >1,500 To 2,200, Deduct</i>	-3.62	
		<i>For >2,200 To 3,500, Deduct</i>	-4.69	
		<i>For >3,500, Deduct</i>	-5.76	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0004	SY	20 Ounce, Non Patterned, Nylon Carpet Tile	44.56	5.33
		<i>For >200 To 400, Deduct</i>	-0.63	
		<i>For >400 To 600, Deduct</i>	-0.95	
		<i>For >600 To 900, Deduct</i>	-1.77	
		<i>For >900 To 1,500, Deduct</i>	-2.60	
		<i>For >1,500 To 2,200, Deduct</i>	-3.80	
		<i>For >2,200 To 3,500, Deduct</i>	-4.92	
		<i>For >3,500, Deduct</i>	-6.03	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0005	SY	22 Ounce, Non Patterned, Nylon Carpet Tile	50.28	5.33
		<i>For >200 To 400, Deduct</i>	-0.74	
		<i>For >400 To 600, Deduct</i>	-1.12	
		<i>For >600 To 900, Deduct</i>	-2.06	
		<i>For >900 To 1,500, Deduct</i>	-3.00	
		<i>For >1,500 To 2,200, Deduct</i>	-4.38	
		<i>For >2,200 To 3,500, Deduct</i>	-5.63	
		<i>For >3,500, Deduct</i>	-6.89	
		<i>For Cushion Backed Tile, Add</i>	4.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0006	SY	24 Ounce, Non Patterned, Nylon Carpet Tile.....	55.85	5.33
			<i>For >200 To 400, Deduct</i>	-0.86	
			<i>For >400 To 600, Deduct</i>	-1.28	
			<i>For >600 To 900, Deduct</i>	-2.34	
			<i>For >900 To 1,500, Deduct</i>	-3.39	
			<i>For >1,500 To 2,200, Deduct</i>	-4.93	
			<i>For >2,200 To 3,500, Deduct</i>	-6.33	
			<i>For >3,500, Deduct</i>	-7.72	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0007	SY	26 Ounce, Non Patterned, Nylon Carpet Tile.....	59.11	5.33
			<i>For >200 To 400, Deduct</i>	-0.92	
			<i>For >400 To 600, Deduct</i>	-1.38	
			<i>For >600 To 900, Deduct</i>	-2.50	
			<i>For >900 To 1,500, Deduct</i>	-3.62	
			<i>For >1,500 To 2,200, Deduct</i>	-5.26	
			<i>For >2,200 To 3,500, Deduct</i>	-6.74	
			<i>For >3,500, Deduct</i>	-8.21	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0008	SY	28 Ounce, Non Patterned, Nylon Carpet Tile.....	62.45	5.33
			<i>For >200 To 400, Deduct</i>	-0.99	
			<i>For >400 To 600, Deduct</i>	-1.48	
			<i>For >600 To 900, Deduct</i>	-2.67	
			<i>For >900 To 1,500, Deduct</i>	-3.85	
			<i>For >1,500 To 2,200, Deduct</i>	-5.59	
			<i>For >2,200 To 3,500, Deduct</i>	-7.15	
			<i>For >3,500, Deduct</i>	-8.71	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0009	SY	30 Ounce, Non Patterned, Nylon Carpet Tile.....	63.44	5.33
			<i>For >200 To 400, Deduct</i>	-1.01	
			<i>For >400 To 600, Deduct</i>	-1.51	
			<i>For >600 To 900, Deduct</i>	-2.71	
			<i>For >900 To 1,500, Deduct</i>	-3.92	
			<i>For >1,500 To 2,200, Deduct</i>	-5.69	
			<i>For >2,200 To 3,500, Deduct</i>	-7.28	
			<i>For >3,500, Deduct</i>	-8.86	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0010	SY	32 Ounce, Non Patterned, Nylon Carpet Tile.....	64.06	5.33
			<i>For >200 To 400, Deduct</i>	-1.02	
			<i>For >400 To 600, Deduct</i>	-1.53	
			<i>For >600 To 900, Deduct</i>	-2.75	
			<i>For >900 To 1,500, Deduct</i>	-3.96	
			<i>For >1,500 To 2,200, Deduct</i>	-5.75	
			<i>For >2,200 To 3,500, Deduct</i>	-7.35	
			<i>For >3,500, Deduct</i>	-8.96	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0011	SY	34 Ounce, Non Patterned, Nylon Carpet Tile.....	64.58	5.33
			<i>For >200 To 400, Deduct</i>	-1.03	
			<i>For >400 To 600, Deduct</i>	-1.55	
			<i>For >600 To 900, Deduct</i>	-2.77	
			<i>For >900 To 1,500, Deduct</i>	-4.00	
			<i>For >1,500 To 2,200, Deduct</i>	-5.81	
			<i>For >2,200 To 3,500, Deduct</i>	-7.42	
			<i>For >3,500, Deduct</i>	-9.03	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0012	SY	36 Ounce, Non Patterned, Nylon Carpet Tile.....	66.36	5.33
			<i>For >200 To 400, Deduct</i>	-1.07	
			<i>For >400 To 600, Deduct</i>	-1.60	
			<i>For >600 To 900, Deduct</i>	-2.86	
			<i>For >900 To 1,500, Deduct</i>	-4.12	
			<i>For >1,500 To 2,200, Deduct</i>	-5.98	
			<i>For >2,200 To 3,500, Deduct</i>	-7.64	
			<i>For >3,500, Deduct</i>	-9.30	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0013	SY	38 Ounce, Non Patterned, Nylon Carpet Tile.....	69.89	5.33
			<i>For >200 To 400, Deduct</i>	-1.14	
			<i>For >400 To 600, Deduct</i>	-1.70	
			<i>For >600 To 900, Deduct</i>	-3.04	
			<i>For >900 To 1,500, Deduct</i>	-4.37	
			<i>For >1,500 To 2,200, Deduct</i>	-6.34	
			<i>For >2,200 To 3,500, Deduct</i>	-8.08	
			<i>For >3,500, Deduct</i>	-9.83	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	
09 68	13 00-0014	SY	40 Ounce, Non Patterned, Nylon Carpet Tile.....	73.68	5.33
			<i>For >200 To 400, Deduct</i>	-1.21	
			<i>For >400 To 600, Deduct</i>	-1.82	
			<i>For >600 To 900, Deduct</i>	-3.23	
			<i>For >900 To 1,500, Deduct</i>	-4.64	
			<i>For >1,500 To 2,200, Deduct</i>	-6.72	
			<i>For >2,200 To 3,500, Deduct</i>	-8.56	
			<i>For >3,500, Deduct</i>	-10.40	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	4.90	

09 Finishes

09 60 Flooring

09 68 Carpeting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 13 00-0015	SY	42 Ounce, Non Patterned, Nylon Carpet Tile.....	80.95	5.33
		<i>For >200 To 400, Deduct</i>	-1.36	
		<i>For >400 To 600, Deduct</i>	-2.04	
		<i>For >600 To 900, Deduct</i>	-3.59	
		<i>For >900 To 1,500, Deduct</i>	-5.14	
		<i>For >1,500 To 2,200, Deduct</i>	-7.44	
		<i>For >2,200 To 3,500, Deduct</i>	-9.47	
		<i>For >3,500, Deduct</i>	-11.49	
		<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0016	SY	Installation Of Owner Provided Non Patterned Carpet Tiles.....	13.03	

09 68 13 00-0017 Patterned Carpet Tiles (09 68 13 00-0001)

Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.

09 68 13 00-0018	SY	18 Ounce, Patterned, Nylon Carpet Tile.....	44.51	5.33
		<i>For >200 To 400, Deduct</i>	-0.60	
		<i>For >400 To 600, Deduct</i>	-0.90	
		<i>For >600 To 900, Deduct</i>	-1.72	
		<i>For >900 To 1,500, Deduct</i>	-2.54	
		<i>For >1,500 To 2,200, Deduct</i>	-3.73	
		<i>For >2,200 To 3,500, Deduct</i>	-4.85	
		<i>For >3,500, Deduct</i>	-5.96	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0019	SY	20 Ounce, Patterned, Nylon Carpet Tile.....	46.34	5.33
		<i>For >200 To 400, Deduct</i>	-0.64	
		<i>For >400 To 600, Deduct</i>	-0.96	
		<i>For >600 To 900, Deduct</i>	-1.81	
		<i>For >900 To 1,500, Deduct</i>	-2.67	
		<i>For >1,500 To 2,200, Deduct</i>	-3.92	
		<i>For >2,200 To 3,500, Deduct</i>	-5.07	
		<i>For >3,500, Deduct</i>	-6.23	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0020	SY	22 Ounce, Patterned, Nylon Carpet Tile.....	52.14	5.33
		<i>For >200 To 400, Deduct</i>	-0.76	
		<i>For >400 To 600, Deduct</i>	-1.13	
		<i>For >600 To 900, Deduct</i>	-2.10	
		<i>For >900 To 1,500, Deduct</i>	-3.08	
		<i>For >1,500 To 2,200, Deduct</i>	-4.50	
		<i>For >2,200 To 3,500, Deduct</i>	-5.80	
		<i>For >3,500, Deduct</i>	-7.10	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0021	SY	24 Ounce, Patterned, Nylon Carpet Tile.....	57.80	5.33
		<i>For >200 To 400, Deduct</i>	-0.87	
		<i>For >400 To 600, Deduct</i>	-1.30	
		<i>For >600 To 900, Deduct</i>	-2.39	
		<i>For >900 To 1,500, Deduct</i>	-3.47	
		<i>For >1,500 To 2,200, Deduct</i>	-5.06	
		<i>For >2,200 To 3,500, Deduct</i>	-6.51	
		<i>For >3,500, Deduct</i>	-7.95	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0022	SY	26 Ounce, Patterned, Nylon Carpet Tile.....	61.10	5.33
		<i>For >200 To 400, Deduct</i>	-0.93	
		<i>For >400 To 600, Deduct</i>	-1.40	
		<i>For >600 To 900, Deduct</i>	-2.55	
		<i>For >900 To 1,500, Deduct</i>	-3.70	
		<i>For >1,500 To 2,200, Deduct</i>	-5.39	
		<i>For >2,200 To 3,500, Deduct</i>	-6.92	
		<i>For >3,500, Deduct</i>	-8.45	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0023	SY	28 Ounce, Patterned, Nylon Carpet Tile.....	64.49	5.33
		<i>For >200 To 400, Deduct</i>	-1.00	
		<i>For >400 To 600, Deduct</i>	-1.50	
		<i>For >600 To 900, Deduct</i>	-2.72	
		<i>For >900 To 1,500, Deduct</i>	-3.94	
		<i>For >1,500 To 2,200, Deduct</i>	-5.73	
		<i>For >2,200 To 3,500, Deduct</i>	-7.34	
		<i>For >3,500, Deduct</i>	-8.96	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0024	SY	30 Ounce, Patterned, Nylon Carpet Tile.....	65.49	5.33
		<i>For >200 To 400, Deduct</i>	-1.02	
		<i>For >400 To 600, Deduct</i>	-1.53	
		<i>For >600 To 900, Deduct</i>	-2.77	
		<i>For >900 To 1,500, Deduct</i>	-4.01	
		<i>For >1,500 To 2,200, Deduct</i>	-5.83	
		<i>For >2,200 To 3,500, Deduct</i>	-7.47	
		<i>For >3,500, Deduct</i>	-9.11	
		<i>For Cushion Backed Tile, Add</i>	4.90	
09 68 13 00-0025	SY	32 Ounce, Patterned, Nylon Carpet Tile.....	66.13	5.33
		<i>For >200 To 400, Deduct</i>	-1.04	
		<i>For >400 To 600, Deduct</i>	-1.55	
		<i>For >600 To 900, Deduct</i>	-2.80	
		<i>For >900 To 1,500, Deduct</i>	-4.05	
		<i>For >1,500 To 2,200, Deduct</i>	-5.90	
		<i>For >2,200 To 3,500, Deduct</i>	-7.55	
		<i>For >3,500, Deduct</i>	-9.20	
		<i>For Cushion Backed Tile, Add</i>	4.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0026	SY	34 Ounce, Patterned, Nylon Carpet Tile	.....	66.65	5.33
		For >200 To 400, Deduct		-1.05	
		For >400 To 600, Deduct		-1.57	
		For >600 To 900, Deduct		-2.83	
		For >900 To 1,500, Deduct		-4.09	
		For >1,500 To 2,200, Deduct		-5.95	
		For >2,200 To 3,500, Deduct		-7.61	
		For >3,500, Deduct		-9.28	
		For Cushion Backed Tile, Add		4.90	
09 68 13 00-0027	SY	36 Ounce, Patterned, Nylon Carpet Tile	.....	68.46	5.33
		For >200 To 400, Deduct		-1.08	
		For >400 To 600, Deduct		-1.62	
		For >600 To 900, Deduct		-2.92	
		For >900 To 1,500, Deduct		-4.22	
		For >1,500 To 2,200, Deduct		-6.13	
		For >2,200 To 3,500, Deduct		-7.84	
		For >3,500, Deduct		-9.55	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add		2.00	
		For Cushion Backed Tile, Add		4.90	
09 68 13 00-0028	SY	38 Ounce, Patterned, Nylon Carpet Tile	.....	72.04	5.33
		For >200 To 400, Deduct		-1.15	
		For >400 To 600, Deduct		-1.73	
		For >600 To 900, Deduct		-3.10	
		For >900 To 1,500, Deduct		-4.47	
		For >1,500 To 2,200, Deduct		-6.49	
		For >2,200 To 3,500, Deduct		-8.29	
		For >3,500, Deduct		-10.09	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add		2.00	
		For Cushion Backed Tile, Add		4.90	
09 68 13 00-0029	SY	40 Ounce, Patterned, Nylon Carpet Tile	.....	75.89	5.33
		For >200 To 400, Deduct		-1.23	
		For >400 To 600, Deduct		-1.85	
		For >600 To 900, Deduct		-3.29	
		For >900 To 1,500, Deduct		-4.74	
		For >1,500 To 2,200, Deduct		-6.87	
		For >2,200 To 3,500, Deduct		-8.77	
		For >3,500, Deduct		-10.67	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add		2.00	
		For Cushion Backed Tile, Add		4.90	
09 68 13 00-0030	SY	42 Ounce, Patterned, Nylon Carpet Tile	.....	83.27	5.33
		For >200 To 400, Deduct		-1.38	
		For >400 To 600, Deduct		-2.07	
		For >600 To 900, Deduct		-3.66	
		For >900 To 1,500, Deduct		-5.25	
		For >1,500 To 2,200, Deduct		-7.61	
		For >2,200 To 3,500, Deduct		-9.69	
		For >3,500, Deduct		-11.77	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add		2.00	
		For Cushion Backed Tile, Add		4.90	
09 68 13 00-0031	SY	Installation Of Owner Provided Patterned Carpet Tiles	.....	14.93	
09 68 13 00-0032		ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) <small>(09 68 13 00-0001)</small>			
		Note: Includes conductive ESD releasable adhesive and grounding clips.			
09 68 13 00-0033	SY	24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	.....	72.90	5.33
		For >200 To 400, Deduct		-1.17	
		For >400 To 600, Deduct		-1.76	
		For >600 To 900, Deduct		-3.14	
		For >900 To 1,500, Deduct		-4.53	
		For >1,500 To 2,200, Deduct		-6.57	
		For >2,200 To 3,500, Deduct		-8.39	
		For >3,500, Deduct		-10.22	
09 68 13 00-0034		Carpet Tiles <small>(09 68 13)</small>			
		Note: Includes glue			
09 68 13 00-0035	SY	27 Ounce, Patterned, Nylon Carpet Tile (Mannington Graffiti II)	.....	66.89	5.33
		Note: Tip sheared patterned loop carpet tile with reinforced composite closed cell polymer backing.			
		For >200 To 400, Deduct		-1.05	
		For >400 To 600, Deduct		-1.58	
		For >600 To 900, Deduct		-2.84	
		For >900 To 1,500, Deduct		-4.11	
		For >1,500 To 2,200, Deduct		-5.97	
		For >2,200 To 3,500, Deduct		-7.64	
		For >3,500, Deduct		-9.32	
09 68 13 00-0036	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Ground Strata)	.....	57.43	5.33
		Note: Tufted carpet tile with EcoFlex ICT backing.			
		For >200 To 400, Deduct		-0.86	
		For >400 To 600, Deduct		-1.29	
		For >600 To 900, Deduct		-2.37	
		For >900 To 1,500, Deduct		-3.45	
		For >1,500 To 2,200, Deduct		-5.03	
		For >2,200 To 3,500, Deduct		-6.46	
		For >3,500, Deduct		-7.90	

09 Finishes**09 60 Flooring****09 68 Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 13 00-0037	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Parkway)	59.13	5.33
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	-0.90	
		For >400 To 600, Deduct	-1.34	
		For >600 To 900, Deduct	-2.45	
		For >900 To 1,500, Deduct	-3.56	
		For >1,500 To 2,200, Deduct	-5.20	
		For >2,200 To 3,500, Deduct	-6.67	
		For >3,500, Deduct	-8.15	
09 68 13 00-0038	SY	22 Ounce, Patterned, Nylon Carpet Tile (Lees Realization)	57.71	5.33
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	-0.87	
		For >400 To 600, Deduct	-1.30	
		For >600 To 900, Deduct	-2.38	
		For >900 To 1,500, Deduct	-3.47	
		For >1,500 To 2,200, Deduct	-5.05	
		For >2,200 To 3,500, Deduct	-6.50	
		For >3,500, Deduct	-7.94	
09 68 13 00-0039	SY	20 Ounce, Patterned, Nylon Carpet Tile (Lees Shirt).....	59.41	5.33
		Note: Tufted carpet tile with EcoFlex ICT backing.		
		For >200 To 400, Deduct	-0.90	
		For >400 To 600, Deduct	-1.35	
		For >600 To 900, Deduct	-2.47	
		For >900 To 1,500, Deduct	-3.58	
		For >1,500 To 2,200, Deduct	-5.22	
		For >2,200 To 3,500, Deduct	-6.71	
		For >3,500, Deduct	-8.19	

09 68 16 Sheet Carpeting (09 68)

Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.

09 68 16 00-0001 Carpet Cushion (09 68 16)**09 68 16 00-0002 Carpet Pads (09 68 16 00-0001)**

09 68 16 00-0003	SY	Foam Rubber Carpet Padding	6.27	2.38
09 68 16 00-0004	SY	Sponge Rubber Carpet Cushion	6.12	2.38
09 68 16 00-0005	SY	Urethane Carpet Cushion 1/4" Thick	6.02	2.38
09 68 16 00-0006	SY	Urethane Carpet Cushion 3/8" Thick	6.58	2.38
09 68 16 00-0007	SY	7/16" Thick, Rebonded, 6 LB/CF	6.12	2.38
09 68 16 00-0008	SY	3/8" Thick, Rebonded, 7 LB/CF	6.38	2.38
09 68 16 00-0009	SY	1/2" Thick, Rebonded, 8 LB/CF	6.75	2.38

09 68 16 00-0010 Indoor/Outdoor Carpet (09 68 16)

Note: Includes waterproof glue.

09 68 16 00-0011	SY	Nylon Indoor/Outdoor Carpet.....	29.73	4.76
09 68 16 00-0012	SY	Ozite Indoor/Outdoor Carpet.....	24.85	4.76

09 68 16 00-0013 Commercial Broadloom Carpet (09 68 16)

Note: Level-loop pile or textured-loop pile broadloom carpet.

09 68 16 00-0014 Non-Patterned Broadloom Carpet (09 68 16 00-0013)

09 68 16 00-0015	SY	22 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	38.40	21.86
		For Up To 15, Add	2.91	
		For >15 To 33, Add	1.46	
		For >200 To 400, Deduct	-0.48	
		For >400 To 600, Deduct	-0.71	
		For >600 To 900, Deduct	-1.41	
		For >900, Deduct	-2.11	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0016	SY	24 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	38.40	21.86
		For Up To 15, Add	2.91	
		For >15 To 33, Add	1.46	
		For >200 To 400, Deduct	-0.48	
		For >400 To 600, Deduct	-0.71	
		For >600 To 900, Deduct	-1.41	
		For >900, Deduct	-2.11	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0017	SY	26 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	38.40	21.86
		For Up To 15, Add	2.91	
		For >15 To 33, Add	1.46	
		For >200 To 400, Deduct	-0.48	
		For >400 To 600, Deduct	-0.71	
		For >600 To 900, Deduct	-1.41	
		For >900, Deduct	-2.11	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0018	SY	28 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet.....	41.63	23.69
		For Up To 15, Add	3.16	
		For >15 To 33, Add	1.58	
		For >200 To 400, Deduct	-0.52	
		For >400 To 600, Deduct	-0.78	
		For >600 To 900, Deduct	-1.53	
		For >900, Deduct	-2.28	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0019	SY		30 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	42.36	23.69
			For Up To 15, Add	3.16	
			For >15 To 33, Add	1.58	
			For >200 To 400, Deduct	-0.53	
			For >400 To 600, Deduct	-0.80	
			For >600 To 900, Deduct	-1.57	
			For >900, Deduct	-2.33	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0020	SY		32 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	42.49	23.69
			For Up To 15, Add	3.16	
			For >15 To 33, Add	1.58	
			For >200 To 400, Deduct	-0.53	
			For >400 To 600, Deduct	-0.80	
			For >600 To 900, Deduct	-1.57	
			For >900, Deduct	-2.34	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0021	SY		34 Ounce, Medium Traffic, Non Patterned, Nylon Broadloom Carpet	46.62	25.50
			For Up To 15, Add	3.40	
			For >15 To 33, Add	1.70	
			For >200 To 400, Deduct	-0.59	
			For >400 To 600, Deduct	-0.89	
			For >600 To 900, Deduct	-1.74	
			For >900, Deduct	-2.58	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0022	SY		36 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	47.14	25.50
			For Up To 15, Add	3.40	
			For >15 To 33, Add	1.70	
			For >200 To 400, Deduct	-0.60	
			For >400 To 600, Deduct	-0.90	
			For >600 To 900, Deduct	-1.76	
			For >900, Deduct	-2.62	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0023	SY		38 Ounce, Heavy Traffic, Non Patterned, Nylon Broadloom Carpet	47.78	25.50
			For Up To 15, Add	3.40	
			For >15 To 33, Add	1.70	
			For >200 To 400, Deduct	-0.62	
			For >400 To 600, Deduct	-0.92	
			For >600 To 900, Deduct	-1.79	
			For >900, Deduct	-2.66	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0024			Patterned Broadloom Carpet <small>(09 68 16 00-0013)</small>		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0025	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	40.23	21.86
			For Up To 15, Add	3.21	
			For >15 To 33, Add	1.60	
			For >200 To 400, Deduct	-0.48	
			For >400 To 600, Deduct	-0.73	
			For >600 To 900, Deduct	-1.45	
			For >900, Deduct	-2.17	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0026	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	40.23	21.86
			For Up To 15, Add	3.21	
			For >15 To 33, Add	1.60	
			For >200 To 400, Deduct	-0.48	
			For >400 To 600, Deduct	-0.73	
			For >600 To 900, Deduct	-1.45	
			For >900, Deduct	-2.17	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0027	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	40.23	21.86
			For Up To 15, Add	3.21	
			For >15 To 33, Add	1.60	
			For >200 To 400, Deduct	-0.48	
			For >400 To 600, Deduct	-0.73	
			For >600 To 900, Deduct	-1.45	
			For >900, Deduct	-2.17	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0028	SY		28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet	43.60	23.69
			For Up To 15, Add	3.47	
			For >15 To 33, Add	1.74	
			For >200 To 400, Deduct	-0.52	
			For >400 To 600, Deduct	-0.79	
			For >600 To 900, Deduct	-1.57	
			For >900, Deduct	-2.36	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	

09 Finishes**09 60 Flooring****09 68 Carpeting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 68 16 00-0029	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	44.34	23.69
		For Up To 15, Add	3.47	
		For >15 To 33, Add	1.74	
		For >200 To 400, Deduct	-0.54	
		For >400 To 600, Deduct	-0.81	
		For >600 To 900, Deduct	-1.61	
		For >900, Deduct	-2.41	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0030	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	44.47	23.69
		For Up To 15, Add	3.47	
		For >15 To 33, Add	1.74	
		For >200 To 400, Deduct	-0.54	
		For >400 To 600, Deduct	-0.81	
		For >600 To 900, Deduct	-1.62	
		For >900, Deduct	-2.42	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0031	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	48.75	25.50
		For Up To 15, Add	3.74	
		For >15 To 33, Add	1.87	
		For >200 To 400, Deduct	-0.60	
		For >400 To 600, Deduct	-0.90	
		For >600 To 900, Deduct	-1.78	
		For >900, Deduct	-2.66	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0032	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	49.29	25.50
		For Up To 15, Add	3.74	
		For >15 To 33, Add	1.87	
		For >200 To 400, Deduct	-0.61	
		For >400 To 600, Deduct	-0.92	
		For >600 To 900, Deduct	-1.81	
		For >900, Deduct	-2.70	
		For Cut Pile Carpet, Add	1.50	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0033	SY	38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	49.94	25.50
		For Up To 15, Add	3.74	
		For >15 To 33, Add	1.87	
		For >200 To 400, Deduct	-0.62	
		For >400 To 600, Deduct	-0.94	
		For >600 To 900, Deduct	-1.84	
		For >900, Deduct	-2.75	
		For Cut Pile Carpet, Add	1.50	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0034	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet (Karastan Studded).....	57.69	23.69
		For Up To 15, Add	3.47	
		For >15 To 33, Add	1.74	
		For >200 To 400, Deduct	-0.81	
		For >400 To 600, Deduct	-1.21	
		For >600 To 900, Deduct	-2.28	
		For >900, Deduct	-3.34	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0035		Carpet Accessories <small>(09 68 16)</small>		
09 68 16 00-0036	LF	Metal Carpet Saddle Strip, Up To 4" Wide.....	2.96	0.70
09 68 16 00-0037		Removal And Reinstallation Of Carpet And Pad <small>(09 68 16)</small>		
		Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0038	SY	Remove And Reinstall Carpet And Pad.....	30.74	
09 68 16 00-0039		Carpeting Support Functions <small>(09 68 16)</small>		
09 68 16 00-0040		Relocate Partitions, Modular Work Stations <small>(09 68 16 00-0039)</small>		
		Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0041	EA	Relocate Modular Work Station.....	245.33	
09 68 16 00-0042		Installation Of Owner Provided Broadloom Carpet <small>(09 68 16)</small>		
09 68 16 00-0043	SY	Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet.....	12.88	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	2.54	
		For >15 To 33, Add	1.27	
09 68 16 00-0044	SY	>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet.....	14.99	
		Note: Includes adhesive for glue-down or tack strip for padded installations.		
		For Up To 15, Add	2.96	
		For >15 To 33, Add	1.48	

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

09 68	16 00-0045	SY	>34 Oz, Installation Of Owner Provided Broadloom Carpet.....	17.95	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			For Up To 15, Add	3.55	
			For >15 To 33, Add	1.78	

09 69 Access Flooring (09 60)

09 69 13 Rigid-Grid Access Flooring (09 69)

09 69 13 00-0001 Panels, No Covering (09 69 13)

09 69 13 00-0002	SF	2' x 2' Panels - No Covering Access And Pedestal Floors.....	9.85	0.70
		For Carpet Covering, Add	2.77	
		For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0003	SF	2' x 2' Perforated Panels Access And Pedestal Floors	18.33	0.70
		For Carpet Covering, Add	2.77	
		For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0004	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T	17.09	0.77
09 69 13 00-0005	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	17.09	0.77
09 69 13 00-0006	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808.....	17.09	0.77
09 69 13 00-0007	SF	Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280.....	17.09	0.77
09 69 13 00-0008	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim	16.18	0.77
09 69 13 00-0009	SF	Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	16.18	0.77
09 69 13 00-0010	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	18.24	0.77
09 69 13 00-0011	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T	18.24	0.77
09 69 13 00-0012	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Moodance 6808.....	18.24	0.77
09 69 13 00-0013	SF	Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280	18.24	0.77
09 69 13 00-0014	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim	17.32	0.77
09 69 13 00-0015	SF	Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim	17.32	0.77
09 69 13 00-0016	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim	21.88	0.77
09 69 13 00-0017	SF	Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim	21.88	0.77

09 69 13 00-0018 Pedestals (09 69 13)

09 69 13 00-0019	EA	6" To 12" Finished Floor Height, Pedestal Assembly.....	23.11	3.50
09 69 13 00-0020	EA	8" To 12" Finished Floor Height, Pedestal Assembly.....	17.25	1.05
09 69 13 00-0021	EA	18" To 24" Finished Floor Height, Pedestal Assembly.....	17.82	1.05
09 69 13 00-0022	EA	30" To 36" Finished Floor Height, Pedestal Assembly.....	20.29	1.05

09 69 13 00-0023 Stringers (09 69 13)

09 69 13 00-0024	EA	2' Bolted Stringers, Access And Pedestal Floors.....	12.78	4.20
09 69 13 00-0025	EA	4' Bolted Stringers, Access And Pedestal Floors.....	21.69	6.31
09 69 13 00-0026	EA	6' Bolted Stringers, Access And Pedestal Floors.....	34.57	10.51

09 69 13 00-0027 Understructure (09 69 13)

09 69 13 00-0028	SF	Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height.....	3.83	1.05
09 69 13 00-0029	SF	Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height.....	4.11	1.05
09 69 13 00-0030	SF	Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height.....	4.91	1.05

09 69 53 Access Flooring Accessories (09 69)

09 69 53 00-0001 Accessories (09 69 53)

09 69 53 00-0002	SF	Accessories, Ramp Assembly Access And Pedestal Floors.....	22.79	2.81
09 69 53 00-0003	LF	Accessories, Handrail Access And Pedestal Floors	36.84	4.91
09 69 53 00-0004	LF	Accessories, Fascia Plate Access And Pedestal Floors	16.38	4.91
09 69 53 00-0005	EA	Machine Cutouts.....	124.36	
09 69 53 00-0006	SF	Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	36.88	
09 69 53 00-0007	LF	Tate 2 Or 3 Riser Steps In Raised Floor System	86.86	0.35
		Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008	LF	Tate Handrail	69.71	2.32
09 69 53 00-0009	SF	Hammered Aluminum Finish Fascia	27.10	2.32
		Note: Includes trim angles and hardware (8", 12", 18", 24").		
09 69 53 00-0010	EA	7" x 17" Lexan Floor Mounted Grille	120.97	8.77
		Note: Includes carpet trim to flush mount.		
09 69 53 00-0011	EA	Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	30.65	
09 69 53 00-0012	EA	Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	30.65	
09 69 53 00-0013	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet.....	34.25	1.40
09 69 53 00-0014	EA	Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL	41.70	1.40
09 69 53 00-0015	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim	32.19	1.40
09 69 53 00-0016	EA	Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge	41.69	1.40
09 69 53 00-0017	EA	Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4.....	119.58	8.77
09 69 53 00-0018	EA	Flush Mounted Telephone Box (Grey/Black/Communications).....	86.82	8.77
		Note: Includes cut hole.		
09 69 53 00-0019	EA	Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4.....	119.58	8.77
09 69 53 00-0020	EA	Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	58.79	1.40
09 69 53 00-0021	EA	Remove Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor	7.01	

09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System (09 69 53)

		Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.		
09 69 53 00-0023	SF	Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	2.36	
09 69 53 00-0024	SF	Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	2.43	
09 69 53 00-0025	SF	Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	2.41	

09	09 Finishes
	09 60 Flooring
	09 69 Access Flooring



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

09 70 Wall Finishes (09)

09 72 Wall Coverings (09 70)

09 72 13 Cork Wall Coverings (09 72)

09 72 13 00-0001 Cork Wall Covering (09 72 13)

09 72 13 00-0002	SF	1/8" Cork Wall Covering.....	4.26	0.74
09 72 13 00-0003	SF	1/4" Cork Wall Covering.....	5.22	0.74
09 72 13 00-0004	SF	1/2" Cork Wall Covering.....	5.98	0.74
09 72 13 00-0005	SF	3/4" Cork Wall Covering.....	8.21	0.74

09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)

09 72 16 00-0001 Vinyl Wall Coverings (09 72 16)

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 00-0002	SF	Vinyl Wall Covering, 7-10 Oz/SY	1.65	0.74
		<i>For Owner Furnished Material, Deduct</i>	-0.49	
09 72 16 00-0003	SF	Vinyl Wall Covering, 11-14 Oz/SY	1.96	0.74
		<i>For Owner Furnished Material, Deduct</i>	-0.72	
09 72 16 00-0004	SF	Vinyl Wall Covering, 20-25 Oz/SY	2.58	0.74
		<i>For Owner Furnished Material, Deduct</i>	-1.03	
09 72 16 00-0005	SF	Vinyl Wall Covering, 26-32 Oz/SY	2.88	0.74
		<i>For Owner Furnished Material, Deduct</i>	-1.26	
09 72 16 00-0006	SF	Vinyl Wall Covering, 33-38 Oz/SY	3.90	0.74
		<i>For Owner Furnished Material, Deduct</i>	-2.21	

09 72 19 Textile Wall Coverings (09 72)

09 72 19 00-0001 Wall Fabrics (09 72 19)

09 72 19 00-0002	SF	Wall Covering, Natural Fabric, Grass Cloth	4.36	0.74
09 72 19 00-0003	SF	Wall Covering, Grass Cloth.....	4.74	0.74
09 72 19 00-0004	SF	Wall Covering, Burlap.....	3.70	0.74
09 72 19 00-0005	SF	Flexible Gypsum Coated Wall Fabric, Fire Resistant.....	3.11	0.74
09 72 19 00-0006	SF	Acoustical Wall Cover.....	5.22	0.74
09 72 19 00-0007	SF	Install Owner Furnished Wall Covering Fabrics, Non-Patterned Or Repeating Pattern	2.00	0.74
09 72 19 00-0008	SF	Install Owner Furnished Wall Covering Fabrics, Patterned.....	2.80	0.74

09 72 19 00-0009 Natural Fiber Resilient Wallcovering (09 72 19)

09 72 19 00-0010	SY	Sisal Wall Covering - 48 To 54 Oz/SY With Adhesive (4', 8', 12' Widths)	53.16	4.91
		<i>For Fire Rated Adhesive, UBC 42-2, Add</i>	0.11	

09 72 23 Wallpapering (09 72)

09 72 23 00-0001 Wallpaper Coverings (09 72 23)

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002	SF	Average Quality Wallpaper (Standard Grade)	2.01	0.99
09 72 23 00-0003	SF	High Quality Wallpaper (Designer Grade).....	3.36	1.27
09 72 23 00-0004	SF	Ceiling Paper	3.05	1.86

09 73 Wall Carpeting (09 70)

09 73 00 00-0001 Carpet Wall Covering (09 73)

09 73 00 00-0002	SY	Nylon 28 Oz Carpet Wall Covering	31.09	10.51
09 73 00 00-0003	SY	Nylon 32 Oz Carpet Wall Covering	31.70	10.51
09 73 00 00-0004	SY	Nylon 34 Oz Carpet Wall Covering	34.41	11.57
09 73 00 00-0005	SY	Nylon 35 Oz Carpet Wall Covering	36.43	12.27
09 73 00 00-0006	SY	Nylon 36 Oz Carpet Wall Covering	38.48	12.97
09 73 00 00-0007	SY	Nylon 38 Oz Carpet Wall Covering	39.22	12.97
09 73 00 00-0008	SY	Nylon 40 Oz Carpet Wall Covering	40.73	13.32
09 73 00 00-0009	SY	Nylon 42 Oz Carpet Wall Covering	42.36	13.67

09 74 Flexible Wood Sheets (09 70)

09 74 16 Flexible Wood Veneers (09 74)

09 74 16 00-0001 Walnut (09 74 16)

09 74 16 00-0002	SF	Walnut 1/32 In Thick Flexible Wood Veneer	8.35	2.99
------------------	----	---	------	------

09 74 16 00-0003 Exotic Wood (09 74 16)

09 74 16 00-0004	SF	Exotic Wood 1/32 Thick, Flexible Wood Veneer	11.02	2.99
------------------	----	--	-------	------

09 80 Acoustic Treatment (09)

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

09 81 Acoustic Insulation (09 80)

09 81 16 Acoustic Blanket Insulation (09 81)

09 81 16 00-0001			Sound Attenuation Fire Blankets (SAFB) (09 81 16)		
09 81 16 00-0002			2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)		
09 81 16 00-0003	SF		1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.28	0.24
09 81 16 00-0004	SF		2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.36	0.24
09 81 16 00-0005	SF		2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.47	0.24
09 81 16 00-0006	SF		3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.56	0.24
09 81 16 00-0007	SF		3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.67	0.24
09 81 16 00-0008	SF		4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.78	0.24
09 81 16 00-0009	SF		5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.93	0.24
09 81 16 00-0010	SF		6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.09	0.24
09 81 16 00-0011			4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)		
09 81 16 00-0012	SF		1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.26	0.24
09 81 16 00-0013			Sound Attenuation Batts (09 81 16)		
			Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0014	SF		2-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.79	0.31
09 81 16 00-0015	SF		3-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.84	0.31
09 81 16 00-0016	SF		3-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.86	0.31
09 81 16 00-0017	SF		5-1/2" Thick, Unfaced Sound Attenuation Batt.....	0.95	0.31
09 81 16 00-0018	SF		5-1/2" Thick, Kraft Faced Sound Attenuation Batt	0.97	0.31
09 81 16 00-0019	SF		6-1/4" Thick, Unfaced Sound Attenuation Batt.....	0.96	0.31
09 81 16 00-0020	SF		6-1/4" Thick, Kraft Faced Sound Attenuation Batt	0.99	0.31

09 84 Acoustic Room Components (09 80)

09 84 13 Fixed Sound-Absorptive Panels (09 84)

09 84 13 00-0001			Sound Absorbing Panels And Attenuation Blankets (09 84 13)		
			Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.		
09 84 13 00-0002	SF		3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	7.27	1.58
09 84 13 00-0003	SF		1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	10.55	1.58
09 84 13 00-0004			Sound Absorbing Acoustical Wall Panel System (09 84 13)		
			See CSI section 06 11 16 00-0127 for wood furring.		
09 84 13 00-0005			Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) (09 84 13 00-0004)		
			Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF		5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	8.28	1.78
09 84 13 00-0007	SF		3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	7.72	1.78
09 84 13 00-0008	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	9.48	1.78
09 84 13 00-0009	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	9.50	1.78
09 84 13 00-0010	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™)	10.39	1.78
09 84 13 00-0011	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	10.39	1.78
09 84 13 00-0012			Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) (09 84 13 00-0004)		
			Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF		1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®).....	9.51	1.78
09 84 13 00-0014	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	10.96	1.78
09 84 13 00-0015	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	10.96	1.78
09 84 13 00-0016	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™)	12.41	1.78
09 84 13 00-0017	SF		1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™)	12.41	1.78
09 84 13 00-0018			Sound Absorbing Panel, Eggcrate Style (09 84 13)		
			Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF		2" Thick Polyurethane Sound Wave (Eggcrate Style).....	7.57	
			For Pyramid Style, Add	1.18	
09 84 13 00-0020	SF		3" Thick Polyurethane Sound Wave (Eggcrate Style).....	9.97	
			For Pyramid Style, Add	1.18	
09 84 13 00-0021	SF		4" Thick Polyurethane Sound Wave (Eggcrate Style).....	12.96	
			For Pyramid Style, Add	1.18	

09 Finishes

09 80 Acoustic Treatment

09 84 Acoustic Room Components

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84	13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style)	9.76	
			For Eggcrate Style With Hypalon Coating, Add	1.97	
			For Pyramid Style, Add	2.05	
			For Pyramid Style With Hypalon Coating, Add	4.02	
09 84	13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style)	19.31	
			For Eggcrate Style With Hypalon Coating, Add	1.97	
			For Pyramid Style, Add	0.42	
			For Pyramid Style With Hypalon Coating, Add	2.40	
09 84	13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style)	24.66	
			For Eggcrate Style With Hypalon Coating, Add	1.97	
			For Pyramid Style, Add	0.42	
			For Pyramid Style With Hypalon Coating, Add	2.40	

09 85 Acoustic Sound Deadening (09 80)

09 85 00 00-0001 Sound Deadening Fiberboard (09 85)

09 85	00 00-0002	SF	1/2" Sound Deadening Fiberboard.....	1.05	0.39
			For Times When The Shortest Distance From Corner to Corner Is <3', Add	0.36	
			For Horizontal Installation Up To 10' High, Add	0.24	
			For Horizontal Installation >10' High, Add	0.36	
			For Walls >10' High, Add	0.06	
			For Up To 128, Add	0.35	
			For >128 To 320, Add	0.21	

09 90 Painting And Coating (09)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

09 91 Painting (09 90)

Note: (Sherwin Williams)

09 91 13 Exterior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated.

09 91 13 00-0001 Paint Exterior Walls/Siding (09 91 13)

09 91 13 00-0002 Paint Exterior Brick Walls (09 91 13 00-0001)

09 91	13 00-0003	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush Work.....	0.78	
			For Oil Based Paint, Add	0.05	
			For Work >20', Add	0.16	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91	13 00-0004	SF	Paint Exterior Brick Walls, 1 Coat Paint, Brush Work	1.11	
			For Oil Based Paint, Add	0.06	
			For Work >20', Add	0.24	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91	13 00-0005	SF	Paint Exterior Brick Walls, 2 Coats Paint, Brush Work.....	1.60	
			For Oil Based Paint, Add	0.10	
			For Work >20', Add	0.33	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.32	
09 91	13 00-0006	SF	Paint Exterior Brick Walls, 1 Coat Filler, Brush/Roller Work	0.51	
			For Oil Based Paint, Add	0.03	
			For Work >20', Add	0.10	
			Note: Applied only to work area above 20'.		
			For Up To 100, Add	0.30	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.10	

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

09 91 13 00-0007	SF			Paint Exterior Brick Walls, 1 Coat Paint, Brush/Roller Work.....	0.85	
				For Oil Based Paint, Add	0.05	
				For Work >20', Add	0.17	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.52	
				For >100 To 250, Add	0.25	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.17	
09 91 13 00-0008	SF			Paint Exterior Brick Walls, 2 Coats Paint, Brush/Roller Work	1.25	
				For Oil Based Paint, Add	0.08	
				For Work >20', Add	0.23	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.73	
				For >100 To 250, Add	0.35	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.19	
				For >20,000, Deduct	-0.25	
09 91 13 00-0009	SF			Paint Exterior Brick Walls, 1 Coat Filler, Sprayed.....	0.50	
				For Oil Based Paint, Add	0.03	
				For Work >20', Add	0.09	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.29	
				For >100 To 250, Add	0.14	
				For >250 To 500, Add	0.06	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 20,000, Deduct	-0.08	
				For >20,000, Deduct	-0.10	
09 91 13 00-0010	SF			Paint Exterior Brick Walls, 1 Coat Paint, Sprayed.....	0.49	
				For Oil Based Paint, Add	0.04	
				For Work >20', Add	0.07	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.24	
				For >100 To 250, Add	0.12	
				For >250 To 500, Add	0.05	
				For >2,500 To 5,000, Deduct	-0.02	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 20,000, Deduct	-0.07	
				For >20,000, Deduct	-0.10	
09 91 13 00-0011	SF			Paint Exterior Brick Walls, 2 Coats Paint, Sprayed.....	1.05	
				For Oil Based Paint, Add	0.07	
				For Work >20', Add	0.17	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.57	
				For >100 To 250, Add	0.28	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.16	
				For >20,000, Deduct	-0.21	

09 91 13 00-0012 Paint Exterior Concrete Walls (09 91 13 00-0001)

09 91 13 00-0013	SF			Paint Exterior Concrete Walls, 1 Coat Filler, Brush Work.....	0.67	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.07	
				For Work >20', Add	0.14	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 13 00-0014	SF			Paint Exterior Concrete Walls, 1 Coat Paint, Brush Work.....	0.73	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.06	
				For Work >20', Add	0.16	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.49	
				For >100 To 250, Add	0.23	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0015	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush Work	1.36	
		For Oil Based Paint, Add	0.08	
		For Epoxy Paint, Add	0.12	
		For Work >20', Add	0.30	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.92	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.27	
09 91 13 00-0016	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Brush/Roller Work	0.53	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.11	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.33	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.11	
09 91 13 00-0017	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Brush/Roller Work	0.61	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.13	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.40	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 13 00-0018	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Brush/Roller Work	1.02	
		For Oil Based Paint, Add	0.06	
		For Epoxy Paint, Add	0.10	
		For Work >20', Add	0.21	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.66	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 13 00-0019	SF	Paint Exterior Concrete Walls, 1 Coat Filler, Sprayed	0.45	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.08	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.26	
		For >100 To 250, Add	0.13	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.07	
		For >20,000, Deduct	-0.09	
09 91 13 00-0020	SF	Paint Exterior Concrete Walls, 1 Coat Paint, Sprayed	0.42	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.05	
		For Work >20', Add	0.08	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.25	
		For >100 To 250, Add	0.12	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.04	
		For >10,000 To 20,000, Deduct	-0.06	
		For >20,000, Deduct	-0.08	
09 91 13 00-0021	SF	Paint Exterior Concrete Walls, 2 Coats Paint, Sprayed	0.71	
		For Oil Based Paint, Add	0.05	
		For Epoxy Paint, Add	0.10	
		For Work >20', Add	0.13	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.41	
		For >100 To 250, Add	0.20	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.14	

09 91 13 00-0022 Paint Exterior Concrete Block Walls (09 91 13 00-0001)

09 91 13 00-0023 Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0022)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0024	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work .....0.91 <i>For Work >20', Add</i> 0.18 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.57 <i>For >100 To 250, Add</i> 0.27 <i>For >250 To 500, Add</i> 0.12 <i>For >2,500 To 5,000, Deduct</i> -0.05 <i>For >5,000 To 10,000, Deduct</i> -0.09 <i>For >10,000 To 20,000, Deduct</i> -0.14 <i>For >20,000, Deduct</i> -0.18		
09 91	13 00-0025	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush .....1.05 <i>For Work >20', Add</i> 0.22 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.67 <i>For >100 To 250, Add</i> 0.32 <i>For >250 To 500, Add</i> 0.14 <i>For >2,500 To 5,000, Deduct</i> -0.05 <i>For >5,000 To 10,000, Deduct</i> -0.11 <i>For >10,000 To 20,000, Deduct</i> -0.16 <i>For >20,000, Deduct</i> -0.21		
09 91	13 00-0026	SF		Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work .....1.84 <i>For Work >20', Add</i> 0.36 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 1.15 <i>For >100 To 250, Add</i> 0.55 <i>For >250 To 500, Add</i> 0.24 <i>For >2,500 To 5,000, Deduct</i> -0.09 <i>For >5,000 To 10,000, Deduct</i> -0.18 <i>For >10,000 To 20,000, Deduct</i> -0.28 <i>For >20,000, Deduct</i> -0.37		
09 91	13 00-0027	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work .....0.74 <i>For Work >20', Add</i> 0.14 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.44 <i>For >100 To 250, Add</i> 0.21 <i>For >250 To 500, Add</i> 0.09 <i>For >2,500 To 5,000, Deduct</i> -0.04 <i>For >5,000 To 10,000, Deduct</i> -0.07 <i>For >10,000 To 20,000, Deduct</i> -0.11 <i>For >20,000, Deduct</i> -0.15		
09 91	13 00-0028	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work .....0.83 <i>For Work >20', Add</i> 0.16 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.51 <i>For >100 To 250, Add</i> 0.24 <i>For >250 To 500, Add</i> 0.11 <i>For >2,500 To 5,000, Deduct</i> -0.04 <i>For >5,000 To 10,000, Deduct</i> -0.08 <i>For >10,000 To 20,000, Deduct</i> -0.12 <i>For >20,000, Deduct</i> -0.17		
09 91	13 00-0029	SF		Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work .....1.46 <i>For Work >20', Add</i> 0.27 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.86 <i>For >100 To 250, Add</i> 0.41 <i>For >250 To 500, Add</i> 0.18 <i>For >2,500 To 5,000, Deduct</i> -0.07 <i>For >5,000 To 10,000, Deduct</i> -0.15 <i>For >10,000 To 20,000, Deduct</i> -0.22 <i>For >20,000, Deduct</i> -0.29		
09 91	13 00-0030	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed .....0.58 <i>For Work >20', Add</i> 0.09 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.29 <i>For >100 To 250, Add</i> 0.14 <i>For >250 To 500, Add</i> 0.06 <i>For >2,500 To 5,000, Deduct</i> -0.03 <i>For >5,000 To 10,000, Deduct</i> -0.06 <i>For >10,000 To 20,000, Deduct</i> -0.09 <i>For >20,000, Deduct</i> -0.12		
09 91	13 00-0031	SF		Paint Exterior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed .....0.65 <i>For Work >20', Add</i> 0.10 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.34 <i>For >100 To 250, Add</i> 0.17 <i>For >250 To 500, Add</i> 0.07 <i>For >2,500 To 5,000, Deduct</i> -0.03 <i>For >5,000 To 10,000, Deduct</i> -0.07 <i>For >10,000 To 20,000, Deduct</i> -0.10 <i>For >20,000, Deduct</i> -0.13		
09 91	13 00-0032	SF		Paint Exterior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed .....1.24 <i>For Work >20', Add</i> 0.19 <i>Note: Applied only to work area above 20'.</i> <i>For Up To 100, Add</i> 0.64 <i>For >100 To 250, Add</i> 0.31 <i>For >250 To 500, Add</i> 0.14 <i>For >2,500 To 5,000, Deduct</i> -0.06 <i>For >5,000 To 10,000, Deduct</i> -0.12 <i>For >10,000 To 20,000, Deduct</i> -0.19 <i>For >20,000, Deduct</i> -0.25		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0033	Paint Exterior Concrete Block Walls, Acrylic Latex Paint <small>(09 91 13 00-0022)</small>		
09 91 13 00-0034	SF Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush Work	0.85	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.18	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 13 00-0035	SF Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush Work	1.00	
	For Oil Based Paint, Add	0.06	
	For Work >20', Add	0.21	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0036	SF Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush Work	1.82	
	For Oil Based Paint, Add	0.11	
	For Work >20', Add	0.37	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	1.16	
	For >100 To 250, Add	0.55	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.36	
09 91 13 00-0037	SF Paint Exterior Concrete Block Walls, Texture Coat, Brush Work	1.11	
	For Oil Based Paint, Add	0.07	
	For Work >20', Add	0.23	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.72	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.22	
09 91 13 00-0038	SF Paint Exterior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work	0.67	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0039	SF Paint Exterior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work	0.85	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.17	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 13 00-0040	SF Paint Exterior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work	1.44	
	For Oil Based Paint, Add	0.09	
	For Work >20', Add	0.28	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.88	
	For >100 To 250, Add	0.42	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.29	
09 91 13 00-0041	SF Paint Exterior Concrete Block Walls, Texture Coat, Brush/Roller Work	0.95	
	For Oil Based Paint, Add	0.06	
	For Work >20', Add	0.19	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	

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

09 91 13 00-0042	SF			Paint Exterior Concrete Block Walls, 1 Coat Filler, Sprayed.....	0.62	
				For Oil Based Paint, Add	0.04	
				For Work >20', Add	0.11	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91 13 00-0043	SF			Paint Exterior Concrete Block Walls, 1 Coat Paint, Sprayed.....	0.65	
				For Oil Based Paint, Add	0.04	
				For Work >20', Add	0.11	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 13 00-0044	SF			Paint Exterior Concrete Block Walls, 2 Coats Paint, Sprayed.....	1.03	
				For Oil Based Paint, Add	0.06	
				For Work >20', Add	0.19	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.62	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.21	
09 91 13 00-0045	SF			Paint Exterior Concrete Block Walls, Texture Coat, Sprayed.....	0.84	
				For Oil Based Paint, Add	0.06	
				For Work >20', Add	0.15	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.47	
				For >100 To 250, Add	0.23	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.17	

09 91 13 00-0046 Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001)

09 91 13 00-0047	SF			Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush Work.....	0.69	
				For Oil Based Paint, Add	0.04	
				For Orange Peel Finish, Add	0.10	
				For Work >20', Add	0.15	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.45	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.14	
09 91 13 00-0048	SF			Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush Work.....	0.75	
				For Oil Based Paint, Add	0.04	
				For Orange Peel Finish, Add	0.11	
				For Work >20', Add	0.17	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.51	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	
09 91 13 00-0049	SF			Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush Work.....	1.36	
				For Oil Based Paint, Add	0.08	
				For Orange Peel Finish, Add	0.19	
				For Work >20', Add	0.30	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.92	
				For >100 To 250, Add	0.43	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.27	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0050	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Brush/Roller Work.....	0.53	
		For Oil Based Paint, Add	0.03	
		For Orange Peel Finish, Add	0.07	
		For Work >20', Add	0.11	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.33	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.11	
09 91 13 00-0051	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Brush/Roller Work	0.55	
		For Oil Based Paint, Add	0.03	
		For Orange Peel Finish, Add	0.08	
		For Work >20', Add	0.12	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.36	
		For >100 To 250, Add	0.17	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.11	
09 91 13 00-0052	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Brush/Roller Work	1.00	
		For Oil Based Paint, Add	0.06	
		For Orange Peel Finish, Add	0.14	
		For Work >20', Add	0.21	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.65	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 13 00-0053	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Primer, Sprayed	0.45	
		For Oil Based Paint, Add	0.03	
		For Work >20', Add	0.08	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.26	
		For >100 To 250, Add	0.13	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.07	
		For >20,000, Deduct	-0.09	
09 91 13 00-0054	SF	Paint Exterior Drywall/Plaster Walls, 1 Coat Paint, Sprayed.....	0.50	
		For Oil Based Paint, Add	0.03	
		For Work >20', Add	0.10	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.31	
		For >100 To 250, Add	0.15	
		For >250 To 500, Add	0.06	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.10	
09 91 13 00-0055	SF	Paint Exterior Drywall/Plaster Walls, 2 Coats Paint, Sprayed.....	0.78	
		For Oil Based Paint, Add	0.05	
		For Work >20', Add	0.14	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.46	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

09 91 13 00-0056 Paint Exterior Metal Walls (09 91 13 00-0001)

09 91 13 00-0057 Paint Exterior Galvanized Walls (09 91 13 00-0056)

Note: Linseed oil or acrylic latex paint.

09 91 13 00-0058	SF	Paint Exterior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work.....	0.80	
		For Work >20', Add	0.16	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	

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

09 91	13 00-0059	SF		Paint Exterior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work.....	0.89	
				For Work >20', Add	0.19	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.58	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.18	
09 91	13 00-0060	SF		Paint Exterior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work.....	1.60	
				For Work >20', Add	0.33	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	1.02	
				For >100 To 250, Add	0.49	
				For >250 To 500, Add	0.21	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.16	
				For >10,000 To 20,000, Deduct	-0.24	
				For >20,000, Deduct	-0.32	
09 91	13 00-0061	SF		Paint Exterior Galvanized Walls, 1 Coat Primer, Brush/Roller Work.....	0.59	
				For Work >20', Add	0.12	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.37	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91	13 00-0062	SF		Paint Exterior Galvanized Walls, 1 Coat Paint, Brush/Roller Work.....	0.69	
				For Work >20', Add	0.14	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.14	
09 91	13 00-0063	SF		Paint Exterior Galvanized Walls, 2 Coats Paint, Brush/Roller Work.....	1.28	
				For Work >20', Add	0.26	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.80	
				For >100 To 250, Add	0.38	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.19	
				For >20,000, Deduct	-0.26	
09 91	13 00-0064	SF		Paint Exterior Galvanized Walls, 1 Coat Primer, Sprayed.....	0.46	
				For Work >20', Add	0.07	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.24	
				For >100 To 250, Add	0.12	
				For >250 To 500, Add	0.05	
				For >2,500 To 5,000, Deduct	-0.02	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 20,000, Deduct	-0.07	
				For >20,000, Deduct	-0.09	
09 91	13 00-0065	SF		Paint Exterior Galvanized Walls, 1 Coat Paint, Sprayed.....	0.62	
				For Work >20', Add	0.11	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91	13 00-0066	SF		Paint Exterior Galvanized Walls, 2 Coats Paint, Sprayed.....	1.02	
				For Work >20', Add	0.17	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.56	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	

09 91 13 00-0067 Paint Exterior Aluminum And Aluminum Alloy Walls (09 91 13 00-0056)
 Note: Alkyd enamel paint.

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0068	SF Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work.....	0.80	
	For Work >20', Add	0.16	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0069	SF Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work	0.89	
	For Work >20', Add	0.19	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.58	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 13 00-0070	SF Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	1.60	
	For Work >20', Add	0.33	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	1.02	
	For >100 To 250, Add	0.49	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.32	
09 91 13 00-0071	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work.....	0.64	
	For Work >20', Add	0.12	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0072	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.73	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0073	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.36	
	For Work >20', Add	0.26	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.82	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 13 00-0074	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed	0.51	
	For Work >20', Add	0.09	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
09 91 13 00-0075	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed.....	0.62	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0076	SF Paint Exterior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed.....	1.02	
	For Work >20', Add	0.17	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	

		Finishes	09
		Painting And Coating	09 90
		Painting	09 91
MINOR	CSI	TOTAL DIRECT	DEMOLITION
	UOM DESCRIPTION	UNIT COST	UNIT COST

09 91 13 00-0077		Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0056)	
09 91 13 00-0078	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Primer, Per LF Of Stack	11.10
		For Work >20', Add	2.56
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	7.81
		For >100 To 250, Add	3.67
		For >250 To 500, Add	1.58
		For >2,500 To 5,000, Deduct	-0.56
		For >5,000 To 10,000, Deduct	-1.11
		For >10,000 To 20,000, Deduct	-1.67
		For >20,000, Deduct	-2.22
09 91 13 00-0079	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 1 Coat Paint, Per LF Of Stack	12.36
		For Work >20', Add	2.85
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	8.69
		For >100 To 250, Add	4.08
		For >250 To 500, Add	1.76
		For >2,500 To 5,000, Deduct	-0.62
		For >5,000 To 10,000, Deduct	-1.24
		For >10,000 To 20,000, Deduct	-1.85
		For >20,000, Deduct	-2.47
09 91 13 00-0080	LF	Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, 2 Coats Paint, Per LF Of Stack	23.12
		For Work >20', Add	5.35
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	16.31
		For >100 To 250, Add	7.66
		For >250 To 500, Add	3.30
		For >2,500 To 5,000, Deduct	-1.16
		For >5,000 To 10,000, Deduct	-2.31
		For >10,000 To 20,000, Deduct	-3.47
		For >20,000, Deduct	-4.62
09 91 13 00-0081		Paint Exterior Corrugated Metal Walls (09 91 13 00-0056)	
09 91 13 00-0082	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Primer, Sprayed.....	0.59
		For Work >20', Add	0.10
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.32
		For >100 To 250, Add	0.16
		For >250 To 500, Add	0.07
		For >2,500 To 5,000, Deduct	-0.03
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000 To 20,000, Deduct	-0.09
		For >20,000, Deduct	-0.12
09 91 13 00-0083	SF	Paint Exterior Corrugated Metal Walls, 1 Coat Paint, Sprayed.....	0.81
		For Work >20', Add	0.15
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.49
		For >100 To 250, Add	0.23
		For >250 To 500, Add	0.10
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.08
		For >10,000 To 20,000, Deduct	-0.12
		For >20,000, Deduct	-0.16
09 91 13 00-0084	SF	Paint Exterior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.30
		For Work >20', Add	0.23
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.74
		For >100 To 250, Add	0.36
		For >250 To 500, Add	0.16
		For >2,500 To 5,000, Deduct	-0.07
		For >5,000 To 10,000, Deduct	-0.13
		For >10,000 To 20,000, Deduct	-0.20
		For >20,000, Deduct	-0.26
09 91 13 00-0085		Paint Exterior Stucco Walls (09 91 13 00-0001)	
09 91 13 00-0086	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Primer, Brush Work.....	1.14
		For Oil Based Paint, Add	0.06
		For Work >20', Add	0.25
		Note: Applied only to work area above 20'.	
		For Up To 100, Add	0.78
		For >100 To 250, Add	0.37
		For >250 To 500, Add	0.16
		For >2,500 To 5,000, Deduct	-0.06
		For >5,000 To 10,000, Deduct	-0.11
		For >10,000 To 20,000, Deduct	-0.17
		For >20,000, Deduct	-0.23

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0087	SF	Paint Exterior Stucco Wall Surfaces 1 Coat Paint, Brush Work	1.26	
		For Oil Based Paint, Add	0.07	
		For Work >20', Add	0.28	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.86	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.25	
09 91 13 00-0088	SF	Paint Exterior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.33	
		For Oil Based Paint, Add	0.13	
		For Work >20', Add	0.51	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	1.57	
		For >100 To 250, Add	0.74	
		For >250 To 500, Add	0.32	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000 To 20,000, Deduct	-0.35	
		For >20,000, Deduct	-0.47	
09 91 13 00-0089	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Brush/Roller Work	0.87	
		For Oil Based Paint, Add	0.05	
		For Work >20', Add	0.19	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.57	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.17	
09 91 13 00-0090	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Brush/Roller Work	0.98	
		For Oil Based Paint, Add	0.06	
		For Work >20', Add	0.21	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.65	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 13 00-0091	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Brush/Roller Work	1.79	
		For Oil Based Paint, Add	0.10	
		For Work >20', Add	0.37	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	1.16	
		For >100 To 250, Add	0.55	
		For >250 To 500, Add	0.24	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.18	
		For >10,000 To 20,000, Deduct	-0.27	
		For >20,000, Deduct	-0.36	
09 91 13 00-0092	SF	Paint Exterior Stucco Walls, 1 Coat Primer, Sprayed	0.63	
		For Oil Based Paint, Add	0.04	
		For Work >20', Add	0.12	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.38	
		For >100 To 250, Add	0.18	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.13	
09 91 13 00-0093	SF	Paint Exterior Stucco Walls, 1 Coat Paint, Sprayed	0.76	
		For Oil Based Paint, Add	0.05	
		For Work >20', Add	0.14	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.46	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.15	
09 91 13 00-0094	SF	Paint Exterior Stucco Walls, 2 Coats Paint, Sprayed	1.49	
		For Oil Based Paint, Add	0.09	
		For Work >20', Add	0.29	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.91	
		For >100 To 250, Add	0.44	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.30	

09 91 13 00-0095 Paint Exterior Wood Siding (09 91 13 00-0001)

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

09 91 13 00-0096	Paint Exterior Smooth Wood Siding <small>(09 91 13 00-0095)</small>		
	Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91 13 00-0097	SF Paint Exterior Wood Smooth Siding, 1 Coat Primer, Brush Work.....	0.83	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.17	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.53	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.17	
09 91 13 00-0098	SF Paint Exterior Wood Smooth Siding, 1 Coat Paint, Brush Work	0.87	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.19	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.57	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 13 00-0099	SF Paint Exterior Wood Smooth Siding, 2 Coats Paint, Brush Work.....	1.56	
	For Oil Based Paint, Add	0.09	
	For Work >20', Add	0.33	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	1.01	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.31	
09 91 13 00-0100	SF Paint Exterior Smooth Wood Siding, 1 Coat Primer, Brush/Roller Work.....	0.64	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.12	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0101	SF Paint Exterior Smooth Wood Siding, 1 Coat Paint, Brush/Roller Work	0.71	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
09 91 13 00-0102	SF Paint Exterior Smooth Wood Siding, 2 Coats Paint, Brush/Roller Work	1.32	
	For Oil Based Paint, Add	0.08	
	For Work >20', Add	0.26	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.81	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 13 00-0103	SF Paint Exterior Smooth Wood Siding, 1 Coat Primer, Sprayed	0.51	
	For Oil Based Paint, Add	0.03	
	For Work >20', Add	0.09	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.10	
09 91 13 00-0104	SF Paint Exterior Smooth Wood Siding, 1 Coat Paint, Sprayed.....	0.62	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0105	SF	Paint Exterior Smooth Wood Siding, 2 Coats Paint, Sprayed.....	1.00	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >20', Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.20	
09 91 13 00-0106		Paint Exterior Rough Wood Siding (09 91 13 00-0095)		
		<i>Note: Includes shingles, shakes or rough sawn siding.</i>		
09 91 13 00-0107	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Primer, Brush Work.....	1.28	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >20', Add</i>	0.28	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.86	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.19	
		<i>For >20,000, Deduct</i>	-0.26	
09 91 13 00-0108	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 1 Coat Paint, Brush Work.....	1.30	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >20', Add</i>	0.29	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.90	
		<i>For >100 To 250, Add</i>	0.42	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.26	
09 91 13 00-0109	SF	Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding, 2 Coats Paint, Brush Work.....	2.39	
		<i>For Oil Based Paint, Add</i>	0.13	
		<i>For Work >20', Add</i>	0.53	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	1.64	
		<i>For >100 To 250, Add</i>	0.77	
		<i>For >250 To 500, Add</i>	0.33	
		<i>For >2,500 To 5,000, Deduct</i>	-0.12	
		<i>For >5,000 To 10,000, Deduct</i>	-0.24	
		<i>For >10,000 To 20,000, Deduct</i>	-0.36	
		<i>For >20,000, Deduct</i>	-0.48	
09 91 13 00-0110	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Brush/Roller Work.....	1.11	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >20', Add</i>	0.21	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.66	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.17	
		<i>For >20,000, Deduct</i>	-0.22	
09 91 13 00-0111	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Brush/Roller Work.....	1.20	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >20', Add</i>	0.23	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.73	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.15	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.18	
		<i>For >20,000, Deduct</i>	-0.24	
09 91 13 00-0112	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Brush/Roller Work.....	2.22	
		<i>For Oil Based Paint, Add</i>	0.14	
		<i>For Work >20', Add</i>	0.42	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	1.33	
		<i>For >100 To 250, Add</i>	0.64	
		<i>For >250 To 500, Add</i>	0.28	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.22	
		<i>For >10,000 To 20,000, Deduct</i>	-0.33	
		<i>For >20,000, Deduct</i>	-0.44	
09 91 13 00-0113	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Primer, Sprayed.....	0.81	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Work >20', Add</i>	0.14	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.46	
		<i>For >100 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	

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

09 91 13 00-0114	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 1 Coat Paint, Sprayed	0.92		
		For Oil Based Paint, Add	0.06		
		For Work >20', Add	0.17		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.55		
		For >100 To 250, Add	0.26		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.18		
09 91 13 00-0115	SF	Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn), 2 Coats Paint, Sprayed	1.73		
		For Oil Based Paint, Add	0.11		
		For Work >20', Add	0.32		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	1.02		
		For >100 To 250, Add	0.49		
		For >250 To 500, Add	0.21		
		For >2,500 To 5,000, Deduct	-0.09		
		For >5,000 To 10,000, Deduct	-0.17		
		For >10,000 To 20,000, Deduct	-0.26		
		For >20,000, Deduct	-0.35		

09 91 13 00-0116 Paint Exterior Vinyl Siding (09 91 13 00-0001)

09 91 13 00-0117	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush Work	0.71		
		For Oil Based Paint, Add	0.04		
		For Work >20', Add	0.14		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.44		
		For >100 To 250, Add	0.21		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.14		
09 91 13 00-0118	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush Work	0.78		
		For Oil Based Paint, Add	0.05		
		For Work >20', Add	0.16		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.24		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.16		
09 91 13 00-0119	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush Work	1.43		
		For Oil Based Paint, Add	0.09		
		For Work >20', Add	0.28		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.88		
		For >100 To 250, Add	0.42		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.14		
		For >10,000 To 20,000, Deduct	-0.21		
		For >20,000, Deduct	-0.29		
09 91 13 00-0120	SF	Paint Exterior Vinyl Siding, 1 Coat Primer, Brush/Roller Work	0.64		
		For Oil Based Paint, Add	0.04		
		For Work >20', Add	0.12		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.38		
		For >100 To 250, Add	0.18		
		For >250 To 500, Add	0.08		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.13		
09 91 13 00-0121	SF	Paint Exterior Vinyl Siding, 1 Coat Paint, Brush/Roller Work	0.64		
		For Oil Based Paint, Add	0.04		
		For Work >20', Add	0.12		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.38		
		For >100 To 250, Add	0.18		
		For >250 To 500, Add	0.08		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.13		
09 91 13 00-0122	SF	Paint Exterior Vinyl Siding, 2 Coats Paint, Brush/Roller Work	1.17		
		For Oil Based Paint, Add	0.08		
		For Work >20', Add	0.21		
		Note: Applied only to work area above 20'.			
		For Up To 100, Add	0.67		
		For >100 To 250, Add	0.32		
		For >250 To 500, Add	0.14		
		For >2,500 To 5,000, Deduct	-0.06		
		For >5,000 To 10,000, Deduct	-0.12		
		For >10,000 To 20,000, Deduct	-0.18		
		For >20,000, Deduct	-0.23		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0123	SF		Paint Exterior Vinyl Siding, 1 Coat Primer, Sprayed	0.55	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Work >20', Add</i>	0.09	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.29	
			<i>For >100 To 250, Add</i>	0.14	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.08	
			<i>For >20,000, Deduct</i>	-0.11	
09 91 13 00-0124	SF		Paint Exterior Vinyl Siding, 1 Coat Paint, Sprayed.....	0.62	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work >20', Add</i>	0.09	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.30	
			<i>For >100 To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.07	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.09	
			<i>For >20,000, Deduct</i>	-0.12	
09 91 13 00-0125	SF		Paint Exterior Vinyl Siding, 2 Coats Paint, Sprayed.....	1.22	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work >20', Add</i>	0.17	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.59	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.12	
			<i>For >10,000 To 20,000, Deduct</i>	-0.18	
			<i>For >20,000, Deduct</i>	-0.24	
09 91 13 00-0126 Paint Exterior Ceilings <small>(09 91 13)</small>					
09 91 13 00-0127 Paint Exterior Concrete Ceilings <small>(09 91 13 00-0126)</small>					
09 91 13 00-0128	SF		Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush Work	0.76	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Epoxy Paint, Add</i>	0.07	
			<i>For Work >20', Add</i>	0.16	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.24	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.11	
			<i>For >20,000, Deduct</i>	-0.15	
09 91 13 00-0129	SF		Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush Work.....	0.83	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.07	
			<i>For Work >20', Add</i>	0.19	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0130	SF		Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush Work.....	1.47	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Work >20', Add</i>	0.33	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	1.00	
			<i>For >100 To 250, Add</i>	0.47	
			<i>For >250 To 500, Add</i>	0.20	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.15	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.29	
09 91 13 00-0131	SF		Paint Exterior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work.....	0.58	
			<i>For Oil Based Paint, Add</i>	0.03	
			<i>For Epoxy Paint, Add</i>	0.06	
			<i>For Work >20', Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Up To 100, Add</i>	0.37	
			<i>For >100 To 250, Add</i>	0.18	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.09	
			<i>For >20,000, Deduct</i>	-0.12	

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

09 91 13 00-0132	SF			Paint Exterior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.65	
				For Oil Based Paint, Add	0.04	
				For Epoxy Paint, Add	0.06	
				For Work >20', Add	0.14	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.43	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 13 00-0133	SF			Paint Exterior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.19	
				For Oil Based Paint, Add	0.07	
				For Epoxy Paint, Add	0.11	
				For Work >20', Add	0.26	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.79	
				For >100 To 250, Add	0.37	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.12	
				For >10,000 To 20,000, Deduct	-0.18	
				For >20,000, Deduct	-0.24	
09 91 13 00-0134	SF			Paint Exterior Concrete Ceiling, 1 Coat Filler, Sprayed	0.47	
				For Oil Based Paint, Add	0.03	
				For Epoxy Paint, Add	0.06	
				For Work >20', Add	0.09	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.27	
				For >100 To 250, Add	0.13	
				For >250 To 500, Add	0.06	
				For >2,500 To 5,000, Deduct	-0.02	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 20,000, Deduct	-0.07	
				For >20,000, Deduct	-0.09	
09 91 13 00-0135	SF			Paint Exterior Concrete Ceiling, 1 Coat Paint, Sprayed	0.56	
				For Oil Based Paint, Add	0.03	
				For Epoxy Paint, Add	0.06	
				For Work >20', Add	0.11	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.35	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.07	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.08	
				For >20,000, Deduct	-0.11	
09 91 13 00-0136	SF			Paint Exterior Concrete Ceiling, 2 Coats Paint, Sprayed	0.89	
				For Oil Based Paint, Add	0.06	
				For Epoxy Paint, Add	0.11	
				For Work >20', Add	0.17	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.54	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.18	
09 91 13 00-0137				Drywall/Plaster (09 91 13 00-0126)		
09 91 13 00-0138	SF			Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work	0.76	
				For Oil Based Paint, Add	0.04	
				For Orange Peel Finish, Add	0.11	
				For Epoxy Paint, Add	0.07	
				For Work >20', Add	0.16	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.50	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	
09 91 13 00-0139	SF			Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.83	
				For Oil Based Paint, Add	0.05	
				For Orange Peel Finish, Add	0.12	
				For Epoxy Paint, Add	0.07	
				For Work >20', Add	0.19	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.57	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.17	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0140	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	1.47	
		For Oil Based Paint, Add	0.08	
		For Orange Peel Finish, Add	0.21	
		For Epoxy Paint, Add	0.12	
		For Work >20', Add	0.33	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	1.00	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.20	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.29	
09 91 13 00-0141	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.57	
		For Oil Based Paint, Add	0.03	
		For Orange Peel Finish, Add	0.08	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.12	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.36	
		For >100 To 250, Add	0.17	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.11	
09 91 13 00-0142	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.65	
		For Oil Based Paint, Add	0.04	
		For Orange Peel Finish, Add	0.09	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.14	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.43	
		For >100 To 250, Add	0.21	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.13	
09 91 13 00-0143	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.18	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.17	
		For Epoxy Paint, Add	0.11	
		For Work >20', Add	0.25	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.78	
		For >100 To 250, Add	0.37	
		For >250 To 500, Add	0.16	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.24	
09 91 13 00-0144	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed.....	0.47	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.09	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.27	
		For >100 To 250, Add	0.13	
		For >250 To 500, Add	0.06	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.07	
		For >20,000, Deduct	-0.09	
09 91 13 00-0145	SF	Paint Exterior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed.....	0.57	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.06	
		For Work >20', Add	0.12	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.36	
		For >100 To 250, Add	0.17	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.11	
09 91 13 00-0146	SF	Paint Exterior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed.....	0.89	
		For Oil Based Paint, Add	0.06	
		For Epoxy Paint, Add	0.11	
		For Work >20', Add	0.17	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.54	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.18	

09 91 13 00-0147 Paint Exterior Wood Ceilings (09 91 13 00-0126)

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

09 91 13 00-0148	Paint Exterior Smooth Wood Ceilings <small>(09 91 13 00-0147)</small>		
09 91 13 00-0149	SF Paint Exterior Wood Smooth Ceiling, 1 Coat Primer, Brush Work.....	0.92	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.19	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.60	
	For >100 To 250, Add	0.28	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 13 00-0150	SF Paint Exterior Wood Smooth Ceiling, 1 Coat Paint, Brush Work.....	0.96	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.21	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.64	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 13 00-0151	SF Paint Exterior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	1.74	
	For Oil Based Paint, Add	0.10	
	For Work >20', Add	0.37	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	1.15	
	For >100 To 250, Add	0.54	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.26	
	For >20,000, Deduct	-0.35	
09 91 13 00-0152	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.73	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0153	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.80	
	For Oil Based Paint, Add	0.05	
	For Work >20', Add	0.16	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0154	SF Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.41	
	For Oil Based Paint, Add	0.09	
	For Work >20', Add	0.28	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.88	
	For >100 To 250, Add	0.42	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 13 00-0155	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Primer, Sprayed.....	0.58	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0156	SF Paint Exterior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.58	
	For Oil Based Paint, Add	0.04	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	

09 Finishes

09 90 Painting And Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0157	SF	Paint Exterior Smooth Wood Ceiling, 2 Coats Paint, Sprayed.....	1.06	
		For Oil Based Paint, Add	0.07	
		For Work >20', Add	0.20	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.64	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.21	
09 91 13 00-0158		Paint Exterior Rough Wood Ceilings (09 91 13 00-0147)		
09 91 13 00-0159	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Primer, Brush Work.....	1.37	
		For Oil Based Paint, Add	0.08	
		For Work >20', Add	0.29	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.90	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
09 91 13 00-0160	SF	Paint Exterior Wood Rough Ceiling, 1 Coat Paint, Brush Work	1.43	
		For Oil Based Paint, Add	0.08	
		For Work >20', Add	0.33	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.99	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.20	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.29	
09 91 13 00-0161	SF	Paint Exterior Wood Rough Ceiling, 2 Coats Paint, Brush Work	2.48	
		For Oil Based Paint, Add	0.14	
		For Work >20', Add	0.56	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	1.70	
		For >100 To 250, Add	0.80	
		For >250 To 500, Add	0.35	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.25	
		For >10,000 To 20,000, Deduct	-0.37	
		For >20,000, Deduct	-0.50	
09 91 13 00-0162	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	1.20	
		For Oil Based Paint, Add	0.07	
		For Work >20', Add	0.23	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.73	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.24	
09 91 13 00-0163	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Brush/Roller Work.....	1.29	
		For Oil Based Paint, Add	0.08	
		For Work >20', Add	0.25	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.80	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.26	
09 91 13 00-0164	SF	Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Brush/Roller Work.....	2.31	
		For Oil Based Paint, Add	0.14	
		For Work >20', Add	0.44	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	1.40	
		For >100 To 250, Add	0.67	
		For >250 To 500, Add	0.29	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000 To 20,000, Deduct	-0.35	
		For >20,000, Deduct	-0.46	
09 91 13 00-0165	SF	Paint Exterior Rough Wood Ceiling, 1 Coat Primer, Sprayed	0.92	
		For Oil Based Paint, Add	0.06	
		For Work >20', Add	0.17	
		Note: Applied only to work area above 20'.		
		For Up To 100, Add	0.55	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

09 91 13 00-0166	SF			Paint Exterior Rough Wood Ceiling, 1 Coat Paint, Sprayed	1.03	
				For Oil Based Paint, Add	0.06	
				For Work >20', Add	0.20	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.63	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.21	
09 91 13 00-0167	SF			Paint Exterior Rough Wood Ceiling, 2 Coats Paint, Sprayed.....	1.85	
				For Oil Based Paint, Add	0.12	
				For Work >20', Add	0.35	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	1.11	
				For >100 To 250, Add	0.53	
				For >250 To 500, Add	0.23	
				For >2,500 To 5,000, Deduct	-0.09	
				For >5,000 To 10,000, Deduct	-0.19	
				For >10,000 To 20,000, Deduct	-0.28	
				For >20,000, Deduct	-0.37	
09 91 13 00-0168	Paint Exterior Metal Ceilings <small>(09 91 13 00-0126)</small>					
09 91 13 00-0169	Paint Exterior Galvanized Ceilings <small>(09 91 13 00-0168)</small>					
				Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0170	SF			Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush Work.....	0.89	
				For Work >20', Add	0.19	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.58	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.18	
09 91 13 00-0171	SF			Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush Work	0.98	
				For Work >20', Add	0.21	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.65	
				For >100 To 250, Add	0.31	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	
09 91 13 00-0172	SF			Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush Work	1.78	
				For Work >20', Add	0.37	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	1.16	
				For >100 To 250, Add	0.55	
				For >250 To 500, Add	0.24	
				For >2,500 To 5,000, Deduct	-0.09	
				For >5,000 To 10,000, Deduct	-0.18	
				For >10,000 To 20,000, Deduct	-0.27	
				For >20,000, Deduct	-0.36	
09 91 13 00-0173	SF			Paint Exterior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.68	
				For Work >20', Add	0.14	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.14	
09 91 13 00-0174	SF			Paint Exterior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.77	
				For Work >20', Add	0.16	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.51	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.15	
09 91 13 00-0175	SF			Paint Exterior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.35	
				For Work >20', Add	0.28	
				Note: Applied only to work area above 20'.		
				For Up To 100, Add	0.87	
				For >100 To 250, Add	0.41	
				For >250 To 500, Add	0.18	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.27	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0176	SF Paint Exterior Galvanized Ceiling, 1 Coat Primer, Sprayed.....	0.62	
	For Work >20', Add	0.11	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 13 00-0177	SF Paint Exterior Galvanized Ceiling, 1 Coat Paint, Sprayed.....	0.73	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0178	SF Paint Exterior Galvanized Ceiling, 2 Coats Paint, Sprayed.....	1.14	
	For Work >20', Add	0.20	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 13 00-0179	Paint Exterior Aluminum And Aluminum Alloy Ceilings (09 91 13 00-0168)		
	Note: Alkyd enamel paint.		
09 91 13 00-0180	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work.....	0.89	
	For Work >20', Add	0.19	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.58	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 13 00-0181	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work.....	0.98	
	For Work >20', Add	0.21	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 13 00-0182	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work.....	1.78	
	For Work >20', Add	0.37	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	1.16	
	For >100 To 250, Add	0.55	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.36	
09 91 13 00-0183	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.73	
	For Work >20', Add	0.14	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 13 00-0184	SF Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.82	
	For Work >20', Add	0.16	
	Note: Applied only to work area above 20'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	

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

09 91 13 00-0185	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work		1.45	
		<i>For Work >20', Add</i>		0.28	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.88	
		<i>For >100 To 250, Add</i>		0.42	
		<i>For >250 To 500, Add</i>		0.18	
		<i>For >2,500 To 5,000, Deduct</i>		-0.07	
		<i>For >5,000 To 10,000, Deduct</i>		-0.15	
		<i>For >10,000 To 20,000, Deduct</i>		-0.22	
		<i>For >20,000, Deduct</i>		-0.29	
09 91 13 00-0186	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed		0.62	
		<i>For Work >20', Add</i>		0.11	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.36	
		<i>For >100 To 250, Add</i>		0.17	
		<i>For >250 To 500, Add</i>		0.08	
		<i>For >2,500 To 5,000, Deduct</i>		-0.03	
		<i>For >5,000 To 10,000, Deduct</i>		-0.06	
		<i>For >10,000 To 20,000, Deduct</i>		-0.09	
		<i>For >20,000, Deduct</i>		-0.12	
09 91 13 00-0187	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed		0.62	
		<i>For Work >20', Add</i>		0.11	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.36	
		<i>For >100 To 250, Add</i>		0.17	
		<i>For >250 To 500, Add</i>		0.08	
		<i>For >2,500 To 5,000, Deduct</i>		-0.03	
		<i>For >5,000 To 10,000, Deduct</i>		-0.06	
		<i>For >10,000 To 20,000, Deduct</i>		-0.09	
		<i>For >20,000, Deduct</i>		-0.12	
09 91 13 00-0188	SF	Paint Exterior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed		1.14	
		<i>For Work >20', Add</i>		0.20	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.65	
		<i>For >100 To 250, Add</i>		0.31	
		<i>For >250 To 500, Add</i>		0.14	
		<i>For >2,500 To 5,000, Deduct</i>		-0.06	
		<i>For >5,000 To 10,000, Deduct</i>		-0.11	
		<i>For >10,000 To 20,000, Deduct</i>		-0.17	
		<i>For >20,000, Deduct</i>		-0.23	
09 91 13 00-0189 Paint Exterior Corrugated Metal Ceilings <small>(09 91 13 00-0188)</small>					
09 91 13 00-0190	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed		0.69	
		<i>For Work >20', Add</i>		0.12	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.40	
		<i>For >100 To 250, Add</i>		0.19	
		<i>For >250 To 500, Add</i>		0.08	
		<i>For >2,500 To 5,000, Deduct</i>		-0.03	
		<i>For >5,000 To 10,000, Deduct</i>		-0.07	
		<i>For >10,000 To 20,000, Deduct</i>		-0.10	
		<i>For >20,000, Deduct</i>		-0.14	
09 91 13 00-0191	SF	Paint Exterior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed		0.81	
		<i>For Work >20', Add</i>		0.15	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.49	
		<i>For >100 To 250, Add</i>		0.23	
		<i>For >250 To 500, Add</i>		0.10	
		<i>For >2,500 To 5,000, Deduct</i>		-0.04	
		<i>For >5,000 To 10,000, Deduct</i>		-0.08	
		<i>For >10,000 To 20,000, Deduct</i>		-0.12	
		<i>For >20,000, Deduct</i>		-0.16	
09 91 13 00-0192	SF	Paint Exterior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed		1.45	
		<i>For Work >20', Add</i>		0.27	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Up To 100, Add</i>		0.85	
		<i>For >100 To 250, Add</i>		0.41	
		<i>For >250 To 500, Add</i>		0.18	
		<i>For >2,500 To 5,000, Deduct</i>		-0.07	
		<i>For >5,000 To 10,000, Deduct</i>		-0.15	
		<i>For >10,000 To 20,000, Deduct</i>		-0.22	
		<i>For >20,000, Deduct</i>		-0.29	
09 91 13 00-0193 Paint Exterior Floors <small>(09 91 13)</small>					
09 91 13 00-0194 Paint Exterior Concrete Floors <small>(09 91 13 00-0193)</small>					
09 91 13 00-0195	SF	Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush Work		0.58	
		<i>For Oil Based Paint, Add</i>		0.03	
		<i>For Epoxy Paint, Add</i>		0.06	
		<i>For Up To 100, Add</i>		0.37	
		<i>For >100 To 250, Add</i>		0.18	
		<i>For >250 To 500, Add</i>		0.08	
		<i>For >2,500 To 5,000, Deduct</i>		-0.03	
		<i>For >5,000 To 10,000, Deduct</i>		-0.06	
		<i>For >10,000 To 20,000, Deduct</i>		-0.09	
		<i>For >20,000, Deduct</i>		-0.12	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0196	SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush Work	0.65	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 13 00-0197	SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush Work.....	1.18	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.11	
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 13 00-0198	SF Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.47	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	
09 91 13 00-0199	SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.56	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
09 91 13 00-0200	SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	0.89	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.10	
	For Up To 100, Add	0.57	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
09 91 13 00-0201	SF Paint Exterior Concrete Floors And Decks, 1 Coat Primer, Sprayed	0.36	
	For Oil Based Paint, Add	0.02	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.19	
	For >100 To 250, Add	0.09	
	For >250 To 500, Add	0.04	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.05	
	For >20,000, Deduct	-0.07	
09 91 13 00-0202	SF Paint Exterior Concrete Floors And Decks, 1 Coat Paint, Sprayed.....	0.45	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.27	
	For >100 To 250, Add	0.13	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	
09 91 13 00-0203	SF Paint Exterior Concrete Floors And Decks, 2 Coats Paint, Sprayed.....	0.78	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.10	
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 13 00-0204	SF Paint Exterior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush/Roller Work.....	1.27	
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	

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

09 91 13 00-0205	SF			Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip, Single Component Epoxy Coating, Brush/Roller Work.....	2.79	
				For Up To 100, Add	0.70	
				For >100 To 250, Add	0.40	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.14	
				For >5,000 To 10,000, Deduct	-0.28	
				For >10,000 To 20,000, Deduct	-0.42	
				For >20,000, Deduct	-0.56	
09 91 13 00-0206	SF			Paint Exterior Concrete Floors And Decks, 1 Coat Anti-Slip High Performance Epoxy Coating, Brush/Roller Work.....	3.44	
				For Up To 100, Add	0.80	
				For >100 To 250, Add	0.46	
				For >250 To 500, Add	0.22	
				For >2,500 To 5,000, Deduct	-0.17	
				For >5,000 To 10,000, Deduct	-0.34	
				For >10,000 To 20,000, Deduct	-0.52	
				For >20,000, Deduct	-0.69	

09 91 13 00-0207 Paint Exterior Wood Floors (09 91 13 00-0193)

09 91 13 00-0208	SF			Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush Work.....	0.71	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.14	
09 91 13 00-0209	SF			Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.78	
				For Oil Based Paint, Add	0.05	
				For Up To 100, Add	0.51	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	
09 91 13 00-0210	SF			Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	1.45	
				For Oil Based Paint, Add	0.09	
				For Up To 100, Add	0.93	
				For >100 To 250, Add	0.44	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
09 91 13 00-0211	SF			Paint Exterior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.64	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.38	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 13 00-0212	SF			Paint Exterior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work.....	0.71	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.14	
09 91 13 00-0213	SF			Paint Exterior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work.....	1.13	
				For Oil Based Paint, Add	0.07	
				For Up To 100, Add	0.67	
				For >100 To 250, Add	0.32	
				For >250 To 500, Add	0.14	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.17	
				For >20,000, Deduct	-0.23	
09 91 13 00-0214	SF			Paint Exterior Wood Floors And Decks, 1 Coat Primer, Sprayed.....	0.47	
				For Oil Based Paint, Add	0.03	
				For Up To 100, Add	0.27	
				For >100 To 250, Add	0.13	
				For >250 To 500, Add	0.06	
				For >2,500 To 5,000, Deduct	-0.02	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 20,000, Deduct	-0.07	
				For >20,000, Deduct	-0.09	
09 91 13 00-0215	SF			Paint Exterior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.58	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.07	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0216	SF	Paint Exterior Wood Floors And Decks, 2 Coats Paint, Sprayed.....	0.94	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.55	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 13 00-0217	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work.....	1.36	
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.27	
09 91 13 00-0218	SF	Paint Exterior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work.....	3.53	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 250, Add</i>	0.49	
		<i>For >250 To 500, Add</i>	0.23	
		<i>For >2,500 To 5,000, Deduct</i>	-0.18	
		<i>For >5,000 To 10,000, Deduct</i>	-0.35	
		<i>For >10,000 To 20,000, Deduct</i>	-0.53	
		<i>For >20,000, Deduct</i>	-0.71	
09 91 13 00-0219		Paint Exterior Doors And Windows (09 91 13)		
09 91 13 00-0220		Paint Exterior Door Frames (09 91 13 00-0219)		
09 91 13 00-0221	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.97	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.25	
09 91 13 00-0222	LF	Paint Exterior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.26	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.33	
09 91 13 00-0223	LF	Paint Exterior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	2.12	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.55	
09 91 13 00-0224	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.96	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.25	
09 91 13 00-0225	LF	Paint Exterior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.25	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.32	
09 91 13 00-0226	LF	Paint Exterior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	2.11	
		<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.55	
09 91 13 00-0227		Paint Exterior Metal Doors (09 91 13 00-0219)		
09 91 13 00-0228	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work.....	36.97	
		<i>For Half Louvered Door, Add</i>	4.02	
		<i>For Full Louvered Door, Add</i>	6.71	
		<i>For Electrostatic Painting, Add</i>	5.22	
		<i>For >5 To 10, Deduct</i>	-1.85	
		<i>For >10 To 25, Deduct</i>	-3.70	
		<i>For >25, Deduct</i>	-5.55	
09 91 13 00-0229	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work.....	36.97	
		<i>For Half Louvered Door, Add</i>	4.02	
		<i>For Full Louvered Door, Add</i>	6.71	
		<i>For Electrostatic Painting, Add</i>	5.22	
		<i>For >5 To 10, Deduct</i>	-1.85	
		<i>For >10 To 25, Deduct</i>	-3.70	
		<i>For >25, Deduct</i>	-5.55	
09 91 13 00-0230	EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work.....	65.45	
		<i>For Half Louvered Door, Add</i>	6.79	
		<i>For Full Louvered Door, Add</i>	11.32	
		<i>For Electrostatic Painting, Add</i>	9.57	
		<i>For >5 To 10, Deduct</i>	-3.27	
		<i>For >10 To 25, Deduct</i>	-6.55	
		<i>For >25, Deduct</i>	-9.82	
09 91 13 00-0231	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	66.32	
		<i>For Half Louvered Door, Add</i>	7.21	
		<i>For Full Louvered Door, Add</i>	12.02	
		<i>For Electrostatic Painting, Add</i>	9.37	
		<i>For >5 To 10, Deduct</i>	-3.32	
		<i>For >10 To 25, Deduct</i>	-6.63	
		<i>For >25, Deduct</i>	-9.95	
09 91 13 00-0232	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	66.32	
		<i>For Half Louvered Door, Add</i>	7.21	
		<i>For Full Louvered Door, Add</i>	12.02	
		<i>For Electrostatic Painting, Add</i>	9.37	
		<i>For >5 To 10, Deduct</i>	-3.32	
		<i>For >10 To 25, Deduct</i>	-6.63	
		<i>For >25, Deduct</i>	-9.95	
09 91 13 00-0233	EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	117.82	
		<i>For Half Louvered Door, Add</i>	12.20	
		<i>For Full Louvered Door, Add</i>	20.34	
		<i>For Electrostatic Painting, Add</i>	17.25	
		<i>For >5 To 10, Deduct</i>	-5.89	
		<i>For >10 To 25, Deduct</i>	-11.78	
		<i>For >25, Deduct</i>	-17.67	

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

09 91 13 00-0234	EA	Paint Exterior Metal Door, One Face, 1 Coat Primer, Sprayed.....	29.03		
		<i>For Half Louvered Door, Add</i>	2.68		
		<i>For Full Louvered Door, Add</i>	4.47		
		<i>For Electrostatic Painting, Add</i>	4.58		
		<i>For >5 To 10, Deduct</i>	-1.45		
		<i>For >10 To 25, Deduct</i>	-2.90		
		<i>For >25, Deduct</i>	-4.35		
09 91 13 00-0235	EA	Paint Exterior Metal Door, One Face, 1 Coat Paint, Sprayed	29.03		
		<i>For Half Louvered Door, Add</i>	2.68		
		<i>For Full Louvered Door, Add</i>	4.47		
		<i>For Electrostatic Painting, Add</i>	4.58		
		<i>For >5 To 10, Deduct</i>	-1.45		
		<i>For >10 To 25, Deduct</i>	-2.90		
		<i>For >25, Deduct</i>	-4.35		
09 91 13 00-0236	EA	Paint Exterior Metal Door, One Face, 2 Coats Paint, Sprayed	52.37		
		<i>For Half Louvered Door, Add</i>	4.53		
		<i>For Full Louvered Door, Add</i>	7.55		
		<i>For Electrostatic Painting, Add</i>	8.56		
		<i>For >5 To 10, Deduct</i>	-2.62		
		<i>For >10 To 25, Deduct</i>	-5.24		
		<i>For >25, Deduct</i>	-7.86		
09 91 13 00-0237	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Primer, Sprayed	52.11		
		<i>For Half Louvered Door, Add</i>	4.81		
		<i>For Full Louvered Door, Add</i>	8.01		
		<i>For Electrostatic Painting, Add</i>	8.22		
		<i>For >5 To 10, Deduct</i>	-2.61		
		<i>For >10 To 25, Deduct</i>	-5.21		
		<i>For >25, Deduct</i>	-7.82		
09 91 13 00-0238	EA	Paint Exterior Metal Door, Both Faces, 1 Coat Paint, Sprayed.....	52.11		
		<i>For Half Louvered Door, Add</i>	4.81		
		<i>For Full Louvered Door, Add</i>	8.01		
		<i>For Electrostatic Painting, Add</i>	8.22		
		<i>For >5 To 10, Deduct</i>	-2.61		
		<i>For >10 To 25, Deduct</i>	-5.21		
		<i>For >25, Deduct</i>	-7.82		
09 91 13 00-0239	EA	Paint Exterior Metal Door, Both Faces, 2 Coats Paint, Sprayed.....	94.34		
		<i>For Half Louvered Door, Add</i>	8.13		
		<i>For Full Louvered Door, Add</i>	13.56		
		<i>For Electrostatic Painting, Add</i>	15.45		
		<i>For >5 To 10, Deduct</i>	-4.72		
		<i>For >10 To 25, Deduct</i>	-9.43		
		<i>For >25, Deduct</i>	-14.15		
09 91 13 00-0240	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work.....	2.00		
		<i>For Electrostatic Painting, Add</i>	0.23		
09 91 13 00-0241	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work	2.07		
		<i>For Electrostatic Painting, Add</i>	0.24		
09 91 13 00-0242	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work.....	4.29		
		<i>For Electrostatic Painting, Add</i>	0.49		
09 91 13 00-0243	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed.....	2.24		
		<i>For Electrostatic Painting, Add</i>	0.25		
09 91 13 00-0244	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed.....	2.31		
		<i>For Electrostatic Painting, Add</i>	0.27		
09 91 13 00-0245	SF	Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed.....	4.48		
		<i>For Electrostatic Painting, Add</i>	0.52		

09 91 13 00-0246 Paint Exterior Wood Doors (09 91 13 00-0219)

09 91 13 00-0247	EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work	36.97		
		<i>For Half Louvered Door, Add</i>	4.02		
		<i>For Full Louvered Door, Add</i>	6.71		
		<i>For >5 To 10, Deduct</i>	-1.85		
		<i>For >10 To 25, Deduct</i>	-3.70		
		<i>For >25, Deduct</i>	-5.55		
09 91 13 00-0248	EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work.....	36.97		
		<i>For Half Louvered Door, Add</i>	4.02		
		<i>For Full Louvered Door, Add</i>	6.71		
		<i>For >5 To 10, Deduct</i>	-1.85		
		<i>For >10 To 25, Deduct</i>	-3.70		
		<i>For >25, Deduct</i>	-5.55		
09 91 13 00-0249	EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	65.45		
		<i>For Half Louvered Door, Add</i>	6.79		
		<i>For Full Louvered Door, Add</i>	11.32		
		<i>For >5 To 10, Deduct</i>	-3.27		
		<i>For >10 To 25, Deduct</i>	-6.55		
		<i>For >25, Deduct</i>	-9.82		
09 91 13 00-0250	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....	66.32		
		<i>For Half Louvered Door, Add</i>	7.21		
		<i>For Full Louvered Door, Add</i>	12.02		
		<i>For >5 To 10, Deduct</i>	-3.32		
		<i>For >10 To 25, Deduct</i>	-6.63		
		<i>For >25, Deduct</i>	-9.95		
09 91 13 00-0251	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work	66.32		
		<i>For Half Louvered Door, Add</i>	7.21		
		<i>For Full Louvered Door, Add</i>	12.02		
		<i>For >5 To 10, Deduct</i>	-3.32		
		<i>For >10 To 25, Deduct</i>	-6.63		
		<i>For >25, Deduct</i>	-9.95		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0252	EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	117.82	
			<i>For Half Louvered Door, Add</i>	12.20	
			<i>For Full Louvered Door, Add</i>	20.34	
			<i>For >5 To 10, Deduct</i>	-5.89	
			<i>For >10 To 25, Deduct</i>	-11.78	
			<i>For >25, Deduct</i>	-17.67	
09 91	13 00-0253	EA	Paint Exterior Wood Door, One Face, 1 Coat Primer, Sprayed	29.03	
			<i>For Half Louvered Door, Add</i>	2.68	
			<i>For Full Louvered Door, Add</i>	4.47	
			<i>For >5 To 10, Deduct</i>	-1.45	
			<i>For >10 To 25, Deduct</i>	-2.90	
			<i>For >25, Deduct</i>	-4.35	
09 91	13 00-0254	EA	Paint Exterior Wood Door, One Face, 1 Coat Paint, Sprayed.....	29.03	
			<i>For Half Louvered Door, Add</i>	2.68	
			<i>For Full Louvered Door, Add</i>	4.47	
			<i>For >5 To 10, Deduct</i>	-1.45	
			<i>For >10 To 25, Deduct</i>	-2.90	
			<i>For >25, Deduct</i>	-4.35	
09 91	13 00-0255	EA	Paint Exterior Wood Door, One Face, 2 Coats Paint, Sprayed.....	52.38	
			<i>For Half Louvered Door, Add</i>	4.53	
			<i>For Full Louvered Door, Add</i>	7.55	
			<i>For >5 To 10, Deduct</i>	-2.62	
			<i>For >10 To 25, Deduct</i>	-5.24	
			<i>For >25, Deduct</i>	-7.86	
09 91	13 00-0256	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Primer, Sprayed.....	52.11	
			<i>For Half Louvered Door, Add</i>	4.81	
			<i>For Full Louvered Door, Add</i>	8.01	
			<i>For >5 To 10, Deduct</i>	-2.61	
			<i>For >10 To 25, Deduct</i>	-5.21	
			<i>For >25, Deduct</i>	-7.82	
09 91	13 00-0257	EA	Paint Exterior Wood Door, Both Faces, 1 Coat Paint, Sprayed	52.11	
			<i>For Half Louvered Door, Add</i>	4.81	
			<i>For Full Louvered Door, Add</i>	8.01	
			<i>For >5 To 10, Deduct</i>	-2.61	
			<i>For >10 To 25, Deduct</i>	-5.21	
			<i>For >25, Deduct</i>	-7.82	
09 91	13 00-0258	EA	Paint Exterior Wood Door, Both Faces, 2 Coats Paint, Sprayed	94.34	
			<i>For Half Louvered Door, Add</i>	8.13	
			<i>For Full Louvered Door, Add</i>	13.56	
			<i>For >5 To 10, Deduct</i>	-4.72	
			<i>For >10 To 25, Deduct</i>	-9.43	
			<i>For >25, Deduct</i>	-14.15	
09 91	13 00-0259	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Brush/Roller Work.....	2.02	
09 91	13 00-0260	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Brush/Roller Work.....	2.07	
09 91	13 00-0261	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Brush/Roller Work.....	4.29	
09 91	13 00-0262	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Primer, Sprayed	2.24	
09 91	13 00-0263	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 1 Coat Paint, Sprayed.....	2.31	
09 91	13 00-0264	SF	Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door, 2 Coats Paint, Sprayed.....	4.48	
09 91 13 00-0265 Paint Exterior Metal Windows (09 91 13 00-0219)					
Note: Two finish coats paint over rust inhibitive primer.					
09 91	13 00-0266	EA	Up To 8 SF Window Size, Paint Exterior Metal Window Including Trim.....	66.85	
			<i>For Electrostatic Painting, Add</i>	7.70	
			<i>For >5 To 10, Deduct</i>	-3.34	
			<i>For >10 To 25, Deduct</i>	-6.69	
			<i>For >25, Deduct</i>	-10.03	
09 91	13 00-0267	EA	> 8 To 14 SF Window Size, Paint Exterior Metal Window Including Trim.....	79.76	
			<i>For Electrostatic Painting, Add</i>	9.54	
			<i>For >5 To 10, Deduct</i>	-3.99	
			<i>For >10 To 25, Deduct</i>	-7.98	
			<i>For >25, Deduct</i>	-11.96	
09 91	13 00-0268	EA	> 14 To 20 SF Window Size, Paint Exterior Metal Window Including Trim.....	107.26	
			<i>For Electrostatic Painting, Add</i>	12.94	
			<i>For >5 To 10, Deduct</i>	-5.36	
			<i>For >10 To 25, Deduct</i>	-10.73	
			<i>For >25, Deduct</i>	-16.09	
09 91	13 00-0269	EA	> 20 To 26 SF Window Size, Paint Exterior Metal Window Including Trim.....	120.76	
			<i>For Electrostatic Painting, Add</i>	14.58	
			<i>For >5 To 10, Deduct</i>	-6.04	
			<i>For >10 To 25, Deduct</i>	-12.08	
			<i>For >25, Deduct</i>	-18.11	
09 91	13 00-0270	EA	> 26 To 34 SF Window Size, Paint Exterior Metal Window Including Trim.....	133.98	
			<i>For Electrostatic Painting, Add</i>	16.16	
			<i>For >5 To 10, Deduct</i>	-6.70	
			<i>For >10 To 25, Deduct</i>	-13.40	
			<i>For >25, Deduct</i>	-20.10	
09 91	13 00-0271	SF	> 34 SF Window Size, Paint Exterior Metal Window Including Trim	4.25	
			<i>For Electrostatic Painting, Add</i>	0.51	
09 91 13 00-0272 Paint Exterior Wood Windows (09 91 13 00-0219)					
Note: Two finish coats paint over primer.					
09 91	13 00-0273	EA	Up To 8 SF Window Size, Paint Exterior Wood Window Including Trim.....	66.85	
			<i>For >5 To 10, Deduct</i>	-3.34	
			<i>For >10 To 25, Deduct</i>	-6.69	
			<i>For >25, Deduct</i>	-10.03	

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

09 91 13 00-0274	EA	> 8 To 14 SF Window Size, Paint Exterior Wood Window Including Trim		79.76	
		<i>For >5 To 10, Deduct</i>		-3.99	
		<i>For >10 To 25, Deduct</i>		-7.98	
		<i>For >25, Deduct</i>		-11.96	
09 91 13 00-0275	EA	> 14 To 20 SF Window Size, Paint Exterior Wood Window Including Trim		107.26	
		<i>For >5 To 10, Deduct</i>		-5.36	
		<i>For >10 To 25, Deduct</i>		-10.73	
		<i>For >25, Deduct</i>		-16.09	
09 91 13 00-0276	EA	> 20 To 26 SF Window Size, Paint Exterior Wood Window Including Trim		120.76	
		<i>For >5 To 10, Deduct</i>		-6.04	
		<i>For >10 To 25, Deduct</i>		-12.08	
		<i>For >25, Deduct</i>		-18.11	
09 91 13 00-0277	EA	> 26 To 34 SF Window Size, Paint Exterior Wood Window Including Trim		133.98	
		<i>For >5 To 10, Deduct</i>		-6.70	
		<i>For >10 To 25, Deduct</i>		-13.40	
		<i>For >25, Deduct</i>		-20.10	
09 91 13 00-0278	SF	> 34 SF Window Size, Paint Exterior Wood Window Including Trim		4.49	
09 91 13 00-0279	Paint Exterior Security Screens (09 91 13 00-0219)				
09 91 13 00-0280	SF	Paint Exterior Security Screen, 1 Coat Primer, Brush/Roller Work		1.27	
		<i>For Electrostatic Painting, Add</i>		0.15	
09 91 13 00-0281	SF	Paint Exterior Security Screen, 1 Coat Paint, Brush/Roller Work		1.35	
		<i>For Electrostatic Painting, Add</i>		0.15	
09 91 13 00-0282	SF	Paint Exterior Security Screen, 2 Coats Paint, Brush/Roller Work		2.22	
		<i>For Electrostatic Painting, Add</i>		0.25	
09 91 13 00-0283	Paint Exterior Window Guards (09 91 13 00-0219)				
09 91 13 00-0284	SF	Paint Exterior Metal Window Guards, 1 Coat Primer, Brush/Roller Work		1.27	
09 91 13 00-0285	SF	Paint Exterior Metal Window Guards, 1 Coat Paint, Brush/Roller Work		1.35	
09 91 13 00-0286	SF	Paint Exterior Metal Window Guards, 2 Coats Paint, Brush/Roller Work		2.22	
09 91 13 00-0287	Paint Exterior Window Trim (09 91 13 00-0219)				
09 91 13 00-0288	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work		1.17	
09 91 13 00-0289	LF	Paint Exterior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work		1.17	
09 91 13 00-0290	LF	Paint Exterior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work		1.37	
09 91 13 00-0291	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work		1.24	
09 91 13 00-0292	LF	Paint Exterior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work		1.24	
09 91 13 00-0293	LF	Paint Exterior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work		1.50	
09 91 13 00-0294	Paint Roofing And Trim (09 91 13)				
09 91 13 00-0295	Paint Stain Or Seal Wood Roofing (09 91 13 00-0294)				
09 91 13 00-0296	SF	Stain And Seal Shingles/Shake, 1 Coat, Brush/Roller Work		1.57	
		<i>For Up To 100, Add</i>		0.91	
		<i>For >100 To 250, Add</i>		0.44	
		<i>For >250 To 500, Add</i>		0.19	
09 91 13 00-0297	SF	Stain And Seal Shingles/Shake, 2 Coats, Brush/Roller Work		2.89	
		<i>For Up To 100, Add</i>		1.65	
		<i>For >100 To 250, Add</i>		0.80	
		<i>For >250 To 500, Add</i>		0.35	
09 91 13 00-0298	Paint Metal Roofing (09 91 13 00-0294)				
09 91 13 00-0299	SF	Paint Metal Roofing, 1 Coat Paint, Brush/Roller Work		0.64	
		<i>For Up To 100, Add</i>		0.37	
		<i>For >100 To 250, Add</i>		0.18	
		<i>For >250 To 500, Add</i>		0.08	
09 91 13 00-0300	SF	Paint Metal Roofing, 2 Coats Paint, Brush/Roller Work		1.12	
		<i>For Up To 100, Add</i>		0.65	
		<i>For >100 To 250, Add</i>		0.31	
		<i>For >250 To 500, Add</i>		0.14	
09 91 13 00-0301	Paint Fascia Board (09 91 13 00-0294)				
09 91 13 00-0302	LF	Paint Fascia Board, 1 Coat Primer, Brush/Roller Work		0.64	
		<i>For Up To 100, Add</i>		0.37	
		<i>For >100 To 250, Add</i>		0.18	
		<i>For >250 To 500, Add</i>		0.08	
09 91 13 00-0303	LF	Paint Fascia Board, 1 Coat Paint, Brush/Roller Work		0.64	
		<i>For Up To 100, Add</i>		0.37	
		<i>For >100 To 250, Add</i>		0.18	
		<i>For >250 To 500, Add</i>		0.08	
09 91 13 00-0304	LF	Paint Fascia Board, 2 Coats Paint, Brush/Roller Work		1.12	
		<i>For Up To 100, Add</i>		0.65	
		<i>For >100 To 250, Add</i>		0.31	
		<i>For >250 To 500, Add</i>		0.14	
09 91 13 00-0305	Paint Soffit (09 91 13 00-0294)				
09 91 13 00-0306	SF	Paint Soffit, 1 Coat Primer, Brush/Roller Work		0.73	
		<i>For Up To 100, Add</i>		0.38	
		<i>For >100 To 250, Add</i>		0.19	
		<i>For >250 To 500, Add</i>		0.08	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0307	SF		Paint Soffit, 1 Coat Paint, Brush/Roller Work.....	0.73	
			<i>For Up To 100, Add</i>	0.38	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
09 91 13 00-0308	SF		Paint Soffit, 2 Coats Paint, Brush/Roller Work.....	1.25	
			<i>For Up To 100, Add</i>	0.67	
			<i>For >100 To 250, Add</i>	0.33	
			<i>For >250 To 500, Add</i>	0.14	
09 91 13 00-0309			Paint Site Work <small>(09 91 13)</small>		
			Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0310			Paint Structural Steel <small>(09 91 13 00-0309)</small>		
09 91 13 00-0311			Paint Structural Steel, Brush Work <small>(09 91 13 00-0310)</small>		
09 91 13 00-0312	SF		Paint Structural Steel, 1 Field Coat Primer, Brush/Roller Work	0.88	
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 250, Add</i>	0.28	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.07	
09 91 13 00-0313	SF		Paint Structural Steel, 1 Field Coat Paint, Brush/Roller Work.....	0.78	
			<i>For Up To 100, Add</i>	0.53	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.07	
09 91 13 00-0314			Paint Structural Steel, Spray Work <small>(09 91 13 00-0310)</small>		
09 91 13 00-0315	SF		Paint Structural Steel, 1 Field Coat Primer, Spray Work.....	0.56	
			<i>For Electrostatic Painting, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.36	
			<i>For >100 To 250, Add</i>	0.17	
			<i>For >250 To 500, Add</i>	0.07	
			<i>For Epoxy Paint, Add</i>	0.06	
09 91 13 00-0316	SF		Paint Structural Steel, 1 Field Coat Paint, Spray Work.....	0.45	
			<i>For Electrostatic Painting, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.28	
			<i>For >100 To 250, Add</i>	0.13	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.05	
09 91 13 00-0317			Paint Metal Decking, Beams And Bar Joist <small>(09 91 13 00-0310)</small>		
09 91 13 00-0318	SF		Paint Exposed Metal Decking, 1 Coat Primer, Sprayed.....	0.65	
			<i>For Up To 100, Add</i>	0.43	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For Epoxy Paint, Add</i>	0.06	
09 91 13 00-0319	SF		Paint Exposed Metal Decking, 1 Coat Paint, Sprayed	0.65	
			<i>For Up To 100, Add</i>	0.43	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For Epoxy Paint, Add</i>	0.06	
09 91 13 00-0320	SF		Paint Exposed Metal Decking, 2 Coats Paint, Sprayed	1.07	
			<i>For Up To 100, Add</i>	0.68	
			<i>For >100 To 250, Add</i>	0.32	
			<i>For >250 To 500, Add</i>	0.14	
			<i>For Epoxy Paint, Add</i>	0.11	
09 91 13 00-0321	SF		Paint Metal Beams And Bar Joists, 1 Coat Primer, Brush/Roller Work.....	0.90	
			<i>For Up To 100, Add</i>	0.56	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0322	SF		Paint Metal Beams And Bar Joists, 1 Coat Paint, Brush/Roller Work.....	0.89	
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0323	SF		Paint Metal Beams And Bar Joists, 2 Coats Paint, Brush/Roller Work	1.66	
			<i>For Up To 100, Add</i>	1.05	
			<i>For >100 To 250, Add</i>	0.50	
			<i>For >250 To 500, Add</i>	0.22	
			<i>For Epoxy Paint, Add</i>	0.18	
09 91 13 00-0324	SF		Paint Metal Beams And Bar Joists, 1 Coat Primer, Sprayed	0.78	
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.24	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For Epoxy Paint, Add</i>	0.08	
09 91 13 00-0325	SF		Paint Metal Beams And Bar Joists, 1 Coat Paint, Sprayed.....	0.78	
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.24	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For Epoxy Paint, Add</i>	0.08	
09 91 13 00-0326	SF		Paint Metal Beams And Bar Joists, 2 Coats Paint, Sprayed.....	1.29	
			<i>For Up To 100, Add</i>	0.79	
			<i>For >100 To 250, Add</i>	0.38	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For Epoxy Paint, Add</i>	0.15	

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

09 91 13 00-0327	Paint Steel Pipes <small>(09 91 13 00-0309)</small>		
	Note: Includes pipe, tubes, rails, conduit, etc.		
09 91 13 00-0328	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Primer.....	1.30	
	For Electrostatic Painting, Add	0.15	
	For Epoxy Paint, Add	0.11	
09 91 13 00-0329	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Primer.....	1.46	
	For Electrostatic Painting, Add	0.17	
	For Epoxy Paint, Add	0.12	
09 91 13 00-0330	LF Paint Steel Pipes 4" Diameter, 1 Coat Primer.....	1.65	
	For Electrostatic Painting, Add	0.20	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0331	LF Paint Steel Pipes 6" To 8" Diameter, 1 Coat Primer.....	2.06	
	For Electrostatic Painting, Add	0.24	
	For Epoxy Paint, Add	0.18	
09 91 13 00-0332	LF Paint Steel Pipes 10" To 12" Diameter 1 Coat Primer.....	2.60	
	For Electrostatic Painting, Add	0.30	
	For Epoxy Paint, Add	0.22	
09 91 13 00-0333	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 1 Coat Paint.....	1.30	
	For Electrostatic Painting, Add	0.15	
	For Epoxy Paint, Add	0.11	
09 91 13 00-0334	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 1 Coat Paint.....	1.46	
	For Electrostatic Painting, Add	0.17	
	For Epoxy Paint, Add	0.12	
09 91 13 00-0335	LF Paint Steel Pipes 4" Diameter, 1 Coat Paint.....	1.65	
	For Electrostatic Painting, Add	0.20	
	For Epoxy Paint, Add	0.14	
09 91 13 00-0336	LF Paint Steel Pipes 6" To 8" Diameter, 1 Coat Paint.....	2.06	
	For Electrostatic Painting, Add	0.24	
	For Epoxy Paint, Add	0.18	
09 91 13 00-0337	LF Paint Steel Pipes 10" To 12" Diameter 1 Coat Paint.....	2.60	
	For Electrostatic Painting, Add	0.30	
	For Epoxy Paint, Add	0.22	
09 91 13 00-0338	LF Paint Conduit, Steel Pipe 1/2" To 1-1/2" Diameter, 2 Coats.....	2.60	
	For Electrostatic Painting, Add	0.32	
	For Epoxy Paint, Add	0.25	
09 91 13 00-0339	LF Paint Conduit, Steel Pipe 2" To 3-1/2" Diameter, 2 Coats.....	2.91	
	For Electrostatic Painting, Add	0.34	
	For Epoxy Paint, Add	0.25	
09 91 13 00-0340	LF Paint Steel Pipes 4" Diameter, 2 Coats.....	3.14	
	For Electrostatic Painting, Add	0.37	
	For Epoxy Paint, Add	0.27	
09 91 13 00-0341	LF Paint Steel Pipes 6" To 8" Diameter, 2 Coats.....	3.97	
	For Electrostatic Painting, Add	0.47	
	For Epoxy Paint, Add	0.34	
09 91 13 00-0342	LF Paint Steel Pipes 10" To 12" Diameter, 2 Coats.....	4.88	
	For Electrostatic Painting, Add	0.58	
	For Epoxy Paint, Add	0.42	
09 91 13 00-0343	Paint Fencing <small>(09 91 13 00-0309)</small>		
	Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0344	SF Paint Existing Chain Link Fence, 1 Coat Paint, Brush/Roller.....	0.65	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
09 91 13 00-0345	SF Paint Existing Chain Link Fence, 2 Coats Paint, Brush/Roller.....	1.20	
	For Epoxy Paint, Add	0.11	
	For Up To 100, Add	0.80	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
09 91 13 00-0346	SF Paint Existing Chain Link Fence, 1 Coat Paint, Sprayed.....	0.56	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.35	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
09 91 13 00-0347	SF Paint Existing Chain Link Fence, 2 Coats Paint, Sprayed.....	1.04	
	For Epoxy Paint, Add	0.12	
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
09 91 13 00-0348	SF Paint Wrought Iron Fence, 1 Coat Primer, Brush/Roller.....	0.58	
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
09 91 13 00-0349	SF Paint Wrought Iron Fence, 1 Coat, Brush/Roller.....	0.56	
	For Up To 100, Add	0.37	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.08	
09 91 13 00-0350	SF Paint Wrought Iron Fence, Each Additional Coat, Brush/Roller.....	0.38	
	For Up To 100, Add	0.23	
	For >100 To 250, Add	0.11	
	For >250 To 500, Add	0.05	
09 91 13 00-0351	SF Paint Picket Fence, 1 Coat Primer, Brush/Roller.....	0.80	
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.11	

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0352	SF	Paint Picket Fence, 1 Coat, Brush/Roller.....	0.80	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.11	
09 91 13 00-0353	SF	Paint Picket Fence, Each Additional Coat, Brush/Roller.....	0.56	
		<i>For Up To 100, Add</i>	0.38	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
09 91 13 00-0354	SF	Paint Wood Fences 1 Coat, Brush/Roller.....	0.58	
		<i>For Up To 100, Add</i>	0.37	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
09 91 13 00-0355	SF	Paint Wood Fences 2 Coats, Brush/Roller.....	1.01	
		<i>For Up To 100, Add</i>	0.63	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
09 91 13 00-0356	SF	Paint Wood Fences 1 Coat, Sprayed.....	0.45	
		<i>For Up To 100, Add</i>	0.27	
		<i>For >100 To 250, Add</i>	0.13	
		<i>For >250 To 500, Add</i>	0.06	
09 91 13 00-0357	SF	Paint Wood Fences 2 Coats, Sprayed.....	0.84	
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.11	
09 91 13 00-0358		Paint Metal Louvers <small>(09 91 13 00-0309)</small>		
09 91 13 00-0359	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Primer, Brush/Roller Work.....	1.28	
		<i>For Electrostatic Painting, Add</i>	0.14	
09 91 13 00-0360	SF	Paint Ventilation Louver, SF Of Opening Area, 1 Coat Alkyd, Brush/Roller Work.....	1.29	
		<i>For Electrostatic Painting, Add</i>	0.14	
09 91 13 00-0361	SF	Paint Ventilation Louver, SF Of Opening Area, 2 Coats Alkyd, Brush/Roller Work.....	2.62	
		<i>For Electrostatic Painting, Add</i>	0.29	
09 91 13 00-0362		Paint Ladders <small>(09 91 13 00-0309)</small>		
09 91 13 00-0363	LF	Paint Ladders, 1 Coat Alkyd Primer, Brush/Roller Work.....	3.65	
		<i>For Epoxy Paint, Add</i>	0.20	
09 91 13 00-0364	LF	Paint Ladders, 1 Coat Alkyd Enamel, Brush/Roller Work.....	4.07	
		<i>For Epoxy Paint, Add</i>	0.22	
09 91 13 00-0365	LF	Paint Ladders, 2 Coats Alkyd Enamel, Brush/Roller Work.....	8.08	
		<i>For Epoxy Paint, Add</i>	0.43	
09 91 13 00-0366		Paint Handrails <small>(09 91 13 00-0309)</small>		
09 91 13 00-0367	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.41	
		<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0368	LF	Paint Hand Rail And Bracket, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.57	
		<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0369	LF	Paint Hand Rail And Bracket, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.62	
		<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0370	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Primer, Brush/Roller Work.....	2.14	
		<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0371	LF	Paint Pipe Rail And Pickets, 1 Rail, 1 Coat Alkyd Enamel, Brush/Roller Work.....	2.39	
		<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0372	LF	Paint Pipe Rail And Pickets, 1 Rail, 2 Coats Alkyd Enamel, Brush/Roller Work.....	4.21	
		<i>For Epoxy Paint, Add</i>	0.26	
09 91 13 00-0373	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Primer, Brush/Roller Work.....	2.34	
		<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0374	LF	Paint Pipe Rail And Pickets, 2 Rails, 1 Coat Alkyd Enamel, Brush/Roller Work.....	2.61	
		<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0375	LF	Paint Pipe Rail And Pickets, 2 Rails, 2 Coats Alkyd Enamel, Brush/Roller Work.....	4.52	
		<i>For Epoxy Paint, Add</i>	0.27	
09 91 13 00-0376	LF	Paint Balustrades, 1 Coat Alkyd Primer, Brush/Roller Work.....	1.46	
		<i>For Epoxy Paint, Add</i>	0.12	
09 91 13 00-0377	LF	Paint Balustrades, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.62	
		<i>For Epoxy Paint, Add</i>	0.13	
09 91 13 00-0378	LF	Paint Balustrades, 2 Coats Alkyd Enamel, Brush/Roller Work.....	2.93	
		<i>For Epoxy Paint, Add</i>	0.25	
09 91 13 00-0379		Paint Grating <small>(09 91 13 00-0309)</small>		
09 91 13 00-0380	SF	Paint Gratings And Frames, 1 Coat Primer, Brush/Roller Work.....	2.64	
		<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0381	SF	Paint Gratings And Frames, 1 Coat Paint, Brush/Roller Work.....	2.66	
		<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0382	SF	Paint Gratings And Frames, 2 Coats Paint, Brush/Roller Work.....	3.95	
		<i>For Epoxy Paint, Add</i>	0.26	
09 91 13 00-0383		Equipment And Tanks <small>(09 91 13 00-0309)</small>		
09 91 13 00-0384		Valves, Primer And Finish Coats <small>(09 91 13 00-0383)</small>		
09 91 13 00-0385	EA	Prime And Paint 4" And Smaller Valve.....	25.36	
09 91 13 00-0386	EA	Prime And Paint 6" To 10" Valve.....	30.81	
09 91 13 00-0387	EA	Prime And Paint 12" To 18" Valve.....	40.77	
09 91 13 00-0388	EA	Prime And Paint 20" To 24" Valve.....	55.22	
09 91 13 00-0389	EA	Prime And Paint >24" To 36" Valve.....	75.13	

MINOR	CSI	UOM	DESCRIPTION	
09 91 13 00-0390	EA		Prime And Paint >36" To 48" Valve	101.43
09 91 13 00-0391 Pumps And Motors. Primer And Finish Coats (09 91 13 00-0383)				
09 91 13 00-0392	EA		Prime And Paint Pump Under 1 HP	77.02
09 91 13 00-0393	EA		Prime And Paint Pump, 1 HP To 5 HP	99.79
09 91 13 00-0394	EA		Prime And Paint Pump, >5 HP To 10 HP	118.06
09 91 13 00-0395	EA		Prime And Paint Pump, >10 HP To 20 HP	130.87
09 91 13 00-0396	EA		Prime And Paint Pump, >20 HP To 30 HP	152.67
09 91 13 00-0397	EA		Prime And Paint Pump, >30 HP To 50 HP	174.50
09 91 13 00-0398	EA		Prime And Paint Pump, >50 HP To 75 HP	191.81
09 91 13 00-0399	EA		Prime And Paint Pump, >75 HP	218.12
09 91 13 00-0400 Storage Tanks (09 91 13 00-0383)				
09 91 13 00-0401	SF		Paint Storage Tank, Exterior Surface, 1 Coat Primer, Roller	0.92
09 91 13 00-0402	SF		Paint Storage Tank, Exterior Surface, 1 Coat Paint, Roller	1.17
09 91 13 00-0403	SF		Paint Storage Tank, Exterior Surface, 2 Coats Paint, Roller	2.20
09 91 13 00-0404	SF		Paint Storage Tank, Interior Surface, 1 Coat Primer, Roller	1.29
09 91 13 00-0405	SF		Paint Storage Tank, Interior Surface, 1 Coat Paint, Roller	1.60
09 91 13 00-0406	SF		Paint Storage Tank, Interior Surface, 2 Coats Paint, Roller	3.03
09 91 13 00-0407	SF		Paint Storage Tank, Exterior Surface, 1 Coat Primer, Spray	0.84
09 91 13 00-0408	SF		Paint Storage Tank, Exterior Surface, 1 Coat Paint, Spray	0.96
09 91 13 00-0409	SF		Paint Storage Tank, Exterior Surface, 2 Coats Paint, Spray	1.83
09 91 13 00-0410	SF		Paint Storage Tank, Interior Surface, 1 Coat Primer, Spray	0.98
09 91 13 00-0411	SF		Paint Storage Tank, Interior Surface, 1 Coat Paint, Spray	1.24
09 91 13 00-0412	SF		Paint Storage Tank, Interior Surface, 2 Coats Paint, Spray	2.38
09 91 13 00-0413 Other Site Work Painting (09 91 13 00-0309)				
09 91 13 00-0414 Paint Shutters Or Blinds, Solid Panel (09 91 13 00-0413)				
09 91 13 00-0415	SF		Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Brush Work	2.87
09 91 13 00-0416	SF		Paint Shutter Or Blinds, Solid Panel, 1 Coat, Brush Work	2.88
09 91 13 00-0417	SF		Paint Shutter Or Blinds, Solid Panel, 2 Coats, Brush Work	5.10
09 91 13 00-0418	SF		Paint Shutter Or Blinds, Solid Panel, 1 Coat Primer, Sprayed	1.53
09 91 13 00-0419	SF		Paint Shutter Or Blinds, Solid Panel, 1 Coat, Sprayed	1.54
09 91 13 00-0420	SF		Paint Shutter Or Blinds, Solid Panel, 2 Coats, Sprayed	2.83
09 91 13 00-0421 Paint Shutters Or Blinds, Louvered Panel (09 91 13 00-0413)				
09 91 13 00-0422	SF		Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Brush Work	3.57
09 91 13 00-0423	SF		Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Brush Work	3.58
09 91 13 00-0424	SF		Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Brush Work	6.33
09 91 13 00-0425	SF		Paint Shutter Or Blinds, Louvered Panel, 1 Coat Primer, Sprayed	1.87
09 91 13 00-0426	SF		Paint Shutter Or Blinds, Louvered Panel, 1 Coat, Sprayed	1.88
09 91 13 00-0427	SF		Paint Shutter Or Blinds, Louvered Panel, 2 Coats, Sprayed	3.46
09 91 13 00-0428 Paint Flagpoles (09 91 13 00-0413)				
09 91 13 00-0429	EA		Paint Steel Flagpole, 20' High, 1 Coat Paint	155.14
09 91 13 00-0430	EA		Paint Steel Flagpole, 30' High, 1 Coat Paint	208.34
09 91 13 00-0431	EA		Paint Steel Flagpole, 40' High, 1 Coat Paint	261.55
09 91 13 00-0432	EA		Paint Steel Flagpole, 50' High, 1 Coat Paint	314.78
09 91 13 00-0433	EA		Paint Steel Flagpole, 70' High, 1 Coat Paint	415.56
09 91 13 00-0434	EA		Paint Steel Flagpole, 80' High, 1 Coat Paint	468.07
09 91 13 00-0435	EA		Paint Steel Flagpole, 90' High, 1 Coat Paint	520.60
09 91 13 00-0436 Paint Lattice Or Trellis (09 91 13 00-0413)				
09 91 13 00-0437	SF		Paint Wood Lattice Or Trellis 1 Coat, Spray Per Side	1.21
09 91 13 00-0438	SF		Paint Wood Lattice Or Trellis 2 Coats, Spray Per Side	2.21
			<i>For Up To 100, Add</i>	<i>1.53</i>
			<i>For >100 To 250, Add</i>	<i>0.72</i>
			<i>For >250 To 500, Add</i>	<i>0.31</i>
09 91 13 00-0439 Paint Exterior Stairs (09 91 13)				
09 91 13 00-0440 Paint Exterior Concrete Stairs (09 91 13 00-0439)				
09 91 13 00-0441	RSR		Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	15.90
09 91 13 00-0442	RSR		Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	15.90
09 91 13 00-0443	RSR		Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	18.89
09 91 13 00-0444	RSR		Paint Exterior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	27.58
09 91 13 00-0445	RSR		Paint Exterior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	31.80
09 91 13 00-0446 Paint Exterior Metal Stairs (09 91 13 00-0439)				
09 91 13 00-0447	RSR		Paint Exterior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.13
			<i>For Oil Based Paint, Add</i>	<i>0.43</i>
09 91 13 00-0448	RSR		Paint Exterior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.13
			<i>For Oil Based Paint, Add</i>	<i>0.43</i>
09 91 13 00-0449	RSR		Paint Exterior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.27
			<i>For Oil Based Paint, Add</i>	<i>0.85</i>

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0450		Paint Exterior Wood Stairs (09 91 13 00-0439)	
09 91 13 00-0451	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	8.13
09 91 13 00-0452	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	8.13
09 91 13 00-0453	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	11.12
09 91 13 00-0454	RSR	Paint Exterior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	19.81
09 91 13 00-0455	RSR	Paint Exterior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	16.26
09 91 13 00-0456		Paint Exterior Stair Nosing (09 91 13 00-0439)	
09 91 13 00-0457	LF	Paint Exterior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.32
09 91 13 00-0458		Paint Exterior Trim (09 91 13)	
09 91 13 00-0459		Paint Exterior Metal Trim And Gutters (09 91 13 00-0458)	
09 91 13 00-0460	SF	Paint Exterior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.10
09 91 13 00-0461	SF	Paint Exterior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.10
09 91 13 00-0462	SF	Paint Exterior Exposed Metal Trim, 2 Coats Paint, Brush Work	1.99
09 91 13 00-0463	SF	Paint Exterior Metal Trim, 1 Coat Primer, Brush/Roller Work	0.88
09 91 13 00-0464	SF	Paint Exterior Metal Trim, 1 Coat Paint, Brush/Roller Work	0.99
09 91 13 00-0465	SF	Paint Exterior Metal Trim, 2 Coats Paint, Brush/Roller Work	1.76
09 91 13 00-0466	LF	Paint Exterior Gutter And Downspout, 1 Coat Paint, Brush Work	1.61
09 91 13 00-0467	LF	Paint Exterior Gutter And Downspout, 2 Coats Paint, Brush Work	2.18
09 91 13 00-0468		Paint Exterior Wood Trim (09 91 13 00-0458)	
09 91 13 00-0469	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush Work	1.29
		<i>For Oil Based Paint, Add</i>	0.07
09 91 13 00-0470	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush Work	1.40
		<i>For Oil Based Paint, Add</i>	0.08
09 91 13 00-0471	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush Work	2.53
		<i>For Oil Based Paint, Add</i>	0.15
09 91 13 00-0472	SF	Paint Exterior Wood Trim, 1 Coat Primer, Brush/Roller Work	1.01
		<i>For Oil Based Paint, Add</i>	0.06
09 91 13 00-0473	SF	Paint Exterior Wood Trim, 1 Coat Paint, Brush/Roller Work	1.12
		<i>For Oil Based Paint, Add</i>	0.07
09 91 13 00-0474	SF	Paint Exterior Wood Trim, 2 Coats Paint, Brush/Roller Work	2.09
		<i>For Oil Based Paint, Add</i>	0.13
09 91 13 00-0475		Paint Exterior Miscellaneous Metal Surfaces (09 91 13)	
09 91 13 00-0476	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Primer, Brush/Roller Work	1.17
		<i>For Epoxy Paint, Add</i>	0.10
		<i>For Electrostatic Painting, Add</i>	0.14
09 91 13 00-0477	SF	Paint Exterior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	1.12
		<i>For Epoxy Paint, Add</i>	0.09
		<i>For Electrostatic Painting, Add</i>	0.13
09 91 13 00-0478	SF	Paint Exterior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	2.26
		<i>For Epoxy Paint, Add</i>	0.18
		<i>For Electrostatic Painting, Add</i>	0.26
09 91 23		Interior Painting (09 91)	
Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels.			
09 91 23 00-0001		Paint Interior Walls (09 91 23)	
09 91 23 00-0002		Paint Interior Brick Walls (09 91 23 00-0001)	
09 91 23 00-0003	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush Work	0.85
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.56
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.11
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.13
		<i>For >20,000, Deduct</i>	-0.17
09 91 23 00-0004	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush Work	0.98
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.65
		<i>For >100 To 250, Add</i>	0.31
		<i>For >250 To 500, Add</i>	0.13
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.15
		<i>For >20,000, Deduct</i>	-0.20
09 91 23 00-0005	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush Work	1.74
		<i>For Oil Based Paint, Add</i>	0.10
		<i>For Up To 100, Add</i>	1.13
		<i>For >100 To 250, Add</i>	0.53
		<i>For >250 To 500, Add</i>	0.23
		<i>For >2,500 To 5,000, Deduct</i>	-0.09
		<i>For >5,000 To 10,000, Deduct</i>	-0.17
		<i>For >10,000 To 20,000, Deduct</i>	-0.26
		<i>For >20,000, Deduct</i>	-0.35

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

09 91 23 00-0006	SF	Paint Interior Brick Walls, 1 Coat Filler, Brush/Roller Work.....	0.69		
		For Oil Based Paint, Add	0.04		
		For Up To 100, Add	0.44		
		For >100 To 250, Add	0.21		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.14		
09 91 23 00-0007	SF	Paint Interior Brick Walls, 1 Coat Paint, Brush/Roller Work	0.84		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.52		
		For >100 To 250, Add	0.25		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.13		
		For >20,000, Deduct	-0.17		
09 91 23 00-0008	SF	Paint Interior Brick Walls, 2 Coats Paint, Brush/Roller Work	1.45		
		For Oil Based Paint, Add	0.09		
		For Up To 100, Add	0.88		
		For >100 To 250, Add	0.42		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.15		
		For >10,000 To 20,000, Deduct	-0.22		
		For >20,000, Deduct	-0.29		
09 91 23 00-0009	SF	Paint Interior Brick Walls, 1 Coat Filler, Sprayed	0.52		
		For Oil Based Paint, Add	0.03		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.10		
09 91 23 00-0010	SF	Paint Interior Brick Walls, 1 Coat Paint, Sprayed.....	0.57		
		For Oil Based Paint, Add	0.04		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.15		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.09		
		For >20,000, Deduct	-0.11		
09 91 23 00-0011	SF	Paint Interior Brick Walls, 2 Coats Paint, Sprayed	0.99		
		For Oil Based Paint, Add	0.07		
		For Up To 100, Add	0.53		
		For >100 To 250, Add	0.26		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.10		
		For >10,000 To 20,000, Deduct	-0.15		
		For >20,000, Deduct	-0.20		
09 91 23 00-0012	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush Work.....	0.87		
		For Up To 100, Add	0.56		
		For >100 To 250, Add	0.27		
		For >250 To 500, Add	0.12		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.13		
		For >20,000, Deduct	-0.17		
09 91 23 00-0013	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Brush/Roller Work.....	0.71		
		For Up To 100, Add	0.44		
		For >100 To 250, Add	0.21		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.14		
09 91 23 00-0014	SF	Paint Interior Brick Walls, 1 Coat Bonding Agent, Spray	0.55		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.15		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.11		
09 91 23 00-0015		Paint Interior Concrete Walls (09 91 23 00-0001)	0.73		
09 91 23 00-0016	SF	Paint Interior Concrete Walls, 1 Coat Filler, Brush Work	0.73		
		For Oil Based Paint, Add	0.04		
		For Epoxy Paint, Add	0.07		
		For Up To 100, Add	0.48		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.15		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0017	SF Paint Interior Concrete Walls, 1 Coat Paint, Brush Work.....	0.80	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.07	
	For Up To 100, Add	0.55	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0018	SF Paint Interior Concrete Walls, 2 Coats Paint, Brush Work.....	1.45	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.11	
	For Up To 100, Add	1.02	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.22	
	For >20,000, Deduct	-0.29	
09 91 23 00-0019	SF Paint Interior Concrete Walls, 1 Coat Filler, Brush/Roller Work.....	0.59	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 23 00-0020	SF Paint Interior Concrete Walls, 1 Coat Paint, Brush/Roller Work.....	0.67	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0021	SF Paint Interior Concrete Walls, 2 Coats Paint, Brush/Roller Work.....	1.20	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.11	
	For Up To 100, Add	0.80	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.24	
09 91 23 00-0022	SF Paint Interior Concrete Walls, 1 Coat Filler, Sprayed.....	0.42	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.24	
	For >100 To 250, Add	0.11	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.06	
	For >20,000, Deduct	-0.08	
09 91 23 00-0023	SF Paint Interior Concrete Walls, 1 Coat Paint, Sprayed.....	0.48	
	For Oil Based Paint, Add	0.03	
	For Epoxy Paint, Add	0.06	
	For Up To 100, Add	0.29	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.10	
09 91 23 00-0024	SF Paint Interior Concrete Walls, 2 Coats Paint, Sprayed.....	0.77	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.10	
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.15	
09 91 23 00-0025	SF Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush Work.....	0.75	
	For Up To 100, Add	0.48	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

09 91 23 00-0026	SF Paint Interior Concrete Walls, 1 Coat Bonding Agent, Brush/Roller Work	0.61	
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.18	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 23 00-0027	SF Paint Interior Concrete Walls, 1 Coat Bonding Agent, Sprayed.....	0.44	
	For Up To 100, Add	0.24	
	For >100 To 250, Add	0.12	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	

09 91 23 00-0028 Paint Interior Concrete Block Walls (09 91 23 00-0001)
09 91 23 00-0029 Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0028)

09 91 23 00-0030	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush Work.....	0.99	
	For Up To 100, Add	0.63	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 23 00-0031	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush.....	1.15	
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	
09 91 23 00-0032	SF Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush Work	2.05	
	For Up To 100, Add	1.30	
	For >100 To 250, Add	0.62	
	For >250 To 500, Add	0.27	
	For >2,500 To 5,000, Deduct	-0.10	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.31	
	For >20,000, Deduct	-0.41	
09 91 23 00-0033	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Brush/Roller Work	0.80	
	For Up To 100, Add	0.49	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0034	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Brush/Roller Work.....	0.90	
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.18	
09 91 23 00-0035	SF Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Brush/Roller Work	1.69	
	For Up To 100, Add	1.03	
	For >100 To 250, Add	0.49	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.17	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.34	
09 91 23 00-0036	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Filler, Sprayed.....	0.57	
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.14	
	For >250 To 500, Add	0.06	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.11	
09 91 23 00-0037	SF Paint Interior Concrete Block Walls, 1 Coat Epoxy Paint, Sprayed.....	0.70	
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.08	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0038	SF	Paint Interior Concrete Block Walls, 2 Coats Epoxy Paint, Sprayed.....	1.26	
		<i>For Up To 100, Add</i>	0.65	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.19	
		<i>For >20,000, Deduct</i>	-0.25	
09 91 23 00-0039		Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0028)		
09 91 23 00-0040	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush Work.....	0.93	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.62	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0041	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush Work.....	1.09	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.72	
		<i>For >100 To 250, Add</i>	0.34	
		<i>For >250 To 500, Add</i>	0.15	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.22	
09 91 23 00-0042	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush Work.....	1.98	
		<i>For Oil Based Paint, Add</i>	0.12	
		<i>For Up To 100, Add</i>	1.28	
		<i>For >100 To 250, Add</i>	0.61	
		<i>For >250 To 500, Add</i>	0.26	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.20	
		<i>For >10,000 To 20,000, Deduct</i>	-0.30	
		<i>For >20,000, Deduct</i>	-0.40	
09 91 23 00-0043	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush Work.....	1.21	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Up To 100, Add</i>	0.79	
		<i>For >100 To 250, Add</i>	0.38	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.18	
		<i>For >20,000, Deduct</i>	-0.24	
09 91 23 00-0044	SF	Paint Interior Concrete Block Walls, 1 Coat Filler, Brush/Roller Work.....	0.78	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.51	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0045	SF	Paint Interior Concrete Block Walls, 1 Coat Paint, Brush/Roller Work.....	0.92	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0046	SF	Paint Interior Concrete Block Walls, 2 Coats Paint, Brush/Roller Work.....	1.64	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Up To 100, Add</i>	1.03	
		<i>For >100 To 250, Add</i>	0.49	
		<i>For >250 To 500, Add</i>	0.21	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.25	
		<i>For >20,000, Deduct</i>	-0.33	
09 91 23 00-0047	SF	Paint Interior Concrete Block Walls, Texture Coat, Brush/Roller Work.....	1.03	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.66	
		<i>For >100 To 250, Add</i>	0.31	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.21	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
09 91 23 00-0048	SF			Paint Interior Concrete Block Walls, 1 Coat Filler, Sprayed.....	0.58	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.33	
				For >100 To 250, Add	0.16	
				For >250 To 500, Add	0.07	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91 23 00-0049	SF			Paint Interior Concrete Block Walls, 1 Coat Paint, Sprayed	0.67	
				For Oil Based Paint, Add	0.04	
				For Up To 100, Add	0.38	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.10	
				For >20,000, Deduct	-0.13	
09 91 23 00-0050	SF			Paint Interior Concrete Block Walls, 2 Coats Paint, Sprayed.....	0.96	
				For Oil Based Paint, Add	0.06	
				For Up To 100, Add	0.56	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.19	
09 91 23 00-0051	SF			Paint Interior Concrete Block Walls, Texture Coat, Sprayed	0.79	
				For Oil Based Paint, Add	0.05	
				For Up To 100, Add	0.44	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	
09 91 23 00-0052				Paint Interior Concrete Block Walls With Bonding Agent (09 91 23 00-0028)	0.95	
09 91 23 00-0053	SF			Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush.....	0.85	
				For Up To 100, Add	0.62	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.19	
09 91 23 00-0054	SF			Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Brush/Roller Work.....	0.80	
				For Up To 100, Add	0.51	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	
09 91 23 00-0055	SF			Paint Interior Concrete Block Walls, 1 Coat Bonding Agent, Sprayed.....	0.61	
				For Up To 100, Add	0.34	
				For >100 To 250, Add	0.16	
				For >250 To 500, Add	0.07	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91 23 00-0056				Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)	0.76	
09 91 23 00-0057				Paint Interior Plaster/Drywall Walls (09 91 23 00-0056)	0.76	
09 91 23 00-0058	SF			Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush Work.....	0.86	
				For Oil Based Paint, Add	0.04	
				For Orange Peel Finish, Add	0.11	
				For Up To 100, Add	0.50	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	
09 91 23 00-0059	SF			Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush Work.....	0.81	
				For Oil Based Paint, Add	0.05	
				For Orange Peel Finish, Add	0.12	
				For Each Coat With Egg Shell Finish, Add	0.01	
				For Up To 100, Add	0.55	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0060	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush Work.....	1.47	
		For Oil Based Paint, Add	0.08	
		For Orange Peel Finish, Add	0.21	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	1.00	
		For >100 To 250, Add	0.47	
		For >250 To 500, Add	0.20	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.29	
09 91 23 00-0061	SF	Paint Interior Plaster/Drywall Walls, 3 Coats Paint, Brush	2.09	
		For Oil Based Paint, Add	0.12	
		For Orange Peel Finish, Add	0.30	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	1.41	
		For >100 To 250, Add	0.67	
		For >250 To 500, Add	0.29	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.21	
		For >10,000 To 20,000, Deduct	-0.31	
		For >20,000, Deduct	-0.42	
09 91 23 00-0062	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Brush/Roller Work.....	0.60	
		For Oil Based Paint, Add	0.04	
		For Orange Peel Finish, Add	0.08	
		For Up To 100, Add	0.38	
		For >100 To 250, Add	0.18	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 23 00-0063	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Brush/Roller Work	0.69	
		For Oil Based Paint, Add	0.04	
		For Orange Peel Finish, Add	0.10	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	0.46	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.14	
09 91 23 00-0064	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Brush/Roller Work.....	1.20	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.17	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	0.79	
		For >100 To 250, Add	0.37	
		For >250 To 500, Add	0.16	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.24	
09 91 23 00-0065	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Primer, Sprayed.....	0.41	
		For Oil Based Paint, Add	0.03	
		For Up To 100, Add	0.23	
		For >100 To 250, Add	0.11	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.04	
		For >10,000 To 20,000, Deduct	-0.06	
		For >20,000, Deduct	-0.08	
09 91 23 00-0066	SF	Paint Interior Plaster/Drywall Walls, 1 Coat Paint, Sprayed.....	0.48	
		For Oil Based Paint, Add	0.03	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	0.29	
		For >100 To 250, Add	0.14	
		For >250 To 500, Add	0.06	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.07	
		For >20,000, Deduct	-0.10	
09 91 23 00-0067	SF	Paint Interior Plaster/Drywall Walls, 2 Coats Paint, Sprayed	0.77	
		For Oil Based Paint, Add	0.05	
		For Each Coat With Egg Shell Finish, Add	0.01	
		For Up To 100, Add	0.45	
		For >100 To 250, Add	0.22	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.15	

 09 91 23 00-0068 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color
 Paint (09 91 23 00-0066)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

09 91 23 00-0069	SF			Paint Interior Plaster/Drywall Or Masonry Walls, 2 Tone Polymix With Base Coat, Sprayed	1.44	
				For Up To 100, Add	0.70	
				For >100 To 250, Add	0.34	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
09 91 23 00-0070	SF			Paint Interior Plaster/Drywall Or Masonry Walls, 3 Tone Polymix With Base Coat, Sprayed	1.55	
				For Up To 100, Add	0.71	
				For >100 To 250, Add	0.36	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.16	
				For >10,000 To 20,000, Deduct	-0.23	
				For >20,000, Deduct	-0.31	
09 91 23 00-0071	SF			Paint Interior Plaster/Drywall Or Masonry Walls, 4 Tone Polymix With Base Coat, Sprayed	1.66	
				For Up To 100, Add	0.73	
				For >100 To 250, Add	0.37	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.17	
				For >10,000 To 20,000, Deduct	-0.25	
				For >20,000, Deduct	-0.33	
09 91 23 00-0072				Paint Interior Plaster/Drywall Walls, Acoustic Texture (09 91 23 00-0056)	0.62	
09 91 23 00-0073	SF			Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Primer, Sprayed	0.62	
				For Up To 100, Add	0.36	
				For >100 To 250, Add	0.17	
				For >250 To 500, Add	0.08	
				For >2,500 To 5,000, Deduct	-0.03	
				For >5,000 To 10,000, Deduct	-0.06	
				For >10,000 To 20,000, Deduct	-0.09	
				For >20,000, Deduct	-0.12	
09 91 23 00-0074	SF			Paint Interior Plaster/Drywall Walls, Acoustic Texture, 1 Coat Finish, Sprayed	0.74	
				For Up To 100, Add	0.45	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.09	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.07	
				For >10,000 To 20,000, Deduct	-0.11	
				For >20,000, Deduct	-0.15	
09 91 23 00-0075	SF			Paint Interior Plaster/Drywall Walls, Acoustic Texture, 2 Coats Finish, Sprayed	1.14	
				For Up To 100, Add	0.65	
				For >100 To 250, Add	0.31	
				For >250 To 500, Add	0.14	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.17	
				For >20,000, Deduct	-0.23	
09 91 23 00-0076	SF			Paint Interior Plaster/Drywall Walls, Stipple Finish (Drippowder)	1.44	
				For Up To 100, Add	1.04	
				For >100 To 250, Add	0.49	
				For >250 To 500, Add	0.21	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
09 91 23 00-0077				Paint Interior Metal Walls (09 91 23 00-0001)		
09 91 23 00-0078				Paint Interior Galvanized Walls (09 91 23 00-0077) Note: Linseed oil or acrylic latex paint.	0.87	
09 91 23 00-0079	SF			Paint Interior Galvanized Wall Surfaces, 1 Coat Primer, Brush Work	0.87	
				For Electrostatic Painting, Add	0.11	
				For Up To 100, Add	0.56	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.13	
				For >20,000, Deduct	-0.17	
09 91 23 00-0080	SF			Paint Interior Galvanized Wall Surfaces, 1 Coat Paint, Brush Work	0.97	
				For Electrostatic Painting, Add	0.12	
				For Up To 100, Add	0.64	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.19	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0081	SF	Paint Interior Galvanized Wall Surfaces, 2 Coats Paint, Brush Work.....	1.74	
		For Electrostatic Painting, Add	0.22	
		For Up To 100, Add	1.13	
		For >100 To 250, Add	0.53	
		For >250 To 500, Add	0.23	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000 To 20,000, Deduct	-0.26	
		For >20,000, Deduct	-0.35	
09 91 23 00-0082	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Brush/Roller Work.....	0.64	
		For Electrostatic Painting, Add	0.08	
		For Up To 100, Add	0.41	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.10	
		For >20,000, Deduct	-0.13	
09 91 23 00-0083	SF	Paint Interior Galvanized Wall , 1 Coat Paint, Brush/Roller Work.....	0.75	
		For Electrostatic Painting, Add	0.09	
		For Up To 100, Add	0.48	
		For >100 To 250, Add	0.23	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.15	
09 91 23 00-0084	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Brush/Roller Work.....	1.39	
		For Electrostatic Painting, Add	0.18	
		For Up To 100, Add	0.89	
		For >100 To 250, Add	0.42	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.28	
09 91 23 00-0085	SF	Paint Interior Galvanized Walls, 1 Coat Primer, Sprayed.....	0.43	
		For Electrostatic Painting, Add	0.07	
		For Up To 100, Add	0.22	
		For >100 To 250, Add	0.11	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.04	
		For >10,000 To 20,000, Deduct	-0.06	
		For >20,000, Deduct	-0.09	
09 91 23 00-0086	SF	Paint Interior Galvanized Walls, 1 Coat Paint, Sprayed.....	0.58	
		For Electrostatic Painting, Add	0.08	
		For Up To 100, Add	0.33	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 23 00-0087	SF	Paint Interior Galvanized Walls, 2 Coats Paint, Sprayed.....	0.96	
		For Electrostatic Painting, Add	0.15	
		For Up To 100, Add	0.52	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.19	
09 91 23 00-0088		Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0077)		
		Note: Alkyd enamel paint.		
09 91 23 00-0089	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Primer, Brush Work.....	0.87	
		For Electrostatic Painting, Add	0.11	
		For Up To 100, Add	0.56	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.17	
09 91 23 00-0090	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 1 Coat Paint, Brush Work.....	0.97	
		For Electrostatic Painting, Add	0.12	
		For Up To 100, Add	0.64	
		For >100 To 250, Add	0.30	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.19	

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

09 91 23 00-0091	SF	Paint Interior Aluminum And Aluminum Alloy Wall Surfaces, 2 Coats Paint, Brush Work	1.74		
		For Electrostatic Painting, Add	0.22		
		For Up To 100, Add	1.13		
		For >100 To 250, Add	0.53		
		For >250 To 500, Add	0.23		
		For >2,500 To 5,000, Deduct	-0.09		
		For >5,000 To 10,000, Deduct	-0.17		
		For >10,000 To 20,000, Deduct	-0.26		
		For >20,000, Deduct	-0.35		
09 91 23 00-0092	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Brush/Roller Work	0.69		
		For Electrostatic Painting, Add	0.09		
		For Up To 100, Add	0.42		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.14		
09 91 23 00-0093	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Brush/Roller Work	0.79		
		For Electrostatic Painting, Add	0.10		
		For Up To 100, Add	0.49		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.16		
09 91 23 00-0094	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Brush/Roller Work	1.47		
		For Electrostatic Painting, Add	0.20		
		For Up To 100, Add	0.90		
		For >100 To 250, Add	0.43		
		For >250 To 500, Add	0.19		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.15		
		For >10,000 To 20,000, Deduct	-0.22		
		For >20,000, Deduct	-0.29		
09 91 23 00-0095	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Primer, Sprayed.....	0.48		
		For Electrostatic Painting, Add	0.07		
		For Up To 100, Add	0.26		
		For >100 To 250, Add	0.13		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.02		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.07		
		For >20,000, Deduct	-0.10		
09 91 23 00-0096	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 1 Coat Paint, Sprayed.....	0.58		
		For Electrostatic Painting, Add	0.08		
		For Up To 100, Add	0.33		
		For >100 To 250, Add	0.16		
		For >250 To 500, Add	0.07		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.09		
		For >20,000, Deduct	-0.12		
09 91 23 00-0097	SF	Paint Interior Aluminum And Aluminum Alloy Walls, 2 Coats Paint, Sprayed.....	0.96		
		For Electrostatic Painting, Add	0.15		
		For Up To 100, Add	0.52		
		For >100 To 250, Add	0.25		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.10		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.19		
09 91 23 00-0098		Paint Interior Corrugated Metal Walls <small>(09 91 23 00-0077)</small>			
09 91 23 00-0099	SF	Paint Interior Corrugated Metal Walls, 1 Coat Primer, Sprayed.....	0.54		
		For Electrostatic Painting, Add	0.08		
		For Up To 100, Add	0.29		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.11		
09 91 23 00-0100	SF	Paint Interior Corrugated Metal Walls, 1 Coat Paint, Sprayed	0.75		
		For Electrostatic Painting, Add	0.11		
		For Up To 100, Add	0.44		
		For >100 To 250, Add	0.21		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.15		

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0101	SF	Paint Interior Corrugated Metal Walls, 2 Coats Paint, Sprayed	1.21
		<i>For Electrostatic Painting, Add</i>	0.18
		<i>For Up To 100, Add</i>	0.67
		<i>For >100 To 250, Add</i>	0.33
		<i>For >250 To 500, Add</i>	0.14
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.18
		<i>For >20,000, Deduct</i>	-0.24
09 91 23 00-0102		Paint Interior Stucco Walls <small>(09 91 23 00-0001)</small>	
09 91 23 00-0103	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Primer, Brush Work.....	1.26
		<i>For Oil Based Paint, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.87
		<i>For >100 To 250, Add</i>	0.41
		<i>For >250 To 500, Add</i>	0.18
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 20,000, Deduct</i>	-0.19
		<i>For >20,000, Deduct</i>	-0.25
09 91 23 00-0104	SF	Paint Interior Stucco Wall Surfaces, 1 Coat Paint, Brush Work	1.38
		<i>For Oil Based Paint, Add</i>	0.08
		<i>For Up To 100, Add</i>	0.95
		<i>For >100 To 250, Add</i>	0.45
		<i>For >250 To 500, Add</i>	0.19
		<i>For >2,500 To 5,000, Deduct</i>	-0.07
		<i>For >5,000 To 10,000, Deduct</i>	-0.14
		<i>For >10,000 To 20,000, Deduct</i>	-0.21
		<i>For >20,000, Deduct</i>	-0.28
09 91 23 00-0105	SF	Paint Interior Stucco Wall Surfaces, 2 Coats Paint, Brush Work	2.43
		<i>For Oil Based Paint, Add</i>	0.14
		<i>For Up To 100, Add</i>	1.64
		<i>For >100 To 250, Add</i>	0.78
		<i>For >250 To 500, Add</i>	0.33
		<i>For >2,500 To 5,000, Deduct</i>	-0.12
		<i>For >5,000 To 10,000, Deduct</i>	-0.24
		<i>For >10,000 To 20,000, Deduct</i>	-0.36
		<i>For >20,000, Deduct</i>	-0.49
09 91 23 00-0106	SF	Paint Interior Stucco Walls, 1 Coat Primer, Brush/Roller Work.....	0.95
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.63
		<i>For >100 To 250, Add</i>	0.30
		<i>For >250 To 500, Add</i>	0.13
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.14
		<i>For >20,000, Deduct</i>	-0.19
09 91 23 00-0107	SF	Paint Interior Stucco Walls, 1 Coat Paint, Brush/Roller Work	1.07
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.71
		<i>For >100 To 250, Add</i>	0.34
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.11
		<i>For >10,000 To 20,000, Deduct</i>	-0.16
		<i>For >20,000, Deduct</i>	-0.21
09 91 23 00-0108	SF	Paint Interior Stucco Walls, 2 Coats Paint, Brush/Roller Work	1.95
		<i>For Oil Based Paint, Add</i>	0.11
		<i>For Up To 100, Add</i>	1.28
		<i>For >100 To 250, Add</i>	0.61
		<i>For >250 To 500, Add</i>	0.26
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.20
		<i>For >10,000 To 20,000, Deduct</i>	-0.29
		<i>For >20,000, Deduct</i>	-0.39
09 91 23 00-0109	SF	Paint Interior Stucco Walls, 1 Coat Primer, Sprayed.....	0.58
		<i>For Oil Based Paint, Add</i>	0.04
		<i>For Up To 100, Add</i>	0.35
		<i>For >100 To 250, Add</i>	0.17
		<i>For >250 To 500, Add</i>	0.07
		<i>For >2,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000 To 10,000, Deduct</i>	-0.06
		<i>For >10,000 To 20,000, Deduct</i>	-0.09
		<i>For >20,000, Deduct</i>	-0.12
09 91 23 00-0110	SF	Paint Interior Stucco Walls, 1 Coat Paint, Sprayed.....	0.71
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.42
		<i>For >100 To 250, Add</i>	0.20
		<i>For >250 To 500, Add</i>	0.09
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 20,000, Deduct</i>	-0.11
		<i>For >20,000, Deduct</i>	-0.14

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

09 91 23 00-0111	SF	Paint Interior Stucco Walls, 2 Coats Paint, Sprayed.....	1.37		
		For Oil Based Paint, Add	0.09		
		For Up To 100, Add	0.82		
		For >100 To 250, Add	0.39		
		For >250 To 500, Add	0.17		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.14		
		For >10,000 To 20,000, Deduct	-0.21		
		For >20,000, Deduct	-0.27		
09 91 23 00-0112		Paint Interior Wood Walls (09 91 23 00-0001)			
09 91 23 00-0113		Interior Wood Walls (09 91 23 00-0112)			
09 91 23 00-0114	SF	Paint Interior Wood Wall Surfaces, 1 Coat Paint, Brush Work.....	0.94		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.64		
		For >100 To 250, Add	0.30		
		For >250 To 500, Add	0.13		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.19		
09 91 23 00-0115	SF	Paint Interior Wood Wall Surfaces, 2 Coats Paint, Brush Work.....	1.71		
		For Oil Based Paint, Add	0.10		
		For Up To 100, Add	1.16		
		For >100 To 250, Add	0.55		
		For >250 To 500, Add	0.24		
		For >2,500 To 5,000, Deduct	-0.09		
		For >5,000 To 10,000, Deduct	-0.17		
		For >10,000 To 20,000, Deduct	-0.26		
		For >20,000, Deduct	-0.34		
09 91 23 00-0116	SF	Paint Interior Wood Wall Surfaces, 3 Coats Paint, Brush Work.....	2.43		
		For Oil Based Paint, Add	0.14		
		For Up To 100, Add	1.63		
		For >100 To 250, Add	0.77		
		For >250 To 500, Add	0.33		
		For >2,500 To 5,000, Deduct	-0.12		
		For >5,000 To 10,000, Deduct	-0.24		
		For >10,000 To 20,000, Deduct	-0.36		
		For >20,000, Deduct	-0.49		
09 91 23 00-0117	SF	Paint Interior Wood Walls, 1 Coat Primer, Brush/Roller Work.....	0.66		
		For Oil Based Paint, Add	0.04		
		For Up To 100, Add	0.43		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.13		
09 91 23 00-0118	SF	Paint Interior Wood Walls, 1 Coat Paint, Brush/Roller Work.....	0.76		
		For Oil Based Paint, Add	0.04		
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.24		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.15		
09 91 23 00-0119	SF	Paint Interior Wood Walls, 2 Coats Paint, Brush/Roller Work.....	1.32		
		For Oil Based Paint, Add	0.08		
		For Up To 100, Add	0.86		
		For >100 To 250, Add	0.41		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.13		
		For >10,000 To 20,000, Deduct	-0.20		
		For >20,000, Deduct	-0.26		
09 91 23 00-0120	SF	Paint Interior Wood Walls, 1 Coat Primer, Sprayed.....	0.41		
		For Oil Based Paint, Add	0.03		
		For Up To 100, Add	0.23		
		For >100 To 250, Add	0.11		
		For >250 To 500, Add	0.05		
		For >2,500 To 5,000, Deduct	-0.02		
		For >5,000 To 10,000, Deduct	-0.04		
		For >10,000 To 20,000, Deduct	-0.06		
		For >20,000, Deduct	-0.08		
09 91 23 00-0121	SF	Paint Interior Wood Walls, 1 Coat Paint, Sprayed.....	0.52		
		For Oil Based Paint, Add	0.03		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.10		

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0122	SF	Paint Interior Wood Walls, 2 Coats Paint, Sprayed.....	0.96	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0123		Paint Interior Ceilings <small>(09 91 23)</small>		
09 91 23 00-0124		Paint Interior Acoustical Ceilings <small>(09 91 23 00-0123)</small>		
		Note: Includes grid.		
09 91 23 00-0125	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush Work.....	0.83	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0126	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush Work.....	0.92	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.64	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0127	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush Work.....	1.61	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Up To 100, Add</i>	1.11	
		<i>For >100 To 250, Add</i>	0.52	
		<i>For >250 To 500, Add</i>	0.22	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.24	
		<i>For >20,000, Deduct</i>	-0.32	
09 91 23 00-0128	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.71	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Up To 100, Add</i>	0.47	
		<i>For >100 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.14	
09 91 23 00-0129	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Brush/Roller Work.....	0.71	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.14	
09 91 23 00-0130	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.30	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.26	
09 91 23 00-0131	SF	Paint Interior Acoustical Ceiling, 1 Coat Primer, Sprayed.....	0.53	
		<i>For Oil Based Paint, Add</i>	0.03	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.11	
09 91 23 00-0132	SF	Paint Interior Acoustical Ceiling, 1 Coat Paint, Sprayed.....	0.52	
		<i>For Oil Based Paint, Add</i>	0.03	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.10	

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

09 91 23 00-0133	SF	Paint Interior Acoustical Ceiling, 2 Coats Paint, Sprayed	0.83		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.24		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.17		

09 91 23 00-0134 Paint Interior Concrete Ceilings (09 91 23 00-0123)

09 91 23 00-0135	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush Work	0.83		
		For Oil Based Paint, Add	0.05		
		For Epoxy Paint, Add	0.07		
		For Up To 100, Add	0.56		
		For >100 To 250, Add	0.26		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.17		
09 91 23 00-0136	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush Work	0.91		
		For Oil Based Paint, Add	0.05		
		For Epoxy Paint, Add	0.07		
		For Up To 100, Add	0.63		
		For >100 To 250, Add	0.30		
		For >250 To 500, Add	0.13		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.18		
09 91 23 00-0137	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush Work	1.61		
		For Oil Based Paint, Add	0.09		
		For Epoxy Paint, Add	0.13		
		For Up To 100, Add	1.11		
		For >100 To 250, Add	0.52		
		For >250 To 500, Add	0.22		
		For >2,500 To 5,000, Deduct	-0.08		
		For >5,000 To 10,000, Deduct	-0.16		
		For >10,000 To 20,000, Deduct	-0.24		
		For >20,000, Deduct	-0.32		
09 91 23 00-0138	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Brush/Roller Work	0.63		
		For Oil Based Paint, Add	0.04		
		For Epoxy Paint, Add	0.06		
		For Up To 100, Add	0.41		
		For >100 To 250, Add	0.19		
		For >250 To 500, Add	0.08		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.09		
		For >20,000, Deduct	-0.13		
09 91 23 00-0139	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Brush/Roller Work	0.71		
		For Oil Based Paint, Add	0.04		
		For Epoxy Paint, Add	0.06		
		For Up To 100, Add	0.48		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.14		
09 91 23 00-0140	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Brush/Roller Work	1.30		
		For Oil Based Paint, Add	0.07		
		For Epoxy Paint, Add	0.12		
		For Up To 100, Add	0.87		
		For >100 To 250, Add	0.41		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.13		
		For >10,000 To 20,000, Deduct	-0.20		
		For >20,000, Deduct	-0.26		
09 91 23 00-0141	SF	Paint Interior Concrete Ceiling, 1 Coat Filler, Sprayed	0.50		
		For Oil Based Paint, Add	0.03		
		For Epoxy Paint, Add	0.06		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.10		

09 Finishes

09 90 Painting And Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0142	SF	Paint Interior Concrete Ceiling, 1 Coat Paint, Sprayed.....	0.52	
		<i>For Oil Based Paint, Add</i>	0.03	
		<i>For Epoxy Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.32	
		<i>For >100 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0143	SF	Paint Interior Concrete Ceiling, 2 Coats Paint, Sprayed	0.83	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Epoxy Paint, Add</i>	0.10	
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0144	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush Work.....	0.85	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0145	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Brush/Roller.....	0.65	
		<i>For Up To 100, Add</i>	0.41	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	
09 91 23 00-0146	SF	Paint Interior Concrete Ceiling, 1 Coat Bonding Agent, Sprayed.....	0.52	
		<i>For Up To 100, Add</i>	0.30	
		<i>For >100 To 250, Add</i>	0.14	
		<i>For >250 To 500, Add</i>	0.06	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0147		Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0123)		
09 91 23 00-0148	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush Work.....	0.83	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Orange Peel Finish, Add</i>	0.12	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0149	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush Work	0.92	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Orange Peel Finish, Add</i>	0.13	
		<i>For Up To 100, Add</i>	0.64	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0150	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush Work.....	1.61	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Orange Peel Finish, Add</i>	0.23	
		<i>For Up To 100, Add</i>	1.11	
		<i>For >100 To 250, Add</i>	0.52	
		<i>For >250 To 500, Add</i>	0.22	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.24	
		<i>For >20,000, Deduct</i>	-0.32	
09 91 23 00-0151	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.71	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Orange Peel Finish, Add</i>	0.10	
		<i>For Up To 100, Add</i>	0.47	
		<i>For >100 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.14	

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

09 91 23 00-0152	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Brush/Roller Work	0.71		
		For Oil Based Paint, Add	0.04		
		For Orange Peel Finish, Add	0.10		
		For Up To 100, Add	0.48		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.14		
09 91 23 00-0153	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Brush/Roller Work	1.30		
		For Oil Based Paint, Add	0.07		
		For Orange Peel Finish, Add	0.18		
		For Up To 100, Add	0.87		
		For >100 To 250, Add	0.41		
		For >250 To 500, Add	0.18		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.13		
		For >10,000 To 20,000, Deduct	-0.20		
		For >20,000, Deduct	-0.26		
09 91 23 00-0154	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Primer, Sprayed	0.53		
		For Oil Based Paint, Add	0.03		
		For Up To 100, Add	0.32		
		For >100 To 250, Add	0.15		
		For >250 To 500, Add	0.07		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.11		
09 91 23 00-0155	SF	Paint Interior Drywall/Plaster Ceiling, 1 Coat Paint, Sprayed	0.52		
		For Oil Based Paint, Add	0.03		
		For Up To 100, Add	0.32		
		For >100 To 250, Add	0.15		
		For >250 To 500, Add	0.07		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 20,000, Deduct	-0.08		
		For >20,000, Deduct	-0.10		
09 91 23 00-0156	SF	Paint Interior Drywall/Plaster Ceiling, 2 Coats Paint, Sprayed	0.83		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.24		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.17		

09 91 23 00-0157 Paint Interior Metal Ceilings (09 91 23 00-0123)
09 91 23 00-0158 Galvanized Surfaces, Galvanized Primer (09 91 23 00-0157)

Note: Linseed oil or acrylic latex paint.

09 91 23 00-0159	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush Work	0.97		
		For Electrostatic Painting, Add	0.12		
		For Up To 100, Add	0.64		
		For >100 To 250, Add	0.30		
		For >250 To 500, Add	0.13		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.10		
		For >10,000 To 20,000, Deduct	-0.15		
		For >20,000, Deduct	-0.19		
09 91 23 00-0160	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush Work	1.07		
		For Electrostatic Painting, Add	0.13		
		For Up To 100, Add	0.71		
		For >100 To 250, Add	0.34		
		For >250 To 500, Add	0.15		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.11		
		For >10,000 To 20,000, Deduct	-0.16		
		For >20,000, Deduct	-0.21		
09 91 23 00-0161	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush Work	1.94		
		For Electrostatic Painting, Add	0.24		
		For Up To 100, Add	1.28		
		For >100 To 250, Add	0.60		
		For >250 To 500, Add	0.26		
		For >2,500 To 5,000, Deduct	-0.10		
		For >5,000 To 10,000, Deduct	-0.19		
		For >10,000 To 20,000, Deduct	-0.29		
		For >20,000, Deduct	-0.39		
09 91 23 00-0162	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Brush/Roller Work	0.74		
		For Electrostatic Painting, Add	0.09		
		For Up To 100, Add	0.48		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.15		

09 Finishes

09 90 Painting And Coating

09 91 Painting

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0163	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Brush/Roller Work	0.84	
		<i>For Electrostatic Painting, Add</i>	0.10	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0164	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Brush/Roller Work	1.54	
		<i>For Electrostatic Painting, Add</i>	0.19	
		<i>For Up To 100, Add</i>	1.01	
		<i>For >100 To 250, Add</i>	0.48	
		<i>For >250 To 500, Add</i>	0.21	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.15	
		<i>For >10,000 To 20,000, Deduct</i>	-0.23	
		<i>For >20,000, Deduct</i>	-0.31	
09 91 23 00-0165	SF	Paint Interior Galvanized Ceiling, 1 Coat Primer, Sprayed	0.58	
		<i>For Electrostatic Painting, Add</i>	0.08	
		<i>For Up To 100, Add</i>	0.33	
		<i>For >100 To 250, Add</i>	0.16	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.09	
		<i>For >20,000, Deduct</i>	-0.12	
09 91 23 00-0166	SF	Paint Interior Galvanized Ceiling, 1 Coat Paint, Sprayed	0.68	
		<i>For Electrostatic Painting, Add</i>	0.09	
		<i>For Up To 100, Add</i>	0.41	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.14	
09 91 23 00-0167	SF	Paint Interior Galvanized Ceiling, 2 Coats Paint, Sprayed	1.06	
		<i>For Electrostatic Painting, Add</i>	0.16	
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.21	
09 91 23 00-0168		Aluminum And Aluminum Alloy Surface Pretreatment Primer <small>(09 91 23 00-0157)</small>		
		Note: Alkyd enamel paint.		
09 91 23 00-0169	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush Work	0.97	
		<i>For Electrostatic Painting, Add</i>	0.12	
		<i>For Up To 100, Add</i>	0.64	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0170	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush Work	1.07	
		<i>For Electrostatic Painting, Add</i>	0.13	
		<i>For Up To 100, Add</i>	0.71	
		<i>For >100 To 250, Add</i>	0.34	
		<i>For >250 To 500, Add</i>	0.15	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.21	
09 91 23 00-0171	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush Work	1.94	
		<i>For Electrostatic Painting, Add</i>	0.24	
		<i>For Up To 100, Add</i>	1.28	
		<i>For >100 To 250, Add</i>	0.60	
		<i>For >250 To 500, Add</i>	0.26	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.19	
		<i>For >10,000 To 20,000, Deduct</i>	-0.29	
		<i>For >20,000, Deduct</i>	-0.39	
09 91 23 00-0172	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Brush/Roller Work	0.79	
		<i>For Electrostatic Painting, Add</i>	0.10	
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	

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

09 91 23 00-0173	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Brush/Roller Work	0.89		
		For Electrostatic Painting, Add	0.11		
		For Up To 100, Add	0.57		
		For >100 To 250, Add	0.27		
		For >250 To 500, Add	0.12		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.13		
		For >20,000, Deduct	-0.18		
09 91 23 00-0174	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Brush/Roller Work	1.67		
		For Electrostatic Painting, Add	0.22		
		For Up To 100, Add	1.05		
		For >100 To 250, Add	0.50		
		For >250 To 500, Add	0.22		
		For >2,500 To 5,000, Deduct	-0.08		
		For >5,000 To 10,000, Deduct	-0.17		
		For >10,000 To 20,000, Deduct	-0.25		
		For >20,000, Deduct	-0.33		
09 91 23 00-0175	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Primer, Sprayed	0.58		
		For Electrostatic Painting, Add	0.08		
		For Up To 100, Add	0.33		
		For >100 To 250, Add	0.16		
		For >250 To 500, Add	0.07		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.09		
		For >20,000, Deduct	-0.12		
09 91 23 00-0176	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 1 Coat Paint, Sprayed.....	0.68		
		For Electrostatic Painting, Add	0.09		
		For Up To 100, Add	0.41		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.14		
09 91 23 00-0177	SF	Paint Interior Aluminum And Aluminum Alloy Ceiling, 2 Coats Paint, Sprayed.....	1.06		
		For Electrostatic Painting, Add	0.16		
		For Up To 100, Add	0.59		
		For >100 To 250, Add	0.29		
		For >250 To 500, Add	0.13		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.11		
		For >10,000 To 20,000, Deduct	-0.16		
		For >20,000, Deduct	-0.21		
09 91 23 00-0178		Paint Interior Ceiling Tile Grid <small>(09 91 23 00-0157)</small>			
		Note: Grid only.			
09 91 23 00-0179	LF	Paint Interior Ceiling Tile Grid, 1 Coat Paint, Brush/Roller Work	0.21		
		For Electrostatic Painting, Add	0.02		
		For Up To 100, Add	0.15		
		For >100 To 250, Add	0.07		
		For >250 To 500, Add	0.03		
		For >2,500 To 5,000, Deduct	-0.01		
		For >5,000 To 10,000, Deduct	-0.02		
		For >10,000 To 20,000, Deduct	-0.03		
		For >20,000, Deduct	-0.04		
09 91 23 00-0180	LF	Paint Interior Ceiling Tile Grid, 2 Coats Paint, Brush/Roller Work.....	0.42		
		For Electrostatic Painting, Add	0.05		
		For Up To 100, Add	0.29		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >2,500 To 5,000, Deduct	-0.02		
		For >5,000 To 10,000, Deduct	-0.04		
		For >10,000 To 20,000, Deduct	-0.06		
		For >20,000, Deduct	-0.08		
09 91 23 00-0181		Paint Interior Corrugated Metal Ceilings <small>(09 91 23 00-0157)</small>			
09 91 23 00-0182	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Primer, Sprayed.....	0.78		
		For Electrostatic Painting, Add	0.11		
		For Up To 100, Add	0.45		
		For >100 To 250, Add	0.22		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.16		
09 91 23 00-0183	SF	Paint Interior Corrugated Metal Ceiling, 1 Coat Paint, Sprayed.....	0.91		
		For Electrostatic Painting, Add	0.13		
		For Up To 100, Add	0.54		
		For >100 To 250, Add	0.26		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.05		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.14		
		For >20,000, Deduct	-0.18		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0184	SF		Paint Interior Corrugated Metal Ceiling, 2 Coats Paint, Sprayed	1.42	
			For Electrostatic Painting, Add	0.21	
			For Up To 100, Add	0.79	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91 23 00-0185			Paint Interior Wood Ceilings (09 91 23 00-0123)		
09 91 23 00-0186			Paint Interior Smooth Wood Ceilings (09 91 23 00-0185)		
09 91 23 00-0187	SF		Paint Interior Wood Smooth Ceiling, 1 Coat Primer, Brush Work	1.01	
			For Oil Based Paint, Add	0.06	
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0188	SF		Paint Interior Wood Smooth Ceiling, 1 Coat Paint, Brush Work.....	1.05	
			For Oil Based Paint, Add	0.06	
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0189	SF		Paint Interior Wood Smooth Ceiling, 2 Coats Paint, Brush Work.....	1.91	
			For Oil Based Paint, Add	0.11	
			For Up To 100, Add	1.28	
			For >100 To 250, Add	0.60	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	
09 91 23 00-0190	SF		Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Brush/Roller Work.....	0.79	
			For Oil Based Paint, Add	0.05	
			For Up To 100, Add	0.49	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91 23 00-0191	SF		Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Brush/Roller Work	0.87	
			For Oil Based Paint, Add	0.05	
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91 23 00-0192	SF		Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Brush/Roller Work.....	1.63	
			For Oil Based Paint, Add	0.10	
			For Up To 100, Add	1.04	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.24	
			For >20,000, Deduct	-0.33	
09 91 23 00-0193	SF		Paint Interior Smooth Wood Ceiling, 1 Coat Primer, Sprayed.....	0.54	
			For Oil Based Paint, Add	0.03	
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	
09 91 23 00-0194	SF		Paint Interior Smooth Wood Ceiling, 1 Coat Paint, Sprayed.....	0.65	
			For Oil Based Paint, Add	0.04	
			For Up To 100, Add	0.41	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

09 91 23 00-0195	SF	Paint Interior Smooth Wood Ceiling, 2 Coats Paint, Sprayed	0.98
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.58
		<i>For >100 To 250, Add</i>	0.28
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.05
		<i>For >5,000 To 10,000, Deduct</i>	-0.10
		<i>For >10,000 To 20,000, Deduct</i>	-0.15
		<i>For >20,000, Deduct</i>	-0.20

09 91 23 00-0196 Paint Interior Wood Beams (09 91 23 00-0123)

09 91 23 00-0197	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush Work	1.11
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.74
		<i>For >100 To 250, Add</i>	0.35
		<i>For >250 To 500, Add</i>	0.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.11
		<i>For >10,000 To 20,000, Deduct</i>	-0.17
		<i>For >20,000, Deduct</i>	-0.22
09 91 23 00-0198	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush Work	1.15
		<i>For Oil Based Paint, Add</i>	0.06
		<i>For Up To 100, Add</i>	0.78
		<i>For >100 To 250, Add</i>	0.37
		<i>For >250 To 500, Add</i>	0.16
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.12
		<i>For >10,000 To 20,000, Deduct</i>	-0.17
		<i>For >20,000, Deduct</i>	-0.23
09 91 23 00-0199	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush Work	2.09
		<i>For Oil Based Paint, Add</i>	0.12
		<i>For Up To 100, Add</i>	1.41
		<i>For >100 To 250, Add</i>	0.67
		<i>For >250 To 500, Add</i>	0.29
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.21
		<i>For >10,000 To 20,000, Deduct</i>	-0.31
		<i>For >20,000, Deduct</i>	-0.42
09 91 23 00-0200	SF	Paint Interior Wood Beams, 1 Coat Primer, Brush/Roller Work	0.88
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.56
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.13
		<i>For >20,000, Deduct</i>	-0.18
09 91 23 00-0201	SF	Paint Interior Wood Beams, 1 Coat Paint, Brush/Roller Work	0.87
		<i>For Oil Based Paint, Add</i>	0.05
		<i>For Up To 100, Add</i>	0.56
		<i>For >100 To 250, Add</i>	0.27
		<i>For >250 To 500, Add</i>	0.12
		<i>For >2,500 To 5,000, Deduct</i>	-0.04
		<i>For >5,000 To 10,000, Deduct</i>	-0.09
		<i>For >10,000 To 20,000, Deduct</i>	-0.13
		<i>For >20,000, Deduct</i>	-0.17
09 91 23 00-0202	SF	Paint Interior Wood Beams, 2 Coats Paint, Brush/Roller Work	1.63
		<i>For Oil Based Paint, Add</i>	0.10
		<i>For Up To 100, Add</i>	1.04
		<i>For >100 To 250, Add</i>	0.50
		<i>For >250 To 500, Add</i>	0.21
		<i>For >2,500 To 5,000, Deduct</i>	-0.08
		<i>For >5,000 To 10,000, Deduct</i>	-0.16
		<i>For >10,000 To 20,000, Deduct</i>	-0.24
		<i>For >20,000, Deduct</i>	-0.33
09 91 23 00-0203	SF	Paint Interior Wood Beams, 1 Coat Primer, Sprayed	0.65
		<i>For Oil Based Paint, Add</i>	0.04
		<i>For Up To 100, Add</i>	0.41
		<i>For >100 To 250, Add</i>	0.20
		<i>For >250 To 500, Add</i>	0.08
		<i>For >2,500 To 5,000, Deduct</i>	-0.03
		<i>For >5,000 To 10,000, Deduct</i>	-0.07
		<i>For >10,000 To 20,000, Deduct</i>	-0.10
		<i>For >20,000, Deduct</i>	-0.13
09 91 23 00-0204	SF	Paint Interior Wood Beams, 1 Coat Paint, Sprayed	1.28
		<i>For Oil Based Paint, Add</i>	0.07
		<i>For Up To 100, Add</i>	0.88
		<i>For >100 To 250, Add</i>	0.42
		<i>For >250 To 500, Add</i>	0.18
		<i>For >2,500 To 5,000, Deduct</i>	-0.06
		<i>For >5,000 To 10,000, Deduct</i>	-0.13
		<i>For >10,000 To 20,000, Deduct</i>	-0.19
		<i>For >20,000, Deduct</i>	-0.26

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0205	SF	Paint Interior Wood Beams, 2 Coats Paint, Sprayed	1.07	
		For Oil Based Paint, Add	0.07	
		For Up To 100, Add	0.65	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.21	
09 91 23 00-0206		Paint Interior Floors And Decks (09 91 23)		
09 91 23 00-0207		Paint Interior Concrete Floors And Decks (09 91 23 00-0206)		
09 91 23 00-0208	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush Work	0.63	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Up To 100, Add	0.41	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.13	
09 91 23 00-0209	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush Work.....	0.71	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Up To 100, Add	0.48	
		For >100 To 250, Add	0.23	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.14	
09 91 23 00-0210	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush Work.....	1.37	
		For Oil Based Paint, Add	0.08	
		For Epoxy Paint, Add	0.12	
		For Up To 100, Add	0.93	
		For >100 To 250, Add	0.44	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
09 91 23 00-0211	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.62	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Up To 100, Add	0.40	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 23 00-0212	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.61	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.06	
		For Up To 100, Add	0.40	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.12	
09 91 23 00-0213	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Brush/Roller Work	0.97	
		For Oil Based Paint, Add	0.06	
		For Epoxy Paint, Add	0.10	
		For Up To 100, Add	0.63	
		For >100 To 250, Add	0.30	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.19	
09 91 23 00-0214	SF	Paint Interior Concrete Floors And Decks, 1 Coat Primer, Sprayed.....	0.41	
		For Oil Based Paint, Add	0.03	
		For Epoxy Paint, Add	0.06	
		For Up To 100, Add	0.23	
		For >100 To 250, Add	0.11	
		For >250 To 500, Add	0.05	
		For >2,500 To 5,000, Deduct	-0.02	
		For >5,000 To 10,000, Deduct	-0.04	
		For >10,000 To 20,000, Deduct	-0.06	
		For >20,000, Deduct	-0.08	

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

09 91 23 00-0215	SF	Paint Interior Concrete Floors And Decks, 1 Coat Paint, Sprayed.....	0.42		
		For Oil Based Paint, Add	0.03		
		For Epoxy Paint, Add	0.05		
		For Up To 100, Add	0.25		
		For >100 To 250, Add	0.12		
		For >250 To 500, Add	0.05		
		For >2,500 To 5,000, Deduct	-0.02		
		For >5,000 To 10,000, Deduct	-0.04		
		For >10,000 To 20,000, Deduct	-0.06		
		For >20,000, Deduct	-0.08		
09 91 23 00-0216	SF	Paint Interior Concrete Floors And Decks, 2 Coats Paint, Sprayed.....	0.73		
		For Oil Based Paint, Add	0.05		
		For Epoxy Paint, Add	0.10		
		For Up To 100, Add	0.42		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.09		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.11		
		For >20,000, Deduct	-0.15		
09 91 23 00-0217	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush	0.65		
		For Up To 100, Add	0.41		
		For >100 To 250, Add	0.20		
		For >250 To 500, Add	0.08		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.07		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.13		
09 91 23 00-0218	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Brush/Roller Work.....	0.64		
		For Up To 100, Add	0.40		
		For >100 To 250, Add	0.19		
		For >250 To 500, Add	0.08		
		For >2,500 To 5,000, Deduct	-0.03		
		For >5,000 To 10,000, Deduct	-0.06		
		For >10,000 To 20,000, Deduct	-0.10		
		For >20,000, Deduct	-0.13		
09 91 23 00-0219	SF	Paint Interior Concrete Floors And Decks, 1 Coat Bonding Agent, Sprayed	0.43		
		For Up To 100, Add	0.23		
		For >100 To 250, Add	0.11		
		For >250 To 500, Add	0.05		
		For >2,500 To 5,000, Deduct	-0.02		
		For >5,000 To 10,000, Deduct	-0.04		
		For >10,000 To 20,000, Deduct	-0.06		
		For >20,000, Deduct	-0.09		
09 91 23 00-0220	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Paint, Brush Work.....	1.42		
		For Up To 100, Add	0.59		
		For >100 To 250, Add	0.30		
		For >250 To 500, Add	0.13		
		For >2,500 To 5,000, Deduct	-0.07		
		For >5,000 To 10,000, Deduct	-0.14		
		For >10,000 To 20,000, Deduct	-0.21		
		For >20,000, Deduct	-0.28		
09 91 23 00-0221	SF	Paint Interior Concrete Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work (Rust-Oleum® AS91864251).....	3.59		
		For Up To 100, Add	0.91		
		For >100 To 250, Add	0.51		
		For >250 To 500, Add	0.24		
		For >2,500 To 5,000, Deduct	-0.18		
		For >5,000 To 10,000, Deduct	-0.36		
		For >10,000 To 20,000, Deduct	-0.54		
		For >20,000, Deduct	-0.72		

09 91 23 00-0222 Paint Interior Wood Floors And Decks (09 91 23 00-0206)

09 91 23 00-0223	SF	Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush Work.....	0.77		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.49		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.08		
		For >10,000 To 20,000, Deduct	-0.12		
		For >20,000, Deduct	-0.15		
09 91 23 00-0224	SF	Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush Work.....	0.85		
		For Oil Based Paint, Add	0.05		
		For Up To 100, Add	0.56		
		For >100 To 250, Add	0.27		
		For >250 To 500, Add	0.11		
		For >2,500 To 5,000, Deduct	-0.04		
		For >5,000 To 10,000, Deduct	-0.09		
		For >10,000 To 20,000, Deduct	-0.13		
		For >20,000, Deduct	-0.17		
09 91 23 00-0225	SF	Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush Work.....	1.60		
		For Oil Based Paint, Add	0.09		
		For Up To 100, Add	1.04		
		For >100 To 250, Add	0.50		
		For >250 To 500, Add	0.21		
		For >2,500 To 5,000, Deduct	-0.08		
		For >5,000 To 10,000, Deduct	-0.16		
		For >10,000 To 20,000, Deduct	-0.24		
		For >20,000, Deduct	-0.32		

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0226	SF Paint Interior Wood Floors And Decks, 1 Coat Primer, Brush/Roller Work.....	0.61	
	For Oil Based Paint, Add	0.04	
	For Up To 100, Add	0.36	
	For >100 To 250, Add	0.17	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.06	
	For >10,000 To 20,000, Deduct	-0.09	
	For >20,000, Deduct	-0.12	
09 91 23 00-0227	SF Paint Interior Wood Floors And Decks, 1 Coat Paint, Brush/Roller Work	0.67	
	For Oil Based Paint, Add	0.04	
	For Up To 100, Add	0.41	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.10	
	For >20,000, Deduct	-0.13	
09 91 23 00-0228	SF Paint Interior Wood Floors And Decks, 2 Coats Paint, Brush/Roller Work.....	1.32	
	For Oil Based Paint, Add	0.08	
	For Up To 100, Add	0.81	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 23 00-0229	SF Paint Interior Wood Floors And Decks, 1 Coat Primer, Sprayed.....	0.44	
	For Oil Based Paint, Add	0.03	
	For Up To 100, Add	0.25	
	For >100 To 250, Add	0.12	
	For >250 To 500, Add	0.05	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.07	
	For >20,000, Deduct	-0.09	
09 91 23 00-0230	SF Paint Interior Wood Floors And Decks, 1 Coat Paint, Sprayed.....	0.54	
	For Oil Based Paint, Add	0.03	
	For Up To 100, Add	0.33	
	For >100 To 250, Add	0.16	
	For >250 To 500, Add	0.07	
	For >2,500 To 5,000, Deduct	-0.03	
	For >5,000 To 10,000, Deduct	-0.05	
	For >10,000 To 20,000, Deduct	-0.08	
	For >20,000, Deduct	-0.11	
09 91 23 00-0231	SF Paint Interior Wood Floors And Decks, 2 Coats Paint, Sprayed	0.79	
	For Oil Based Paint, Add	0.05	
	For Up To 100, Add	0.44	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	
09 91 23 00-0232	SF Paint Interior Wood Floors And Decks, 1 Coat Non Slip Paint, Brush Work	1.42	
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.30	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 23 00-0233	SF Paint Interior Wood Floors And Decks, 1 Coat Non Slip Epoxy Coating, Brush Work.....	3.59	
	For Up To 100, Add	0.91	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.24	
	For >2,500 To 5,000, Deduct	-0.18	
	For >5,000 To 10,000, Deduct	-0.36	
	For >10,000 To 20,000, Deduct	-0.54	
	For >20,000, Deduct	-0.72	
09 91 23 00-0234	Paint Interior Doors And Windows <small>(09 91 23)</small>		
09 91 23 00-0235	Paint Interior Door Frames <small>(09 91 23 00-0234)</small>		
09 91 23 00-0236	LF Paint Interior Wood Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.97	
	For Oil Based Paint, Add	0.05	
	For Painting One Face Of Frame Only, Deduct	-0.25	
09 91 23 00-0237	LF Paint Interior Wood Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.26	
	For Oil Based Paint, Add	0.07	
	For Painting One Face Of Frame Only, Deduct	-0.33	
09 91 23 00-0238	LF Paint Interior Wood Door Frame And Trim, 2 Coats Paint, Brush/Roller Work	2.12	
	For Oil Based Paint, Add	0.11	
	For Painting One Face Of Frame Only, Deduct	-0.55	
09 91 23 00-0239	LF Paint Interior Metal Door Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	0.96	
	For Oil Based Paint, Add	0.05	
	For Painting One Face Of Frame Only, Deduct	-0.25	
09 91 23 00-0240	LF Paint Interior Metal Door Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.25	
	For Oil Based Paint, Add	0.07	
	For Painting One Face Of Frame Only, Deduct	-0.32	

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

09 91 23 00-0241	LF	Paint Interior Metal Door Frame And Trim, 2 Coats Paint, Brush/Roller Work.....		2.11	
		<i>For Oil Based Paint, Add</i>		0.11	
		<i>For Painting One Face Of Frame Only, Deduct</i>		-0.55	
09 91 23 00-0242		Paint Interior Metal Doors <small>(09 91 23 00-0234)</small>			
09 91 23 00-0243	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Brush/Roller Work.....		39.94	
		<i>For Electrostatic Painting, Add</i>		5.52	
		<i>For Half Louvered Door, Add</i>		4.47	
		<i>For Full Louvered Door, Add</i>		7.45	
		<i>For Oil Based Paint, Add</i>		2.50	
		<i>For >5 To 10, Deduct</i>		-2.00	
		<i>For >10 To 25, Deduct</i>		-3.99	
		<i>For >25, Deduct</i>		-5.99	
09 91 23 00-0244	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Brush/Roller Work.....		39.94	
		<i>For Electrostatic Painting, Add</i>		5.52	
		<i>For Half Louvered Door, Add</i>		4.47	
		<i>For Full Louvered Door, Add</i>		7.45	
		<i>For Oil Based Paint, Add</i>		2.50	
		<i>For >5 To 10, Deduct</i>		-2.00	
		<i>For >10 To 25, Deduct</i>		-3.99	
		<i>For >25, Deduct</i>		-5.99	
09 91 23 00-0245	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Brush/Roller Work.....		70.48	
		<i>For Electrostatic Painting, Add</i>		10.07	
		<i>For Half Louvered Door, Add</i>		7.55	
		<i>For Full Louvered Door, Add</i>		12.58	
		<i>For Oil Based Paint, Add</i>		4.53	
		<i>For >5 To 10, Deduct</i>		-3.52	
		<i>For >10 To 25, Deduct</i>		-7.05	
		<i>For >25, Deduct</i>		-10.57	
09 91 23 00-0246	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Brush/Roller Work.....		71.65	
		<i>For Electrostatic Painting, Add</i>		9.90	
		<i>For Half Louvered Door, Add</i>		8.01	
		<i>For Full Louvered Door, Add</i>		13.36	
		<i>For Oil Based Paint, Add</i>		4.49	
		<i>For >5 To 10, Deduct</i>		-3.58	
		<i>For >10 To 25, Deduct</i>		-7.17	
		<i>For >25, Deduct</i>		-10.75	
09 91 23 00-0247	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....		71.66	
		<i>For Electrostatic Painting, Add</i>		9.90	
		<i>For Half Louvered Door, Add</i>		8.01	
		<i>For Full Louvered Door, Add</i>		13.36	
		<i>For Oil Based Paint, Add</i>		4.49	
		<i>For >5 To 10, Deduct</i>		-3.58	
		<i>For >10 To 25, Deduct</i>		-7.17	
		<i>For >25, Deduct</i>		-10.75	
09 91 23 00-0248	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Brush/Roller Work		126.85	
		<i>For Electrostatic Painting, Add</i>		18.16	
		<i>For Half Louvered Door, Add</i>		13.56	
		<i>For Full Louvered Door, Add</i>		22.60	
		<i>For Oil Based Paint, Add</i>		8.17	
		<i>For >5 To 10, Deduct</i>		-6.34	
		<i>For >10 To 25, Deduct</i>		-12.69	
		<i>For >25, Deduct</i>		-19.03	
09 91 23 00-0249	EA	Paint Interior Metal Door, One Face, 1 Coat Primer, Sprayed.....		29.03	
		<i>For Electrostatic Painting, Add</i>		4.58	
		<i>For Half Louvered Door, Add</i>		2.68	
		<i>For Full Louvered Door, Add</i>		4.47	
		<i>For Oil Based Paint, Add</i>		2.01	
		<i>For >5 To 10, Deduct</i>		-1.45	
		<i>For >10 To 25, Deduct</i>		-2.90	
		<i>For >25, Deduct</i>		-4.35	
09 91 23 00-0250	EA	Paint Interior Metal Door, One Face, 1 Coat Paint, Sprayed.....		29.03	
		<i>For Electrostatic Painting, Add</i>		4.58	
		<i>For Half Louvered Door, Add</i>		2.68	
		<i>For Full Louvered Door, Add</i>		4.47	
		<i>For Oil Based Paint, Add</i>		2.01	
		<i>For >5 To 10, Deduct</i>		-1.45	
		<i>For >10 To 25, Deduct</i>		-2.90	
		<i>For >25, Deduct</i>		-4.35	
09 91 23 00-0251	EA	Paint Interior Metal Door, One Face, 2 Coats Paint, Sprayed.....		52.37	
		<i>For Electrostatic Painting, Add</i>		8.56	
		<i>For Half Louvered Door, Add</i>		4.53	
		<i>For Full Louvered Door, Add</i>		7.55	
		<i>For Oil Based Paint, Add</i>		3.73	
		<i>For >5 To 10, Deduct</i>		-2.62	
		<i>For >10 To 25, Deduct</i>		-5.24	
		<i>For >25, Deduct</i>		-7.86	
09 91 23 00-0252	EA	Paint Interior Metal Door, Both Faces, 1 Coat Primer, Sprayed.....		52.11	
		<i>For Electrostatic Painting, Add</i>		8.22	
		<i>For Half Louvered Door, Add</i>		4.61	
		<i>For Full Louvered Door, Add</i>		8.01	
		<i>For Oil Based Paint, Add</i>		3.61	
		<i>For >5 To 10, Deduct</i>		-2.61	
		<i>For >10 To 25, Deduct</i>		-5.21	
		<i>For >25, Deduct</i>		-7.82	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0253	EA	Paint Interior Metal Door, Both Faces, 1 Coat Paint, Sprayed.....	52.11
		<i>For Electrostatic Painting, Add</i>	8.22
		<i>For Half Louvered Door, Add</i>	4.81
		<i>For Full Louvered Door, Add</i>	8.01
		<i>For Oil Based Paint, Add</i>	3.61
		<i>For >5 To 10, Deduct</i>	-2.61
		<i>For >10 To 25, Deduct</i>	-5.21
		<i>For >25, Deduct</i>	-7.82
09 91 23 00-0254	EA	Paint Interior Metal Door, Both Faces, 2 Coats Paint, Sprayed	94.34
		<i>For Electrostatic Painting, Add</i>	15.45
		<i>For Half Louvered Door, Add</i>	8.13
		<i>For Full Louvered Door, Add</i>	13.56
		<i>For Oil Based Paint, Add</i>	6.72
		<i>For >5 To 10, Deduct</i>	-4.72
		<i>For >10 To 25, Deduct</i>	-9.43
		<i>For >25, Deduct</i>	-14.15

09 91 23 00-0255 Paint Interior Wood Doors (09 91 23 00-0234)

09 91 23 00-0256	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Brush/Roller Work.....	39.94
		<i>For Oil Based Paint, Add</i>	2.50
		<i>For Half Louvered Door, Add</i>	4.47
		<i>For Full Louvered Door, Add</i>	7.45
		<i>For >5 To 10, Deduct</i>	-2.00
		<i>For >10 To 25, Deduct</i>	-3.99
		<i>For >25, Deduct</i>	-5.99
09 91 23 00-0257	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Brush/Roller Work	39.94
		<i>For Oil Based Paint, Add</i>	2.50
		<i>For Half Louvered Door, Add</i>	4.47
		<i>For Full Louvered Door, Add</i>	7.45
		<i>For >5 To 10, Deduct</i>	-2.00
		<i>For >10 To 25, Deduct</i>	-3.99
		<i>For >25, Deduct</i>	-5.99
09 91 23 00-0258	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Brush/Roller Work	70.49
		<i>For Oil Based Paint, Add</i>	4.53
		<i>For Half Louvered Door, Add</i>	7.55
		<i>For Full Louvered Door, Add</i>	12.58
		<i>For >5 To 10, Deduct</i>	-3.52
		<i>For >10 To 25, Deduct</i>	-7.05
		<i>For >25, Deduct</i>	-10.57
09 91 23 00-0259	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Brush/Roller Work	71.66
		<i>For Oil Based Paint, Add</i>	4.49
		<i>For Half Louvered Door, Add</i>	8.01
		<i>For Full Louvered Door, Add</i>	13.36
		<i>For >5 To 10, Deduct</i>	-3.58
		<i>For >10 To 25, Deduct</i>	-7.17
		<i>For >25, Deduct</i>	-10.75
09 91 23 00-0260	EA	Paint Interior Wood Door, Both Faces, 1 Coat Paint, Brush/Roller Work.....	71.66
		<i>For Oil Based Paint, Add</i>	4.49
		<i>For Half Louvered Door, Add</i>	8.01
		<i>For Full Louvered Door, Add</i>	13.36
		<i>For >5 To 10, Deduct</i>	-3.58
		<i>For >10 To 25, Deduct</i>	-7.17
		<i>For >25, Deduct</i>	-10.75
09 91 23 00-0261	EA	Paint Interior Wood Door, Both Faces, 2 Coats Paint, Brush/Roller Work.....	126.85
		<i>For Oil Based Paint, Add</i>	8.17
		<i>For Half Louvered Door, Add</i>	13.56
		<i>For Full Louvered Door, Add</i>	22.60
		<i>For >5 To 10, Deduct</i>	-6.34
		<i>For >10 To 25, Deduct</i>	-12.69
		<i>For >25, Deduct</i>	-19.03
09 91 23 00-0262	EA	Paint Interior Wood Door, One Face, 1 Coat Primer, Sprayed	29.03
		<i>For Oil Based Paint, Add</i>	2.01
		<i>For Half Louvered Door, Add</i>	2.68
		<i>For Full Louvered Door, Add</i>	4.47
		<i>For >5 To 10, Deduct</i>	-1.45
		<i>For >10 To 25, Deduct</i>	-2.90
		<i>For >25, Deduct</i>	-4.35
09 91 23 00-0263	EA	Paint Interior Wood Door, One Face, 1 Coat Paint, Sprayed.....	29.03
		<i>For Oil Based Paint, Add</i>	2.01
		<i>For Half Louvered Door, Add</i>	2.68
		<i>For Full Louvered Door, Add</i>	4.47
		<i>For >5 To 10, Deduct</i>	-1.45
		<i>For >10 To 25, Deduct</i>	-2.90
		<i>For >25, Deduct</i>	-4.35
09 91 23 00-0264	EA	Paint Interior Wood Door, One Face, 2 Coats Paint, Sprayed.....	52.38
		<i>For Oil Based Paint, Add</i>	3.73
		<i>For Half Louvered Door, Add</i>	4.53
		<i>For Full Louvered Door, Add</i>	7.55
		<i>For >5 To 10, Deduct</i>	-2.62
		<i>For >10 To 25, Deduct</i>	-5.24
		<i>For >25, Deduct</i>	-7.86
09 91 23 00-0265	EA	Paint Interior Wood Door, Both Faces, 1 Coat Primer, Sprayed	52.11
		<i>For Oil Based Paint, Add</i>	3.61
		<i>For Half Louvered Door, Add</i>	4.81
		<i>For Full Louvered Door, Add</i>	8.01
		<i>For >5 To 10, Deduct</i>	-2.61
		<i>For >10 To 25, Deduct</i>	-5.21
		<i>For >25, Deduct</i>	-7.82

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST

09 91 23 00-0266	EA			Paint Interior Wood Door, Both Faces, 1 Coat Paint, Sprayed	52.11	
				For Oil Based Paint, Add	3.61	
				For Half Louvered Door, Add	4.81	
				For Full Louvered Door, Add	8.01	
				For >5 To 10, Deduct	-2.61	
				For >10 To 25, Deduct	-5.21	
				For >25, Deduct	-7.82	
09 91 23 00-0267	EA			Paint Interior Wood Door, Both Faces, 2 Coats Paint, Sprayed.....	94.34	
				For Oil Based Paint, Add	6.72	
				For Half Louvered Door, Add	8.13	
				For Full Louvered Door, Add	13.56	
				For >5 To 10, Deduct	-4.72	
				For >10 To 25, Deduct	-9.43	
				For >25, Deduct	-14.15	

09 91 23 00-0268 Paint Interior Metal Windows (09 91 23 00-0234)

Note: Two finish coats paint over rust inhibitive primer.

09 91 23 00-0269	EA			Up To 8 SF Window Size, Paint Interior Metal Window Including Trim.....	73.53	
				For Oil Based Paint, Add	4.01	
				For Electrostatic Painting, Add	8.36	
				For >5 To 10, Deduct	-3.68	
				For >10 To 25, Deduct	-7.35	
				For >25, Deduct	-11.03	
09 91 23 00-0270	EA			> 8 To 14 SF Window Size, Paint Interior Metal Window Including Trim	87.47	
				For Oil Based Paint, Add	4.89	
				For Electrostatic Painting, Add	10.31	
				For >5 To 10, Deduct	-4.37	
				For >10 To 25, Deduct	-8.75	
				For >25, Deduct	-13.12	
09 91 23 00-0271	EA			> 14 To 20 SF Window Size, Paint Interior Metal Window Including Trim	117.54	
				For Oil Based Paint, Add	6.62	
				For Electrostatic Painting, Add	13.97	
				For >5 To 10, Deduct	-5.88	
				For >10 To 25, Deduct	-11.75	
				For >25, Deduct	-17.63	
09 91 23 00-0272	EA			> 20 To 26 SF Window Size, Paint Interior Metal Window Including Trim	132.32	
				For Oil Based Paint, Add	7.45	
				For Electrostatic Painting, Add	15.74	
				For >5 To 10, Deduct	-6.62	
				For >10 To 25, Deduct	-13.23	
				For >25, Deduct	-19.85	
09 91 23 00-0273	EA			> 26 To 34 SF Window Size, Paint Interior Metal Window Including Trim	146.82	
				For Oil Based Paint, Add	8.26	
				For Electrostatic Painting, Add	17.44	
				For >5 To 10, Deduct	-7.34	
				For >10 To 25, Deduct	-14.68	
				For >25, Deduct	-22.02	
09 91 23 00-0274	SF			> 34 SF Window Size, Paint Interior Metal Window Including Trim	4.67	
				For Oil Based Paint, Add	0.26	
				For Electrostatic Painting, Add	0.55	

09 91 23 00-0275 Wood Windows (09 91 23 00-0234)

Note: Two finish coats paint over primer.

09 91 23 00-0276	EA			Up To 8 SF Window Size, Paint Interior Wood Windows Including Trim	73.53	
				For Oil Based Paint, Add	4.01	
				For >5 To 10, Deduct	-3.68	
				For >10 To 25, Deduct	-7.35	
				For >25, Deduct	-11.03	
09 91 23 00-0277	EA			> 8 To 14 SF Window Size, Paint Interior Wood Windows Including Trim.....	87.47	
				For Oil Based Paint, Add	4.89	
				For >5 To 10, Deduct	-4.37	
				For >10 To 25, Deduct	-8.75	
				For >25, Deduct	-13.12	
09 91 23 00-0278	EA			> 14 To 20 SF Window Size, Paint Interior Wood Windows Including Trim.....	117.54	
				For Oil Based Paint, Add	6.62	
				For >5 To 10, Deduct	-5.88	
				For >10 To 25, Deduct	-11.75	
				For >25, Deduct	-17.63	
09 91 23 00-0279	EA			> 20 To 26 SF Window Size, Paint Interior Wood Windows Including Trim.....	132.32	
				For Oil Based Paint, Add	7.45	
				For >5 To 10, Deduct	-6.62	
				For >10 To 25, Deduct	-13.23	
				For >25, Deduct	-19.85	
09 91 23 00-0280	EA			> 26 To 34 SF Window Size, Paint Interior Wood Windows Including Trim.....	146.82	
				For Oil Based Paint, Add	8.26	
				For >5 To 10, Deduct	-7.34	
				For >10 To 25, Deduct	-14.68	
				For >25, Deduct	-22.02	
09 91 23 00-0281	SF			> 34 SF Window Size, Paint Interior Wood Windows Including Trim	4.92	
				For Oil Based Paint, Add	0.28	

09 91 23 00-0282 Paint Interior Security Screens (09 91 23 00-0234)

09 91 23 00-0283	SF			Paint Interior Security Screen, 1 Coat Primer, Brush/Roller Work	1.27	
				For Oil Based Paint, Add	0.07	
				For Electrostatic Painting, Add	0.15	

09 Finishes**09 90 Painting And Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0284	SF	Paint Interior Security Screen, 1 Coat Paint, Brush/Roller Work.....	1.35	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Electrostatic Painting, Add</i>	0.15	
09 91 23 00-0285	SF	Paint Interior Security Screen, 2 Coats Paint, Brush/Roller Work.....	2.22	
		<i>For Oil Based Paint, Add</i>	0.12	
		<i>For Electrostatic Painting, Add</i>	0.25	
09 91 23 00-0286		Paint Interior Window Guards (09 91 23 00-0234)		
09 91 23 00-0287	SF	Paint Interior Metal Window Guards, 1 Coat Primer, Brush/Roller Work	1.27	
		<i>For Oil Based Paint, Add</i>	0.07	
09 91 23 00-0288	SF	Paint Interior Metal Window Guards, 1 Coat Paint, Brush/Roller Work.....	1.35	
		<i>For Oil Based Paint, Add</i>	0.07	
09 91 23 00-0289	SF	Paint Interior Metal Window Guards, 2 Coats Paint, Brush/Roller Work.....	2.22	
		<i>For Oil Based Paint, Add</i>	0.12	
09 91 23 00-0290		Paint Interior Window Trim (09 91 23 00-0234)		
09 91 23 00-0291	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Primer, Brush/Roller Work.....	1.28	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.35	
09 91 23 00-0292	LF	Paint Interior Wood Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.28	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.35	
09 91 23 00-0293	LF	Paint Interior Wood Window Frame And Trim, 2 Coats Paint, Brush/Roller Work	1.48	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.43	
09 91 23 00-0294	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Primer, Brush/Roller Work	1.31	
		Note: Brush/roller work.		
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.36	
09 91 23 00-0295	LF	Paint Interior Metal Window Frame And Trim, 1 Coat Paint, Brush/Roller Work.....	1.31	
		Note: Brush/roller work.		
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.36	
09 91 23 00-0296	LF	Paint Interior Metal Window Frame And Trim, 2 Coats Paint, Brush/Roller Work.....	1.54	
		Note: Brush/roller work.		
		<i>For Painting One Face Of Frame Only, Deduct</i>	-0.45	
09 91 23 00-0297		Paint Interior Cabinets And Casework (09 91 23)		
09 91 23 00-0298		Paint Interior Wood Cabinets And Casework (09 91 23 00-0297)		
09 91 23 00-0299	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Paint, Brush/Roller Work	1.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0300	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 1 Coat Alkyd Or Latex Paint, Brush/Roller Work.....	1.48	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.22	
09 91 23 00-0301	SF	Paint Interior Wood Cabinets And Casework, 1 Coat Enamel Primer, 2 Coats Alkyd Or Latex Paint, Brush/Roller Work.....	2.33	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.23	
		<i>For >20,000, Deduct</i>	-0.35	
09 91 23 00-0302		Paint Exposed Metal Lockers (09 91 23 00-0297)		
09 91 23 00-0303	SF	Paint Exposed Metal Locker, 1 Coat Primer, Brush/Roller Work	1.17	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0304	SF	Paint Exposed Metal Locker, 1 Coat Alkyd Enamel, Brush/Roller Work.....	1.24	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0305	SF	Paint Exposed Metal Locker, 2 Coats Alkyd Enamel, Brush/Roller Work	2.26	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.23	
		<i>For >20,000, Deduct</i>	-0.34	
09 91 23 00-0306		Paint Interior Stairs (09 91 23)		
09 91 23 00-0307		Paint Interior Concrete Stairs (09 91 23 00-0306)		
		Note: Includes the riser and tread.		
09 91 23 00-0308	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	17.63	
09 91 23 00-0309	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	17.63	
09 91 23 00-0310	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	11.99	
		Note: Excludes riser.		
09 91 23 00-0311	RSR	Paint Interior Concrete Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	20.68	
		Note: Excludes riser.		
09 91 23 00-0312	RSR	Paint Interior Concrete Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	35.25	
09 91 23 00-0313		Paint Interior Metal Stairs (09 91 23 00-0306)		
		Note: Includes the riser and tread.		
09 91 23 00-0314	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	9.37	

09 91 23 00-0315	RSR	Paint Interior Metal Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work.....	9.00	
09 91 23 00-0316	RSR	Paint Interior Metal Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work.....	18.00	
09 91 23 00-0317 Paint Interior Wood Stairs (09 91 23 00-0306)				
Note: Includes the riser and tread.				
09 91 23 00-0318	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Primer, Brush/Roller Work	9.00	
09 91 23 00-0319	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Alkyd Enamel, Brush/Roller Work	9.00	
09 91 23 00-0320	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Paint, Brush/Roller Work	7.67	
Note: Excludes riser.				
09 91 23 00-0321	RSR	Paint Interior Wood Stair (To 4' Wide), 1 Coat Non Slip Epoxy Coating, Brush/Roller Work	16.36	
Note: Excludes riser.				
09 91 23 00-0322	RSR	Paint Interior Wood Stair (To 4' Wide), 2 Coats Alkyd Enamel, Brush/Roller Work	17.99	
09 91 23 00-0323 Paint Interior Stair Nosing (09 91 23 00-0306)				
09 91 23 00-0324	LF	Paint Interior Yellow Stair Safety Strip, Up To 2", Non Slip, Brush Work	1.32	
09 91 23 00-0325 Paint Interior Trim (09 91 23)				
09 91 23 00-0326 Paint Interior Metal Trim (09 91 23 00-0325)				
09 91 23 00-0327	SF	Paint Interior Exposed Metal Trim, 1 Coat Primer, Brush Work	1.22	
09 91 23 00-0328	SF	Paint Interior Exposed Metal Trim, 1 Coat Paint, Brush Work	1.22	
09 91 23 00-0329	SF	Paint Interior Exposed Metal Trim, 2 Coats Paint, Brush Work.....	2.18	
09 91 23 00-0330	SF	Paint Interior Metal Trim, 1 Coat Primer, Brush/Roller Work.....	1.22	
09 91 23 00-0331	SF	Paint Interior Metal Trim, 1 Coat Paint, Brush/Roller Work.....	1.22	
09 91 23 00-0332	SF	Paint Interior Metal Trim, 2 Coats Paint, Brush/Roller Work	2.18	
09 91 23 00-0333 Paint Interior Wood Trim (09 91 23 00-0325)				
09 91 23 00-0334	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Primer, Brush Work.....	0.66	
For Oil Based Paint, Add			0.04	
09 91 23 00-0335	LF	Paint Interior Wood Trim To 6" Wide, 1 Coat Paint, Brush Work.....	0.74	
For Oil Based Paint, Add			0.04	
09 91 23 00-0336	LF	Paint Interior Wood Trim To 6" Wide, 2 Coats Paint	1.54	
For Oil Based Paint, Add			0.08	
09 91 23 00-0337	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush Work	2.02	
For Oil Based Paint, Add			0.11	
09 91 23 00-0338	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush Work	2.24	
For Oil Based Paint, Add			0.12	
09 91 23 00-0339	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush Work.....	4.80	
For Oil Based Paint, Add			0.26	
09 91 23 00-0340	SF	Paint Interior Wood Trim, 1 Coat Primer, Brush/Roller Work.....	2.02	
For Oil Based Paint, Add			0.11	
09 91 23 00-0341	SF	Paint Interior Wood Trim, 1 Coat Paint, Brush/Roller Work	2.24	
For Oil Based Paint, Add			0.12	
09 91 23 00-0342	SF	Paint Interior Wood Trim, 2 Coats Paint, Brush/Roller Work.....	4.80	
For Oil Based Paint, Add			0.26	
09 91 23 00-0343 Paint Additives (09 91 23)				
09 91 23 00-0344	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
09 91 23 00-0345	SF	Class "B" Fire Rating, Fire Resistant Paint Additive	0.04	
For Class "A" Fire Rating, Add			0.04	
09 91 23 00-0346 Hand Painting Letters/Numbers (09 91 23)				
Note: Painting on walls, floors, poles, signs, etc.				
09 91 23 00-0347	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.05	
09 91 23 00-0348	EA	1" To 2" High, Hand Paint, Per Letter/Number.....	2.40	
09 91 23 00-0349	EA	2" To 3" High, Hand Paint, Per Letter/Number.....	3.65	
09 91 23 00-0350	EA	3" To 4" High, Hand Paint, Per Letter/Number.....	4.47	
09 91 23 00-0351	EA	4" To 6" High, Hand Paint, Per Letter/Number.....	6.17	
09 91 23 00-0352	EA	6" To 12" High, Hand Paint, Per Letter/Number.....	7.81	
09 91 23 00-0353	EA	Over 12" High, Hand Paint, Per Letter/Number	9.16	
09 91 23 00-0354 Glove/Mitt Application (09 91 23)				
09 91 23 00-0355 Conduit/Pipe (09 91 23 00-0354)				
09 91 23 00-0356	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt.....	39.01	
09 91 23 00-0357	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt.....	60.70	
09 91 23 00-0358	CSF	Enamel, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	47.25	
09 91 23 00-0359	CSF	Enamel, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt.....	38.19	
09 91 23 00-0360	CSF	Epoxy Coating, First Coat Conduit Or Pipe With Glove/Mitt	70.19	
09 91 23 00-0361	CSF	Epoxy Coating, Second Coat Conduit Or Pipe With Glove/Mitt	64.37	
09 91 23 00-0362 Ductwork (09 91 23 00-0354)				
09 91 23 00-0363	CSF	Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt.....	39.01	
09 91 23 00-0364	CSF	Metal Primer Ductwork With Glove/Mitt	50.17	
09 91 23 00-0365	CSF	Enamel, Oil Base Paint Ductwork With Glove/Mitt.....	42.94	
09 91 23 00-0366	CSF	Epoxy Coating, First Coat Ductwork With Glove/Mitt.....	67.80	
09 91 23 00-0367	CSF	Epoxy Coating, Second Coat Ductwork With Glove/Mitt.....	58.48	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0368 Stencil Painting Letters/Numbers <small>(09 91 23)</small>		
Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0369	EA Up To 1" High, Stencil Painting, Per Letter/Number	1.67
	For >200 To 500, Deduct	-0.13
	For >500 To 1,000, Deduct	-0.21
	For >1,000 To 2,000, Deduct	-0.27
	For >2,000, Deduct	-0.33
09 91 23 00-0370	EA 1" To 2" High, Stencil Painting, Per Letter/Number	1.94
	For >200 To 500, Deduct	-0.16
	For >500 To 1,000, Deduct	-0.24
	For >1,000 To 2,000, Deduct	-0.31
	For >2,000, Deduct	-0.39
09 91 23 00-0371	EA 2" To 3" High, Stencil Painting, Per Letter/Number	3.30
	For >200 To 500, Deduct	-0.26
	For >500 To 1,000, Deduct	-0.41
	For >1,000 To 2,000, Deduct	-0.53
	For >2,000, Deduct	-0.66
09 91 23 00-0372	EA 3" To 4" High, Stencil Painting, Per Letter/Number	4.04
	For >200 To 500, Deduct	-0.32
	For >500 To 1,000, Deduct	-0.51
	For >1,000 To 2,000, Deduct	-0.65
	For >2,000, Deduct	-0.81
09 91 23 00-0373	EA 4" To 6" High, Stencil Painting, Per Letter/Number	5.56
	For >200 To 500, Deduct	-0.44
	For >500 To 1,000, Deduct	-0.70
	For >1,000 To 2,000, Deduct	-0.89
	For >2,000, Deduct	-1.11
09 91 23 00-0374	EA 6" To 12" High, Stencil Painting, Per Letter/Number	7.39
	For >200 To 500, Deduct	-0.59
	For >500 To 1,000, Deduct	-0.92
	For >1,000 To 2,000, Deduct	-1.18
	For >2,000, Deduct	-1.48
09 91 23 00-0375	EA Over 12" High, Stencil Painting, Per Letter/Number	8.72
	For >200 To 500, Deduct	-0.70
	For >500 To 1,000, Deduct	-1.09
	For >1,000 To 2,000, Deduct	-1.40
	For >2,000, Deduct	-1.74
09 91 23 00-0376 Logo Painting <small>(09 91 23)</small>		
09 91 23 00-0377	SF Paint Logo (Simple Design)	32.25
09 91 23 00-0378	SF Paint Logo (Complex Design)	37.89
09 91 23 00-0379 Paint Interior Miscellaneous Metal Surfaces <small>(09 91 23)</small>		
09 91 23 00-0380	SF Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Brush/Roller Work	0.64
	For Electrostatic Painting, Add	0.08
	For Up To 100, Add	0.42
	For >100 To 250, Add	0.20
	For >250 To 500, Add	0.09
	For >2,500 To 5,000, Deduct	-0.03
	For >5,000 To 10,000, Deduct	-0.06
	For >10,000 To 20,000, Deduct	-0.10
	For >20,000, Deduct	-0.13
09 91 23 00-0381	SF Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd Enamel, Brush/Roller Work	0.88
	For Electrostatic Painting, Add	0.10
	For Up To 100, Add	0.60
	For >100 To 250, Add	0.28
	For >250 To 500, Add	0.12
	For >2,500 To 5,000, Deduct	-0.04
	For >5,000 To 10,000, Deduct	-0.09
	For >10,000 To 20,000, Deduct	-0.13
	For >20,000, Deduct	-0.18
09 91 23 00-0382	SF Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd Enamel, Brush/Roller Work	1.36
	For Electrostatic Painting, Add	0.16
	For Up To 100, Add	0.93
	For >100 To 250, Add	0.44
	For >250 To 500, Add	0.19
	For >2,500 To 5,000, Deduct	-0.07
	For >5,000 To 10,000, Deduct	-0.14
	For >10,000 To 20,000, Deduct	-0.20
	For >20,000, Deduct	-0.27
09 91 23 00-0383	SF Paint Interior Miscellaneous Metal Surfaces, 1 Coat Primer, Sprayed	0.75
	For Electrostatic Painting, Add	0.09
	For Up To 100, Add	0.50
	For >100 To 250, Add	0.24
	For >250 To 500, Add	0.10
	For >2,500 To 5,000, Deduct	-0.04
	For >5,000 To 10,000, Deduct	-0.08
	For >10,000 To 20,000, Deduct	-0.11
	For >20,000, Deduct	-0.15

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

09 91 23 00-0384 SF Paint Interior Miscellaneous Metal Surfaces, 1 Coat Alkyd, Sprayed	0.75	
<i>For Electrostatic Painting, Add</i>	0.09	
<i>For Up To 100, Add</i>	0.50	
<i>For >100 To 250, Add</i>	0.24	
<i>For >250 To 500, Add</i>	0.10	
<i>For >2,500 To 5,000, Deduct</i>	-0.04	
<i>For >5,000 To 10,000, Deduct</i>	-0.08	
<i>For >10,000 To 20,000, Deduct</i>	-0.11	
<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0385 SF Paint Interior Miscellaneous Metal Surfaces, 2 Coats Alkyd, Sprayed.....	1.15	
<i>For Electrostatic Painting, Add</i>	0.14	
<i>For Up To 100, Add</i>	0.76	
<i>For >100 To 250, Add</i>	0.36	
<i>For >250 To 500, Add</i>	0.16	
<i>For >2,500 To 5,000, Deduct</i>	-0.06	
<i>For >5,000 To 10,000, Deduct</i>	-0.12	
<i>For >10,000 To 20,000, Deduct</i>	-0.17	
<i>For >20,000, Deduct</i>	-0.23	

09 91 33 Painting Materials (09 91)

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

09 91 33 00-0001 Primer (09 91 33)

09 91 33 00-0002 GAL Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	25.10	
09 91 33 00-0003 GAL Alkyd Wood Primer, Exterior, 400 SF Per Gallon	24.61	
09 91 33 00-0004 GAL Prime Coat Oil Wood Primer, 310 SF Per Gallon.....	31.21	
09 91 33 00-0005 GAL Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	57.43	
09 91 33 00-0006 EA Cement Base Primer, 25 LB Sack	25.74	
09 91 33 00-0007 GAL Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon	39.68	
09 91 33 00-0008 GAL Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	31.85	
09 91 33 00-0009 GAL Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon.....	24.61	
09 91 33 00-0010 GAL Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	22.36	
09 91 33 00-0011 GAL Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon	39.42	
09 91 33 00-0012 GAL Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon	32.82	
09 91 33 00-0013 GAL Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	32.82	
09 91 33 00-0014 GAL Latex Wood Primer, Exterior, 300 SF Per Gallon	37.00	
09 91 33 00-0015 GAL Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon.....	24.13	
09 91 33 00-0016 GAL Red Alkyd Primer, 500 SF Per Gallon	42.95	
09 91 33 00-0017 GAL Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon	25.74	
09 91 33 00-0018 GAL Zinc Chromate Primer, 300 SF Per Gallon	20.59	
09 91 33 00-0019 GAL Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	53.25	
09 91 33 00-0020 GAL Stain Killer, Alcohol Base.....	33.21	
09 91 33 00-0021 GAL Sealer, Primer Kilz, 400 SF Per Gallon.....	37.47	

09 91 33 00-0022 Paint (09 91 33)

09 91 33 00-0023 GAL Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon.....	18.02	
09 91 33 00-0024 GAL Acrylic Urethane Sealer	89.34	
09 91 33 00-0025 GAL Asphalt-Fiber Roof And Foundation Coating, Solvent Type	9.65	
Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.		
09 91 33 00-0026 GAL Concrete Enamel Epoxy, 350 SF Per Gallon.....	55.82	
09 91 33 00-0027 GAL Concrete Acrylic Sealer, 400 SF Per Gallon.....	29.28	
09 91 33 00-0028 GAL Driveway Coating, Tar Emulsion, 120 SF Per Gallon	9.65	
09 91 33 00-0029 GAL Driveway Coating, Acrylic Latex, 250 SF Per Gallon	14.64	
09 91 33 00-0030 GAL Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon.....	29.60	
09 91 33 00-0031 GAL Exterior, Oil Base, Gloss, 400 SF Per Gallon	39.42	
09 91 33 00-0032 GAL Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon.....	32.18	
09 91 33 00-0033 GAL Exterior, Oil Base, Flat.....	29.49	
09 91 33 00-0034 GAL Exterior, Latex, Semi-Gloss, 400 SF Per Gallon.....	27.99	
09 91 33 00-0035 GAL Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon.....	32.98	
09 91 33 00-0036 GAL Exterior, Latex Flat Paint, 300 SF Per Gallon	29.28	
09 91 33 00-0037 GAL Exterior, Latex Gloss Enamel, Water Base.....	41.68	
09 91 33 00-0038 GAL Cold Galvanizing Paint	175.91	
09 91 33 00-0039 GAL High Heat Paint.....	60.81	
09 91 33 00-0040 GAL Heat Resistant Paint.....	40.54	
09 91 33 00-0041 GAL Zinc Chromate Paint.....	36.68	
09 91 33 00-0042 QT Anti-Rust Enamel, 500 SF Per Quart.....	14.48	
09 91 33 00-0043 GAL Rust Inhibitor, Ferrous Metal.....	40.54	
09 91 33 00-0044 GAL Masonry Waterproofing, 100 SF Per Gallon	29.28	
09 91 33 00-0045 GAL Alkyd Latex, Black	27.35	
09 91 33 00-0046 GAL Alkyd Latex, White	27.35	
09 91 33 00-0047 GAL Alkyd Latex, Colors.....	32.98	
09 91 33 00-0048 QT Wrought Iron Paint, Black.....	37.00	
09 91 33 00-0049 GAL Vinyl Paint.....	49.23	
09 91 33 00-0050 GAL Silicone Alkyd	59.85	
09 91 33 00-0051 GAL 2 Component Solvent Based Acrylic Epoxy.....	60.81	
09 91 33 00-0052 GAL 2 Component Solvent Based Polyester Epoxy	76.26	
09 91 33 00-0053 GAL Chlorinated Rubber.....	55.99	
09 91 33 00-0054 GAL Polyamide Epoxy Sealer.....	57.92	
09 91 33 00-0055 GAL Coal Tar Epoxy	41.51	
09 91 33 00-0056 GAL Swimming Pool Enamel, 350 SF Per Gallon.....	51.80	
09 91 33 00-0057 GAL Swimming Pool Epoxy Or Urethane Base	67.57	
09 91 33 00-0058 GAL Swimming Pool Rubber Base	46.33	
09 91 33 00-0059 GAL Interior, Latex Flat Paint, 300 SF Per Gallon	29.44	
09 91 33 00-0060 GAL Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon	32.98	
09 91 33 00-0061 GAL Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon.....	60.33	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 33 00-0062	GAL Interior, Ceiling White Latex Flat, 350 SF Per Gallon.....	20.43
09 91 33 00-0063	GAL Linseed Oil.....	17.86
09 91 33 00-0064	GAL Latex Floor Paint, 300 SF Per Gallon	29.28
09 91 33 00-0065	GAL Acrylic Floor Paint, 400 SF Per Gallon.....	32.98
09 91 33 00-0066	GAL Texture Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon.....	30.16
09 91 33 00-0067	GAL Acoustic Spray-On Texture, Finish	24.24

09 91 33 00-0068 Stain, Varnish (09 91 33)

09 91 33 00-0069	GAL Thompson Water Sealer, 150 SF Per Gallon.....	16.73
09 91 33 00-0070	GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon.....	31.21
09 91 33 00-0071	GAL Redwood Oil Stain, 300 SF Per Gallon.....	27.83
09 91 33 00-0072	GAL Varnish, Clear	19.44
09 91 33 00-0073	GAL Penetrating Water-Repellent Stain.....	14.12
09 91 33 00-0074	GAL Redwood Hue Or Clear Stain	12.62
09 91 33 00-0075	GAL Polyurethane.....	22.15
09 91 33 00-0076	GAL Lacquer, Semi-Gloss	29.37
09 91 33 00-0077	GAL Shellac, Clear.....	38.52
09 91 33 00-0078	GAL Acetone.....	12.71
09 91 33 00-0079	GAL Paint Thinner.....	3.14
09 91 33 00-0080	GAL Shellac Or Lacquer Thinner	12.87
09 91 33 00-0081	GAL Turpentine.....	17.70
09 91 33 00-0082	GAL Wood Filler Paste.....	30.24
09 91 33 00-0083	GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	24.13

09 91 43 Surface Preparation (09 91)

Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.

09 91 43 00-0001 Cleaning And Preparation Of Painted And Unpainted Surfaces (09 91 43)

Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Sand blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment.

09 91 43 00-0002 Concrete And Masonry Surfaces, Surface Preparation (09 91 43 00-0001)

09 91 43 00-0003	SF Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.38
	For Up To 100, Add	0.66
	For >100 To 250, Add	0.17
	For >250 To 500, Add	0.08
	For >5,000 To 10,000, Deduct	-0.02
	For >10,000 To 15,000, Deduct	-0.04
	For >15,000 To 30,000, Deduct	-0.06
	For >30,000, Deduct	-0.07
09 91 43 00-0004	SF Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.61
	For Up To 100, Add	1.04
	For >100 To 250, Add	0.26
	For >250 To 500, Add	0.13
	For >5,000 To 10,000, Deduct	-0.03
	For >10,000 To 15,000, Deduct	-0.06
	For >15,000 To 30,000, Deduct	-0.09
	For >30,000, Deduct	-0.12
09 91 43 00-0005	SF Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation.....	0.64
	For Up To 100, Add	1.28
	For >100 To 250, Add	0.32
	For >250 To 500, Add	0.16
	For >5,000 To 10,000, Deduct	-0.03
	For >10,000 To 15,000, Deduct	-0.06
	For >15,000 To 30,000, Deduct	-0.10
	For >30,000, Deduct	-0.13
09 91 43 00-0006	SF Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.61
	For Up To 100, Add	1.06
	For >100 To 250, Add	0.27
	For >250 To 500, Add	0.13
	For >5,000 To 10,000, Deduct	-0.03
	For >10,000 To 15,000, Deduct	-0.06
	For >15,000 To 30,000, Deduct	-0.09
	For >30,000, Deduct	-0.12
09 91 43 00-0007	SF Up To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation.....	0.39
	For Up To 100, Add	0.64
	For >100 To 250, Add	0.16
	For >250 To 500, Add	0.08
	For >5,000 To 10,000, Deduct	-0.02
	For >10,000 To 15,000, Deduct	-0.04
	For >15,000 To 30,000, Deduct	-0.06
	For >30,000, Deduct	-0.07
09 91 43 00-0008	SF 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.12
	For Up To 100, Add	2.04
	For >100 To 250, Add	0.51
	For >250 To 500, Add	0.26
	For >5,000 To 10,000, Deduct	-0.05
	For >10,000 To 15,000, Deduct	-0.11
	For >15,000 To 30,000, Deduct	-0.17
	For >30,000, Deduct	-0.22

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

09 91 43 00-0009	SF			30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation	1.89	
				For Up To 100, Add	3.58	
				For >100 To 250, Add	0.90	
				For >250 To 500, Add	0.45	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 15,000, Deduct	-0.19	
				For >15,000 To 30,000, Deduct	-0.28	
				For >30,000, Deduct	-0.37	
09 91 43 00-0010	SF			Sand Blasting, Concrete And Masonry Surfaces, Surface Preparation	2.35	
				For Heavy Condition Where Multiple Pass Is Required, Add	1.18	
				For Up To 100, Add	4.24	
				For >100 To 250, Add	1.06	
				For >250 To 500, Add	0.53	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 15,000, Deduct	-0.23	
				For >15,000 To 30,000, Deduct	-0.35	
				For >30,000, Deduct	-0.46	

09 91 43 00-0011 Drywall (09 91 43 00-0001)

Note: Patch holes other than nail/screw holes and greater than 1/2" diameter.

09 91 43 00-0012	SF			Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping).....	0.30	
				For Up To 100, Add	0.60	
				For >100 To 250, Add	0.15	
				For >250 To 500, Add	0.08	
09 91 43 00-0013	SF			Hand Wash, Minor Repair And Light Sanding Drywall Surfaces.....	0.53	
				For Up To 100, Add	1.06	
				For >100 To 250, Add	0.27	
				For >250 To 500, Add	0.13	
09 91 43 00-0014	SF			Scrape, Repair And Sand Severely Damaged Drywall Surfaces.....	0.97	
				For Up To 100, Add	1.84	
				For >100 To 250, Add	0.46	
				For >250 To 500, Add	0.23	

09 91 43 00-0015 Metal Surfaces, Surface Preparation (09 91 43 00-0001)

09 91 43 00-0016	SF			Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation	0.61	
				For Up To 100, Add	0.39	
				For >100 To 250, Add	0.18	
				For >250 To 500, Add	0.08	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.06	
				For >15,000 To 30,000, Deduct	-0.09	
				For >30,000, Deduct	-0.12	
09 91 43 00-0017	SF			Hand Scraping And Sanding, Metal Surfaces, Surface Preparation	0.64	
				For Up To 100, Add	0.48	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.10	
				For >5,000 To 10,000, Deduct	-0.03	
				For >10,000 To 15,000, Deduct	-0.06	
				For >15,000 To 30,000, Deduct	-0.10	
				For >30,000, Deduct	-0.13	
09 91 43 00-0018	SF			Up To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.37	
				For Up To 100, Add	0.24	
				For >100 To 250, Add	0.11	
				For >250 To 500, Add	0.05	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.04	
				For >15,000 To 30,000, Deduct	-0.05	
				For >30,000, Deduct	-0.07	
09 91 43 00-0019	SF			Power Tool Cleaning, Metal Surfaces, Surface Preparation.....	1.07	
				For Up To 100, Add	0.80	
				For >100 To 250, Add	0.37	
				For >250 To 500, Add	0.16	
				For >5,000 To 10,000, Deduct	-0.05	
				For >10,000 To 15,000, Deduct	-0.11	
				For >15,000 To 30,000, Deduct	-0.16	
				For >30,000, Deduct	-0.21	
09 91 43 00-0020	SF			Steam Cleaning, Metal Surfaces, Surface Preparation.....	0.38	
				For Up To 100, Add	0.23	
				For >100 To 250, Add	0.11	
				For >250 To 500, Add	0.05	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 15,000, Deduct	-0.03	
				For >15,000 To 30,000, Deduct	-0.05	
				For >30,000, Deduct	-0.07	
09 91 43 00-0021	SF			Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation.....	0.79	
				For Up To 100, Add	0.52	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.10	
				For >5,000 To 10,000, Deduct	-0.04	
				For >10,000 To 15,000, Deduct	-0.08	
				For >15,000 To 30,000, Deduct	-0.12	
				For >30,000, Deduct	-0.15	

09 Finishes

09 90 Painting And Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 43 00-0022	SF	Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.06	
		For Up To 100, Add	0.68	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 15,000, Deduct	-0.10	
		For >15,000 To 30,000, Deduct	-0.15	
		For >30,000, Deduct	-0.20	
09 91 43 00-0023	SF	Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.59	
		For Up To 100, Add	1.04	
		For >100 To 250, Add	0.48	
		For >250 To 500, Add	0.21	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 15,000, Deduct	-0.15	
		For >15,000 To 30,000, Deduct	-0.23	
		For >30,000, Deduct	-0.31	
09 91 43 00-0024	SF	Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation.....	2.64	
		For Up To 100, Add	1.72	
		For >100 To 250, Add	0.80	
		For >250 To 500, Add	0.34	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 15,000, Deduct	-0.25	
		For >15,000 To 30,000, Deduct	-0.39	
		For >30,000, Deduct	-0.51	
09 91 43 00-0025	SF	Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation.....	2.00	
		For Up To 100, Add	1.29	
		For >100 To 250, Add	0.60	
		For >250 To 500, Add	0.26	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 15,000, Deduct	-0.19	
		For >15,000 To 30,000, Deduct	-0.29	
		For >30,000, Deduct	-0.39	
09 91 43 00-0026	SF	Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.48	
		For Up To 100, Add	1.59	
		For >100 To 250, Add	0.74	
		For >250 To 500, Add	0.32	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 15,000, Deduct	-0.23	
		For >15,000 To 30,000, Deduct	-0.36	
		For >30,000, Deduct	-0.48	
09 91 43 00-0027	SF	Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.21	
		For Up To 100, Add	2.06	
		For >100 To 250, Add	0.96	
		For >250 To 500, Add	0.41	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 15,000, Deduct	-0.30	
		For >15,000 To 30,000, Deduct	-0.47	
		For >30,000, Deduct	-0.62	
09 91 43 00-0028	SF	Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation.....	4.02	
		For Up To 100, Add	2.58	
		For >100 To 250, Add	1.20	
		For >250 To 500, Add	0.52	
		For >5,000 To 10,000, Deduct	-0.19	
		For >10,000 To 15,000, Deduct	-0.38	
		For >15,000 To 30,000, Deduct	-0.59	
		For >30,000, Deduct	-0.78	

09 91 43 00-0029 Tile Surfaces (09 91 43 00-0001)

09 91 43 00-0030	SF	Alkaline Cleaner, Brush And Wash Tile Surface	0.34	
		For Up To 100, Add	0.26	
		For >100 To 250, Add	0.12	
		For >250 To 500, Add	0.05	
		For >5,000 To 10,000, Deduct	-0.02	
		For >10,000 To 15,000, Deduct	-0.03	
		For >15,000 To 30,000, Deduct	-0.05	
		For >30,000, Deduct	-0.07	
09 91 43 00-0031	SF	Up To 5,000 PSI, Pressure Wash Tile Surface	0.27	
		For Up To 100, Add	0.18	
		For >100 To 250, Add	0.08	
		For >250 To 500, Add	0.04	
		For >5,000 To 10,000, Deduct	-0.01	
		For >10,000 To 15,000, Deduct	-0.03	
		For >15,000 To 30,000, Deduct	-0.04	
		For >30,000, Deduct	-0.05	

09 91 43 00-0032 Wood Surfaces (09 91 43 00-0001)

09 91 43 00-0033	SF	Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.03	
		For Up To 100, Add	0.75	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >4,000, Deduct	-0.05	
		For Up To 100, Add	0.74	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 15,000, Deduct	-0.10	
		For >15,000 To 30,000, Deduct	-0.15	
		For >30,000, Deduct	-0.20	

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

09 91 43 00-0034	SF	Chemical Clean, Brush And Wash Wood Surface	0.49		
		For Up To 100, Add	0.30		
		For >100 To 250, Add	0.14		
		For >250 To 500, Add	0.06		
		For >5,000 To 10,000, Deduct	-0.02		
		For >10,000 To 15,000, Deduct	-0.05		
		For >15,000 To 30,000, Deduct	-0.07		
		For >30,000, Deduct	-0.09		
09 91 43 00-0035	SF	Hand Scrape Wood Surface	0.67		
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.07		
		For >15,000 To 30,000, Deduct	-0.10		
		For >30,000, Deduct	-0.13		
09 91 43 00-0036	SF	Steam Clean Wood Surface	0.60		
		For Up To 100, Add	0.39		
		For >100 To 250, Add	0.18		
		For >250 To 500, Add	0.08		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.06		
		For >15,000 To 30,000, Deduct	-0.09		
		For >30,000, Deduct	-0.12		
09 91 43 00-0037	SF	Up To 5,000 PSI, Pressure Wash Wood Surface	0.41		
		For Up To 100, Add	0.27		
		For >100 To 250, Add	0.13		
		For >250 To 500, Add	0.05		
		For >5,000 To 10,000, Deduct	-0.02		
		For >10,000 To 15,000, Deduct	-0.04		
		For >15,000 To 30,000, Deduct	-0.06		
		For >30,000, Deduct	-0.08		
09 91 43 00-0038	SF	Sanding Wood Paneling, Boards, Doors, Etcetera	0.71		
		For Up To 100, Add	0.50		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.07		
		For >15,000 To 30,000, Deduct	-0.11		
		For >30,000, Deduct	-0.14		
09 91 43 00-0039	SF	Sanding Wood Trim	0.96		
		For Up To 100, Add	0.69		
		For >100 To 250, Add	0.32		
		For >250 To 500, Add	0.14		
		For >5,000 To 10,000, Deduct	-0.05		
		For >10,000 To 15,000, Deduct	-0.09		
		For >15,000 To 30,000, Deduct	-0.14		
		For >30,000, Deduct	-0.19		
09 91 43 00-0040	SF	Prime Wood Surfaces With Linseed Oil, 1 Coat	0.62		
		For Up To 100, Add	0.41		
		For >100 To 250, Add	0.19		
		For >250 To 500, Add	0.08		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.06		
		For >15,000 To 30,000, Deduct	-0.09		
		For >30,000, Deduct	-0.12		
09 91 43 00-0041	SF	Paint Wood Surfaces With Linseed Oil, 1 Coat	0.72		
		For Up To 100, Add	0.49		
		For >100 To 250, Add	0.23		
		For >250 To 500, Add	0.10		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.07		
		For >15,000 To 30,000, Deduct	-0.11		
		For >30,000, Deduct	-0.14		

09 91 43 00-0042 Vinyl Siding Surfaces (09 91 43 00-0001)

09 91 43 00-0043	SF	Hand Wash, Vinyl Siding Surfaces	0.55		
		For Up To 100, Add	0.40		
		For >100 To 250, Add	0.19		
		For >250 To 500, Add	0.08		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.05		
		For >15,000 To 30,000, Deduct	-0.08		
		For >30,000, Deduct	-0.11		
09 91 43 00-0044	SF	Up To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces	0.34		
		For Up To 100, Add	0.21		
		For >100 To 250, Add	0.10		
		For >250 To 500, Add	0.04		
		For >5,000 To 10,000, Deduct	-0.02		
		For >10,000 To 15,000, Deduct	-0.03		
		For >15,000 To 30,000, Deduct	-0.05		
		For >30,000, Deduct	-0.07		
09 91 43 00-0045	SF	Steam Clean, Vinyl Siding Surfaces	0.62		
		For Up To 100, Add	0.39		
		For >100 To 250, Add	0.18		
		For >250 To 500, Add	0.08		
		For >5,000 To 10,000, Deduct	-0.03		
		For >10,000 To 15,000, Deduct	-0.06		
		For >15,000 To 30,000, Deduct	-0.09		
		For >30,000, Deduct	-0.12		

09 Finishes**09 90 Painting And Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 43 00-0046	Prep Work <small>(09 91 43 00-0001)</small>		
09 91 43 00-0047	SF Citrus Strip, Single Applications.....		0.89
09 91 43 00-0048	Plaster/Stucco <small>(09 91 43 00-0001)</small>		
	Note: Based on total project quantity.		
09 91 43 00-0049	SF Up To 5,000 PSI Pressure Wash Stucco Surfaces.....		0.44
	For Up To 100, Add	0.28	
	For >100 To 250, Add	0.13	
	For >250 To 500, Add	0.06	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 15,000, Deduct	-0.04	
	For >15,000 To 30,000, Deduct	-0.06	
	For >30,000, Deduct	-0.08	
09 91 43 00-0050	Paint Removal, Strip To Bare Wood <small>(09 91 43 00-0001)</small>		
09 91 43 00-0051	SF Flat Surfaces, Paint Removal, Strip To Bare Wood.....		6.38
09 91 43 00-0052	SF Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood.....		6.81
09 93	Staining And Transparent Finishing <small>(09 90)</small>		
	Note: Includes light sanding or screening between coats.		
09 93 13	Exterior Staining And Finishing <small>(09 93)</small>		
09 93 13 13	Exterior Staining <small>(09 93 13)</small>		
09 93 13 13-0001	Stain Sealer <small>(09 93 13 13)</small>		
	Note: Measured by surface area of wall or ceiling.		
09 93 13 13-0002	SF Stain Sealer, Brush Work.....		0.78
	For Ceiling Work, Add	0.11	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.04	
	For >20,000, Deduct	-0.06	
09 93 13 13-0003	SF Stain Sealer, Brush/Roller Work.....		0.62
	For Ceiling Work, Add	0.08	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.05	
09 93 13 13-0004	SF Stain Sealer, Sprayed.....		0.23
	For Ceiling Work, Add	0.03	
	For >5,000 To 10,000, Deduct	-0.01	
	For >10,000 To 20,000, Deduct	-0.01	
	For >20,000, Deduct	-0.02	
09 93 23	Interior Staining And Finishing <small>(09 93)</small>		
	Note: VOC compliant in all regulated areas, review specifications for levels.		
09 93 23 53	Interior Finishing <small>(09 93 23)</small>		
09 93 23 53-0001	Concrete Finishes <small>(09 93 23 53)</small>		
09 93 23 53-0002	SF Finish Concrete Floor, 1 Coat Polyurethane.....		0.64
	For Up To 100, Add	0.41	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >4,000, Deduct	-0.03	
09 93 23 53-0003	Wood Trim Finishes <small>(09 93 23 53)</small>		
09 93 23 53-0004	LF Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....		0.96
	For Up To 100, Add	0.70	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >4,000, Deduct	-0.05	
09 93 23 53-0005	SF Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....		1.42
	For Up To 100, Add	1.03	
	For >100 To 250, Add	0.48	
	For >250 To 500, Add	0.21	
	For >4,000, Deduct	-0.07	
09 93 23 53-0006	SF Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane.....		1.13
	For Up To 100, Add	0.79	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >4,000, Deduct	-0.06	
09 93 23 53-0007	SF Finish Wood Trim, 1 Coat Varnish Or Polyurethane.....		0.77
	For Up To 100, Add	0.55	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >4,000, Deduct	-0.04	
09 93 23 53-0008	Wood Floor Finishes <small>(09 93 23 53)</small>		

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

09 93 23 53-0009	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.41		
		<i>For Up To 100, Add</i>	0.27		
		<i>For >100 To 250, Add</i>	0.13		
		<i>For >250 To 500, Add</i>	0.06		
		<i>For >4,000, Deduct</i>	-0.02		
09 93 23 53-0010	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.30		
		<i>For Up To 100, Add</i>	0.19		
		<i>For >100 To 250, Add</i>	0.09		
		<i>For >250 To 500, Add</i>	0.04		
		<i>For >4,000, Deduct</i>	-0.02		
09 93 23 53-0011	SF	Refinish Wood Floor, 2 Coats Polyurethane.....	2.18		
		Note: Includes sanding existing floor.			
		<i>For Up To 100, Add</i>	1.57		
		<i>For >100 To 250, Add</i>	0.74		
		<i>For >250 To 500, Add</i>	0.32		
		<i>For >4,000, Deduct</i>	-0.11		
09 93 23 53-0012	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.57		
		Note: Includes screening between coats.			
		<i>For Up To 100, Add</i>	0.40		
		<i>For >100 To 250, Add</i>	0.19		
		<i>For >250 To 500, Add</i>	0.08		
		<i>For >4,000, Deduct</i>	-0.03		
09 93 23 53-0013	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	2.48		
		Note: Includes sanding existing floor.			
		<i>For Up To 100, Add</i>	1.77		
		<i>For >100 To 250, Add</i>	0.83		
		<i>For >250 To 500, Add</i>	0.36		
		<i>For >4,000, Deduct</i>	-0.12		
09 93 23 53-0014	Wood Door And Window Finishes (09 93 23 53)				
	See CSI section 08 14 16 00-0175 for factory finish.				
09 93 23 53-0015	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face).....	46.77		
		<i>For Up To 4, Add</i>	34.54		
		<i>For >4 To 10, Add</i>	16.14		
		<i>For >10 To 20, Add</i>	6.93		
		<i>For >160, Deduct</i>	-2.34		
09 93 23 53-0016	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	32.76		
		<i>For Up To 4, Add</i>	23.78		
		<i>For >4 To 10, Add</i>	11.14		
		<i>For >10 To 20, Add</i>	4.78		
		<i>For >160, Deduct</i>	-1.64		
09 93 23 53-0017	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	33.81		
		<i>For Up To 4, Add</i>	24.89		
		<i>For >4 To 10, Add</i>	11.64		
		<i>For >10 To 20, Add</i>	4.99		
		<i>For >160, Deduct</i>	-1.69		
09 93 23 53-0018	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	101.74		
		<i>For Up To 4, Add</i>	74.16		
		<i>For >4 To 10, Add</i>	34.71		
		<i>For >10 To 20, Add</i>	14.90		
		<i>For >160, Deduct</i>	-5.09		
09 93 23 53-0019	Cabinet Finishes (09 93 23 53)				
09 93 23 53-0020	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.16		
09 93 23 53-0021	SF	Stain Cabinet, 1 Coat Shellac, Varnish Or Polyurethane.....	1.16		
09 93 23 53-0022	Gym, Stage And Dance Floor Finishes (09 93 23 53)				
09 93 23 53-0023	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor	1.43		
		Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.			
09 93 23 53-0024	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor	3.31		
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07		
09 93 23 53-0025	SF	Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor	3.40		
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07		
09 93 23 53-0026	SF	Finish New High School Wood Gym, Stage Or Dance Floor	3.47		
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07		
09 93 23 53-0027	SF	Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor.....	3.31		
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07		
09 93 23 53-0028	SF	Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor.....	3.40		
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.			
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07		

09 Finishes

09 90 Painting And Coating

09 93 Staining And Transparent Finishing

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 93 23 53-0029	SF	Refinish Existing High School Wood Gym, Stage Or Dance Floor.....	3.47
		Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.	
		<i>For Stage Or Dance Floors, Deduct</i>	-0.07

09 94 Decorative Finishing (09 90)

09 94 13 Textured Finishing (09 94)

09 94 13 00-0001	SF	Textured Metallic Paint (Scufmaster Envirometal).....	1.92
		<i>For Up To 100, Add</i>	0.84
		<i>For >100 To 250, Add</i>	0.42
		<i>For >250 To 500, Add</i>	0.19

09 96 High-Performance Coatings (09 90)

09 96 23 Graffiti-Resistant Coatings (09 96)

09 96 23 00-0001 Anti-Graffiti Painting (09 96 23)

09 96 23 00-0002	SF	Anti-Graffiti Coating System, 1 Coat, Concrete Surface	1.57
		<i>For Up To 100, Add</i>	0.79
		<i>For >100 To 250, Add</i>	0.39
		<i>For >250 To 500, Add</i>	0.17
09 96 23 00-0003	SF	Anti-Graffiti Coating System, 1 Coat, Brick Or Block.....	1.61
		<i>For Up To 100, Add</i>	0.79
		<i>For >100 To 250, Add</i>	0.39
		<i>For >250 To 500, Add</i>	0.17
09 96 23 00-0004	SF	Anti-Graffiti Coating System, 1 Coat, Tile	1.34
		<i>For Up To 100, Add</i>	0.75
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.16
09 96 23 00-0005	SF	Anti-Graffiti Coating System, 1 Coat, Metal Or Steel	1.30
		<i>For Up To 100, Add</i>	0.75
		<i>For >100 To 250, Add</i>	0.36
		<i>For >250 To 500, Add</i>	0.16
09 96 23 00-0006	SF	Anti-Graffiti Coating System, 1 Coat, Wood.....	1.57
		<i>For Up To 100, Add</i>	0.79
		<i>For >100 To 250, Add</i>	0.39
		<i>For >250 To 500, Add</i>	0.17
09 96 23 00-0007	SF	Anti-Graffiti Coating System, 1 Coat, Painted Surface.....	1.42
		<i>For Up To 100, Add</i>	0.77
		<i>For >100 To 250, Add</i>	0.37
		<i>For >250 To 500, Add</i>	0.16
09 96 23 00-0008	SF	Anti-Graffiti Coating System, 2 Coats, Concrete Surface.....	2.98
		<i>For Up To 100, Add</i>	1.44
		<i>For >100 To 250, Add</i>	0.71
		<i>For >250 To 500, Add</i>	0.31
09 96 23 00-0009	SF	Anti-Graffiti Coating System, 2 Coats, Brick Or Block.....	3.06
		<i>For Up To 100, Add</i>	1.45
		<i>For >100 To 250, Add</i>	0.72
		<i>For >250 To 500, Add</i>	0.32
09 96 23 00-0010	SF	Anti-Graffiti Coating System, 2 Coats, Tile.....	2.53
		<i>For Up To 100, Add</i>	1.37
		<i>For >100 To 250, Add</i>	0.67
		<i>For >250 To 500, Add</i>	0.29
09 96 23 00-0011	SF	Anti-Graffiti Coating System, 2 Coats, Metal Or Steel.....	2.45
		<i>For Up To 100, Add</i>	1.36
		<i>For >100 To 250, Add</i>	0.66
		<i>For >250 To 500, Add</i>	0.29
09 96 23 00-0012	SF	Anti-Graffiti Coating System, 2 Coats, Wood.....	2.95
		<i>For Up To 100, Add</i>	1.43
		<i>For >100 To 250, Add</i>	0.71
		<i>For >250 To 500, Add</i>	0.31
09 96 23 00-0013	SF	Anti-Graffiti Coating System, 2 Coats, Painted Surface.....	2.68
		<i>For Up To 100, Add</i>	1.39
		<i>For >100 To 250, Add</i>	0.68
		<i>For >250 To 500, Add</i>	0.30

09 96 53 Elastomeric Coatings (09 96)

09 96 53 00-0001 Elastomeric Painting (09 96 53)

09 96 53 00-0002	SF	Paint, Brush, Elastomeric, Per Coat.....	2.05
		<i>For Work >20', Add</i>	0.35
		Note: Applied only to work area above 20'.	
		<i>For Up To 100, Add</i>	1.14
		<i>For >100 To 250, Add</i>	0.55
		<i>For >250 To 500, Add</i>	0.24
		<i>For >2,500 To 5,000, Deduct</i>	-0.10
		<i>For >5,000 To 10,000, Deduct</i>	-0.21
		<i>For >10,000 To 20,000, Deduct</i>	-0.31
		<i>For >20,000, Deduct</i>	-0.41

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

09 96 53 00-0003	SF	Paint, Roller, Elastomeric, Per Coat	1.64	
		<i>For Work >20', Add</i>	0.24	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.83	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.25	
		<i>For >20,000, Deduct</i>	-0.33	
09 96 53 00-0004	SF	Paint, Conventional Spray, Elastomeric, Per Coat.....	1.56	
		<i>For Work >20', Add</i>	0.20	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.70	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.23	
		<i>For >20,000, Deduct</i>	-0.31	
09 96 53 00-0005	SF	Paint, Airless Spray, Elastomeric, Per Coat.....	1.41	
		<i>For Work >20', Add</i>	0.16	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.21	
		<i>For >20,000, Deduct</i>	-0.28	

09 96 56 Epoxy Coatings (09 96)

09 96 56 00-0001	High Build Epoxy			
09 96 56 00-0002	SF	High Build Epoxy - 50 Mil.....	2.79	
09 96 56 00-0003	Laminated Epoxy With Fiberglass		4.68	
09 96 56 00-0004	SF	Laminated Epoxy With Fiberglass	4.68	

09 96 66 Aggregate Wall Coatings (09 96)

09 96 66 00-0001	Troweled On			
09 96 66 00-0002	SF	Exposed Aggregate - 1/16" To 1/4" - Troweled On.....	3.46	
09 96 66 00-0003	SF	Exposed Aggregate - 1/2" To 5/8" Troweled On.....	6.22	
09 96 66 00-0004	SF	Exposed Aggregate - 1" Troweled On	9.26	
09 96 66 00-0005	Sprayed On		2.81	
09 96 66 00-0006	SF	Exposed Aggregate - 1/8" - Sprayed On.....	2.81	

09 97 Special Coatings (09 90)

09 97 13 Steel Coatings (09 97)

09 97 13 23 Exterior Steel Coatings (09 97 13)

09 97 13 23-0001	Surface Preparation For Tanks And Structural Steel			
		<i>Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.</i>		
09 97 13 23-0002	SSPC SP7 Brush Off Blast Cleaning Surface Preparation		0.92	
09 97 13 23-0003	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.64	
		<i>For Up To 100, Add</i>	0.30	
		<i>For >100 To 250, Add</i>	0.13	
		<i>For >250 To 500, Add</i>	0.11	
09 97 13 23-0004	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.81	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.11	
09 97 13 23-0005	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.80	
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.11	
09 97 13 23-0006	SF	Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.77	
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.11	
09 97 13 23-0007	SF	Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.63	
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 250, Add</i>	0.21	
		<i>For >250 To 500, Add</i>	0.09	
09 97 13 23-0008	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.14	
		<i>For Up To 100, Add</i>	0.81	
		<i>For >100 To 250, Add</i>	0.38	
		<i>For >250 To 500, Add</i>	0.16	

09 Finishes**09 90 Painting And Coating****09 97 Special Coatings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 97 13 23-0009	SF	Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.10	
		For Up To 100, Add	0.80	
		For >100 To 250, Add	0.37	
		For >250 To 500, Add	0.16	
09 97 13 23-0010		SSPC SP6 Commercial Blast Cleaning Surface Preparation (09 97 13 23-0001)		
09 97 13 23-0011	SF	Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.35	
		For Up To 100, Add	1.68	
		For >100 To 250, Add	0.79	
		For >250 To 500, Add	0.34	
09 97 13 23-0012	SF	Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.05	
		For Up To 100, Add	1.46	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.29	
09 97 13 23-0013	SF	Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	1.90	
		For Up To 100, Add	1.35	
		For >100 To 250, Add	0.63	
		For >250 To 500, Add	0.27	
09 97 13 23-0014	SF	Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation.....	1.90	
		For Up To 100, Add	1.35	
		For >100 To 250, Add	0.63	
		For >250 To 500, Add	0.27	
09 97 13 23-0015	SF	Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.74	
		For Up To 100, Add	1.23	
		For >100 To 250, Add	0.58	
		For >250 To 500, Add	0.25	
09 97 13 23-0016	SF	Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation.....	2.95	
		For Up To 100, Add	2.13	
		For >100 To 250, Add	1.00	
		For >250 To 500, Add	0.43	
09 97 13 23-0017	SF	Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.54	
		For Up To 100, Add	1.83	
		For >100 To 250, Add	0.86	
		For >250 To 500, Add	0.37	
09 97 13 23-0018		SSPC SP5 White Metal Blast Cleaning Surface Preparation (09 97 13 23-0001)		
09 97 13 23-0019	SF	Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.58	
		For Up To 100, Add	3.29	
		For >100 To 250, Add	1.54	
		For >250 To 500, Add	0.66	
09 97 13 23-0020	SF	Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	3.92	
		For Up To 100, Add	2.81	
		For >100 To 250, Add	1.32	
		For >250 To 500, Add	0.57	
09 97 13 23-0021	SF	Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	3.59	
		For Up To 100, Add	2.56	
		For >100 To 250, Add	1.20	
		For >250 To 500, Add	0.52	
09 97 13 23-0022	SF	Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	3.43	
		For Up To 100, Add	2.45	
		For >100 To 250, Add	1.15	
		For >250 To 500, Add	0.49	
09 97 13 23-0023	SF	Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	3.26	
		For Up To 100, Add	2.32	
		For >100 To 250, Add	1.09	
		For >250 To 500, Add	0.47	
09 97 13 23-0024	SF	Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	5.55	
		For Up To 100, Add	4.02	
		For >100 To 250, Add	1.88	
		For >250 To 500, Add	0.81	
09 97 13 23-0025	SF	Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation.....	4.79	
		For Up To 100, Add	3.47	
		For >100 To 250, Add	1.62	
		For >250 To 500, Add	0.70	
09 97 13 23-0026		SSPC SP10 Near White Metal Blast Cleaning Surface Preparation (09 97 13 23-0001)		
09 97 13 23-0027	SF	Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	3.41	
		For Up To 100, Add	2.44	
		For >100 To 250, Add	1.15	
		For >250 To 500, Add	0.49	
09 97 13 23-0028	SF	Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.90	
		For Up To 100, Add	2.07	
		For >100 To 250, Add	0.97	
		For >250 To 500, Add	0.42	
09 97 13 23-0029	SF	Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation	2.75	
		For Up To 100, Add	1.96	
		For >100 To 250, Add	0.92	
		For >250 To 500, Add	0.40	
09 97 13 23-0030	SF	Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.75	
		For Up To 100, Add	1.96	
		For >100 To 250, Add	0.92	
		For >250 To 500, Add	0.40	
09 97 13 23-0031	SF	Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.75	
		For Up To 100, Add	1.96	
		For >100 To 250, Add	0.92	
		For >250 To 500, Add	0.40	

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

09 97 13 23-0032	SF	Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation	4.03		
		For Up To 100, Add	2.92		
		For >100 To 250, Add	1.37		
		For >250 To 500, Add	0.59		
09 97 13 23-0033	SF	Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation	4.03		
		For Up To 100, Add	2.92		
		For >100 To 250, Add	1.37		
		For >250 To 500, Add	0.59		
09 97 13 23-0034		Protective Coatings For Tanks And Structural Steel <small>(09 97 13 23)</small>			
		Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter, and piping - under 14" diameter.			
09 97 13 23-0035		1.5 Mil Prime Coat For Tanks And Structural Steel <small>(09 97 13 23-0034)</small>			
09 97 13 23-0036	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat	0.88		
		For Up To 100, Add	0.60		
		For >100 To 250, Add	0.28		
		For >250 To 500, Add	0.12		
09 97 13 23-0037	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat	0.65		
		For Up To 100, Add	0.44		
		For >100 To 250, Add	0.21		
		For >250 To 500, Add	0.09		
09 97 13 23-0038	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat	0.57		
		For Up To 100, Add	0.38		
		For >100 To 250, Add	0.18		
		For >250 To 500, Add	0.08		
09 97 13 23-0039	SF	Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.50		
		For Up To 100, Add	0.33		
		For >100 To 250, Add	0.16		
		For >250 To 500, Add	0.07		
09 97 13 23-0040	SF	Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.41		
		For Up To 100, Add	0.26		
		For >100 To 250, Add	0.12		
		For >250 To 500, Add	0.05		
09 97 13 23-0041	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.05		
		For Up To 100, Add	0.73		
		For >100 To 250, Add	0.35		
		For >250 To 500, Add	0.15		
09 97 13 23-0042	SF	Spray Tank Interior 1.5 Mil Prime Coat	1.00		
		For Up To 100, Add	0.70		
		For >100 To 250, Add	0.33		
		For >250 To 500, Add	0.14		
09 97 13 23-0043	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat	1.38		
		For Up To 100, Add	0.98		
		For >100 To 250, Add	0.46		
		For >250 To 500, Add	0.20		
09 97 13 23-0044	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat	1.00		
		For Up To 100, Add	0.70		
		For >100 To 250, Add	0.33		
		For >250 To 500, Add	0.14		
09 97 13 23-0045	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat	0.89		
		For Up To 100, Add	0.62		
		For >100 To 250, Add	0.29		
		For >250 To 500, Add	0.13		
09 97 13 23-0046	SF	Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.77		
		For Up To 100, Add	0.53		
		For >100 To 250, Add	0.25		
		For >250 To 500, Add	0.11		
09 97 13 23-0047	SF	Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.61		
		For Up To 100, Add	0.41		
		For >100 To 250, Add	0.19		
		For >250 To 500, Add	0.08		
09 97 13 23-0048	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat	1.67		
		For Up To 100, Add	1.20		
		For >100 To 250, Add	0.56		
		For >250 To 500, Add	0.24		
09 97 13 23-0049	SF	Brush Tank Interior 1.5 Mil Prime Coat	1.59		
		For Up To 100, Add	1.14		
		For >100 To 250, Add	0.54		
		For >250 To 500, Add	0.23		
09 97 13 23-0050		1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel <small>(09 97 13 23-0034)</small>			
09 97 13 23-0051	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	2.57		
		For Up To 100, Add	1.74		
		For >100 To 250, Add	0.82		
		For >250 To 500, Add	0.35		
09 97 13 23-0052	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.83		
		For Up To 100, Add	1.20		
		For >100 To 250, Add	0.57		
		For >250 To 500, Add	0.25		
09 97 13 23-0053	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	1.69		
		For Up To 100, Add	1.10		
		For >100 To 250, Add	0.52		
		For >250 To 500, Add	0.23		

09 Finishes

09 90 Painting And Coating

09 97 Special Coatings

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 97 13 23-0054	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.47	
		For Up To 100, Add	0.94	
		For >100 To 250, Add	0.45	
		For >250 To 500, Add	0.19	
09 97 13 23-0055	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.11	
		For Up To 100, Add	0.67	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
09 97 13 23-0056	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.15	
		For Up To 100, Add	2.17	
		For >100 To 250, Add	1.02	
		For >250 To 500, Add	0.44	
09 97 13 23-0057	SF	Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.81	
		For Up To 100, Add	1.95	
		For >100 To 250, Add	0.92	
		For >250 To 500, Add	0.39	
09 97 13 23-0058	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.93	
		For Up To 100, Add	1.31	
		For >100 To 250, Add	0.62	
		For >250 To 500, Add	0.27	
09 97 13 23-0059	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.37	
		For Up To 100, Add	0.90	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.18	
09 97 13 23-0060	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.27	
		For Up To 100, Add	0.83	
		For >100 To 250, Add	0.39	
		For >250 To 500, Add	0.17	
09 97 13 23-0061	SF	Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.11	
		For Up To 100, Add	0.71	
		For >100 To 250, Add	0.34	
		For >250 To 500, Add	0.15	
09 97 13 23-0062	SF	Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	0.84	
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.24	
		For >250 To 500, Add	0.11	
09 97 13 23-0063	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.36	
		For Up To 100, Add	1.63	
		For >100 To 250, Add	0.77	
		For >250 To 500, Add	0.33	
09 97 13 23-0064	SF	Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.10	
		For Up To 100, Add	1.46	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.30	
09 97 13 23-0065	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.37	
		For Up To 100, Add	3.09	
		For >100 To 250, Add	1.45	
		For >250 To 500, Add	0.62	
09 97 13 23-0066	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.07	
		For Up To 100, Add	2.13	
		For >100 To 250, Add	1.00	
		For >250 To 500, Add	0.43	
09 97 13 23-0067	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.81	
		For Up To 100, Add	1.94	
		For >100 To 250, Add	0.91	
		For >250 To 500, Add	0.39	
09 97 13 23-0068	SF	Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.42	
		For Up To 100, Add	1.65	
		For >100 To 250, Add	0.78	
		For >250 To 500, Add	0.34	
09 97 13 23-0069	SF	Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.79	
		For Up To 100, Add	1.18	
		For >100 To 250, Add	0.56	
		For >250 To 500, Add	0.24	
09 97 13 23-0070	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	5.39	
		For Up To 100, Add	3.85	
		For >100 To 250, Add	1.81	
		For >250 To 500, Add	0.78	
09 97 13 23-0071	SF	Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.83	
		For Up To 100, Add	3.46	
		For >100 To 250, Add	1.62	
		For >250 To 500, Add	0.70	
09 97 13 23-0072	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	3.27	
		For Up To 100, Add	2.31	
		For >100 To 250, Add	1.09	
		For >250 To 500, Add	0.47	
09 97 13 23-0073	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.30	
		For Up To 100, Add	1.60	
		For >100 To 250, Add	0.75	
		For >250 To 500, Add	0.32	
09 97 13 23-0074	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.11	
		For Up To 100, Add	1.46	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.30	
09 97 13 23-0075	SF	Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.82	
		For Up To 100, Add	1.25	
		For >100 To 250, Add	0.59	
		For >250 To 500, Add	0.25	

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

09 97 13 23-0076	SF	Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	1.34
		For Up To 100, Add	0.89
		For >100 To 250, Add	0.42
		For >250 To 500, Add	0.18
09 97 13 23-0077	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	4.04
		For Up To 100, Add	2.89
		For >100 To 250, Add	1.35
		For >250 To 500, Add	0.58
09 97 13 23-0078	SF	Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.63
		For Up To 100, Add	2.60
		For >100 To 250, Add	1.22
		For >250 To 500, Add	0.52

09 97 13 23-0079 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks And Structural Steel

09 97 13 23-0080	SF	Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.99
		For Up To 100, Add	1.36
		For >100 To 250, Add	0.64
		For >250 To 500, Add	0.28
09 97 13 23-0081	SF	Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.61
		For Up To 100, Add	1.09
		For >100 To 250, Add	0.51
		For >250 To 500, Add	0.22
09 97 13 23-0082	SF	Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.48
		For Up To 100, Add	0.99
		For >100 To 250, Add	0.47
		For >250 To 500, Add	0.20
09 97 13 23-0083	SF	Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.33
		For Up To 100, Add	0.88
		For >100 To 250, Add	0.42
		For >250 To 500, Add	0.18
09 97 13 23-0084	SF	Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.12
		For Up To 100, Add	0.72
		For >100 To 250, Add	0.34
		For >250 To 500, Add	0.15
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.49
		For Up To 100, Add	1.73
		For >100 To 250, Add	0.81
		For >250 To 500, Add	0.35
09 97 13 23-0086	SF	Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.96
		For Up To 100, Add	2.10
		For >100 To 250, Add	0.99
		For >250 To 500, Add	0.42
09 97 13 23-0087	SF	Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.27
		For Up To 100, Add	0.87
		For >100 To 250, Add	0.41
		For >250 To 500, Add	0.18
09 97 13 23-0088	SF	Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.04
		For Up To 100, Add	0.70
		For >100 To 250, Add	0.33
		For >250 To 500, Add	0.14
09 97 13 23-0089	SF	Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.94
		For Up To 100, Add	0.63
		For >100 To 250, Add	0.30
		For >250 To 500, Add	0.13
09 97 13 23-0090	SF	Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	0.85
		For Up To 100, Add	0.56
		For >100 To 250, Add	0.27
		For >250 To 500, Add	0.11
09 97 13 23-0091	SF	Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.72
		For Up To 100, Add	0.46
		For >100 To 250, Add	0.22
		For >250 To 500, Add	0.10
09 97 13 23-0092	SF	Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.60
		For Up To 100, Add	1.11
		For >100 To 250, Add	0.52
		For >250 To 500, Add	0.23
09 97 13 23-0093	SF	Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	1.89
		For Up To 100, Add	1.34
		For >100 To 250, Add	0.63
		For >250 To 500, Add	0.27
09 97 13 23-0094	SF	Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.11
		For Up To 100, Add	2.20
		For >100 To 250, Add	1.03
		For >250 To 500, Add	0.44
09 97 13 23-0095	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.51
		For Up To 100, Add	1.76
		For >100 To 250, Add	0.83
		For >250 To 500, Add	0.36
09 97 13 23-0096	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.28
		For Up To 100, Add	1.59
		For >100 To 250, Add	0.75
		For >250 To 500, Add	0.32
09 97 13 23-0097	SF	Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.05
		For Up To 100, Add	1.42
		For >100 To 250, Add	0.67
		For >250 To 500, Add	0.29

09 Finishes**09 90 Painting And Coating****09 97 Special Coatings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

09 97 13 23-0098	SF	Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.71	
		<i>For Up To 100, Add</i>	1.16	
		<i>For >100 To 250, Add</i>	0.55	
		<i>For >250 To 500, Add</i>	0.24	
09 97 13 23-0099	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.93	
		<i>For Up To 100, Add</i>	2.81	
		<i>For >100 To 250, Add</i>	1.32	
		<i>For >250 To 500, Add</i>	0.57	
09 97 13 23-0100	SF	Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	5.07	
		<i>For Up To 100, Add</i>	3.72	
		<i>For >100 To 250, Add</i>	1.74	
		<i>For >250 To 500, Add</i>	0.75	
09 97 13 23-0101	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.99	
		<i>For Up To 100, Add</i>	1.41	
		<i>For >100 To 250, Add</i>	0.66	
		<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0102	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.61	
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 250, Add</i>	0.53	
		<i>For >250 To 500, Add</i>	0.23	
09 97 13 23-0103	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.47	
		<i>For Up To 100, Add</i>	1.02	
		<i>For >100 To 250, Add</i>	0.48	
		<i>For >250 To 500, Add</i>	0.21	
09 97 13 23-0104	SF	Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.32	
		<i>For Up To 100, Add</i>	0.91	
		<i>For >100 To 250, Add</i>	0.43	
		<i>For >250 To 500, Add</i>	0.19	
09 97 13 23-0105	SF	Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.09	
		<i>For Up To 100, Add</i>	0.74	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.15	
09 97 13 23-0106	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	2.52	
		<i>For Up To 100, Add</i>	1.80	
		<i>For >100 To 250, Add</i>	0.84	
		<i>For >250 To 500, Add</i>	0.36	
09 97 13 23-0107	SF	Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats.....	3.29	
		<i>For Up To 100, Add</i>	2.39	
		<i>For >100 To 250, Add</i>	1.12	
		<i>For >250 To 500, Add</i>	0.48	

09 97 13 23-0108 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks And Structural Steel

(09 97 13 23-0034)

09 97 13 23-0109	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	3.16	
		<i>For Up To 100, Add</i>	2.00	
		<i>For >100 To 250, Add</i>	0.95	
		<i>For >250 To 500, Add</i>	0.41	
09 97 13 23-0110	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.26	
		<i>For Up To 100, Add</i>	1.36	
		<i>For >100 To 250, Add</i>	0.65	
		<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0111	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.97	
		<i>For Up To 100, Add</i>	1.14	
		<i>For >100 To 250, Add</i>	0.55	
		<i>For >250 To 500, Add</i>	0.24	
09 97 13 23-0112	SF	Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.83	
		<i>For Up To 100, Add</i>	1.04	
		<i>For >100 To 250, Add</i>	0.50	
		<i>For >250 To 500, Add</i>	0.22	
09 97 13 23-0113	SF	Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.54	
		<i>For Up To 100, Add</i>	0.83	
		<i>For >100 To 250, Add</i>	0.40	
		<i>For >250 To 500, Add</i>	0.18	
09 97 13 23-0114	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	3.61	
		<i>For Up To 100, Add</i>	2.32	
		<i>For >100 To 250, Add</i>	1.10	
		<i>For >250 To 500, Add</i>	0.48	
09 97 13 23-0115	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	2.22	
		<i>For Up To 100, Add</i>	1.40	
		<i>For >100 To 250, Add</i>	0.67	
		<i>For >250 To 500, Add</i>	0.29	
09 97 13 23-0116	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.58	
		<i>For Up To 100, Add</i>	0.95	
		<i>For >100 To 250, Add</i>	0.45	
		<i>For >250 To 500, Add</i>	0.20	
09 97 13 23-0117	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.39	
		<i>For Up To 100, Add</i>	0.80	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.17	
09 97 13 23-0118	SF	Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.27	
		<i>For Up To 100, Add</i>	0.72	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.15	
09 97 13 23-0119	SF	Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats.....	1.07	
		<i>For Up To 100, Add</i>	0.57	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	

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

09 97	13 23-0120	SF		Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.53	
				For Up To 100, Add	1.63	
				For >100 To 250, Add	0.77	
				For >250 To 500, Add	0.33	
				09 97 13 23-0121 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks And Structural Steel		
				<small>(09 97 13 23-0034)</small>		
09 97	13 23-0122	SF		Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.34	
				For Up To 100, Add	2.03	
				For >100 To 250, Add	0.97	
				For >250 To 500, Add	0.42	
09 97	13 23-0123	SF		Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.42	
				For Up To 100, Add	1.38	
				For >100 To 250, Add	0.67	
				For >250 To 500, Add	0.29	
09 97	13 23-0124	SF		Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.13	
				For Up To 100, Add	1.17	
				For >100 To 250, Add	0.57	
				For >250 To 500, Add	0.25	
09 97	13 23-0125	SF		Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.98	
				For Up To 100, Add	1.07	
				For >100 To 250, Add	0.52	
				For >250 To 500, Add	0.23	
09 97	13 23-0126	SF		Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	1.69	
				For Up To 100, Add	0.85	
				For >100 To 250, Add	0.42	
				For >250 To 500, Add	0.18	
09 97	13 23-0127	SF		Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.79	
				For Up To 100, Add	2.35	
				For >100 To 250, Add	1.12	
				For >250 To 500, Add	0.49	
09 97	13 23-0128	SF		Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	2.74	
				For Up To 100, Add	1.67	
				For >100 To 250, Add	0.80	
				For >250 To 500, Add	0.35	
09 97	13 23-0129	SF		Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.98	
				For Up To 100, Add	1.13	
				For >100 To 250, Add	0.55	
				For >250 To 500, Add	0.24	
09 97	13 23-0130	SF		Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats	1.75	
				For Up To 100, Add	0.96	
				For >100 To 250, Add	0.47	
				For >250 To 500, Add	0.20	
09 97	13 23-0131	SF		Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.62	
				For Up To 100, Add	0.87	
				For >100 To 250, Add	0.42	
				For >250 To 500, Add	0.19	
09 97	13 23-0132	SF		Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	1.39	
				For Up To 100, Add	0.69	
				For >100 To 250, Add	0.34	
				For >250 To 500, Add	0.15	
09 97	13 23-0133	SF		Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	3.12	
				For Up To 100, Add	1.93	
				For >100 To 250, Add	0.92	
				For >250 To 500, Add	0.40	
				09 97 13 23-0134 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks And Structural Steel		
				<small>(09 97 13 23-0034)</small>		
09 97	13 23-0135	SF		Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.04	
				For Up To 100, Add	4.36	
				For >100 To 250, Add	2.08	
				For >250 To 500, Add	0.90	
09 97	13 23-0136	SF		Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.26	
				For Up To 100, Add	3.12	
				For >100 To 250, Add	1.50	
				For >250 To 500, Add	0.65	
09 97	13 23-0137	SF		Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	5.04	
				For Up To 100, Add	2.96	
				For >100 To 250, Add	1.42	
				For >250 To 500, Add	0.62	
09 97	13 23-0138	SF		Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.86	
				For Up To 100, Add	2.85	
				For >100 To 250, Add	1.37	
				For >250 To 500, Add	0.60	
09 97	13 23-0139	SF		Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	4.44	
				For Up To 100, Add	2.53	
				For >100 To 250, Add	1.22	
				For >250 To 500, Add	0.53	
09 97	13 23-0140	SF		Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	8.28	
				For Up To 100, Add	5.27	
				For >100 To 250, Add	2.51	
				For >250 To 500, Add	1.09	
09 97	13 23-0141	SF		Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	7.69	
				For Up To 100, Add	4.97	
				For >100 To 250, Add	2.36	
				For >250 To 500, Add	1.02	

09 Finishes

09 90 Painting And Coating

09 97 Special Coatings

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 97 13 23-0142		1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks And Structural Steel	
		<small>(09 97 13 23-0034)</small>	
09 97 13 23-0143	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.62
		<i>For Up To 100, Add</i>	2.11
		<i>For >100 To 250, Add</i>	1.01
		<i>For >250 To 500, Add</i>	0.44
09 97 13 23-0144	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.77
		<i>For Up To 100, Add</i>	1.48
		<i>For >100 To 250, Add</i>	0.72
		<i>For >250 To 500, Add</i>	0.32
09 97 13 23-0145	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.63
		<i>For Up To 100, Add</i>	1.37
		<i>For >100 To 250, Add</i>	0.67
		<i>For >250 To 500, Add</i>	0.29
09 97 13 23-0146	SF	Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	2.47
		<i>For Up To 100, Add</i>	1.32
		<i>For >100 To 250, Add</i>	0.64
		<i>For >250 To 500, Add</i>	0.28
09 97 13 23-0147	SF	Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	2.17
		<i>For Up To 100, Add</i>	1.09
		<i>For >100 To 250, Add</i>	0.54
		<i>For >250 To 500, Add</i>	0.24
09 97 13 23-0148	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.16
		<i>For Up To 100, Add</i>	2.49
		<i>For >100 To 250, Add</i>	1.19
		<i>For >250 To 500, Add</i>	0.52
09 97 13 23-0149	SF	Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.86
		<i>For Up To 100, Add</i>	2.36
		<i>For >100 To 250, Add</i>	1.13
		<i>For >250 To 500, Add</i>	0.49
09 97 13 23-0150	SF	Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.87
		<i>For Up To 100, Add</i>	1.67
		<i>For >100 To 250, Add</i>	0.80
		<i>For >250 To 500, Add</i>	0.35
09 97 13 23-0151	SF	Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.19
		<i>For Up To 100, Add</i>	1.17
		<i>For >100 To 250, Add</i>	0.57
		<i>For >250 To 500, Add</i>	0.25
09 97 13 23-0152	SF	Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	2.08
		<i>For Up To 100, Add</i>	1.09
		<i>For >100 To 250, Add</i>	0.53
		<i>For >250 To 500, Add</i>	0.23
09 97 13 23-0153	SF	Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	1.95
		<i>For Up To 100, Add</i>	1.04
		<i>For >100 To 250, Add</i>	0.51
		<i>For >250 To 500, Add</i>	0.22
09 97 13 23-0154	SF	Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	1.71
		<i>For Up To 100, Add</i>	0.86
		<i>For >100 To 250, Add</i>	0.42
		<i>For >250 To 500, Add</i>	0.19
09 97 13 23-0155	SF	Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	3.29
		<i>For Up To 100, Add</i>	1.97
		<i>For >100 To 250, Add</i>	0.94
		<i>For >250 To 500, Add</i>	0.41
09 97 13 23-0156	SF	Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	3.05
		<i>For Up To 100, Add</i>	1.87
		<i>For >100 To 250, Add</i>	0.89
		<i>For >250 To 500, Add</i>	0.39
09 97 13 23-0157		Two 8 Mil Coal Tar Epoxy Coats For Tanks And Structural Steel	
		<small>(09 97 13 23-0034)</small>	
09 97 13 23-0158	SF	Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.18
		<i>For Up To 100, Add</i>	2.04
		<i>For >100 To 250, Add</i>	0.97
		<i>For >250 To 500, Add</i>	0.42
09 97 13 23-0159	SF	Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.57
		<i>For Up To 100, Add</i>	1.62
		<i>For >100 To 250, Add</i>	0.77
		<i>For >250 To 500, Add</i>	0.33
09 97 13 23-0160	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	2.36
		<i>For Up To 100, Add</i>	1.46
		<i>For >100 To 250, Add</i>	0.70
		<i>For >250 To 500, Add</i>	0.30
09 97 13 23-0161	SF	Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats.....	2.35
		<i>For Up To 100, Add</i>	1.46
		<i>For >100 To 250, Add</i>	0.70
		<i>For >250 To 500, Add</i>	0.30
09 97 13 23-0162	SF	Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	1.92
		<i>For Up To 100, Add</i>	1.13
		<i>For >100 To 250, Add</i>	0.54
		<i>For >250 To 500, Add</i>	0.24
09 97 13 23-0163	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	3.98
		<i>For Up To 100, Add</i>	2.63
		<i>For >100 To 250, Add</i>	1.25
		<i>For >250 To 500, Add</i>	0.54
09 97 13 23-0164	SF	Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	3.05
		<i>For Up To 100, Add</i>	1.98
		<i>For >100 To 250, Add</i>	0.94
		<i>For >250 To 500, Add</i>	0.41

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

09 97 13 23-0165	One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks And Structural Steel <small>(09 97 13 23-0034)</small>		
09 97 13 23-0166	SF Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.12	
	For Up To 100, Add	2.08	
	For >100 To 250, Add	0.98	
	For >250 To 500, Add	0.42	
09 97 13 23-0167	SF Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.18	
	For Up To 100, Add	1.39	
	For >100 To 250, Add	0.66	
	For >250 To 500, Add	0.29	
09 97 13 23-0168	SF Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.82	
	For Up To 100, Add	1.12	
	For >100 To 250, Add	0.53	
	For >250 To 500, Add	0.23	
09 97 13 23-0169	SF Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.60	
	For Up To 100, Add	0.96	
	For >100 To 250, Add	0.46	
	For >250 To 500, Add	0.20	
09 97 13 23-0170	SF Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	1.46	
	For Up To 100, Add	0.86	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
09 97 13 23-0171	SF Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.58	
	For Up To 100, Add	2.40	
	For >100 To 250, Add	1.14	
	For >250 To 500, Add	0.49	
09 97 13 23-0172	SF Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.52	
	For Up To 100, Add	1.65	
	For >100 To 250, Add	0.78	
	For >250 To 500, Add	0.34	
09 97 13 23-0173	Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior <small>(09 97 13 23-0034)</small>		
09 97 13 23-0174	SF Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	3.58	
	For Up To 100, Add	2.24	
	For >100 To 250, Add	1.07	
	For >250 To 500, Add	0.46	
09 97 13 23-0175	SF Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	2.09	
	For Up To 100, Add	1.16	
	For >100 To 250, Add	0.56	
	For >250 To 500, Add	0.25	
09 97 13 23-0176	One 3 Mil High Zinc Silicate Coat For Tanks And Structural Steel <small>(09 97 13 23-0034)</small>		
09 97 13 23-0177	SF Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.58	
	For Up To 100, Add	0.92	
	For >100 To 250, Add	0.44	
	For >250 To 500, Add	0.19	
09 97 13 23-0178	SF Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.12	
	For Up To 100, Add	0.59	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
09 97 13 23-0179	SF Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.05	
	For Up To 100, Add	0.54	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
09 97 13 23-0180	SF Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	0.97	
	For Up To 100, Add	0.49	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
09 97 13 23-0181	SF Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	0.94	
	For Up To 100, Add	0.47	
	For >100 To 250, Add	0.23	
	For >250 To 500, Add	0.10	
09 97 13 23-0182	SF Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat.....	1.67	
	For Up To 100, Add	0.97	
	For >100 To 250, Add	0.47	
	For >250 To 500, Add	0.20	
09 97 13 23-0183	SF Spray Tank Interior One 3 Mil High Zinc Silicate Coat.....	1.60	
	For Up To 100, Add	0.96	
	For >100 To 250, Add	0.46	
	For >250 To 500, Add	0.20	
09 97 13 23-0184	Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks And Structural Steel <small>(09 97 13 23-0034)</small>		
	Note: Installed over existing primer.		
09 97 13 23-0185	SF Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.51	
	For Up To 100, Add	1.56	
	For >100 To 250, Add	0.75	
	For >250 To 500, Add	0.32	

09 Finishes
09 90 Painting And Coating
09 97 Special Coatings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0186	SF		Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.03	
			For Up To 100, Add	1.23	
			For >100 To 250, Add	0.59	
			For >250 To 500, Add	0.26	
09 97 13 23-0187	SF		Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	1.76	
			For Up To 100, Add	1.03	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
09 97 13 23-0188	SF		Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.66	
			For Up To 100, Add	0.97	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.20	
09 97 13 23-0189	SF		Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats	1.45	
			For Up To 100, Add	0.81	
			For >100 To 250, Add	0.39	
			For >250 To 500, Add	0.17	
09 97 13 23-0190	SF		Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	2.96	
			For Up To 100, Add	1.89	
			For >100 To 250, Add	0.90	
			For >250 To 500, Add	0.39	
09 97 13 23-0191	SF		Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats	2.36	
			For Up To 100, Add	1.49	
			For >100 To 250, Add	0.71	
			For >250 To 500, Add	0.31	
09 97 13 23-0192			One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks <small>(09 97 13 23-0034)</small>		
09 97 13 23-0193	SF		Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat	6.32	
			For Up To 100, Add	4.17	
			For >100 To 250, Add	1.97	
			For >250 To 500, Add	0.85	
09 97 26			Cementitious Coatings <small>(09 97)</small>		
09 97 26 13			Interior Cementitious Coatings <small>(09 97 26)</small>		
09 97 26 13-0001			Ceramic-Like Glazed Coating <small>(09 97 26 13)</small>		
09 97 26 13-0002			Ceramic-Like Glazed Coating, Cementitious <small>(09 97 26 13-0001)</small>		
09 97 26 13-0003	SF		Ceramic-like Glazed Coating. - Cementitious	2.36	
09 97 26 13-0004			Ceramic-Like Glazed Coating, Resin Base <small>(09 97 26 13-0001)</small>		
09 97 26 13-0005	SF		Ceramic-like Glazed Coating - Resin	1.97	
09 97 35			Dry Erase Coatings <small>(09 97)</small>		
09 97 35 00-0001			Dry-Erase Paint <small>(09 97 35)</small>		
09 97 35 00-0002			Dry-Erase Paint (IdeaPaint™ PRO) <small>(09 97 35 00-0001)</small>		
09 97 35 00-0003	SF		Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller	7.47	
			Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004			Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) <small>(09 97 35 00-0001)</small>		
09 97 35 00-0005	SF		Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	3.94	
			Note: For application over existing latex-based top coats.		
09 97 35 00-0006	SF		Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller	7.91	
			Note: Includes two coats of primer and white or black surface coat.		
09 97 63			Special Coatings <small>(09 97)</small>		
09 97 63 00-0001			Acrylic Glazed Coating <small>(09 97 63)</small>		
09 97 63 00-0002	SF		Acrylic Glazed Coating	1.52	

END OF SECTION 09

		Specialties	10
		Information Specialties	10 10
		Visual Display Units	10 11
MINOR	CSI	UOM	DESCRIPTION
		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

10 Specialties

10 10 Information Specialties ⁽¹⁰⁾

10 11 Visual Display Units ^(10 10)

10 11 13 Chalkboards ^(10 11)

10 11 13 13 Fixed Chalkboards ^(10 11 13)

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	Porcelain Enamel Steel Chalkboards ^(10 11 13 13)		
10 11 13 13-0002	5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	40.38	6.73
	For >3 To 9, Deduct	-2.02	
	For >9, Deduct	-4.17	
10 11 13 13-0004	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	26.33	3.16
	For >3 To 9, Deduct	-1.50	
	For >9, Deduct	-3.10	
10 11 13 13-0005	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	22.77	2.73
	For >3 To 9, Deduct	-1.30	
	For >9, Deduct	-2.68	
10 11 13 13-0006	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	19.11	1.78
	For >3 To 9, Deduct	-1.17	
	For >9, Deduct	-2.41	
10 11 13 13-0007	SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	16.20	0.99
	For >3 To 9, Deduct	-1.07	
	For >9, Deduct	-2.21	
10 11 13 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	42.88	6.73
	For >3 To 9, Deduct	-2.21	
	For >9, Deduct	-4.56	
10 11 13 13-0010	SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	28.77	3.16
	For >3 To 9, Deduct	-1.68	
	For >9, Deduct	-3.48	
10 11 13 13-0011	SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	25.01	2.73
	For >3 To 9, Deduct	-1.47	
	For >9, Deduct	-3.03	
10 11 13 13-0012	SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	21.83	1.78
	For >3 To 9, Deduct	-1.37	
	For >9, Deduct	-2.83	
10 11 13 13-0013	SF >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard.....	18.87	0.99
	For >3 To 9, Deduct	-1.27	
	For >9, Deduct	-2.62	
10 11 13 13-0014	1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	38.84	6.73
	For >3 To 9, Deduct	-1.90	
	For >9, Deduct	-3.94	
10 11 13 13-0016	SF >6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	24.76	3.16
	For >3 To 9, Deduct	-1.38	
	For >9, Deduct	-2.86	
10 11 13 13-0017	SF >12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	21.26	2.73
	For >3 To 9, Deduct	-1.19	
	For >9, Deduct	-2.45	
10 11 13 13-0018	SF >16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	17.85	1.78
	For >3 To 9, Deduct	-1.07	
	For >9, Deduct	-2.21	
10 11 13 13-0019	SF >24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard.....	14.79	0.99
	For >3 To 9, Deduct	-0.96	
	For >9, Deduct	-1.99	
10 11 13 13-0020	Remove And Reinstall ^(10 11 13 13)		
10 11 13 13-0021	SF Remove And Reinstall Chalkboard.....	8.35	
	For >3 To 9, Deduct	-0.03	
	For >9, Deduct	-0.07	
10 11 13 13-0022	Field Applied Chalkboard And Accessories ^(10 11 13 13)		
10 11 13 13-0023	Chalkboard Face Sheets And Panels ^(10 11 13 13-0022)		

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 11 13 13-0024	SF Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite).....	13.11	3.16
	Note: Includes porcelain enamel steel chalkboard skin.		
	For >3 To 9, Deduct	-0.54	
	For >9, Deduct	-1.11	
10 11 13 13-0025	SF Porcelain Enamel Steel Chalkboard Panel (Claridge VIT).....	15.89	3.16
	Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
	For >3 To 9, Deduct	-0.75	
	For >9, Deduct	-1.54	
10 11 13 13-0026	Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 13 13-0022)</small>		
10 11 13 13-0027	LF Chalk And Marker Tray, Field Applied	14.53	4.35
	For >3 To 9, Deduct	-0.43	
	For >9, Deduct	-0.89	
10 11 13 13-0028	PR Chalk And Marker Tray End Closures, Field Applied	20.31	7.91
	For >3 To 9, Deduct	-0.34	
	For >9, Deduct	-0.69	
10 11 13 13-0029	LF Mullion Trim For Chalkboards And Markerboards, Field Applied.....	10.60	4.35
	For >3 To 9, Deduct	-0.14	
	For >9, Deduct	-0.28	
10 11 13 13-0030	LF Screw On Trim For Chalkboards And Markerboards, Field Applied.....	10.90	4.35
	For >3 To 9, Deduct	-0.16	
	For >9, Deduct	-0.33	
10 11 13 13-0031	LF 1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	11.81	4.35
	For >3 To 9, Deduct	-0.23	
	For >9, Deduct	-0.47	
10 11 13 13-0032	LF 1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	12.56	4.35
	For >3 To 9, Deduct	-0.28	
	For >9, Deduct	-0.58	
10 11 13 13-0033	LF No Leg Map Rail For Chalkboards And Markerboards, Field Applied.....	11.37	4.35
	For >3 To 9, Deduct	-0.19	
	For >9, Deduct	-0.40	
10 11 13 33	Rail-Mounted Chalkboards <small>(10 11 13)</small>		
10 11 13 33-0001	Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) <small>(10 11 13 33)</small>		
10 11 13 33-0002	Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0003	EA 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	1,962.65	79.12
	For >3 To 9, Deduct	-135.33	
	For >9, Deduct	-279.69	
10 11 13 33-0004	EA 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,207.86	79.12
	For >3 To 9, Deduct	-153.72	
	For >9, Deduct	-317.69	
10 11 13 33-0005	EA 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,503.05	84.27
	For >3 To 9, Deduct	-175.09	
	For >9, Deduct	-361.85	
10 11 13 33-0006	EA 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	2,787.95	84.27
	For >3 To 9, Deduct	-196.46	
	For >9, Deduct	-406.01	
10 11 13 33-0007	EA 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,480.52	90.59
	For >3 To 9, Deduct	-247.45	
	For >9, Deduct	-511.40	
10 11 13 33-0008	EA 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	3,707.78	90.59
	For >3 To 9, Deduct	-264.49	
	For >9, Deduct	-546.62	
10 11 13 33-0009	EA 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,192.72	94.94
	For >3 To 9, Deduct	-300.21	
	For >9, Deduct	-620.44	
10 11 13 33-0010	EA 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard.....	4,756.85	94.94
	For >3 To 9, Deduct	-342.52	
	For >9, Deduct	-707.88	
10 11 13 33-0011	Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0012	EA 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,694.08	79.12
	For >3 To 9, Deduct	-190.19	
	For >9, Deduct	-393.06	
10 11 13 33-0013	EA 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,202.00	79.12
	For >3 To 9, Deduct	-228.28	
	For >9, Deduct	-471.78	
10 11 13 33-0014	EA 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,667.29	84.27
	For >3 To 9, Deduct	-262.41	
	For >9, Deduct	-542.31	
10 11 13 33-0015	EA 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,133.63	84.27
	For >3 To 9, Deduct	-297.38	
	For >9, Deduct	-614.59	
10 11 13 33-0016	EA 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,714.69	90.59
	For >3 To 9, Deduct	-340.01	
	For >9, Deduct	-702.69	
10 11 13 33-0017	EA 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,920.21	90.59
	For >3 To 9, Deduct	-355.43	
	For >9, Deduct	-734.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0018	EA			4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	5,774.65 -418.86 -865.64	94.94
10 11 13 33-0019	EA			4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	6,460.68 -470.31 -971.97	94.94
10 11 13 33-0020				Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0021	EA			4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,005.93 -213.58 -441.39	79.12
10 11 13 33-0022	EA			4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,421.24 -244.73 -505.77	79.12
10 11 13 33-0023	EA			4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,868.57 -277.50 -573.51	84.27
10 11 13 33-0024	EA			4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,345.31 -313.26 -647.40	84.27
10 11 13 33-0025	EA			4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	5,266.57 -381.40 -788.24	90.59
10 11 13 33-0026	EA			4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	5,485.32 -397.81 -822.14	90.59
10 11 13 33-0027	EA			4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	6,482.46 -471.94 -975.35	94.94
10 11 13 33-0028	EA			4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	7,241.78 -528.89 -1,093.04	94.94
10 11 13 33-0029				Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10 11 13 33)</small>		
10 11 13 33-0030				One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small>		
10 11 13 33-0031	EA			8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,352.44 -164.57 -340.10	79.12
10 11 13 33-0032	EA			8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,599.54 -183.10 -378.40	79.12
10 11 13 33-0033	EA			8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,843.70 -200.64 -414.65	84.27
10 11 13 33-0034	EA			8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,272.69 -232.81 -481.15	84.27
10 11 13 33-0035	EA			8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,585.83 -255.35 -527.72	90.59
10 11 13 33-0036	EA			8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,981.75 -285.04 -589.09	90.59
10 11 13 33-0037				Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small>		
10 11 13 33-0038	EA			8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,465.58 -248.05 -512.64	79.12
10 11 13 33-0039	EA			8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,849.21 -276.82 -572.10	79.12
10 11 13 33-0040	EA			8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,231.79 -304.75 -629.81	84.27
10 11 13 33-0041	EA			8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,937.63 -357.68 -739.21	84.27
10 11 13 33-0042	EA			8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	5,374.52 -389.50 -804.97	90.59
10 11 13 33-0043	EA			8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	6,015.17 -437.55 -904.27	90.59
10 11 13 33-0044				Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small>		
10 11 13 33-0045	EA			8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,744.09 -343.94 -710.81	79.12

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,267.09	79.12
			<i>For >3 To 9, Deduct</i>	-383.16	
			<i>For >9, Deduct</i>	-791.87	
10 11 13 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	5,789.04	84.27
			<i>For >3 To 9, Deduct</i>	-421.54	
			<i>For >9, Deduct</i>	-871.18	
10 11 13 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	6,770.78	84.27
			<i>For >3 To 9, Deduct</i>	-495.17	
			<i>For >9, Deduct</i>	-1,023.35	
10 11 13 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	7,342.77	90.59
			<i>For >3 To 9, Deduct</i>	-537.12	
			<i>For >9, Deduct</i>	-1,110.05	
10 11 13 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard	8,245.14	90.59
			<i>For >3 To 9, Deduct</i>	-604.80	
			<i>For >9, Deduct</i>	-1,249.91	
10 11 13 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards		
			(Claridge MO Series) (10 11 13 33)		
			Note: Excludes remotes.		
10 11 13 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel		
			Chalkboards (10 11 13 33-0051)		
10 11 13 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,597.14	158.23
			<i>For >3 To 9, Deduct</i>	-546.05	
			<i>For >9, Deduct</i>	-1,128.50	
10 11 13 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,816.00	158.23
			<i>For >3 To 9, Deduct</i>	-562.46	
			<i>For >9, Deduct</i>	-1,162.43	
10 11 13 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,057.98	163.19
			<i>For >3 To 9, Deduct</i>	-579.87	
			<i>For >9, Deduct</i>	-1,198.40	
10 11 13 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,458.85	163.19
			<i>For >3 To 9, Deduct</i>	-609.94	
			<i>For >9, Deduct</i>	-1,260.53	
10 11 13 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,899.85	168.13
			<i>For >3 To 9, Deduct</i>	-642.27	
			<i>For >9, Deduct</i>	-1,327.36	
10 11 13 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,286.54	168.13
			<i>For >3 To 9, Deduct</i>	-671.27	
			<i>For >9, Deduct</i>	-1,387.29	
10 11 13 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,123.94	178.02
			<i>For >3 To 9, Deduct</i>	-732.59	
			<i>For >9, Deduct</i>	-1,514.02	
10 11 13 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,230.91	178.02
			<i>For >3 To 9, Deduct</i>	-740.62	
			<i>For >9, Deduct</i>	-1,530.60	
10 11 13 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel		
			Steel Chalkboards (10 11 13 33-0051)		
10 11 13 33-0062	EA		10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,987.99	158.23
			<i>For >3 To 9, Deduct</i>	-875.36	
			<i>For >9, Deduct</i>	-1,809.08	
10 11 13 33-0063	EA		10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,277.34	158.23
			<i>For >3 To 9, Deduct</i>	-897.06	
			<i>For >9, Deduct</i>	-1,853.93	
10 11 13 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,598.33	163.19
			<i>For >3 To 9, Deduct</i>	-920.40	
			<i>For >9, Deduct</i>	-1,902.15	
10 11 13 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,187.44	163.19
			<i>For >3 To 9, Deduct</i>	-964.58	
			<i>For >9, Deduct</i>	-1,993.47	
10 11 13 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	13,771.32	168.13
			<i>For >3 To 9, Deduct</i>	-1,007.63	
			<i>For >9, Deduct</i>	-2,082.43	
10 11 13 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,331.14	168.13
			<i>For >3 To 9, Deduct</i>	-1,049.62	
			<i>For >9, Deduct</i>	-2,169.21	
10 11 13 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,463.57	178.02
			<i>For >3 To 9, Deduct</i>	-1,133.06	
			<i>For >9, Deduct</i>	-2,341.67	
10 11 13 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,633.10	178.02
			<i>For >3 To 9, Deduct</i>	-1,145.78	
			<i>For >9, Deduct</i>	-2,367.94	
10 11 13 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel		
			Steel Chalkboards (10 11 13 33-0051)		
10 11 13 33-0071	EA		10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	15,593.54	158.23
			<i>For >3 To 9, Deduct</i>	-1,145.78	
			<i>For >9, Deduct</i>	-2,367.94	
10 11 13 33-0072	EA		10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,323.84	158.23
			<i>For >3 To 9, Deduct</i>	-1,200.55	
			<i>For >9, Deduct</i>	-2,481.14	
10 11 13 33-0073	EA		10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard	16,708.70	163.19
			<i>For >3 To 9, Deduct</i>	-1,228.67	
			<i>For >9, Deduct</i>	-2,539.26	

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

10 11 13 33-0074	EA			10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	17,474.72 -1,286.13 -2,657.99	163.19
10 11 13 33-0075	EA			10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	18,278.03 -1,345.63 -2,780.97	168.13
10 11 13 33-0076	EA			10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	19,052.55 -1,403.72 -2,901.02	168.13
10 11 13 33-0077	EA			10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	20,576.39 -1,516.53 -3,134.15	178.02
10 11 13 33-0078	EA			10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	20,874.64 -1,538.90 -3,180.38	178.02

10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories (10 11 13 33)

10 11 13 33-0080	EA			One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	573.97 -42.45 -87.74	
10 11 13 33-0081	EA			Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	981.26 -73.00 -150.87	

10 11 16 Markerboards (10 11)

10 11 16 13 Fixed Markerboards (10 11 16)

Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.

10 11 16 13-0001 Porcelain Enamel Steel Markerboards (10 11 16 13)

10 11 16 13-0002 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) (10 11 16 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0003	SF			Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	40.54	6.73
10 11 16 13-0004	SF			>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	26.88	3.16
10 11 16 13-0005	SF			>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	22.77	2.73
10 11 16 13-0006	SF			>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	19.31	1.78
10 11 16 13-0007	SF			>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	15.98	0.99

10 11 16 13-0008 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) (10 11 16 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0009	SF			Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	42.91	6.73
10 11 16 13-0010	SF			>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	27.59	3.16
10 11 16 13-0011	SF			>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	23.83	2.73
10 11 16 13-0012	SF			>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	20.65	1.78
10 11 16 13-0013	SF			>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	18.17	0.99

10 11 16 13-0014 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) (10 11 16 13-0001)

Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.

10 11 16 13-0015	SF			Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	38.82	6.73
10 11 16 13-0016	SF			>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	24.77	3.16
10 11 16 13-0017	SF			>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	22.41	2.73
10 11 16 13-0018	SF			>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	17.97	1.78
10 11 16 13-0019	SF			>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	14.53	0.99

10 11 16 13-0020 Melamine Markerboards (10 11 16 13)

10 11 16 13-0021 1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)

Note: Includes full length map rail, map hooks, marker tray and mounting hardware.

10 11 16 13-0022	SF			Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	31.56	6.73
10 11 16 13-0023	SF			>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	19.76	3.16
10 11 16 13-0024	SF			>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	17.15	2.73
10 11 16 13-0025	SF			>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	13.01	1.78
10 11 16 13-0026	SF			>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	10.75	0.99

10 11 16 13-0027 1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)

Note: Includes marker tray and mounting hardware.

10 11 16 13-0028	SF			Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	30.76	6.73
10 11 16 13-0029	SF			>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	19.39	3.16
10 11 16 13-0030	SF			>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	16.62	2.73
10 11 16 13-0031	SF			>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	12.06	1.78
10 11 16 13-0032	SF			>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	9.88	0.99

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 11 16 13-0033	Nonporous, Non-Staining Markerboards <small>(10 11 16 13)</small>		
10 11 16 13-0034	5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0035	SF Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	31.19	6.73
	For Magnetic Surface, Add	1.77	
10 11 16 13-0036	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	19.83	3.16
	For Magnetic Surface, Add	1.35	
10 11 16 13-0037	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.10	2.73
	For Magnetic Surface, Add	1.16	
10 11 16 13-0038	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.74	1.78
	For Magnetic Surface, Add	1.12	
10 11 16 13-0039	SF >24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	12.40	0.99
	For Magnetic Surface, Add	1.04	
10 11 16 13-0040	1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0041	SF Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	31.19	6.73
	For Magnetic Surface, Add	1.77	
10 11 16 13-0042	SF >6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	19.83	3.16
	For Magnetic Surface, Add	1.35	
10 11 16 13-0043	SF >12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	17.10	2.73
	For Magnetic Surface, Add	1.16	
10 11 16 13-0044	SF >16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	14.74	1.78
	For Magnetic Surface, Add	1.12	
10 11 16 13-0045	SF >24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard	12.40	0.99
	For Magnetic Surface, Add	1.04	
10 11 16 13-0046	1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard.....	53.17	6.73
	For Magnetic Surface, Add	3.97	
10 11 16 13-0048	SF >6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard.....	33.03	3.16
	For Magnetic Surface, Add	2.67	
10 11 16 13-0049	SF >12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard.....	27.95	2.73
	For Magnetic Surface, Add	2.25	
10 11 16 13-0050	SF >16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard.....	23.32	1.78
	For Magnetic Surface, Add	1.98	
10 11 16 13-0051	SF >24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard.....	17.88	0.99
	For Magnetic Surface, Add	1.59	
10 11 16 13-0052	Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) <small>(10 11 16 13-0033)</small> Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	13.85	2.73
10 11 16 13-0054	SF >16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	11.51	1.78
10 11 16 13-0055	SF >24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	9.38	0.99
10 11 16 13-0056	Remove And Reinstall Markerboard <small>(10 11 16 13)</small>		
10 11 16 13-0057	EA Up To 6 SF, Remove And Reinstall Markerboard	47.47	
10 11 16 13-0058	EA >6 To 12 SF, Remove And Reinstall Markerboard	55.38	
10 11 16 13-0059	EA >12 To 16 SF, Remove And Reinstall Markerboard	63.30	
10 11 16 13-0060	EA >16 To 24 SF, Remove And Reinstall Markerboard	71.21	
10 11 16 13-0061	EA >24 SF, Remove And Reinstall Markerboard.....	79.12	
10 11 16 13-0062	Field Applied Markerboard And Accessories <small>(10 11 16 13)</small>		
10 11 16 13-0063	Markerboard Face Sheets And Panels <small>(10 11 16 13-0062)</small>		
10 11 16 13-0064	SF Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS).....	12.89	3.16
	Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0065	SF Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick).....	15.38	3.16
	Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.		
10 11 16 13-0066	SF Porcelain Enamel Steel Markerboard Panel (Claridge LCS).....	15.32	3.16
	Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.		
10 11 16 13-0067	SF Melamine Markerboard Panel (Claridge 1032)	8.37	3.16
	Note: Includes 1/4" thick melamine panel.		

10 11 16 13-0068	Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 16 13-0062)</small>			
	<small>See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.</small>			
10 11 16 33	Rail-Mounted Markerboards <small>(10 11 16)</small>			
10 11 16 33-0001	Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) <small>(10 11 16 33)</small>			
10 11 16 33-0002	Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>			
10 11 16 33-0003	EA 4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	1,938.61		79.12
10 11 16 33-0004	EA 4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,175.81		79.12
10 11 16 33-0005	EA 4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,462.98		84.27
10 11 16 33-0006	EA 4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,739.86		84.27
10 11 16 33-0007	EA 4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,424.42		90.59
10 11 16 33-0008	EA 4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,643.67		90.59
10 11 16 33-0009	EA 4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,112.59		94.94
10 11 16 33-0010	EA 4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,660.69		94.94
10 11 16 33-0011	Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>			
10 11 16 33-0012	EA 4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,670.04		79.12
10 11 16 33-0013	EA 4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,169.95		79.12
10 11 16 33-0014	EA 4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,627.22		84.27
10 11 16 33-0015	EA 4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,085.54		84.27
10 11 16 33-0016	EA 4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,658.59		90.59
10 11 16 33-0017	EA 4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,856.11		90.59
10 11 16 33-0018	EA 4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,694.51		94.94
10 11 16 33-0019	EA 4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	6,364.52		94.94
10 11 16 33-0020	Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>			
10 11 16 33-0021	EA 4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,981.89		79.12
10 11 16 33-0022	EA 4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,389.19		79.12
10 11 16 33-0023	EA 4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,828.50		84.27
10 11 16 33-0024	EA 4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,297.22		84.27
10 11 16 33-0025	EA 4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,210.47		90.59
10 11 16 33-0026	EA 4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,421.21		90.59
10 11 16 33-0027	EA 4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	6,402.32		94.94
10 11 16 33-0028	EA 4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	7,169.66		94.94
10 11 16 33-0029	Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) <small>(10 11 16 33)</small>			
10 11 16 33-0030	One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>			
10 11 16 33-0031	EA 8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,320.39		79.12
10 11 16 33-0032	EA 8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,559.47		79.12
10 11 16 33-0033	EA 8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,795.62		84.27
10 11 16 33-0034	EA 8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,208.58		84.27
10 11 16 33-0035	EA 8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,505.69		90.59
10 11 16 33-0036	EA 8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,885.59		90.59
10 11 16 33-0037	Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>			
10 11 16 33-0038	EA 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,401.47		79.12
10 11 16 33-0039	EA 8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,769.07		79.12
10 11 16 33-0040	EA 8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,135.63		84.27
10 11 16 33-0041	EA 8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,809.42		84.27
10 11 16 33-0042	EA 8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,214.25		90.59
10 11 16 33-0043	EA 8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,822.84		90.59
10 11 16 33-0044	Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>			
10 11 16 33-0045	EA 8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,647.93		79.12
10 11 16 33-0046	EA 8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,146.89		79.12
10 11 16 33-0047	EA 8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	5,644.80		84.27
10 11 16 33-0048	EA 8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	6,578.46		84.27
10 11 16 33-0049	EA 8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,102.36		90.59
10 11 16 33-0050	EA 8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,956.65		90.59
10 11 16 33-0051	Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) <small>(10 11 16 33)</small>			
	<small>Note: Excludes remotes.</small>			
10 11 16 33-0052	One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>			
10 11 16 33-0053	EA 10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,557.07		158.23

10 Specialties
10 10 Information Specialties
10 11 Visual Display Units

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,765.92	158.23
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	7,997.88	163.19
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,378.71	163.19
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,799.68	168.13
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,166.34	168.13
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,983.70	178.02
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	10,070.64	178.02
10 11 16 33-0061		Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>		
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,907.85	158.23
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,177.18	158.23
10 11 16 33-0064	EA	10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	12,478.13	163.19
10 11 16 33-0065	EA	10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,027.17	163.19
10 11 16 33-0066	EA	10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,570.98	168.13
10 11 16 33-0067	EA	10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,090.74	168.13
10 11 16 33-0068	EA	10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,183.09	178.02
10 11 16 33-0069	EA	10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,312.56	178.02
10 11 16 33-0070		Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>		
10 11 16 33-0071	EA	10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,473.34	158.23
10 11 16 33-0072	EA	10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,173.58	158.23
10 11 16 33-0073	EA	10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,528.39	163.19
10 11 16 33-0074	EA	10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,234.31	163.19
10 11 16 33-0075	EA	10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,977.52	168.13
10 11 16 33-0076	EA	10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	18,691.94	168.13
10 11 16 33-0077	EA	10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	20,155.68	178.02
10 11 16 33-0078	EA	10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	20,393.82	178.02
10 11 16 33-0079		Sliding Chalkboard And Markerboard Accessories <small>(10 11 16 33)</small> See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23 Tackboards <small>(10 11)</small>				
10 11 23 13 Fixed Tackboards <small>(10 11 23)</small>		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001 Fixed Tackboards <small>(10 11 23 13)</small>		Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002 Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small>		Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0002)</small>				
10 11 23 13-0004	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	26.13	6.73
10 11 23 13-0005	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	15.15	3.16
10 11 23 13-0006	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	13.14	2.73
10 11 23 13-0007	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.65	1.78
10 11 23 13-0008	SF	>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	8.88	0.99
10 11 23 13-0009 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) <small>(10 11 23 13-0002)</small>				
10 11 23 13-0010	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	27.63	6.73
10 11 23 13-0011	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	15.84	3.16
10 11 23 13-0012	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	12.78	2.73
10 11 23 13-0013	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.10	1.78
10 11 23 13-0014	SF	>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	8.02	0.99
10 11 23 13-0015 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0002)</small>				
10 11 23 13-0016	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	27.78	6.73
10 11 23 13-0017	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	17.30	3.16
10 11 23 13-0018	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	16.09	2.73
10 11 23 13-0019	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	12.50	1.78
10 11 23 13-0020	SF	>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	10.03	0.99
10 11 23 13-0021 Burlap Backed Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small>		Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0001)</small>				
10 11 23 13-0023	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	30.46	6.73
10 11 23 13-0024	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	20.35	3.16
10 11 23 13-0025	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	18.63	2.73
10 11 23 13-0026	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	16.16	1.78
10 11 23 13-0027	SF	>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	14.49	0.99

10 11 23 13-0028			1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0021)</small>		
10 11 23 13-0029	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	34.08	6.73
10 11 23 13-0030	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	24.22	3.16
10 11 23 13-0031	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	22.53	2.73
10 11 23 13-0032	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	19.00	1.78
10 11 23 13-0033	SF		>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard	16.56	0.99

10 11 23 13-0034			Polyester Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035			5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0034)</small>		
10 11 23 13-0036	SF		Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	27.15	6.73
10 11 23 13-0037	SF		>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	16.41	3.16
10 11 23 13-0038	SF		>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	14.56	2.73
10 11 23 13-0039	SF		>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	12.10	1.78
10 11 23 13-0040	SF		>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard	10.18	0.99

10 11 23 13-0041			1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0034)</small>		
10 11 23 13-0042	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	29.20	6.73
10 11 23 13-0043	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	19.07	3.16
10 11 23 13-0044	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	17.74	2.73
10 11 23 13-0045	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	14.31	1.78
10 11 23 13-0046	SF		>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard	11.92	0.99

10 11 23 13-0047			Vinyl Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23 13-0048			5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0047)</small>		
10 11 23 13-0049	SF		Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	26.13	6.73
10 11 23 13-0050	SF		>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	15.23	3.16
10 11 23 13-0051	SF		>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	13.26	2.73
10 11 23 13-0052	SF		>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	10.65	1.78
10 11 23 13-0053	SF		>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard	8.70	0.99

10 11 23 13-0054			1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0047)</small>		
10 11 23 13-0055	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	27.78	6.73
10 11 23 13-0056	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	18.03	3.16
10 11 23 13-0057	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	16.09	2.73
10 11 23 13-0058	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	12.50	1.78
10 11 23 13-0059	SF		4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard	10.03	0.99

10 12			Display Cases <small>(10 10)</small>		
10 12 00 00-0001			Counter Display Cases <small>(10 12)</small>		
10 12 00 00-0002	EA		30" x 12" x 36" Counter Display Cases.....	909.53	121.22
10 12 00 00-0003	EA		30" x 12" x 48" Counter Display Cases.....	977.60	121.22
10 12 00 00-0004	EA		30" x 18" x 36" Counter Display Cases.....	949.87	121.22
10 12 00 00-0005	EA		30" x 18" x 48" Counter Display Cases.....	910.49	53.88

10 12 00 00-0006			Upright Display Case <small>(10 12)</small>		
10 12 00 00-0007	EA		72 In x 20 In x 70 In Upright Display Case.....	1,832.88	121.22

10 12 00 00-0008			Full Vision Display Case <small>(10 12)</small>		
10 12 00 00-0009	EA		38 In x 20 In x 70 In Full Vision Display Case.....	1,217.29	121.22

10 13			Directories <small>(10 10)</small>		
10 13 16			Directory And Bulletin Boards <small>(10 13)</small>		
Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.					
10 13 16 00-0001			Wall Mounted Directories <small>(10 13 16)</small> Note: Includes changeable letters.		
10 13 16 00-0002			Open Face, Wall Mounted Directories <small>(10 13 16 00-0001)</small> Note: Includes vinyl or felt back panel.		
10 13 16 00-0003			Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) <small>(10 13 16 00-0002)</small>		
10 13 16 00-0004	SF		Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory.....	45.27	6.73

MINOR	CSI	UOM	DESCRIPTION
-------	-----	-----	-------------

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

10 13 16 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory.....	30.19	3.16
10 13 16 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	27.51	2.73
10 13 16 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	21.16	1.78
10 13 16 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	17.09	0.99

10 13 16 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) (10 13 16 00-0002)

10 13 16 00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	45.74	6.73
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	30.51	3.16
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	28.14	2.73
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	20.14	1.78
		<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory.....	17.56	0.99
		<i>For Bronze Anodize Finish, Add</i>	12.00	

10 13 16 00-0015 Glass Encased, Wall Mounted Directory Cabinets (10 13 16 00-0001)
Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.

10 13 16 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (10 13 16 00-0015)

10 13 16 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) (10 13 16 00-0016)

10 13 16 00-0018	SF	Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	116.30	6.73
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0019	SF	>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	94.29	3.16
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0020	SF	>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	78.93	2.73
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0021	SF	>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	73.45	1.78
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0022	SF	>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	66.70	0.99
		<i>For Fluorescent Lights, Add</i>	15.00	

10 13 16 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) (10 13 16 00-0016)

10 13 16 00-0024	SF	Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	99.60	6.73
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0025	SF	>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	81.56	2.73
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0026	SF	>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	58.57	1.78
		<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0027	SF	>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet.....	53.00	0.99
		<i>For Fluorescent Lights, Add</i>	15.00	

10 13 16 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (10 13 16 00-0015)

10 13 16 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) (10 13 16 00-0028)

10 13 16 00-0030	SF	Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	103.78	6.73
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	18.07	
10 13 16 00-0031	SF	>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	81.31	3.16
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	15.00	
10 13 16 00-0032	SF	>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	68.79	2.73
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	12.67	
10 13 16 00-0033	SF	>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	50.66	1.78
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	9.42	
10 13 16 00-0034	SF	>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	47.57	0.99
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	9.12	

10 13 16 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) (10 13 16 00-0028)

10 13 16 00-0036	SF	Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	161.59	6.73
		<i>For Fluorescent Lights, Add</i>	15.00	
		<i>For Bronze Anodize Finish, Add</i>	12.00	
		<i>For Header Panel, Add</i>	29.63	

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

10 13 16 00-0037	SF			>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	94.23	3.16
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	17.58	
10 13 16 00-0038	SF			>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	79.36	2.73
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	14.78	
10 13 16 00-0039	SF			>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	61.33	1.78
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	11.55	
10 13 16 00-0040	SF			>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet.....	57.02	0.99
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	11.01	
10 13 16 00-0041				Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 16 00-0001)</small>		
				Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0042				Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 16 00-0041)</small>		
10 13 16 00-0043				Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) <small>(10 13 16 00-0042)</small>		
10 13 16 00-0044	SF			Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	158.67	6.73
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0045	SF			>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	106.59	3.16
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0046	SF			>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	103.74	2.73
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
10 13 16 00-0047				Wall Mounted Bulletin Boards <small>(10 13 16)</small>		
10 13 16 00-0048				Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0047)</small>		
				Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0049				Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0048)</small>		
10 13 16 00-0050				Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) <small>(10 13 16 00-0049)</small>		
10 13 16 00-0051	SF			Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	113.46	6.73
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0052	SF			>6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	92.17	3.16
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0053	SF			>12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	76.81	2.73
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0054	SF			>16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	71.44	1.78
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0055	SF			>24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	65.76	0.99
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0056				Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) <small>(10 13 16 00-0049)</small>		
10 13 16 00-0057	SF			Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	94.56	6.73
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0058	SF			>12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	76.78	2.73
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0059	SF			>16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	54.87	1.78
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0060	SF			>24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	50.17	0.99
				<i>For Fluorescent Lights, Add</i>	15.00	
10 13 16 00-0061				Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0048)</small>		
10 13 16 00-0062				Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 16 00-0061)</small>		
10 13 16 00-0063	SF			Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	106.37	6.73
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	18.58	
10 13 16 00-0064	SF			>6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	83.90	3.16
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	15.51	
10 13 16 00-0065	SF			>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	71.37	2.73
				<i>For Fluorescent Lights, Add</i>	15.00	
				<i>For Bronze Anodize Finish, Add</i>	12.00	
				<i>For Header Panel, Add</i>	13.18	

10 Specialties
10 10 Information Specialties
10 13 Directories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 16 00-0066	SF		>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	53.25 15.00 12.00 9.94	1.78
10 13 16 00-0067	SF		>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	50.17 15.00 12.00 9.64	0.99
10 13 16 00-0068			Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 16 00-0061)</small>		
10 13 16 00-0069	SF		Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	164.18 15.00 12.00 30.15	6.73
10 13 16 00-0070	SF		>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	96.81 15.00 12.00 18.10	3.16
10 13 16 00-0071	SF		>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	81.95 15.00 12.00 15.30	2.73
10 13 16 00-0072	SF		>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	63.92 15.00 12.00 12.07	1.78
10 13 16 00-0073	SF		>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet For Fluorescent Lights, Add For Bronze Anodize Finish, Add For Header Panel, Add	59.61 15.00 12.00 11.53	0.99
10 13 16 00-0074			Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 16 00-0075			Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0074)</small>		
10 13 16 00-0076			Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 16 00-0075)</small>		
10 13 16 00-0077	SF		Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet For Fluorescent Lights, Add For Bronze Anodize Finish, Add	156.08 15.00 12.00	6.73
10 13 16 00-0078	SF		>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... For Fluorescent Lights, Add For Bronze Anodize Finish, Add	104.00 15.00 12.00	3.16
10 13 16 00-0079	SF		>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet..... For Fluorescent Lights, Add For Bronze Anodize Finish, Add	101.18 15.00 12.00	2.73
10 14			Signage <small>(10 10)</small>		
10 14 19			Dimensional Letter Signage <small>(10 14)</small> Note: Mounted on masonry or concrete.		
10 14 19 00-0001			Cast Characters <small>(10 14 19)</small>		
10 14 19 00-0002			Satin Finish, Cast Aluminum Characters <small>(10 14 19 00-0001)</small>		
10 14 19 00-0003	EA		2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	35.63 -3.76 1.59 4.76 6.34 7.93	4.94
10 14 19 00-0004	EA		3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	42.09 -4.24 2.07 6.22 8.29 10.37	5.33
10 14 19 00-0005	EA		4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	46.10 -4.60 2.32 6.95 9.27 11.59	5.74
10 14 19 00-0006	EA		5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	52.92 -5.26 2.68 8.05 10.73 13.42	6.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0007	EA		6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	58.18	6.92
			<i>For Installation With Adhesive, Deduct</i>	-5.68	
			<i>For Clear Anodized, Add</i>	3.05	
			<i>For Satin Face And Enameled Return, Add</i>	9.15	
			<i>For Patina Finish, Add</i>	12.20	
			<i>For Color Anodized, Add</i>	15.25	
10 14 19 00-0008	EA		8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	69.44	7.91
			<i>For Installation With Adhesive, Deduct</i>	-6.64	
			<i>For Clear Anodized, Add</i>	3.78	
			<i>For Satin Face And Enameled Return, Add</i>	11.34	
			<i>For Patina Finish, Add</i>	15.12	
			<i>For Color Anodized, Add</i>	18.91	
10 14 19 00-0009	EA		9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	77.13	8.30
			<i>For Installation With Adhesive, Deduct</i>	-7.18	
			<i>For Clear Anodized, Add</i>	4.39	
			<i>For Satin Face And Enameled Return, Add</i>	13.17	
			<i>For Patina Finish, Add</i>	17.56	
			<i>For Color Anodized, Add</i>	21.96	
10 14 19 00-0010	EA		10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	88.03	8.90
			<i>For Installation With Adhesive, Deduct</i>	-7.96	
			<i>For Clear Anodized, Add</i>	5.25	
			<i>For Satin Face And Enameled Return, Add</i>	15.74	
			<i>For Patina Finish, Add</i>	20.98	
			<i>For Color Anodized, Add</i>	26.23	
10 14 19 00-0011	EA		12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	106.99	10.28
			<i>For Installation With Adhesive, Deduct</i>	-9.46	
			<i>For Clear Anodized, Add</i>	6.59	
			<i>For Satin Face And Enameled Return, Add</i>	19.76	
			<i>For Patina Finish, Add</i>	26.34	
			<i>For Color Anodized, Add</i>	32.93	
10 14 19 00-0012	EA		14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	127.95	11.87
			<i>For Installation With Adhesive, Deduct</i>	-11.14	
			<i>For Clear Anodized, Add</i>	8.05	
			<i>For Satin Face And Enameled Return, Add</i>	24.15	
			<i>For Patina Finish, Add</i>	32.20	
			<i>For Color Anodized, Add</i>	40.25	
10 14 19 00-0013	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	140.57	13.18
			<i>For Installation With Adhesive, Deduct</i>	-12.30	
			<i>For Clear Anodized, Add</i>	8.78	
			<i>For Satin Face And Enameled Return, Add</i>	26.35	
			<i>For Patina Finish, Add</i>	35.13	
			<i>For Color Anodized, Add</i>	43.91	
10 14 19 00-0014	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	156.95	14.24
			<i>For Installation With Adhesive, Deduct</i>	-13.54	
			<i>For Clear Anodized, Add</i>	10.00	
			<i>For Satin Face And Enameled Return, Add</i>	30.00	
			<i>For Patina Finish, Add</i>	40.00	
			<i>For Color Anodized, Add</i>	50.01	
10 14 19 00-0015	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	190.12	15.82
			<i>For Installation With Adhesive, Deduct</i>	-15.83	
			<i>For Clear Anodized, Add</i>	12.69	
			<i>For Satin Face And Enameled Return, Add</i>	38.06	
			<i>For Patina Finish, Add</i>	50.74	
			<i>For Color Anodized, Add</i>	63.43	
10 14 19 00-0016	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	229.74	17.79
			<i>For Installation With Adhesive, Deduct</i>	-18.61	
			<i>For Clear Anodized, Add</i>	15.86	
			<i>For Satin Face And Enameled Return, Add</i>	47.57	
			<i>For Patina Finish, Add</i>	63.42	
			<i>For Color Anodized, Add</i>	79.28	
10 14 19 00-0017	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	276.68	19.77
			<i>For Installation With Adhesive, Deduct</i>	-21.74	
			<i>For Clear Anodized, Add</i>	19.76	
			<i>For Satin Face And Enameled Return, Add</i>	59.28	
			<i>For Patina Finish, Add</i>	79.04	
			<i>For Color Anodized, Add</i>	98.80	
10 14 19 00-0018			Satin Finish, Cast Bronze Characters <small>(10 14 19 00-0001)</small>		
10 14 19 00-0019	EA		2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	45.56	5.44
			<i>For Installation With Adhesive, Deduct</i>	-4.45	
			<i>For Oxidized Finish, Add</i>	3.57	
			<i>For Polished Or Patina Finish, Add</i>	7.14	
10 14 19 00-0020	EA		3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	65.69	5.93
			<i>For Installation With Adhesive, Deduct</i>	-5.66	
			<i>For Oxidized Finish, Add</i>	6.29	
			<i>For Polished Or Patina Finish, Add</i>	12.59	
10 14 19 00-0021	EA		4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	71.80	6.33
			<i>For Installation With Adhesive, Deduct</i>	-6.12	
			<i>For Oxidized Finish, Add</i>	6.97	
			<i>For Polished Or Patina Finish, Add</i>	13.95	
10 14 19 00-0022	EA		5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	87.44	7.11
			<i>For Installation With Adhesive, Deduct</i>	-7.22	
			<i>For Oxidized Finish, Add</i>	8.85	
			<i>For Polished Or Patina Finish, Add</i>	17.69	
10 14 19 00-0023	EA		6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	97.36	7.59
			<i>For Installation With Adhesive, Deduct</i>	-7.91	
			<i>For Oxidized Finish, Add</i>	10.04	
			<i>For Polished Or Patina Finish, Add</i>	20.07	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0024	EA		8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	130.06	8.70
			<i>For Installation With Adhesive, Deduct</i>	-9.98	
			<i>For Oxidized Finish, Add</i>	14.29	
			<i>For Polished Or Patina Finish, Add</i>	28.58	
10 14 19 00-0025	EA		9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	148.65	9.10
			<i>For Installation With Adhesive, Deduct</i>	-11.07	
			<i>For Oxidized Finish, Add</i>	16.84	
			<i>For Polished Or Patina Finish, Add</i>	33.68	
10 14 19 00-0026	EA		10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	166.55	9.88
			<i>For Installation With Adhesive, Deduct</i>	-12.28	
			<i>For Oxidized Finish, Add</i>	19.05	
			<i>For Polished Or Patina Finish, Add</i>	38.10	
10 14 19 00-0027	EA		12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	197.83	11.47
			<i>For Installation With Adhesive, Deduct</i>	-14.48	
			<i>For Oxidized Finish, Add</i>	22.79	
			<i>For Polished Or Patina Finish, Add</i>	45.59	
10 14 19 00-0028	EA		14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	232.51	13.05
			<i>For Installation With Adhesive, Deduct</i>	-16.85	
			<i>For Oxidized Finish, Add</i>	27.05	
			<i>For Polished Or Patina Finish, Add</i>	54.09	
10 14 19 00-0029	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	275.33	15.82
			<i>For Installation With Adhesive, Deduct</i>	-20.09	
			<i>For Oxidized Finish, Add</i>	31.81	
			<i>For Polished Or Patina Finish, Add</i>	63.62	
10 14 19 00-0030	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	285.74	17.01
			<i>For Installation With Adhesive, Deduct</i>	-21.09	
			<i>For Oxidized Finish, Add</i>	32.66	
			<i>For Polished Or Patina Finish, Add</i>	65.32	
10 14 19 00-0031	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	406.82	19.77
			<i>For Installation With Adhesive, Deduct</i>	-28.25	
			<i>For Oxidized Finish, Add</i>	49.16	
			<i>For Polished Or Patina Finish, Add</i>	98.32	
10 14 19 00-0032	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	490.41	22.25
			<i>For Installation With Adhesive, Deduct</i>	-33.42	
			<i>For Oxidized Finish, Add</i>	60.22	
			<i>For Polished Or Patina Finish, Add</i>	120.43	
10 14 19 00-0033	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	624.45	25.70
			<i>For Installation With Adhesive, Deduct</i>	-41.50	
			<i>For Oxidized Finish, Add</i>	78.25	
			<i>For Polished Or Patina Finish, Add</i>	156.49	
10 14 19 00-0034			Molded Characters (10 14 19)		
10 14 19 00-0035			Molded Plastic Characters (10 14 19 00-0034)		
10 14 19 00-0036	EA		4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	25.45	3.95
			<i>For Installation With Adhesive, Deduct</i>	-2.85	
10 14 19 00-0037	EA		5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	27.61	4.35
			<i>For Installation With Adhesive, Deduct</i>	-3.12	
10 14 19 00-0038	EA		6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	30.45	4.75
			<i>For Installation With Adhesive, Deduct</i>	-3.42	
10 14 19 00-0039	EA		8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	38.18	5.14
			<i>For Installation With Adhesive, Deduct</i>	-3.97	
10 14 19 00-0040	EA		9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	41.24	5.54
			<i>For Installation With Adhesive, Deduct</i>	-4.28	
10 14 19 00-0041	EA		10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	44.62	5.93
			<i>For Installation With Adhesive, Deduct</i>	-4.60	
10 14 19 00-0042	EA		12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	52.01	6.92
			<i>For Installation With Adhesive, Deduct</i>	-5.37	
10 14 19 00-0043	EA		15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	68.16	8.70
			<i>For Installation With Adhesive, Deduct</i>	-6.89	
10 14 19 00-0044	EA		18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	86.10	10.28
			<i>For Installation With Adhesive, Deduct</i>	-8.42	
10 14 19 00-0045	EA		24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	125.25	12.65
			<i>For Installation With Adhesive, Deduct</i>	-11.32	
10 14 19 00-0046	EA		30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	182.54	14.83
			<i>For Installation With Adhesive, Deduct</i>	-15.06	
10 14 19 00-0047	EA		36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	237.49	17.01
			<i>For Installation With Adhesive, Deduct</i>	-18.68	
10 14 19 00-0048	EA		48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	436.35	22.73
			<i>For Installation With Adhesive, Deduct</i>	-30.91	
10 14 19 00-0049			Cutout Characters (10 14 19)		
10 14 19 00-0050			Satin Finish, Aluminum Characters (10 14 19 00-0049)		
10 14 19 00-0051			1/4" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)		
10 14 19 00-0052	EA		2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	33.19	4.94
			<i>For Installation With Adhesive, Deduct</i>	-3.64	
			<i>For Clear Anodized, Add</i>	1.34	
			<i>For Satin Face And Enameled Return, Add</i>	4.70	
			<i>For Color Anodized, Add</i>	6.71	
			<i>For Polished Or Patina Finish, Add</i>	6.71	
			<i>For Polished Anodized Finish, Add</i>	10.07	

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

10 14 19 00-0053	EA			4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	46.10	5.74
				<i>For Installation With Adhesive, Deduct</i>	-4.60	
				<i>For Clear Anodized, Add</i>	2.32	
				<i>For Satin Face And Enameled Return, Add</i>	8.11	
				<i>For Color Anodized, Add</i>	11.59	
				<i>For Polished Or Patina Finish, Add</i>	11.59	
				<i>For Polished Anodized Finish, Add</i>	17.38	
10 14 19 00-0054	EA			6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	61.84	6.92
				<i>For Installation With Adhesive, Deduct</i>	-5.86	
				<i>For Clear Anodized, Add</i>	3.42	
				<i>For Satin Face And Enameled Return, Add</i>	11.95	
				<i>For Color Anodized, Add</i>	17.08	
				<i>For Polished Or Patina Finish, Add</i>	17.08	
				<i>For Polished Anodized Finish, Add</i>	25.61	
10 14 19 00-0055	EA			8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	75.54	7.91
				<i>For Installation With Adhesive, Deduct</i>	-6.94	
				<i>For Clear Anodized, Add</i>	4.39	
				<i>For Satin Face And Enameled Return, Add</i>	15.37	
				<i>For Color Anodized, Add</i>	21.96	
				<i>For Polished Or Patina Finish, Add</i>	21.96	
				<i>For Polished Anodized Finish, Add</i>	32.93	
10 14 19 00-0056	EA			10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	86.81	8.90
				<i>For Installation With Adhesive, Deduct</i>	-7.90	
				<i>For Clear Anodized, Add</i>	5.12	
				<i>For Satin Face And Enameled Return, Add</i>	17.93	
				<i>For Color Anodized, Add</i>	25.62	
				<i>For Polished Or Patina Finish, Add</i>	25.62	
				<i>For Polished Anodized Finish, Add</i>	38.42	
10 14 19 00-0057	EA			12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	99.67	10.28
				<i>For Installation With Adhesive, Deduct</i>	-9.10	
				<i>For Clear Anodized, Add</i>	5.85	
				<i>For Satin Face And Enameled Return, Add</i>	20.49	
				<i>For Color Anodized, Add</i>	29.27	
				<i>For Polished Or Patina Finish, Add</i>	29.27	
				<i>For Polished Anodized Finish, Add</i>	43.91	
10 14 19 00-0058	EA			14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	116.97	11.87
				<i>For Installation With Adhesive, Deduct</i>	-10.59	
				<i>For Clear Anodized, Add</i>	6.95	
				<i>For Satin Face And Enameled Return, Add</i>	24.33	
				<i>For Color Anodized, Add</i>	34.76	
				<i>For Polished Or Patina Finish, Add</i>	34.76	
				<i>For Polished Anodized Finish, Add</i>	52.14	
10 14 19 00-0059	EA			16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	138.66	14.24
				<i>For Installation With Adhesive, Deduct</i>	-12.63	
				<i>For Clear Anodized, Add</i>	8.17	
				<i>For Satin Face And Enameled Return, Add</i>	28.60	
				<i>For Color Anodized, Add</i>	40.86	
				<i>For Polished Or Patina Finish, Add</i>	40.86	
				<i>For Polished Anodized Finish, Add</i>	61.29	
10 14 19 00-0060	EA			18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	155.97	15.82
				<i>For Installation With Adhesive, Deduct</i>	-14.13	
				<i>For Clear Anodized, Add</i>	9.27	
				<i>For Satin Face And Enameled Return, Add</i>	32.45	
				<i>For Color Anodized, Add</i>	46.35	
				<i>For Polished Or Patina Finish, Add</i>	46.35	
				<i>For Polished Anodized Finish, Add</i>	69.53	
10 14 19 00-0061	EA			20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	187.05	17.79
				<i>For Installation With Adhesive, Deduct</i>	-16.47	
				<i>For Clear Anodized, Add</i>	11.59	
				<i>For Satin Face And Enameled Return, Add</i>	40.55	
				<i>For Color Anodized, Add</i>	57.94	
				<i>For Polished Or Patina Finish, Add</i>	57.94	
				<i>For Polished Anodized Finish, Add</i>	86.90	
10 14 19 00-0062	EA			22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	214.18	18.78
				<i>For Installation With Adhesive, Deduct</i>	-18.22	
				<i>For Clear Anodized, Add</i>	13.90	
				<i>For Satin Face And Enameled Return, Add</i>	48.66	
				<i>For Color Anodized, Add</i>	69.52	
				<i>For Polished Or Patina Finish, Add</i>	69.52	
				<i>For Polished Anodized Finish, Add</i>	104.28	
10 14 19 00-0063	EA			24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	264.48	19.77
				<i>For Installation With Adhesive, Deduct</i>	-21.13	
				<i>For Clear Anodized, Add</i>	18.54	
				<i>For Satin Face And Enameled Return, Add</i>	64.89	
				<i>For Color Anodized, Add</i>	92.70	
				<i>For Polished Or Patina Finish, Add</i>	92.70	
				<i>For Polished Anodized Finish, Add</i>	139.04	
10 14 19 00-0064	EA			30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	377.46	23.73
				<i>For Installation With Adhesive, Deduct</i>	-28.36	
				<i>For Clear Anodized, Add</i>	28.26	
				<i>For Satin Face And Enameled Return, Add</i>	98.90	
				<i>For Color Anodized, Add</i>	141.28	
				<i>For Polished Or Patina Finish, Add</i>	141.28	
				<i>For Polished Anodized Finish, Add</i>	211.92	

10 14 19 00-0065 3/8" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0066	EA		2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	41.77	4.94
			<i>For Installation With Adhesive, Deduct</i>	-4.07	
			<i>For Clear Anodized, Add</i>	2.20	
			<i>For Satin Face And Enameled Return, Add</i>	7.70	
			<i>For Color Anodized, Add</i>	11.00	
			<i>For Polished Or Patina Finish, Add</i>	11.00	
			<i>For Polished Anodized Finish, Add</i>	16.50	
10 14 19 00-0067	EA		4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	59.54	5.74
			<i>For Installation With Adhesive, Deduct</i>	-5.27	
			<i>For Clear Anodized, Add</i>	3.66	
			<i>For Satin Face And Enameled Return, Add</i>	12.81	
			<i>For Color Anodized, Add</i>	18.31	
			<i>For Polished Or Patina Finish, Add</i>	18.31	
			<i>For Polished Anodized Finish, Add</i>	27.46	
10 14 19 00-0068	EA		6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	75.16	6.92
			<i>For Installation With Adhesive, Deduct</i>	-6.53	
			<i>For Clear Anodized, Add</i>	4.75	
			<i>For Satin Face And Enameled Return, Add</i>	16.61	
			<i>For Color Anodized, Add</i>	23.74	
			<i>For Polished Or Patina Finish, Add</i>	23.74	
			<i>For Polished Anodized Finish, Add</i>	35.60	
10 14 19 00-0069	EA		8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	93.98	7.91
			<i>For Installation With Adhesive, Deduct</i>	-7.86	
			<i>For Clear Anodized, Add</i>	6.24	
			<i>For Satin Face And Enameled Return, Add</i>	21.82	
			<i>For Color Anodized, Add</i>	31.18	
			<i>For Polished Or Patina Finish, Add</i>	31.18	
			<i>For Polished Anodized Finish, Add</i>	46.76	
10 14 19 00-0070	EA		10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	108.83	8.90
			<i>For Installation With Adhesive, Deduct</i>	-9.00	
			<i>For Clear Anodized, Add</i>	7.33	
			<i>For Satin Face And Enameled Return, Add</i>	25.64	
			<i>For Color Anodized, Add</i>	36.63	
			<i>For Polished Or Patina Finish, Add</i>	36.63	
			<i>For Polished Anodized Finish, Add</i>	54.94	
10 14 19 00-0071	EA		12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	127.78	10.28
			<i>For Installation With Adhesive, Deduct</i>	-10.50	
			<i>For Clear Anodized, Add</i>	8.67	
			<i>For Satin Face And Enameled Return, Add</i>	30.33	
			<i>For Color Anodized, Add</i>	43.33	
			<i>For Polished Or Patina Finish, Add</i>	43.33	
			<i>For Polished Anodized Finish, Add</i>	64.99	
10 14 19 00-0072	EA		14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	149.65	11.87
			<i>For Installation With Adhesive, Deduct</i>	-12.23	
			<i>For Clear Anodized, Add</i>	10.22	
			<i>For Satin Face And Enameled Return, Add</i>	35.77	
			<i>For Color Anodized, Add</i>	51.10	
			<i>For Polished Or Patina Finish, Add</i>	51.10	
			<i>For Polished Anodized Finish, Add</i>	76.65	
10 14 19 00-0073	EA		16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	185.24	14.24
			<i>For Installation With Adhesive, Deduct</i>	-14.96	
			<i>For Clear Anodized, Add</i>	12.83	
			<i>For Satin Face And Enameled Return, Add</i>	44.91	
			<i>For Color Anodized, Add</i>	64.15	
			<i>For Polished Or Patina Finish, Add</i>	64.15	
			<i>For Polished Anodized Finish, Add</i>	96.23	
10 14 19 00-0074	EA		18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	214.36	15.82
			<i>For Installation With Adhesive, Deduct</i>	-17.05	
			<i>For Clear Anodized, Add</i>	15.11	
			<i>For Satin Face And Enameled Return, Add</i>	52.88	
			<i>For Color Anodized, Add</i>	75.55	
			<i>For Polished Or Patina Finish, Add</i>	75.55	
			<i>For Polished Anodized Finish, Add</i>	113.32	
10 14 19 00-0075	EA		20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	248.46	17.79
			<i>For Installation With Adhesive, Deduct</i>	-19.54	
			<i>For Clear Anodized, Add</i>	17.73	
			<i>For Satin Face And Enameled Return, Add</i>	62.05	
			<i>For Color Anodized, Add</i>	88.64	
			<i>For Polished Or Patina Finish, Add</i>	88.64	
			<i>For Polished Anodized Finish, Add</i>	132.96	
10 14 19 00-0076	EA		22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	278.14	18.78
			<i>For Installation With Adhesive, Deduct</i>	-21.42	
			<i>For Clear Anodized, Add</i>	20.30	
			<i>For Satin Face And Enameled Return, Add</i>	71.05	
			<i>For Color Anodized, Add</i>	101.50	
			<i>For Polished Or Patina Finish, Add</i>	101.50	
			<i>For Polished Anodized Finish, Add</i>	152.25	
10 14 19 00-0077	EA		24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	308.98	19.77
			<i>For Installation With Adhesive, Deduct</i>	-23.36	
			<i>For Clear Anodized, Add</i>	22.99	
			<i>For Satin Face And Enameled Return, Add</i>	80.46	
			<i>For Color Anodized, Add</i>	114.95	
			<i>For Polished Or Patina Finish, Add</i>	114.95	
			<i>For Polished Anodized Finish, Add</i>	172.42	
10 14 19 00-0078	EA		30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	424.21	23.73
			<i>For Installation With Adhesive, Deduct</i>	-30.70	
			<i>For Clear Anodized, Add</i>	32.93	
			<i>For Satin Face And Enameled Return, Add</i>	115.26	
			<i>For Color Anodized, Add</i>	164.66	
			<i>For Polished Or Patina Finish, Add</i>	164.66	
			<i>For Polished Anodized Finish, Add</i>	246.98	

	Specialties	10
	Information Specialties	10 10
	Signage	10 14
MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

10 14 19 00-0079	1/2" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)		
10 14 19 00-0080	EA 2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	51.70	4.94
	For Installation With Adhesive, Deduct	-4.56	
	For Clear Anodized, Add	3.19	
	For Satin Face And Enameled Return, Add	11.18	
	For Color Anodized, Add	15.97	
	For Polished Or Patina Finish, Add	15.97	
	For Polished Anodized Finish, Add	23.95	
10 14 19 00-0081	EA 4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	66.73	5.74
	For Installation With Adhesive, Deduct	-5.63	
	For Clear Anodized, Add	4.38	
	For Satin Face And Enameled Return, Add	15.33	
	For Color Anodized, Add	21.90	
	For Polished Or Patina Finish, Add	21.90	
	For Polished Anodized Finish, Add	32.85	
10 14 19 00-0082	EA 6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	83.70	6.92
	For Installation With Adhesive, Deduct	-6.95	
	For Clear Anodized, Add	5.60	
	For Satin Face And Enameled Return, Add	19.60	
	For Color Anodized, Add	28.01	
	For Polished Or Patina Finish, Add	28.01	
	For Polished Anodized Finish, Add	42.01	
10 14 19 00-0083	EA 8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	98.81	7.91
	For Installation With Adhesive, Deduct	-8.10	
	For Clear Anodized, Add	6.72	
	For Satin Face And Enameled Return, Add	23.51	
	For Color Anodized, Add	33.59	
	For Polished Or Patina Finish, Add	33.59	
	For Polished Anodized Finish, Add	50.39	
10 14 19 00-0084	EA 10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	114.98	8.90
	For Installation With Adhesive, Deduct	-9.31	
	For Clear Anodized, Add	7.94	
	For Satin Face And Enameled Return, Add	27.79	
	For Color Anodized, Add	39.70	
	For Polished Or Patina Finish, Add	39.70	
	For Polished Anodized Finish, Add	59.55	
10 14 19 00-0085	EA 12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	141.24	10.28
	For Installation With Adhesive, Deduct	-11.18	
	For Clear Anodized, Add	10.01	
	For Satin Face And Enameled Return, Add	35.04	
	For Color Anodized, Add	50.06	
	For Polished Or Patina Finish, Add	50.06	
	For Polished Anodized Finish, Add	75.08	
10 14 19 00-0086	EA 14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	173.98	11.87
	For Installation With Adhesive, Deduct	-13.44	
	For Clear Anodized, Add	12.65	
	For Satin Face And Enameled Return, Add	44.29	
	For Color Anodized, Add	63.27	
	For Polished Or Patina Finish, Add	63.27	
	For Polished Anodized Finish, Add	94.90	
10 14 19 00-0087	EA 16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	210.57	14.24
	For Installation With Adhesive, Deduct	-16.22	
	For Clear Anodized, Add	15.36	
	For Satin Face And Enameled Return, Add	53.77	
	For Color Anodized, Add	76.82	
	For Polished Or Patina Finish, Add	76.82	
	For Polished Anodized Finish, Add	115.22	
10 14 19 00-0088	EA 18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	255.15	15.82
	For Installation With Adhesive, Deduct	-19.08	
	For Clear Anodized, Add	19.19	
	For Satin Face And Enameled Return, Add	67.16	
	For Color Anodized, Add	95.94	
	For Polished Or Patina Finish, Add	95.94	
	For Polished Anodized Finish, Add	143.91	
10 14 19 00-0089	EA 20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	300.60	17.79
	For Installation With Adhesive, Deduct	-22.15	
	For Clear Anodized, Add	22.94	
	For Satin Face And Enameled Return, Add	80.30	
	For Color Anodized, Add	114.71	
	For Polished Or Patina Finish, Add	114.71	
	For Polished Anodized Finish, Add	172.07	
10 14 19 00-0090	EA 22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	344.88	18.78
	For Installation With Adhesive, Deduct	-24.76	
	For Clear Anodized, Add	26.97	
	For Satin Face And Enameled Return, Add	94.41	
	For Color Anodized, Add	134.87	
	For Polished Or Patina Finish, Add	134.87	
	For Polished Anodized Finish, Add	202.31	
10 14 19 00-0091	EA 24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	386.84	19.77
	For Installation With Adhesive, Deduct	-27.25	
	For Clear Anodized, Add	30.78	
	For Satin Face And Enameled Return, Add	107.71	
	For Color Anodized, Add	153.88	
	For Polished Or Patina Finish, Add	153.88	
	For Polished Anodized Finish, Add	230.81	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 19 00-0092	EA	30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	536.18	23.73
		<i>For Installation With Adhesive, Deduct</i>	-36.30	
		<i>For Clear Anodized, Add</i>	44.13	
		<i>For Satin Face And Enameled Return, Add</i>	154.45	
		<i>For Color Anodized, Add</i>	220.64	
		<i>For Polished Or Patina Finish, Add</i>	220.64	
		<i>For Polished Anodized Finish, Add</i>	330.96	
10 14 19 00-0093		3/4" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)		
10 14 19 00-0094	EA	2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	53.98	4.94
		<i>For Installation With Adhesive, Deduct</i>	-4.68	
		<i>For Clear Anodized, Add</i>	3.42	
		<i>For Satin Face And Enameled Return, Add</i>	11.97	
		<i>For Color Anodized, Add</i>	17.11	
		<i>For Polished Or Patina Finish, Add</i>	17.11	
		<i>For Polished Anodized Finish, Add</i>	25.66	
10 14 19 00-0095	EA	4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	69.28	5.74
		<i>For Installation With Adhesive, Deduct</i>	-5.76	
		<i>For Clear Anodized, Add</i>	4.64	
		<i>For Satin Face And Enameled Return, Add</i>	16.22	
		<i>For Color Anodized, Add</i>	23.18	
		<i>For Polished Or Patina Finish, Add</i>	23.18	
		<i>For Polished Anodized Finish, Add</i>	34.76	
10 14 19 00-0096	EA	6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	91.21	6.92
		<i>For Installation With Adhesive, Deduct</i>	-7.33	
		<i>For Clear Anodized, Add</i>	6.35	
		<i>For Satin Face And Enameled Return, Add</i>	22.23	
		<i>For Color Anodized, Add</i>	31.76	
		<i>For Polished Or Patina Finish, Add</i>	31.76	
		<i>For Polished Anodized Finish, Add</i>	47.64	
10 14 19 00-0097	EA	8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	120.76	7.91
		<i>For Installation With Adhesive, Deduct</i>	-9.20	
		<i>For Clear Anodized, Add</i>	8.91	
		<i>For Satin Face And Enameled Return, Add</i>	31.20	
		<i>For Color Anodized, Add</i>	44.57	
		<i>For Polished Or Patina Finish, Add</i>	44.57	
		<i>For Polished Anodized Finish, Add</i>	66.85	
10 14 19 00-0098	EA	10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	151.35	8.90
		<i>For Installation With Adhesive, Deduct</i>	-11.13	
		<i>For Clear Anodized, Add</i>	11.58	
		<i>For Satin Face And Enameled Return, Add</i>	40.52	
		<i>For Color Anodized, Add</i>	57.89	
		<i>For Polished Or Patina Finish, Add</i>	57.89	
		<i>For Polished Anodized Finish, Add</i>	86.83	
10 14 19 00-0099	EA	12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	189.83	10.28
		<i>For Installation With Adhesive, Deduct</i>	-13.60	
		<i>For Clear Anodized, Add</i>	14.87	
		<i>For Satin Face And Enameled Return, Add</i>	52.05	
		<i>For Color Anodized, Add</i>	74.35	
		<i>For Polished Or Patina Finish, Add</i>	74.35	
		<i>For Polished Anodized Finish, Add</i>	111.53	
10 14 19 00-0100	EA	14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	236.55	11.87
		<i>For Installation With Adhesive, Deduct</i>	-16.57	
		<i>For Clear Anodized, Add</i>	18.91	
		<i>For Satin Face And Enameled Return, Add</i>	66.19	
		<i>For Color Anodized, Add</i>	94.55	
		<i>For Polished Or Patina Finish, Add</i>	94.55	
		<i>For Polished Anodized Finish, Add</i>	141.83	
10 14 19 00-0101	EA	16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	292.29	14.24
		<i>For Installation With Adhesive, Deduct</i>	-20.31	
		<i>For Clear Anodized, Add</i>	23.54	
		<i>For Satin Face And Enameled Return, Add</i>	82.37	
		<i>For Color Anodized, Add</i>	117.68	
		<i>For Polished Or Patina Finish, Add</i>	117.68	
		<i>For Polished Anodized Finish, Add</i>	176.51	
10 14 19 00-0102	EA	18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	357.12	15.82
		<i>For Installation With Adhesive, Deduct</i>	-24.18	
		<i>For Clear Anodized, Add</i>	29.39	
		<i>For Satin Face And Enameled Return, Add</i>	102.85	
		<i>For Color Anodized, Add</i>	146.93	
		<i>For Polished Or Patina Finish, Add</i>	146.93	
		<i>For Polished Anodized Finish, Add</i>	220.39	
10 14 19 00-0103	EA	20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	424.58	17.79
		<i>For Installation With Adhesive, Deduct</i>	-28.35	
		<i>For Clear Anodized, Add</i>	35.34	
		<i>For Satin Face And Enameled Return, Add</i>	123.69	
		<i>For Color Anodized, Add</i>	176.70	
		<i>For Polished Or Patina Finish, Add</i>	176.70	
		<i>For Polished Anodized Finish, Add</i>	265.05	
10 14 19 00-0104	EA	22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	492.27	18.78
		<i>For Installation With Adhesive, Deduct</i>	-32.13	
		<i>For Clear Anodized, Add</i>	41.71	
		<i>For Satin Face And Enameled Return, Add</i>	146.00	
		<i>For Color Anodized, Add</i>	208.57	
		<i>For Polished Or Patina Finish, Add</i>	208.57	
		<i>For Polished Anodized Finish, Add</i>	312.85	

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

10 14 19 00-0105	EA			24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	562.96	19.77
				<i>For Installation With Adhesive, Deduct</i>	-36.06	
				<i>For Clear Anodized, Add</i>	48.39	
				<i>For Satin Face And Enameled Return, Add</i>	169.35	
				<i>For Color Anodized, Add</i>	241.94	
				<i>For Polished Or Patina Finish, Add</i>	241.94	
				<i>For Polished Anodized Finish, Add</i>	362.90	
10 14 19 00-0106	EA			30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	773.29	23.73
				<i>For Installation With Adhesive, Deduct</i>	-48.15	
				<i>For Clear Anodized, Add</i>	67.84	
				<i>For Satin Face And Enameled Return, Add</i>	237.44	
				<i>For Color Anodized, Add</i>	339.20	
				<i>For Polished Or Patina Finish, Add</i>	339.20	
				<i>For Polished Anodized Finish, Add</i>	508.79	

10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)

10 14 19 00-0108	EA			2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	60.02	4.94
				<i>For Installation With Adhesive, Deduct</i>	-4.98	
				<i>For Clear Anodized, Add</i>	4.03	
				<i>For Satin Face And Enameled Return, Add</i>	14.09	
				<i>For Color Anodized, Add</i>	20.13	
				<i>For Polished Or Patina Finish, Add</i>	20.13	
				<i>For Polished Anodized Finish, Add</i>	30.19	
10 14 19 00-0109	EA			4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	74.14	5.74
				<i>For Installation With Adhesive, Deduct</i>	-6.00	
				<i>For Clear Anodized, Add</i>	5.12	
				<i>For Satin Face And Enameled Return, Add</i>	17.92	
				<i>For Color Anodized, Add</i>	25.61	
				<i>For Polished Or Patina Finish, Add</i>	25.61	
				<i>For Polished Anodized Finish, Add</i>	38.41	
10 14 19 00-0110	EA			6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	97.36	6.92
				<i>For Installation With Adhesive, Deduct</i>	-7.64	
				<i>For Clear Anodized, Add</i>	6.97	
				<i>For Satin Face And Enameled Return, Add</i>	24.38	
				<i>For Color Anodized, Add</i>	34.84	
				<i>For Polished Or Patina Finish, Add</i>	34.84	
				<i>For Polished Anodized Finish, Add</i>	52.25	
10 14 19 00-0111	EA			8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	133.06	7.91
				<i>For Installation With Adhesive, Deduct</i>	-9.82	
				<i>For Clear Anodized, Add</i>	10.14	
				<i>For Satin Face And Enameled Return, Add</i>	35.50	
				<i>For Color Anodized, Add</i>	50.72	
				<i>For Polished Or Patina Finish, Add</i>	50.72	
				<i>For Polished Anodized Finish, Add</i>	76.07	
10 14 19 00-0112	EA			10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	180.55	8.90
				<i>For Installation With Adhesive, Deduct</i>	-12.59	
				<i>For Clear Anodized, Add</i>	14.50	
				<i>For Satin Face And Enameled Return, Add</i>	50.74	
				<i>For Color Anodized, Add</i>	72.49	
				<i>For Polished Or Patina Finish, Add</i>	72.49	
				<i>For Polished Anodized Finish, Add</i>	108.73	
10 14 19 00-0113	EA			12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	236.08	10.28
				<i>For Installation With Adhesive, Deduct</i>	-15.92	
				<i>For Clear Anodized, Add</i>	19.50	
				<i>For Satin Face And Enameled Return, Add</i>	68.23	
				<i>For Color Anodized, Add</i>	97.48	
				<i>For Polished Or Patina Finish, Add</i>	97.48	
				<i>For Polished Anodized Finish, Add</i>	146.21	
10 14 19 00-0114	EA			14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	298.42	11.87
				<i>For Installation With Adhesive, Deduct</i>	-19.67	
				<i>For Clear Anodized, Add</i>	25.10	
				<i>For Satin Face And Enameled Return, Add</i>	87.84	
				<i>For Color Anodized, Add</i>	125.49	
				<i>For Polished Or Patina Finish, Add</i>	125.49	
				<i>For Polished Anodized Finish, Add</i>	188.23	
10 14 19 00-0115	EA			16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	370.74	14.24
				<i>For Installation With Adhesive, Deduct</i>	-24.23	
				<i>For Clear Anodized, Add</i>	31.38	
				<i>For Satin Face And Enameled Return, Add</i>	109.83	
				<i>For Color Anodized, Add</i>	156.90	
				<i>For Polished Or Patina Finish, Add</i>	156.90	
				<i>For Polished Anodized Finish, Add</i>	235.35	
10 14 19 00-0116	EA			18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	448.88	15.82
				<i>For Installation With Adhesive, Deduct</i>	-28.77	
				<i>For Clear Anodized, Add</i>	38.56	
				<i>For Satin Face And Enameled Return, Add</i>	134.96	
				<i>For Color Anodized, Add</i>	192.81	
				<i>For Polished Or Patina Finish, Add</i>	192.81	
				<i>For Polished Anodized Finish, Add</i>	289.21	
10 14 19 00-0117	EA			20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	552.04	17.79
				<i>For Installation With Adhesive, Deduct</i>	-34.72	
				<i>For Clear Anodized, Add</i>	48.09	
				<i>For Satin Face And Enameled Return, Add</i>	168.30	
				<i>For Color Anodized, Add</i>	240.43	
				<i>For Polished Or Patina Finish, Add</i>	240.43	
				<i>For Polished Anodized Finish, Add</i>	360.65	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0118	EA		22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	657.73	18.78
			<i>For Installation With Adhesive, Deduct</i>	-40.40	
			<i>For Clear Anodized, Add</i>	58.26	
			<i>For Satin Face And Enameled Return, Add</i>	203.91	
			<i>For Color Anodized, Add</i>	291.30	
			<i>For Polished Or Patina Finish, Add</i>	291.30	
			<i>For Polished Anodized Finish, Add</i>	436.94	
10 14 19 00-0119	EA		24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	776.16	19.77
			<i>For Installation With Adhesive, Deduct</i>	-46.72	
			<i>For Clear Anodized, Add</i>	69.71	
			<i>For Satin Face And Enameled Return, Add</i>	243.97	
			<i>For Color Anodized, Add</i>	348.54	
			<i>For Polished Or Patina Finish, Add</i>	348.54	
			<i>For Polished Anodized Finish, Add</i>	522.80	
10 14 19 00-0120	EA		30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,096.01	23.73
			<i>For Installation With Adhesive, Deduct</i>	-64.29	
			<i>For Clear Anodized, Add</i>	100.11	
			<i>For Satin Face And Enameled Return, Add</i>	350.39	
			<i>For Color Anodized, Add</i>	500.56	
			<i>For Polished Or Patina Finish, Add</i>	500.56	
			<i>For Polished Anodized Finish, Add</i>	750.83	
10 14 19 00-0121			Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122			1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123	EA		2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	48.48	4.94
			<i>For Installation With Adhesive, Deduct</i>	-4.40	
			<i>For Oxidized Finish, Add</i>	4.31	
			<i>For Polished Finish, Add</i>	8.61	
10 14 19 00-0124	EA		4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	62.88	5.74
			<i>For Installation With Adhesive, Deduct</i>	-5.44	
			<i>For Oxidized Finish, Add</i>	5.99	
			<i>For Polished Finish, Add</i>	11.99	
10 14 19 00-0125	EA		6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	87.16	6.92
			<i>For Installation With Adhesive, Deduct</i>	-7.13	
			<i>For Oxidized Finish, Add</i>	8.92	
			<i>For Polished Finish, Add</i>	17.84	
10 14 19 00-0126	EA		8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	114.68	7.91
			<i>For Installation With Adhesive, Deduct</i>	-8.90	
			<i>For Oxidized Finish, Add</i>	12.46	
			<i>For Polished Finish, Add</i>	24.92	
10 14 19 00-0127	EA		10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	147.34	8.90
			<i>For Installation With Adhesive, Deduct</i>	-10.93	
			<i>For Oxidized Finish, Add</i>	16.76	
			<i>For Polished Finish, Add</i>	33.53	
10 14 19 00-0128	EA		12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	186.73	10.28
			<i>For Installation With Adhesive, Deduct</i>	-13.45	
			<i>For Oxidized Finish, Add</i>	21.84	
			<i>For Polished Finish, Add</i>	43.68	
10 14 19 00-0129	EA		14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	234.06	11.87
			<i>For Installation With Adhesive, Deduct</i>	-16.45	
			<i>For Oxidized Finish, Add</i>	27.99	
			<i>For Polished Finish, Add</i>	55.98	
10 14 19 00-0130	EA		16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	285.59	14.24
			<i>For Installation With Adhesive, Deduct</i>	-19.97	
			<i>For Oxidized Finish, Add</i>	34.30	
			<i>For Polished Finish, Add</i>	68.60	
10 14 19 00-0131	EA		18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	347.43	15.82
			<i>For Installation With Adhesive, Deduct</i>	-23.70	
			<i>For Oxidized Finish, Add</i>	42.62	
			<i>For Polished Finish, Add</i>	85.25	
10 14 19 00-0132	EA		20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	413.64	17.79
			<i>For Installation With Adhesive, Deduct</i>	-27.80	
			<i>For Oxidized Finish, Add</i>	51.37	
			<i>For Polished Finish, Add</i>	102.74	
10 14 19 00-0133	EA		22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	509.88	18.78
			<i>For Installation With Adhesive, Deduct</i>	-33.01	
			<i>For Oxidized Finish, Add</i>	65.21	
			<i>For Polished Finish, Add</i>	130.42	
10 14 19 00-0134	EA		24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	559.53	19.77
			<i>For Installation With Adhesive, Deduct</i>	-35.89	
			<i>For Oxidized Finish, Add</i>	72.07	
			<i>For Polished Finish, Add</i>	144.13	
10 14 19 00-0135	EA		30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	844.02	23.73
			<i>For Installation With Adhesive, Deduct</i>	-51.69	
			<i>For Oxidized Finish, Add</i>	112.37	
			<i>For Polished Finish, Add</i>	224.74	
10 14 19 00-0136			3/8" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137	EA		2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	58.53	4.94
			<i>For Installation With Adhesive, Deduct</i>	-4.90	
			<i>For Oxidized Finish, Add</i>	5.81	
			<i>For Polished Finish, Add</i>	11.63	
10 14 19 00-0138	EA		4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	76.86	5.74
			<i>For Installation With Adhesive, Deduct</i>	-6.14	
			<i>For Oxidized Finish, Add</i>	8.09	
			<i>For Polished Finish, Add</i>	16.18	

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

10 14 19 00-0139	EA			6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	110.95	6.92
				<i>For Installation With Adhesive, Deduct</i>	-8.32	
				<i>For Oxidized Finish, Add</i>	12.49	
				<i>For Polished Finish, Add</i>	24.98	
10 14 19 00-0140	EA			8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	147.90	7.91
				<i>For Installation With Adhesive, Deduct</i>	-10.56	
				<i>For Oxidized Finish, Add</i>	17.44	
				<i>For Polished Finish, Add</i>	34.88	
10 14 19 00-0141	EA			10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	197.63	8.90
				<i>For Installation With Adhesive, Deduct</i>	-13.44	
				<i>For Oxidized Finish, Add</i>	24.31	
				<i>For Polished Finish, Add</i>	48.62	
10 14 19 00-0142	EA			12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	252.24	10.28
				<i>For Installation With Adhesive, Deduct</i>	-16.73	
				<i>For Oxidized Finish, Add</i>	31.67	
				<i>For Polished Finish, Add</i>	63.33	
10 14 19 00-0143	EA			14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	318.03	11.87
				<i>For Installation With Adhesive, Deduct</i>	-20.65	
				<i>For Oxidized Finish, Add</i>	40.59	
				<i>For Polished Finish, Add</i>	81.17	
10 14 19 00-0144	EA			16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	377.05	14.24
				<i>For Installation With Adhesive, Deduct</i>	-24.55	
				<i>For Oxidized Finish, Add</i>	48.02	
				<i>For Polished Finish, Add</i>	96.03	
10 14 19 00-0145	EA			18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	475.30	15.82
				<i>For Installation With Adhesive, Deduct</i>	-30.09	
				<i>For Oxidized Finish, Add</i>	61.80	
				<i>For Polished Finish, Add</i>	123.61	
10 14 19 00-0146	EA			20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	550.62	17.79
				<i>For Installation With Adhesive, Deduct</i>	-34.65	
				<i>For Oxidized Finish, Add</i>	71.92	
				<i>For Polished Finish, Add</i>	143.83	
10 14 19 00-0147	EA			22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	679.43	18.78
				<i>For Installation With Adhesive, Deduct</i>	-41.49	
				<i>For Oxidized Finish, Add</i>	90.64	
				<i>For Polished Finish, Add</i>	181.29	
10 14 19 00-0148	EA			24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	775.73	19.77
				<i>For Installation With Adhesive, Deduct</i>	-46.70	
				<i>For Oxidized Finish, Add</i>	104.50	
				<i>For Polished Finish, Add</i>	208.99	
10 14 19 00-0149	EA			30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,076.25	23.73
				<i>For Installation With Adhesive, Deduct</i>	-63.30	
				<i>For Oxidized Finish, Add</i>	147.20	
				<i>For Polished Finish, Add</i>	294.41	
10 14 19 00-0150				1/2" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA			2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	74.32	4.94
				<i>For Installation With Adhesive, Deduct</i>	-5.69	
				<i>For Oxidized Finish, Add</i>	8.18	
				<i>For Polished Finish, Add</i>	16.37	
10 14 19 00-0152	EA			4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	96.83	5.74
				<i>For Installation With Adhesive, Deduct</i>	-7.13	
				<i>For Oxidized Finish, Add</i>	11.09	
				<i>For Polished Finish, Add</i>	22.17	
10 14 19 00-0153	EA			6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	140.68	6.92
				<i>For Installation With Adhesive, Deduct</i>	-9.80	
				<i>For Oxidized Finish, Add</i>	16.95	
				<i>For Polished Finish, Add</i>	33.90	
10 14 19 00-0154	EA			8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.58	7.91
				<i>For Installation With Adhesive, Deduct</i>	-12.84	
				<i>For Oxidized Finish, Add</i>	24.29	
				<i>For Polished Finish, Add</i>	48.59	
10 14 19 00-0155	EA			10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	270.28	8.90
				<i>For Installation With Adhesive, Deduct</i>	-17.07	
				<i>For Oxidized Finish, Add</i>	35.21	
				<i>For Polished Finish, Add</i>	70.41	
10 14 19 00-0156	EA			12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	361.44	10.28
				<i>For Installation With Adhesive, Deduct</i>	-22.19	
				<i>For Oxidized Finish, Add</i>	48.05	
				<i>For Polished Finish, Add</i>	96.09	
10 14 19 00-0157	EA			14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	448.66	11.87
				<i>For Installation With Adhesive, Deduct</i>	-27.18	
				<i>For Oxidized Finish, Add</i>	60.18	
				<i>For Polished Finish, Add</i>	120.36	
10 14 19 00-0158	EA			16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	534.81	14.24
				<i>For Installation With Adhesive, Deduct</i>	-32.43	
				<i>For Oxidized Finish, Add</i>	71.68	
				<i>For Polished Finish, Add</i>	143.36	
10 14 19 00-0159	EA			18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	731.05	15.82
				<i>For Installation With Adhesive, Deduct</i>	-42.88	
				<i>For Oxidized Finish, Add</i>	100.17	
				<i>For Polished Finish, Add</i>	200.33	
10 14 19 00-0160	EA			20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	824.59	17.79
				<i>For Installation With Adhesive, Deduct</i>	-48.35	
				<i>For Oxidized Finish, Add</i>	113.01	
				<i>For Polished Finish, Add</i>	226.02	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0161	EA		22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,031.56	18.78
			<i>For Installation With Adhesive, Deduct</i>	-59.09	
			<i>For Oxidized Finish, Add</i>	143.46	
			<i>For Polished Finish, Add</i>	286.93	
10 14 19 00-0162	EA		24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,208.12	19.77
			<i>For Installation With Adhesive, Deduct</i>	-68.32	
			<i>For Oxidized Finish, Add</i>	169.35	
			<i>For Polished Finish, Add</i>	338.71	
10 14 19 00-0163	EA		30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,825.37	23.73
			<i>For Installation With Adhesive, Deduct</i>	-100.76	
			<i>For Oxidized Finish, Add</i>	259.57	
			<i>For Polished Finish, Add</i>	519.14	
10 14 19 00-0164			3/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA		2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	91.54	4.94
			<i>For Installation With Adhesive, Deduct</i>	-6.55	
			<i>For Oxidized Finish, Add</i>	10.77	
			<i>For Polished Finish, Add</i>	21.53	
10 14 19 00-0166	EA		4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	128.79	5.74
			<i>For Installation With Adhesive, Deduct</i>	-8.73	
			<i>For Oxidized Finish, Add</i>	15.88	
			<i>For Polished Finish, Add</i>	31.76	
10 14 19 00-0167	EA		6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	176.36	6.92
			<i>For Installation With Adhesive, Deduct</i>	-11.59	
			<i>For Oxidized Finish, Add</i>	22.30	
			<i>For Polished Finish, Add</i>	44.60	
10 14 19 00-0168	EA		8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	239.26	7.91
			<i>For Installation With Adhesive, Deduct</i>	-15.13	
			<i>For Oxidized Finish, Add</i>	31.14	
			<i>For Polished Finish, Add</i>	62.29	
10 14 19 00-0169	EA		10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	326.16	8.90
			<i>For Installation With Adhesive, Deduct</i>	-19.87	
			<i>For Oxidized Finish, Add</i>	43.59	
			<i>For Polished Finish, Add</i>	87.17	
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	448.80	10.28
			<i>For Installation With Adhesive, Deduct</i>	-26.55	
			<i>For Oxidized Finish, Add</i>	61.15	
			<i>For Polished Finish, Add</i>	122.30	
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	560.63	11.87
			<i>For Installation With Adhesive, Deduct</i>	-32.78	
			<i>For Oxidized Finish, Add</i>	76.98	
			<i>For Polished Finish, Add</i>	153.95	
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	653.71	14.24
			<i>For Installation With Adhesive, Deduct</i>	-38.38	
			<i>For Oxidized Finish, Add</i>	89.52	
			<i>For Polished Finish, Add</i>	179.03	
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	873.13	15.82
			<i>For Installation With Adhesive, Deduct</i>	-49.98	
			<i>For Oxidized Finish, Add</i>	121.48	
			<i>For Polished Finish, Add</i>	242.96	
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	954.72	17.79
			<i>For Installation With Adhesive, Deduct</i>	-54.85	
			<i>For Oxidized Finish, Add</i>	132.53	
			<i>For Polished Finish, Add</i>	265.06	
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,214.15	18.78
			<i>For Installation With Adhesive, Deduct</i>	-68.22	
			<i>For Oxidized Finish, Add</i>	170.85	
			<i>For Polished Finish, Add</i>	341.70	
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,544.43	19.77
			<i>For Installation With Adhesive, Deduct</i>	-85.13	
			<i>For Oxidized Finish, Add</i>	219.80	
			<i>For Polished Finish, Add</i>	439.60	
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,334.77	23.73
			<i>For Installation With Adhesive, Deduct</i>	-126.23	
			<i>For Oxidized Finish, Add</i>	335.98	
			<i>For Polished Finish, Add</i>	671.96	
10 14 19 00-0178			Satin Finish, Bronze Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0179			1/4" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	50.64	4.94
			<i>For Installation With Adhesive, Deduct</i>	-4.51	
			<i>For Oxidized Finish, Add</i>	4.63	
			<i>For Polished Or Patina Finish, Add</i>	9.26	
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	65.93	5.74
			<i>For Installation With Adhesive, Deduct</i>	-5.59	
			<i>For Oxidized Finish, Add</i>	6.45	
			<i>For Polished Or Patina Finish, Add</i>	12.90	
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	91.63	6.92
			<i>For Installation With Adhesive, Deduct</i>	-7.35	
			<i>For Oxidized Finish, Add</i>	9.59	
			<i>For Polished Or Patina Finish, Add</i>	19.18	
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	120.93	7.91
			<i>For Installation With Adhesive, Deduct</i>	-9.21	
			<i>For Oxidized Finish, Add</i>	13.40	
			<i>For Polished Or Patina Finish, Add</i>	26.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	155.75	8.90
			<i>For Installation With Adhesive, Deduct</i>	-11.35	
			<i>For Oxidized Finish, Add</i>	18.03	
			<i>For Polished Or Patina Finish, Add</i>	36.05	
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	197.69	10.28
			<i>For Installation With Adhesive, Deduct</i>	-14.00	
			<i>For Oxidized Finish, Add</i>	23.48	
			<i>For Polished Or Patina Finish, Add</i>	46.97	
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	248.11	11.87
			<i>For Installation With Adhesive, Deduct</i>	-17.15	
			<i>For Oxidized Finish, Add</i>	30.10	
			<i>For Polished Or Patina Finish, Add</i>	60.20	
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	308.31	14.24
			<i>For Installation With Adhesive, Deduct</i>	-21.11	
			<i>For Oxidized Finish, Add</i>	37.71	
			<i>For Polished Or Patina Finish, Add</i>	75.41	
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	369.77	15.82
			<i>For Installation With Adhesive, Deduct</i>	-24.82	
			<i>For Oxidized Finish, Add</i>	45.98	
			<i>For Polished Or Patina Finish, Add</i>	91.95	
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	439.42	17.79
			<i>For Installation With Adhesive, Deduct</i>	-29.09	
			<i>For Oxidized Finish, Add</i>	55.24	
			<i>For Polished Or Patina Finish, Add</i>	110.47	
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	513.94	18.78
			<i>For Installation With Adhesive, Deduct</i>	-33.21	
			<i>For Oxidized Finish, Add</i>	65.82	
			<i>For Polished Or Patina Finish, Add</i>	131.64	
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	596.16	19.77
			<i>For Installation With Adhesive, Deduct</i>	-37.72	
			<i>For Oxidized Finish, Add</i>	77.56	
			<i>For Polished Or Patina Finish, Add</i>	155.12	
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	908.54	23.73
			<i>For Installation With Adhesive, Deduct</i>	-54.92	
			<i>For Oxidized Finish, Add</i>	122.05	
			<i>For Polished Or Patina Finish, Add</i>	244.09	
10 14 19 00-0193			3/8" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0194	EA		2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	60.52	4.94
			<i>For Installation With Adhesive, Deduct</i>	-5.00	
			<i>For Oxidized Finish, Add</i>	6.11	
			<i>For Polished Or Patina Finish, Add</i>	12.23	
10 14 19 00-0195	EA		4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	79.26	5.74
			<i>For Installation With Adhesive, Deduct</i>	-6.26	
			<i>For Oxidized Finish, Add</i>	8.45	
			<i>For Polished Or Patina Finish, Add</i>	16.90	
10 14 19 00-0196	EA		6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	115.93	6.92
			<i>For Installation With Adhesive, Deduct</i>	-8.57	
			<i>For Oxidized Finish, Add</i>	13.24	
			<i>For Polished Or Patina Finish, Add</i>	26.47	
10 14 19 00-0197	EA		8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	153.97	7.91
			<i>For Installation With Adhesive, Deduct</i>	-10.86	
			<i>For Oxidized Finish, Add</i>	18.35	
			<i>For Polished Or Patina Finish, Add</i>	36.70	
10 14 19 00-0198	EA		10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	209.83	8.90
			<i>For Installation With Adhesive, Deduct</i>	-14.05	
			<i>For Oxidized Finish, Add</i>	26.14	
			<i>For Polished Or Patina Finish, Add</i>	52.28	
10 14 19 00-0199	EA		12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	266.57	10.28
			<i>For Installation With Adhesive, Deduct</i>	-17.44	
			<i>For Oxidized Finish, Add</i>	33.82	
			<i>For Polished Or Patina Finish, Add</i>	67.63	
10 14 19 00-0200	EA		14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	334.39	11.87
			<i>For Installation With Adhesive, Deduct</i>	-21.46	
			<i>For Oxidized Finish, Add</i>	43.04	
			<i>For Polished Or Patina Finish, Add</i>	86.08	
10 14 19 00-0201	EA		16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	413.89	14.24
			<i>For Installation With Adhesive, Deduct</i>	-26.39	
			<i>For Oxidized Finish, Add</i>	53.54	
			<i>For Polished Or Patina Finish, Add</i>	107.09	
10 14 19 00-0202	EA		18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	501.56	15.82
			<i>For Installation With Adhesive, Deduct</i>	-31.41	
			<i>For Oxidized Finish, Add</i>	65.74	
			<i>For Polished Or Patina Finish, Add</i>	131.49	
10 14 19 00-0203	EA		20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	597.76	17.79
			<i>For Installation With Adhesive, Deduct</i>	-37.01	
			<i>For Oxidized Finish, Add</i>	78.99	
			<i>For Polished Or Patina Finish, Add</i>	157.97	
10 14 19 00-0204	EA		22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	702.62	18.78
			<i>For Installation With Adhesive, Deduct</i>	-42.65	
			<i>For Oxidized Finish, Add</i>	94.12	
			<i>For Polished Or Patina Finish, Add</i>	188.24	
10 14 19 00-0205	EA		24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	797.82	19.77
			<i>For Installation With Adhesive, Deduct</i>	-47.80	
			<i>For Oxidized Finish, Add</i>	107.81	
			<i>For Polished Or Patina Finish, Add</i>	215.62	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0206	EA		30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,095.68	23.73
			<i>For Installation With Adhesive, Deduct</i>	-64.27	
			<i>For Oxidized Finish, Add</i>	150.12	
			<i>For Polished Or Patina Finish, Add</i>	300.23	
10 14 19 00-0207			1/2" Deep, Satin Finish, Bronze Characters (10 14 19 00-0178)		
10 14 19 00-0208	EA		2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	62.68	4.94
			<i>For Installation With Adhesive, Deduct</i>	-5.11	
			<i>For Oxidized Finish, Add</i>	6.44	
			<i>For Polished Or Patina Finish, Add</i>	12.87	
10 14 19 00-0209	EA		4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	94.74	5.74
			<i>For Installation With Adhesive, Deduct</i>	-7.03	
			<i>For Oxidized Finish, Add</i>	10.77	
			<i>For Polished Or Patina Finish, Add</i>	21.54	
10 14 19 00-0210	EA		6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	135.76	6.92
			<i>For Installation With Adhesive, Deduct</i>	-9.56	
			<i>For Oxidized Finish, Add</i>	16.21	
			<i>For Polished Or Patina Finish, Add</i>	32.42	
10 14 19 00-0211	EA		8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	187.91	7.91
			<i>For Installation With Adhesive, Deduct</i>	-12.56	
			<i>For Oxidized Finish, Add</i>	23.44	
			<i>For Polished Or Patina Finish, Add</i>	46.88	
10 14 19 00-0212	EA		10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	257.90	8.90
			<i>For Installation With Adhesive, Deduct</i>	-16.45	
			<i>For Oxidized Finish, Add</i>	33.35	
			<i>For Polished Or Patina Finish, Add</i>	66.70	
10 14 19 00-0213	EA		12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	352.67	10.28
			<i>For Installation With Adhesive, Deduct</i>	-21.75	
			<i>For Oxidized Finish, Add</i>	46.73	
			<i>For Polished Or Patina Finish, Add</i>	93.46	
10 14 19 00-0214	EA		14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	458.79	11.87
			<i>For Installation With Adhesive, Deduct</i>	-27.68	
			<i>For Oxidized Finish, Add</i>	61.70	
			<i>For Polished Or Patina Finish, Add</i>	123.40	
10 14 19 00-0215	EA		16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	574.76	14.24
			<i>For Installation With Adhesive, Deduct</i>	-34.43	
			<i>For Oxidized Finish, Add</i>	77.67	
			<i>For Polished Or Patina Finish, Add</i>	155.35	
10 14 19 00-0216	EA		18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	706.91	15.82
			<i>For Installation With Adhesive, Deduct</i>	-41.67	
			<i>For Oxidized Finish, Add</i>	96.55	
			<i>For Polished Or Patina Finish, Add</i>	193.09	
10 14 19 00-0217	EA		20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	848.16	17.79
			<i>For Installation With Adhesive, Deduct</i>	-49.53	
			<i>For Oxidized Finish, Add</i>	116.55	
			<i>For Polished Or Patina Finish, Add</i>	233.09	
10 14 19 00-0218	EA		22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,005.39	18.78
			<i>For Installation With Adhesive, Deduct</i>	-57.78	
			<i>For Oxidized Finish, Add</i>	139.54	
			<i>For Polished Or Patina Finish, Add</i>	279.08	
10 14 19 00-0219	EA		24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,170.11	19.77
			<i>For Installation With Adhesive, Deduct</i>	-66.41	
			<i>For Oxidized Finish, Add</i>	163.65	
			<i>For Polished Or Patina Finish, Add</i>	327.31	
10 14 19 00-0220	EA		30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,640.83	23.73
			<i>For Installation With Adhesive, Deduct</i>	-91.53	
			<i>For Oxidized Finish, Add</i>	231.89	
			<i>For Polished Or Patina Finish, Add</i>	463.78	
10 14 19 00-0221			Satin Finish, Copper Characters (10 14 19 00-0049)		
10 14 19 00-0222			1/4" Deep, Satin Finish, Copper Characters (10 14 19 00-0221)		
10 14 19 00-0223	EA		2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	48.48	4.94
			<i>For Installation With Adhesive, Deduct</i>	-4.40	
			<i>For Polished Finish, Add</i>	8.61	
10 14 19 00-0224	EA		4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	63.94	5.74
			<i>For Installation With Adhesive, Deduct</i>	-5.49	
			<i>For Polished Finish, Add</i>	12.30	
10 14 19 00-0225	EA		6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	91.26	6.92
			<i>For Installation With Adhesive, Deduct</i>	-7.33	
			<i>For Polished Finish, Add</i>	19.07	
10 14 19 00-0226	EA		8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	121.86	7.91
			<i>For Installation With Adhesive, Deduct</i>	-9.26	
			<i>For Polished Finish, Add</i>	27.07	
10 14 19 00-0227	EA		10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	155.54	8.90
			<i>For Installation With Adhesive, Deduct</i>	-11.34	
			<i>For Polished Finish, Add</i>	35.99	
10 14 19 00-0228	EA		12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	199.03	10.28
			<i>For Installation With Adhesive, Deduct</i>	-14.06	
			<i>For Polished Finish, Add</i>	47.37	
10 14 19 00-0229	EA		14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	250.46	11.87
			<i>For Installation With Adhesive, Deduct</i>	-17.27	
			<i>For Polished Finish, Add</i>	60.90	
10 14 19 00-0230	EA		16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	309.17	14.24
			<i>For Installation With Adhesive, Deduct</i>	-21.15	
			<i>For Polished Finish, Add</i>	75.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0231	EA		18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	371.89 -24.92 92.59	15.82
10 14 19 00-0232	EA		20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	441.32 -29.18 111.04	17.79
10 14 19 00-0233	EA		22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	517.06 -33.37 132.58	18.78
10 14 19 00-0234	EA		24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	598.93 -37.86 155.95	19.77
10 14 19 00-0235	EA		30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	864.38 -52.71 230.84	23.73
10 14 19 00-0236			3/8" Deep, Satin Finish, Copper Characters <small>(10 14 19 00-0221)</small>		
10 14 19 00-0237	EA		2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	55.66 -4.76 10.77	4.94
10 14 19 00-0238	EA		4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	76.25 -6.11 16.00	5.74
10 14 19 00-0239	EA		6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	113.51 -8.44 25.75	6.92
10 14 19 00-0240	EA		8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	157.95 -11.06 37.90	7.91
10 14 19 00-0241	EA		10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	215.52 -14.33 53.98	8.90
10 14 19 00-0242	EA		12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	270.09 -17.62 68.69	10.28
10 14 19 00-0243	EA		14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	341.82 -21.84 88.31	11.87
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	422.67 -26.83 109.72	14.24
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	510.77 -31.87 134.25	15.82
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	607.89 -37.51 161.01	17.79
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	715.93 -43.31 192.24	18.78
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	806.87 -48.25 218.33	19.77
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	1,133.70 -66.18 311.64	23.73
10 14 19 00-0250			Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0251			1/4" Deep, Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0250)</small>		
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	43.29 -4.14 7.06	4.94
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	57.03 -5.14 10.23	5.74
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	73.55 -6.45 13.76	6.92
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	95.13 -7.92 19.05	7.91
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	116.72 -9.39 24.34	8.90
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	143.44 -11.29 30.69	10.28
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	172.11 -13.35 37.40	11.87
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	206.29 -16.01 44.81	14.24
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs..... <i>For Installation With Adhesive, Deduct</i> <i>For Polished Finish, Add</i>	240.85 -18.37 53.27	15.82

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 14 19 00-0261	EA 20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	281.68	17.79
	<i>For Installation With Adhesive, Deduct</i>	-21.20	
	<i>For Polished Finish, Add</i>	63.15	
10 14 19 00-0262	EA 22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	327.98	18.78
	<i>For Installation With Adhesive, Deduct</i>	-23.91	
	<i>For Polished Finish, Add</i>	75.85	
10 14 19 00-0263	EA 24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	375.44	19.77
	<i>For Installation With Adhesive, Deduct</i>	-26.68	
	<i>For Polished Finish, Add</i>	88.91	
10 14 19 00-0264	EA 30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	515.91	23.73
	<i>For Installation With Adhesive, Deduct</i>	-35.29	
	<i>For Polished Finish, Add</i>	126.30	
10 14 19 00-0265	3/8" Deep, Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0250)</small>		
10 14 19 00-0266	EA 2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	51.52	4.94
	<i>For Installation With Adhesive, Deduct</i>	-4.55	
	<i>For Polished Finish, Add</i>	9.53	
10 14 19 00-0267	EA 4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	68.97	5.74
	<i>For Installation With Adhesive, Deduct</i>	-5.74	
	<i>For Polished Finish, Add</i>	13.81	
10 14 19 00-0268	EA 6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	88.69	6.92
	<i>For Installation With Adhesive, Deduct</i>	-7.20	
	<i>For Polished Finish, Add</i>	18.30	
10 14 19 00-0269	EA 8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	113.55	7.91
	<i>For Installation With Adhesive, Deduct</i>	-8.84	
	<i>For Polished Finish, Add</i>	24.58	
10 14 19 00-0270	EA 10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	140.26	8.90
	<i>For Installation With Adhesive, Deduct</i>	-10.57	
	<i>For Polished Finish, Add</i>	31.40	
10 14 19 00-0271	EA 12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	173.11	10.28
	<i>For Installation With Adhesive, Deduct</i>	-12.77	
	<i>For Polished Finish, Add</i>	39.59	
10 14 19 00-0272	EA 14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	208.26	11.87
	<i>For Installation With Adhesive, Deduct</i>	-15.16	
	<i>For Polished Finish, Add</i>	48.24	
10 14 19 00-0273	EA 16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	249.60	14.24
	<i>For Installation With Adhesive, Deduct</i>	-18.17	
	<i>For Polished Finish, Add</i>	57.80	
10 14 19 00-0274	EA 18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	290.57	15.82
	<i>For Installation With Adhesive, Deduct</i>	-20.86	
	<i>For Polished Finish, Add</i>	68.19	
10 14 19 00-0275	EA 20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	340.63	17.79
	<i>For Installation With Adhesive, Deduct</i>	-24.15	
	<i>For Polished Finish, Add</i>	80.84	
10 14 19 00-0276	EA 22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	383.60	18.78
	<i>For Installation With Adhesive, Deduct</i>	-26.69	
	<i>For Polished Finish, Add</i>	92.54	
10 14 19 00-0277	EA 24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	440.64	19.77
	<i>For Installation With Adhesive, Deduct</i>	-29.94	
	<i>For Polished Finish, Add</i>	108.47	
10 14 19 00-0278	EA 30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	608.53	23.73
	<i>For Installation With Adhesive, Deduct</i>	-39.92	
	<i>For Polished Finish, Add</i>	154.09	
10 14 19 00-0279	1/2" Deep, Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0250)</small>		
10 14 19 00-0280	EA 2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	62.11	4.94
	<i>For Installation With Adhesive, Deduct</i>	-5.08	
	<i>For Polished Finish, Add</i>	12.70	
10 14 19 00-0281	EA 4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	84.32	5.74
	<i>For Installation With Adhesive, Deduct</i>	-6.51	
	<i>For Polished Finish, Add</i>	18.42	
10 14 19 00-0282	EA 6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	108.87	6.92
	<i>For Installation With Adhesive, Deduct</i>	-8.21	
	<i>For Polished Finish, Add</i>	24.35	
10 14 19 00-0283	EA 8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	143.40	7.91
	<i>For Installation With Adhesive, Deduct</i>	-10.33	
	<i>For Polished Finish, Add</i>	33.53	
10 14 19 00-0284	EA 10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	178.39	8.90
	<i>For Installation With Adhesive, Deduct</i>	-12.48	
	<i>For Polished Finish, Add</i>	42.84	
10 14 19 00-0285	EA 12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	221.20	10.28
	<i>For Installation With Adhesive, Deduct</i>	-15.17	
	<i>For Polished Finish, Add</i>	54.02	
10 14 19 00-0286	EA 14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	266.84	11.87
	<i>For Installation With Adhesive, Deduct</i>	-18.09	
	<i>For Polished Finish, Add</i>	65.82	
10 14 19 00-0287	EA 16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	319.80	14.24
	<i>For Installation With Adhesive, Deduct</i>	-21.68	
	<i>For Polished Finish, Add</i>	78.86	
10 14 19 00-0288	EA 18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	381.13	15.82
	<i>For Installation With Adhesive, Deduct</i>	-25.38	
	<i>For Polished Finish, Add</i>	95.36	
10 14 19 00-0289	EA 20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs	447.98	17.79
	<i>For Installation With Adhesive, Deduct</i>	-29.52	
	<i>For Polished Finish, Add</i>	113.04	

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

10 14 19 00-0290	EA	22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	502.44	18.78
		<i>For Installation With Adhesive, Deduct</i>	-32.64	
		<i>For Polished Finish, Add</i>	128.19	
10 14 19 00-0291	EA	24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	579.92	19.77
		<i>For Installation With Adhesive, Deduct</i>	-36.91	
		<i>For Polished Finish, Add</i>	150.25	
10 14 19 00-0292	EA	30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	806.40	23.73
		<i>For Installation With Adhesive, Deduct</i>	-49.81	
		<i>For Polished Finish, Add</i>	213.45	

10 14 23 Panel Signage (10 14)
10 14 23 00-0001 Indoor/Outdoor Signs (10 14 23)

Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.

10 14 23 00-0002 Surface Mount, Indoor/Outdoor Signs (10 14 23 00-0001)
10 14 23 00-0003 Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs (10 14 23 00-0002)

Note: Multi-color with words, symbols and graphics.

10 14 23 00-0004	EA	Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	21.20	8.77
		<i>For >25 To 50, Deduct</i>	-0.37	
		<i>For >50 To 100, Deduct</i>	-0.92	
		<i>For >100, Deduct</i>	-1.10	
		<i>For Clear Glass Mount, Add</i>	2.94	
		<i>For Glow-In-Dark, Add</i>	7.36	
		<i>For Reflective Finish, Add</i>	8.28	
10 14 23 00-0005	EA	>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	23.82	8.77
		<i>For >25 To 50, Deduct</i>	-0.63	
		<i>For >50 To 100, Deduct</i>	-1.58	
		<i>For >100, Deduct</i>	-1.89	
		<i>For Clear Glass Mount, Add</i>	5.04	
		<i>For Glow-In-Dark, Add</i>	12.60	
		<i>For Reflective Finish, Add</i>	14.18	
10 14 23 00-0006	EA	>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	28.02	8.77
		<i>For >25 To 50, Deduct</i>	-1.05	
		<i>For >50 To 100, Deduct</i>	-2.63	
		<i>For >100, Deduct</i>	-3.15	
		<i>For Clear Glass Mount, Add</i>	8.40	
		<i>For Glow-In-Dark, Add</i>	21.00	
		<i>For Reflective Finish, Add</i>	23.63	
10 14 23 00-0007	EA	>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	33.27	8.77
		<i>For >25 To 50, Deduct</i>	-1.58	
		<i>For >50 To 100, Deduct</i>	-3.94	
		<i>For >100, Deduct</i>	-4.73	
		<i>For Clear Glass Mount, Add</i>	12.60	
		<i>For Glow-In-Dark, Add</i>	31.50	
		<i>For Reflective Finish, Add</i>	35.44	
10 14 23 00-0008	EA	>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	42.72	8.77
		<i>For >25 To 50, Deduct</i>	-2.52	
		<i>For >50 To 100, Deduct</i>	-6.30	
		<i>For >100, Deduct</i>	-7.56	
		<i>For Clear Glass Mount, Add</i>	20.16	
		<i>For Glow-In-Dark, Add</i>	50.40	
		<i>For Reflective Finish, Add</i>	56.70	
10 14 23 00-0009	EA	>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	59.52	8.77
		<i>For >25 To 50, Deduct</i>	-4.20	
		<i>For >50 To 100, Deduct</i>	-10.50	
		<i>For >100, Deduct</i>	-12.60	
		<i>For Clear Glass Mount, Add</i>	33.60	
		<i>For Glow-In-Dark, Add</i>	84.00	
		<i>For Reflective Finish, Add</i>	94.50	
10 14 23 00-0010	EA	>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	80.52	8.77
		<i>For >25 To 50, Deduct</i>	-6.30	
		<i>For >50 To 100, Deduct</i>	-15.75	
		<i>For >100, Deduct</i>	-18.90	
		<i>For Clear Glass Mount, Add</i>	50.40	
		<i>For Glow-In-Dark, Add</i>	126.00	
		<i>For Reflective Finish, Add</i>	141.75	
10 14 23 00-0011	SI	>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	0.09	0.01
		<i>For Clear Glass Mount, Add</i>	0.06	
		<i>For Glow-In-Dark, Add</i>	0.14	
		<i>For Reflective Finish, Add</i>	0.16	

10 14 23 00-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs

(10 14 23 00-0002)

Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.

10 14 23 00-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	22.24	8.77
		<i>For >25 To 50, Deduct</i>	-0.47	
		<i>For >50 To 100, Deduct</i>	-1.18	
		<i>For >100, Deduct</i>	-1.42	
		<i>For Glow-In-Dark, Add</i>	9.44	
		<i>For Reflective Finish, Add</i>	10.15	
10 14 23 00-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	24.87	8.77
		<i>For >25 To 50, Deduct</i>	-0.74	
		<i>For >50 To 100, Deduct</i>	-1.84	
		<i>For >100, Deduct</i>	-2.21	
		<i>For Glow-In-Dark, Add</i>	14.70	
		<i>For Reflective Finish, Add</i>	15.80	

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 00-0015	EA		>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	30.12	8.77
			<i>For >25 To 50, Deduct</i>	-1.26	
			<i>For >50 To 100, Deduct</i>	-3.15	
			<i>For >100, Deduct</i>	-3.78	
			<i>For Glow-In-Dark, Add</i>	25.20	
			<i>For Reflective Finish, Add</i>	27.09	
10 14 23 00-0016	EA		>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	35.37	8.77
			<i>For >25 To 50, Deduct</i>	-1.79	
			<i>For >50 To 100, Deduct</i>	-4.46	
			<i>For >100, Deduct</i>	-5.36	
			<i>For Glow-In-Dark, Add</i>	35.70	
			<i>For Reflective Finish, Add</i>	38.38	
10 14 23 00-0017	EA		>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	43.24	8.77
			<i>For >25 To 50, Deduct</i>	-2.57	
			<i>For >50 To 100, Deduct</i>	-6.43	
			<i>For >100, Deduct</i>	-7.72	
			<i>For Glow-In-Dark, Add</i>	51.44	
			<i>For Reflective Finish, Add</i>	55.30	
10 14 23 00-0018	EA		>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	51.12	8.77
			<i>For >25 To 50, Deduct</i>	-3.36	
			<i>For >50 To 100, Deduct</i>	-8.40	
			<i>For >100, Deduct</i>	-10.08	
			<i>For Glow-In-Dark, Add</i>	67.20	
			<i>For Reflective Finish, Add</i>	72.24	
10 14 23 00-0019	EA		>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	59.52	8.77
			<i>For >25 To 50, Deduct</i>	-4.20	
			<i>For >50 To 100, Deduct</i>	-10.50	
			<i>For >100, Deduct</i>	-12.60	
			<i>For Glow-In-Dark, Add</i>	84.00	
			<i>For Reflective Finish, Add</i>	90.30	
10 14 23 00-0020	SI		>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign	0.07	0.01
			<i>For Glow-In-Dark, Add</i>	0.10	
			<i>For Reflective Finish, Add</i>	0.11	
10 14 23 00-0021			Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille <small>(10 14 23 00-0002)</small>		
			Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0022	EA		Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille	30.12	8.77
			<i>For >25 To 50, Deduct</i>	-1.26	
			<i>For >50 To 100, Deduct</i>	-3.15	
			<i>For >100, Deduct</i>	-3.78	
			<i>For Molded Plastic Frame, Add</i>	15.00	
			<i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	23.00	
			<i>For 2" Height Slider Channel For Custom Inserts, Add</i>	35.00	
10 14 23 00-0023	EA		>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	33.27	8.77
			<i>For >25 To 50, Deduct</i>	-1.58	
			<i>For >50 To 100, Deduct</i>	-3.94	
			<i>For >100, Deduct</i>	-4.73	
			<i>For Molded Plastic Frame, Add</i>	17.00	
			<i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	28.00	
			<i>For 2" Height Slider Channel For Custom Inserts, Add</i>	35.00	
10 14 23 00-0024	EA		>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	38.52	8.77
			<i>For >25 To 50, Deduct</i>	-2.10	
			<i>For >50 To 100, Deduct</i>	-5.25	
			<i>For >100, Deduct</i>	-6.30	
			<i>For Molded Plastic Frame, Add</i>	19.00	
			<i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	31.00	
10 14 23 00-0025	EA		>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	43.46	8.77
			<i>For >25 To 50, Deduct</i>	-2.59	
			<i>For >50 To 100, Deduct</i>	-6.49	
			<i>For >100, Deduct</i>	-7.78	
			<i>For Molded Plastic Frame, Add</i>	21.00	
			<i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	35.00	
10 14 23 00-0026	SI		>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	0.46	0.09
			<i>For Molded Plastic Frame, Add</i>	0.20	
			<i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	0.31	
10 14 23 00-0027			Engraved Steel, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0002)</small>		
			Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 00-0028	EA		Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	37.47	8.77
			<i>For >25 To 50, Deduct</i>	-2.00	
			<i>For >50 To 100, Deduct</i>	-4.99	
			<i>For >100, Deduct</i>	-5.99	
			<i>For Molded Plastic Frame, Add</i>	15.00	
10 14 23 00-0029	EA		>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	43.77	8.77
			<i>For >25 To 50, Deduct</i>	-2.63	
			<i>For >50 To 100, Deduct</i>	-6.56	
			<i>For >100, Deduct</i>	-7.88	
			<i>For Molded Plastic Frame, Add</i>	17.00	
10 14 23 00-0030	EA		>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	52.17	8.77
			<i>For >25 To 50, Deduct</i>	-3.47	
			<i>For >50 To 100, Deduct</i>	-8.66	
			<i>For >100, Deduct</i>	-10.40	
			<i>For Molded Plastic Frame, Add</i>	19.00	
10 14 23 00-0031	EA		>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	68.97	8.77
			<i>For >25 To 50, Deduct</i>	-5.15	
			<i>For >50 To 100, Deduct</i>	-12.86	
			<i>For >100, Deduct</i>	-15.44	
			<i>For Molded Plastic Frame, Add</i>	21.00	

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

10 14 23 00-0032	SI			>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign <i>For Molded Plastic Frame, Add</i>	0.68 0.20	0.09
10 14 23 00-0033 Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0002)</small>						
Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.						
10 14 23 00-0034	EA			Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	21.72 -0.42 -1.05 -1.26 2.52 3.15	8.77
10 14 23 00-0035	EA			>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	24.87 -0.74 -1.84 -2.21 4.41 5.51	8.77
10 14 23 00-0036	EA			>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	31.17 -1.37 -3.41 -4.10 8.19 10.24	8.77
10 14 23 00-0037	EA			>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	38.52 -2.10 -5.25 -6.30 12.60 15.75	8.77
10 14 23 00-0038	EA			>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	60.57 -4.31 -10.76 -12.92 25.83 32.29	8.77
10 14 23 00-0039	EA			>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	70.02 -5.25 -13.13 -15.75 31.50 39.38	8.77
10 14 23 00-0040	EA			>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	82.62 -6.51 -16.28 -19.53 39.06 48.83	8.77
10 14 23 00-0041	SI			>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	0.09 0.04 0.05	0.01
10 14 23 00-0042 California Title 24, Surface Mount, Signs <small>(10 14 23 00-0002)</small>						
10 14 23 00-0043 California Title 24, Surface Mount, Geometric Restroom Signs <small>(10 14 23 00-0042)</small>						
Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.						
10 14 23 00-0044	EA			1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	56.11 -3.86 -5.79 -6.56	8.77
10 14 23 00-0045	EA			1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	56.11 -3.86 -5.79 -6.56	8.77
10 14 23 00-0046	EA			1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	71.54 -5.40 -8.10 -9.18	8.77
10 14 23 00-0047 California Title 24, Surface Mount, Stairwell Signs <small>(10 14 23 00-0042)</small>						
Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.						
10 14 23 00-0048	EA			1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	104.62 -8.71 -13.07 -14.81	8.77
10 14 23 00-0049 Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0001)</small>						
10 14 23 00-0050 Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0049)</small>						

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 14 23 00-0051	EA Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	30.31	12.27
	For >25 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.45	
	For >100, Deduct	-1.73	
	For Glow-In-Dark, Add	3.47	
	For Reflective Finish, Add	4.34	
10 14 23 00-0052	EA >25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	35.03	12.27
	For >25 To 50, Deduct	-1.05	
	For >50 To 100, Deduct	-2.63	
	For >100, Deduct	-3.15	
	For Glow-In-Dark, Add	6.30	
	For Reflective Finish, Add	7.88	
10 14 23 00-0053	EA >50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	41.33	12.27
	For >25 To 50, Deduct	-1.68	
	For >50 To 100, Deduct	-4.20	
	For >100, Deduct	-5.04	
	For Glow-In-Dark, Add	10.08	
	For Reflective Finish, Add	12.60	
10 14 23 00-0054	EA >100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign.....	50.78	12.27
	For >25 To 50, Deduct	-2.63	
	For >50 To 100, Deduct	-6.56	
	For >100, Deduct	-7.88	
	For Glow-In-Dark, Add	15.75	
	For Reflective Finish, Add	19.69	
10 14 23 00-0055	90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0001)</small>		
10 14 23 00-0056	Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0055)</small>		
10 14 23 00-0057	EA Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign.....	30.83	12.27
	For >25 To 50, Deduct	-0.63	
	For >50 To 100, Deduct	-1.58	
	For >100, Deduct	-1.89	
	For Glow-In-Dark, Add	3.78	
	For Reflective Finish, Add	4.73	
10 14 23 00-0058	EA >25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign.....	36.08	12.27
	For >25 To 50, Deduct	-1.16	
	For >50 To 100, Deduct	-2.89	
	For >100, Deduct	-3.47	
	For Glow-In-Dark, Add	6.93	
	For Reflective Finish, Add	8.66	
10 14 23 00-0059	EA >50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign.....	47.63	12.27
	For >25 To 50, Deduct	-2.31	
	For >50 To 100, Deduct	-5.78	
	For >100, Deduct	-6.93	
	For Glow-In-Dark, Add	13.86	
	For Reflective Finish, Add	17.33	
10 14 23 00-0060	EA >100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign.....	51.83	12.27
	For >25 To 50, Deduct	-2.73	
	For >50 To 100, Deduct	-6.83	
	For >100, Deduct	-8.19	
	For Glow-In-Dark, Add	16.38	
	For Reflective Finish, Add	20.48	
10 14 23 00-0061	Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0001)</small>		
10 14 23 00-0062	Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 00-0061)</small>		
10 14 23 00-0063	EA Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	32.41	12.27
	For >25 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-1.97	
	For >100, Deduct	-2.36	
	For Glow-In-Dark, Add	4.73	
	For Reflective Finish, Add	5.91	
10 14 23 00-0064	EA >25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	40.28	12.27
	For >25 To 50, Deduct	-1.58	
	For >50 To 100, Deduct	-3.94	
	For >100, Deduct	-4.73	
	For Glow-In-Dark, Add	9.45	
	For Reflective Finish, Add	11.81	
10 14 23 00-0065	EA >50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	43.43	12.27
	For >25 To 50, Deduct	-1.89	
	For >50 To 100, Deduct	-4.73	
	For >100, Deduct	-5.67	
	For Glow-In-Dark, Add	11.34	
	For Reflective Finish, Add	14.18	
10 14 23 00-0066	EA >100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	47.63	12.27
	For >25 To 50, Deduct	-2.31	
	For >50 To 100, Deduct	-5.78	
	For >100, Deduct	-6.93	
	For Glow-In-Dark, Add	13.86	
	For Reflective Finish, Add	17.33	
10 14 23 00-0067	Adhesive Backed Vinyl Characters <small>(10 14 23)</small>		
	Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		

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

10 14 23 00-0068	EA			1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.10 0.34	0.70
10 14 23 00-0069	EA			3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.17 0.36	0.80
10 14 23 00-0070	EA			1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.23 0.38	0.91
10 14 23 00-0071	EA			1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	3.04 0.49	1.05
10 14 23 00-0072	EA			2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	3.13 0.51	1.22
10 14 23 00-0073	EA			3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	4.39 0.73	1.40
10 14 23 00-0074	EA			4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	4.66 0.80	1.57
10 14 23 00-0075	EA			6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	6.18 1.09	1.76
10 14 23 00-0076	EA			8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	7.27 1.36	1.93
10 14 23 00-0077	EA			10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character <i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	9.24 1.76	2.11

10 14 23 00-0078 Removal And Reinstallation Of Building Signage (10 14 23)

Note: Includes storage and cleaning.

10 14 23 00-0079	EA			Remove And Reinstall Building Signage, Exterior Up To 4 SF.....	138.46	
10 14 23 00-0080	EA			Remove And Reinstall Building Signage, Exterior >4 To 12 SF.....	159.36	
10 14 23 00-0081	EA			Remove And Reinstall Building Signage, >12 To 20 SF.....	179.15	
10 14 23 00-0082	EA			Remove And Reinstall Interior Door And Office Signage, Up To 4SF.....	52.57	

10 14 23 00-0083 Building Sign (10 14 23)

Note: Includes 4" numbers painted on. Installed on building.

10 14 23 00-0084	EA			6" x 18" Metal Building Sign With Numbers.....	149.89	21.03
10 14 23 00-0085	SF			Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts.....	37.65	5.54
10 14 23 00-0086	SF			Single Sided, Molding On One Side, For Mounting On Structure Up To 20'.....	27.90	5.14
10 14 23 00-0087	EA			Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep.....	14.36	4.35
10 14 23 00-0088	EA			Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep.....	16.31	4.75
10 14 23 00-0089	EA			Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep.....	17.83	5.14
10 14 23 00-0090	EA			Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep.....	20.50	5.54

10 14 23 00-0091 Custom Acrylic Signage (Takeform; Fusion) (10 14 23)

10 14 23 00-0092	EA			Type B: F04C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	266.05	17.52
10 14 23 00-0093	EA			Type B: F53C-W1 Directional, 11" x 21.45" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	367.64	17.52
10 14 23 00-0094	EA			Inserts for Type B: Directional Signage.....	26.29	
10 14 23 00-0095	EA			Type D: F04B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	210.66	14.02
10 14 23 00-0096	EA			Type D: F53B-R1 Evacuation, 8.5" x 18.2" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	283.23	14.02
10 14 23 00-0097	EA			Inserts for Type D: Evacuation Map Signage.....	14.72	
10 14 23 00-0098	EA			Type E: F04B-BB-K2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage.....	173.03	9.11
10 14 23 00-0099	EA			Type E: F53BB3-BC2 Stairs ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage.....	162.15	9.11
10 14 23 00-0100	EA			Type E.2: F04B-BB-K2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage.....	173.03	9.11
10 14 23 00-0101	EA			Type E.2: F53BB3-BC2 Restroom ID With Pictogram, 8.5" x 11.9" Acrylic, Surface Mount Signage.....	162.15	9.11
10 14 23 00-0102	EA			Type H: F04B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	139.68	8.77
10 14 23 00-0103	EA			Type H: F53B-D1 Office ID, 8.5" x 6.4" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	163.86	8.77
10 14 23 00-0104	EA			Inserts for Type H Signage.....	8.08	
10 14 23 00-0105	EA			Type I: F04B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	157.82	8.77
10 14 23 00-0106	EA			Type I: F53B-G1 Large Office ID, 8.5" x 9.68" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	194.10	8.77
10 14 23 00-0107	EA			Inserts for Type I Signage.....	12.62	
10 14 23 00-0108	EA			Type L: Workstation ID, 8.5" x 3.0" Acrylic, Surface Mount Signage..... Note: Accommodates inserts.	51.17	8.77
10 14 23 00-0109	EA			Inserts for Type L Signage.....	10.10	

10 14 53 Traffic Signage (10 14)

10 14 53 00-0001	Traffic Signs					
10 14 53 00-0002	Reflectorized Stop Signs And Other Traffic Signs			<small>(10 14 53 00-0001)</small>		
10 14 53 00-0003	Aluminum Engineer Grade Stop Signs			<small>(10 14 53 00-0002)</small>		
10 14 53 00-0004	EA			18" x 18" Aluminum Engineer Grade Stop Sign..... <i>For Hi-Intensity Grade, Add</i>	53.00 6.44	15.77
10 14 53 00-0005	EA			18" x 24" Aluminum Engineer Grade Stop Sign..... <i>For Hi-Intensity Grade, Add</i>	61.34 8.42	16.68
10 14 53 00-0006	EA			24" x 24" Aluminum Engineer Grade Stop Sign..... <i>For Hi-Intensity Grade, Add</i>	66.40 12.85	17.52
				<i>For Diamond Grade, Add</i>	20.38	

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 00-0007	EA		30" x 30" Aluminum Engineer Grade Stop Sign.....	76.95	18.44
			<i>For Hi-Intensity Grade, Add</i>	4.82	
			<i>For Diamond Grade, Add</i>	26.10	
10 14 53 00-0008	EA		36" x 36" Aluminum Engineer Grade Stop Sign.....	102.90	19.28
			<i>For Hi-Intensity Grade, Add</i>	14.16	
			<i>For Diamond Grade, Add</i>	44.40	
10 14 53 00-0009			Other Reflectorized Traffic Signs (10 14 53 00-0002)		
			Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 00-0010			Aluminum Engineer Grade Traffic Signs (10 14 53 00-0009)		
10 14 53 00-0011	EA		6" x 12" Aluminum Engineer Grade Traffic Sign.....	33.35	14.02
			<i>For Hi-Intensity Grade, Add</i>	1.59	
10 14 53 00-0012	EA		6" x 18" Aluminum Engineer Grade Traffic Sign.....	36.01	14.02
			<i>For Hi-Intensity Grade, Add</i>	2.39	
10 14 53 00-0013	EA		9" x 12" Aluminum Engineer Grade Traffic Sign.....	36.01	14.02
			<i>For Hi-Intensity Grade, Add</i>	2.39	
10 14 53 00-0014	EA		9" x 15" Aluminum Engineer Grade Traffic Sign.....	38.00	14.02
			<i>For Hi-Intensity Grade, Add</i>	2.99	
10 14 53 00-0015	EA		9" x 18" Aluminum Engineer Grade Traffic Sign.....	40.00	14.02
			<i>For Hi-Intensity Grade, Add</i>	3.59	
10 14 53 00-0016	EA		9" x 24" Aluminum Engineer Grade Traffic Sign.....	45.73	14.90
			<i>For Hi-Intensity Grade, Add</i>	4.78	
10 14 53 00-0017	EA		9" x 48" Aluminum Engineer Grade Traffic Sign.....	61.67	14.90
			<i>For Hi-Intensity Grade, Add</i>	9.56	
10 14 53 00-0018	EA		12" x 12" Aluminum Engineer Grade Traffic Sign.....	38.67	14.02
			<i>For Hi-Intensity Grade, Add</i>	3.19	
10 14 53 00-0019	EA		12" x 18" Aluminum Engineer Grade Traffic Sign.....	45.73	14.90
			<i>For Hi-Intensity Grade, Add</i>	4.78	
10 14 53 00-0020	EA		12" x 24" Aluminum Engineer Grade Traffic Sign.....	51.04	14.90
			<i>For Hi-Intensity Grade, Add</i>	6.38	
10 14 53 00-0021	EA		12" x 30" Aluminum Engineer Grade Traffic Sign.....	56.36	14.90
			<i>For Hi-Intensity Grade, Add</i>	7.97	
10 14 53 00-0022	EA		12" x 36" Aluminum Engineer Grade Traffic Sign.....	61.67	14.90
			<i>For Hi-Intensity Grade, Add</i>	9.56	
10 14 53 00-0023	EA		18" x 18" Aluminum Engineer Grade Traffic Sign.....	53.70	14.90
			<i>For Hi-Intensity Grade, Add</i>	7.17	
10 14 53 00-0024	EA		18" x 24" Aluminum Engineer Grade Traffic Sign.....	61.67	14.90
			<i>For Hi-Intensity Grade, Add</i>	9.56	
10 14 53 00-0025	EA		18" x 30" Aluminum Engineer Grade Traffic Sign.....	71.40	15.77
			<i>For Hi-Intensity Grade, Add</i>	11.96	
10 14 53 00-0026	EA		18" x 36" Aluminum Engineer Grade Traffic Sign.....	79.37	15.77
			<i>For Hi-Intensity Grade, Add</i>	14.35	
10 14 53 00-0027	EA		18" x 48" Aluminum Engineer Grade Traffic Sign.....	102.31	19.28
			<i>For Hi-Intensity Grade, Add</i>	19.13	
10 14 53 00-0028	EA		18" x 54" Aluminum Engineer Grade Traffic Sign.....	110.28	19.28
			<i>For Hi-Intensity Grade, Add</i>	21.52	
10 14 53 00-0029	EA		24" x 24" Aluminum Engineer Grade Traffic Sign.....	74.06	15.77
			<i>For Hi-Intensity Grade, Add</i>	12.75	
10 14 53 00-0030	EA		24" x 30" Aluminum Engineer Grade Traffic Sign.....	84.69	15.77
			<i>For Hi-Intensity Grade, Add</i>	15.94	
10 14 53 00-0031	EA		24" x 36" Aluminum Engineer Grade Traffic Sign.....	95.31	15.77
			<i>For Hi-Intensity Grade, Add</i>	19.13	
10 14 53 00-0032	EA		24" x 42" Aluminum Engineer Grade Traffic Sign.....	112.94	19.28
			<i>For Hi-Intensity Grade, Add</i>	22.32	
10 14 53 00-0033	EA		24" x 48" Aluminum Engineer Grade Traffic Sign.....	123.57	19.28
			<i>For Hi-Intensity Grade, Add</i>	25.51	
10 14 53 00-0034	EA		24" x 54" Aluminum Engineer Grade Traffic Sign.....	134.19	19.28
			<i>For Hi-Intensity Grade, Add</i>	28.69	
10 14 53 00-0035	EA		24" x 60" Aluminum Engineer Grade Traffic Sign.....	144.82	19.28
			<i>For Hi-Intensity Grade, Add</i>	31.88	
10 14 53 00-0036	EA		30" x 30" Aluminum Engineer Grade Traffic Sign.....	97.97	15.77
			<i>For Hi-Intensity Grade, Add</i>	19.93	
10 14 53 00-0037	EA		30" x 36" Aluminum Engineer Grade Traffic Sign.....	118.25	19.28
			<i>For Hi-Intensity Grade, Add</i>	23.91	
10 14 53 00-0038	EA		30" x 42" Aluminum Engineer Grade Traffic Sign.....	131.54	19.28
			<i>For Hi-Intensity Grade, Add</i>	27.90	
10 14 53 00-0039	EA		30" x 48" Aluminum Engineer Grade Traffic Sign.....	151.83	22.78
			<i>For Hi-Intensity Grade, Add</i>	31.88	
10 14 53 00-0040	EA		30" x 60" Aluminum Engineer Grade Traffic Sign.....	185.41	26.28
			<i>For Hi-Intensity Grade, Add</i>	39.85	
10 14 53 00-0041	EA		36" x 36" Aluminum Engineer Grade Traffic Sign.....	134.19	19.28
			<i>For Hi-Intensity Grade, Add</i>	28.69	
10 14 53 00-0042	EA		36" x 42" Aluminum Engineer Grade Traffic Sign.....	157.15	22.78
			<i>For Hi-Intensity Grade, Add</i>	33.48	
10 14 53 00-0043	EA		36" x 48" Aluminum Engineer Grade Traffic Sign.....	180.10	26.28
			<i>For Hi-Intensity Grade, Add</i>	38.26	
10 14 53 00-0044	EA		36" x 54" Aluminum Engineer Grade Traffic Sign.....	196.04	26.28
			<i>For Hi-Intensity Grade, Add</i>	43.04	
10 14 53 00-0045	EA		36" x 60" Aluminum Engineer Grade Traffic Sign.....	219.00	29.79
			<i>For Hi-Intensity Grade, Add</i>	47.82	
10 14 53 00-0046	EA		36" x 73" Aluminum Engineer Grade Traffic Sign.....	260.55	33.29
			<i>For Hi-Intensity Grade, Add</i>	58.19	
10 14 53 00-0047	EA		36" x 78" Aluminum Engineer Grade Traffic Sign.....	273.83	33.29
			<i>For Hi-Intensity Grade, Add</i>	62.17	
10 14 53 00-0048	EA		36" x 108" Aluminum Engineer Grade Traffic Sign.....	364.04	38.55
			<i>For Hi-Intensity Grade, Add</i>	86.08	

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

10 14 53 00-0049	EA		42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	182.75 39.05	26.28
10 14 53 00-0050	EA		48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	229.63 51.01	29.79
10 14 53 00-0051	EA		48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	257.89 57.39	33.29
10 14 53 00-0052	EA		48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	279.14 63.76	33.29
10 14 53 00-0053	EA		48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	310.91 70.14	38.55
10 14 53 00-0054	EA		48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	332.16 76.52	38.55
10 14 53 00-0055	EA		48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	381.68 89.27	42.06
10 14 53 00-0056	EA		48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	424.19 102.02	42.06
10 14 53 00-0057	EA		48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	445.44 108.40	42.06
10 14 53 00-0058	EA		48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	470.20 114.77	43.81
10 14 53 00-0059	EA		60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	402.94 95.65	42.06
10 14 53 00-0060	EA		72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	877.32 229.55	56.07
10 14 53 00-0061	EA		78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	640.23 165.78	43.81

10 14 53 00-0062 Non-Reflectorized Traffic Signs (10 14 53 00-0001)

Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.

10 14 53 00-0063 Steel Non-Reflectorized Traffic Signs (10 14 53 00-0062)

10 14 53 00-0064	EA		6" x 12" Steel Non Reflectorized Traffic Sign	32.63	14.02
10 14 53 00-0065	EA		6" x 18" Steel Non Reflectorized Traffic Sign	34.93	14.02
10 14 53 00-0066	EA		9" x 12" Steel Non Reflectorized Traffic Sign	34.93	14.02
10 14 53 00-0067	EA		9" x 15" Steel Non Reflectorized Traffic Sign	36.65	14.02
10 14 53 00-0068	EA		9" x 18" Steel Non Reflectorized Traffic Sign	38.38	14.02
10 14 53 00-0069	EA		9" x 24" Steel Non Reflectorized Traffic Sign	43.57	14.90
10 14 53 00-0070	EA		9" x 48" Steel Non Reflectorized Traffic Sign	57.35	14.90
10 14 53 00-0071	EA		12" x 12" Steel Non Reflectorized Traffic Sign	37.23	14.02
10 14 53 00-0072	EA		12" x 18" Steel Non Reflectorized Traffic Sign	43.57	14.90
10 14 53 00-0073	EA		12" x 24" Steel Non Reflectorized Traffic Sign	48.16	14.90
10 14 53 00-0074	EA		12" x 30" Steel Non Reflectorized Traffic Sign	52.76	14.90
10 14 53 00-0075	EA		12" x 36" Steel Non Reflectorized Traffic Sign	57.35	14.90
10 14 53 00-0076	EA		18" x 18" Steel Non Reflectorized Traffic Sign	50.46	14.90
10 14 53 00-0077	EA		18" x 24" Steel Non Reflectorized Traffic Sign	57.35	14.90
10 14 53 00-0078	EA		18" x 30" Steel Non Reflectorized Traffic Sign	66.00	15.77
10 14 53 00-0079	EA		18" x 36" Steel Non Reflectorized Traffic Sign	72.89	15.77
10 14 53 00-0080	EA		18" x 48" Steel Non Reflectorized Traffic Sign	93.67	19.28
10 14 53 00-0081	EA		18" x 54" Steel Non Reflectorized Traffic Sign	100.56	19.28
10 14 53 00-0082	EA		24" x 24" Steel Non Reflectorized Traffic Sign	68.30	15.77
10 14 53 00-0083	EA		24" x 30" Steel Non Reflectorized Traffic Sign	77.49	15.77
10 14 53 00-0084	EA		24" x 36" Steel Non Reflectorized Traffic Sign	86.67	15.77
10 14 53 00-0085	EA		24" x 42" Steel Non Reflectorized Traffic Sign	102.86	19.28
10 14 53 00-0086	EA		24" x 48" Steel Non Reflectorized Traffic Sign	112.05	19.28
10 14 53 00-0087	EA		24" x 54" Steel Non Reflectorized Traffic Sign	121.23	19.28
10 14 53 00-0088	EA		24" x 60" Steel Non Reflectorized Traffic Sign	130.42	19.28
10 14 53 00-0089	EA		30" x 30" Steel Non Reflectorized Traffic Sign	88.97	15.77
10 14 53 00-0090	EA		30" x 36" Steel Non Reflectorized Traffic Sign	107.45	19.28
10 14 53 00-0091	EA		30" x 42" Steel Non Reflectorized Traffic Sign	118.94	19.28
10 14 53 00-0092	EA		30" x 48" Steel Non Reflectorized Traffic Sign	137.43	22.78
10 14 53 00-0093	EA		30" x 60" Steel Non Reflectorized Traffic Sign	167.41	26.28
10 14 53 00-0094	EA		36" x 36" Steel Non Reflectorized Traffic Sign	121.23	19.28
10 14 53 00-0095	EA		36" x 42" Steel Non Reflectorized Traffic Sign	142.03	22.78
10 14 53 00-0096	EA		36" x 48" Steel Non Reflectorized Traffic Sign	162.82	26.28
10 14 53 00-0097	EA		36" x 54" Steel Non Reflectorized Traffic Sign	176.60	26.28
10 14 53 00-0098	EA		36" x 60" Steel Non Reflectorized Traffic Sign	197.40	29.79
10 14 53 00-0099	EA		36" x 73" Steel Non Reflectorized Traffic Sign	234.27	33.29
10 14 53 00-0100	EA		36" x 78" Steel Non Reflectorized Traffic Sign	245.75	33.29
10 14 53 00-0101	EA		36" x 108" Steel Non Reflectorized Traffic Sign	325.16	38.55
10 14 53 00-0102	EA		42" x 42" Steel Non Reflectorized Traffic Sign	165.11	26.28
10 14 53 00-0103	EA		48" x 48" Steel Non Reflectorized Traffic Sign	206.59	29.79
10 14 53 00-0104	EA		48" x 54" Steel Non Reflectorized Traffic Sign	231.97	33.29
10 14 53 00-0105	EA		48" x 60" Steel Non Reflectorized Traffic Sign	250.34	33.29
10 14 53 00-0106	EA		48" x 66" Steel Non Reflectorized Traffic Sign	279.23	38.55
10 14 53 00-0107	EA		48" x 72" Steel Non Reflectorized Traffic Sign	297.60	38.55
10 14 53 00-0108	EA		48" x 84" Steel Non Reflectorized Traffic Sign	341.36	42.06
10 14 53 00-0109	EA		48" x 96" Steel Non Reflectorized Traffic Sign	378.11	42.06
10 14 53 00-0110	EA		48" x 102" Steel Non Reflectorized Traffic Sign	396.48	42.06
10 14 53 00-0111	EA		48" x 108" Steel Non Reflectorized Traffic Sign	418.36	43.81
10 14 53 00-0112	EA		60" x 72" Steel Non Reflectorized Traffic Sign	359.74	42.06
10 14 53 00-0113	EA		72" x 144" Steel Non Reflectorized Traffic Sign	773.64	56.07
10 14 53 00-0114	EA		78" x 96" Steel Non Reflectorized Traffic Sign	565.35	43.81

10 14 53 00-0115 Aluminum Non-Reflectorized Traffic Signs (10 14 53 00-0062)

10 Specialties
10 10 Information Specialties
10 14 Signage

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 14 53 00-0116	EA	6" x 12" Aluminum Non Reflectorized Traffic Sign	32.82	14.02
10 14 53 00-0117	EA	6" x 18" Aluminum Non Reflectorized Traffic Sign	35.21	14.02
10 14 53 00-0118	EA	9" x 12" Aluminum Non Reflectorized Traffic Sign	35.21	14.02
10 14 53 00-0119	EA	9" x 15" Aluminum Non Reflectorized Traffic Sign	37.00	14.02
10 14 53 00-0120	EA	9" x 18" Aluminum Non Reflectorized Traffic Sign	38.80	14.02
10 14 53 00-0121	EA	9" x 24" Aluminum Non Reflectorized Traffic Sign	44.13	14.90
10 14 53 00-0122	EA	9" x 48" Aluminum Non Reflectorized Traffic Sign	58.47	14.90
10 14 53 00-0123	EA	12" x 12" Aluminum Non Reflectorized Traffic Sign	37.60	14.02
10 14 53 00-0124	EA	12" x 18" Aluminum Non Reflectorized Traffic Sign	44.13	14.90
10 14 53 00-0125	EA	12" x 24" Aluminum Non Reflectorized Traffic Sign	48.91	14.90
10 14 53 00-0126	EA	12" x 30" Aluminum Non Reflectorized Traffic Sign	53.69	14.90
10 14 53 00-0127	EA	12" x 36" Aluminum Non Reflectorized Traffic Sign	58.47	14.90
10 14 53 00-0128	EA	18" x 18" Aluminum Non Reflectorized Traffic Sign	51.30	14.90
10 14 53 00-0129	EA	18" x 24" Aluminum Non Reflectorized Traffic Sign	58.47	14.90
10 14 53 00-0130	EA	18" x 30" Aluminum Non Reflectorized Traffic Sign	67.41	15.77
10 14 53 00-0131	EA	18" x 36" Aluminum Non Reflectorized Traffic Sign	74.58	15.77
10 14 53 00-0132	EA	18" x 48" Aluminum Non Reflectorized Traffic Sign	95.92	19.28
10 14 53 00-0133	EA	18" x 54" Aluminum Non Reflectorized Traffic Sign	103.09	19.28
10 14 53 00-0134	EA	24" x 24" Aluminum Non Reflectorized Traffic Sign	69.80	15.77
10 14 53 00-0135	EA	24" x 30" Aluminum Non Reflectorized Traffic Sign	79.36	15.77
10 14 53 00-0136	EA	24" x 36" Aluminum Non Reflectorized Traffic Sign	88.92	15.77
10 14 53 00-0137	EA	24" x 42" Aluminum Non Reflectorized Traffic Sign	105.48	19.28
10 14 53 00-0138	EA	24" x 48" Aluminum Non Reflectorized Traffic Sign	115.04	19.28
10 14 53 00-0139	EA	24" x 54" Aluminum Non Reflectorized Traffic Sign	124.60	19.28
10 14 53 00-0140	EA	24" x 60" Aluminum Non Reflectorized Traffic Sign	134.17	19.28
10 14 53 00-0141	EA	30" x 30" Aluminum Non Reflectorized Traffic Sign	91.31	15.77
10 14 53 00-0142	EA	30" x 36" Aluminum Non Reflectorized Traffic Sign	110.26	19.28
10 14 53 00-0143	EA	30" x 42" Aluminum Non Reflectorized Traffic Sign	122.21	19.28
10 14 53 00-0144	EA	30" x 48" Aluminum Non Reflectorized Traffic Sign	141.18	22.78
10 14 53 00-0145	EA	30" x 60" Aluminum Non Reflectorized Traffic Sign	172.09	26.28
10 14 53 00-0146	EA	36" x 36" Aluminum Non Reflectorized Traffic Sign	124.60	19.28
10 14 53 00-0147	EA	36" x 42" Aluminum Non Reflectorized Traffic Sign	145.96	22.78
10 14 53 00-0148	EA	36" x 48" Aluminum Non Reflectorized Traffic Sign	167.31	26.28
10 14 53 00-0149	EA	36" x 54" Aluminum Non Reflectorized Traffic Sign	181.65	26.28
10 14 53 00-0150	EA	36" x 60" Aluminum Non Reflectorized Traffic Sign	203.01	29.79
10 14 53 00-0151	EA	36" x 73" Aluminum Non Reflectorized Traffic Sign	241.10	33.29
10 14 53 00-0152	EA	36" x 78" Aluminum Non Reflectorized Traffic Sign	253.05	33.29
10 14 53 00-0153	EA	36" x 108" Aluminum Non Reflectorized Traffic Sign	335.27	38.55
10 14 53 00-0154	EA	42" x 42" Aluminum Non Reflectorized Traffic Sign	169.70	26.28
10 14 53 00-0155	EA	48" x 48" Aluminum Non Reflectorized Traffic Sign	212.58	29.79
10 14 53 00-0156	EA	48" x 54" Aluminum Non Reflectorized Traffic Sign	238.71	33.29
10 14 53 00-0157	EA	48" x 60" Aluminum Non Reflectorized Traffic Sign	257.83	33.29
10 14 53 00-0158	EA	48" x 66" Aluminum Non Reflectorized Traffic Sign	287.47	38.55
10 14 53 00-0159	EA	48" x 72" Aluminum Non Reflectorized Traffic Sign	306.59	38.55
10 14 53 00-0160	EA	48" x 84" Aluminum Non Reflectorized Traffic Sign	351.84	42.06
10 14 53 00-0161	EA	48" x 96" Aluminum Non Reflectorized Traffic Sign	390.09	42.06
10 14 53 00-0162	EA	48" x 102" Aluminum Non Reflectorized Traffic Sign	409.21	42.06
10 14 53 00-0163	EA	48" x 108" Aluminum Non Reflectorized Traffic Sign	431.84	43.81
10 14 53 00-0164	EA	60" x 72" Aluminum Non Reflectorized Traffic Sign	370.97	42.06
10 14 53 00-0165	EA	72" x 144" Aluminum Non Reflectorized Traffic Sign	800.60	56.07
10 14 53 00-0166	EA	78" x 96" Aluminum Non Reflectorized Traffic Sign	584.82	43.81

10 14 53 00-0167 Aluminum Street Signs (10 14 53 00-0001)

Note: Excludes posts.

10 14 53 00-0168 Aluminum Engineer Grade Street Signs (10 14 53 00-0167)

10 14 53 00-0169	EA	6" High, Aluminum Engineer Grade Street Sign	57.96	7.01
10 14 53 00-0170	EA	8" High, Aluminum Engineer Grade Street Sign	65.72	7.01
10 14 53 00-0171	EA	9" High, Aluminum Engineer Grade Street Sign	71.50	7.01

10 14 53 00-0172 Street Sign Accessories (10 14 53 00-0167)

10 14 53 00-0173	EA	Post Cap And Single Bracket For Street Sign	17.58	3.50
10 14 53 00-0174	EA	Post Cap And Double Bracket For Street Sign	17.58	3.50

10 14 53 00-0175 Sign Posts (10 14 53 00-0001)

Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.

10 14 53 00-0176 U-Channel Sign Posts (10 14 53 00-0175)

Note: Excludes digging and concrete.

10 14 53 00-0177 Baked Enamel U-Channel Sign Posts (10 14 53 00-0176)

10 14 53 00-0178	EA	3' To 4' Baked Enamel U-Channel Sign Post Base	46.92	14.29
10 14 53 00-0179	EA	6' Baked Enamel U-Channel Sign Post	61.51	17.86
10 14 53 00-0180	EA	7' Baked Enamel U-Channel Sign Post	73.46	21.43
10 14 53 00-0181	EA	8' Baked Enamel U-Channel Sign Post	86.01	25.01
10 14 53 00-0182	EA	10' Baked Enamel U-Channel Sign Post	103.79	30.37
10 14 53 00-0183	EA	12' Baked Enamel U-Channel Sign Post	106.73	30.37

10 14 53 00-0184 Galvanized Steel U-Channel Sign Posts (10 14 53 00-0176)

10 14 53 00-0185	EA	3' To 4' Galvanized Steel U-Channel Sign Post Base	50.70	14.29
10 14 53 00-0186	EA	6' Galvanized Steel U-Channel Sign Post	67.51	17.86
10 14 53 00-0187	EA	7' Galvanized Steel U-Channel Sign Post	87.03	21.43

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

10 14 53 00-0188	EA		8' Galvanized Steel U-Channel Sign Post.....	101.01	25.01
10 14 53 00-0189	EA		10' Galvanized Steel U-Channel Sign Post.....	114.71	30.37
10 14 53 00-0190	EA		12' Galvanized Steel U-Channel Sign Post.....	116.23	30.37
10 14 53 00-0191			Fiberglass Or Composite Plastic U-Channel Sign Posts (10 14 53 00-0175)		
10 14 53 00-0192	EA		3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	46.03	14.29
10 14 53 00-0193	EA		6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	59.57	17.86
10 14 53 00-0194	EA		7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	71.12	21.43
10 14 53 00-0195	EA		8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	83.22	25.01
10 14 53 00-0196	EA		10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	98.73	30.37
10 14 53 00-0197	EA		12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	103.73	30.37
10 14 53 00-0198			Tubular Sign Posts (10 14 53 00-0175)		
			Note: Excludes digging and concrete.		
10 14 53 00-0199			2-3/8" Diameter, Galvanized Steel Tubular Sign Post (10 14 53 00-0198)		
10 14 53 00-0200	EA		6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	68.13	17.86
10 14 53 00-0201	EA		7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	80.87	21.43
10 14 53 00-0202	EA		8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	95.51	25.01
10 14 53 00-0203	EA		10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	122.92	30.37
10 14 53 00-0204	EA		12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	133.22	30.37
10 14 53 00-0205			Square Sign Posts (10 14 53 00-0175)		
			Note: Excludes digging and concrete.		
10 14 53 00-0206			Galvanized Steel Square Sign Posts (10 14 53 00-0205)		
10 14 53 00-0207	EA		3' To 4' Galvanized Steel Square Sign Post Base.....	51.54	14.29
10 14 53 00-0208	EA		6' Galvanized Steel Square Sign Post.....	81.72	17.86
10 14 53 00-0209	EA		7' Galvanized Steel Square Sign Post.....	95.87	21.43
10 14 53 00-0210	EA		8' Galvanized Steel Square Sign Post.....	111.83	25.01
10 14 53 00-0211	EA		10' Galvanized Steel Square Sign Post.....	136.54	30.37
10 14 53 00-0212	EA		12' Galvanized Steel Square Sign Post.....	143.73	30.37
10 14 53 00-0213			Sign Post Accessories (10 14 53 00-0001)		
10 14 53 00-0214			Sign Post Brackets (10 14 53 00-0213)		
10 14 53 00-0215	EA		2-3/8" Outside Diameter, Single Sign Bracket Set.....	23.20	5.26
10 14 53 00-0216	EA		2-3/8" Outside Diameter, Double Sign Bracket Set.....	41.81	8.77
10 14 53 00-0217	EA		10 cm - 37 cm Diameter, Buckle Bracket Set.....	36.01	7.01
10 14 53 00-0218			Sign Post Caps (10 14 53 00-0213)		
10 14 53 00-0219	EA		Traffic Sign Post Cap.....	12.90	3.50
10 14 53 00-0220			Sign Post Replacement Bolts (10 14 53 00-0213)		
10 14 53 00-0221	EA		Signage Fasteners, 2 Bolts, 2 Nuts And 4 Washers.....	9.00	
10 14 53 00-0222			Removal Of Signs (10 14 53)		
			Note: Includes structural supports.		
10 14 53 00-0223	EA		>4 To 10 SF Sign Area, Sign Removal.....	140.20	
10 14 53 00-0224	EA		>10 To 20 SF Sign Area, Sign Removal.....	336.47	
10 14 53 00-0225	EA		>20 To 40 SF Sign Area, Sign Removal.....	504.70	
10 14 53 00-0226	EA		>40 To 100 SF Sign Area, Sign Removal.....	763.52	
10 14 53 00-0227			Remove And Reinstall Signs (10 14 53)		
			Note: Includes structural supports.		
10 14 53 00-0228	EA		>4 To 10 SF Sign Area, Remove And Reinstall Sign.....	213.59	
10 14 53 00-0229	EA		>10 To 20 SF Sign Area, Remove And Reinstall Sign.....	507.05	
10 14 53 00-0230	EA		>20 SF To 40 SF Sign Area, Remove And Reinstall Sign.....	759.05	
10 14 53 00-0231	EA		>40 SF To 100 SF Sign Area, Remove And Reinstall Sign.....	1,147.13	
10 14 53 00-0232	EA		Remove And Reinstall Street Sign On Post.....	80.61	
10 14 53 00-0233	EA		Remove And Relocate Traffic Light.....	270.98	
			Note: Excludes electrical hookup.		
10 14 56			Bridge Signage (10 14)		
10 14 56 00-0001			Bridge And Truss Mounted Signs (10 14 56)		
10 14 56 00-0002			Removal Of Bridge And Truss Mounted Signs (10 14 56 00-0001)		
10 14 56 00-0003	CF		Removal Of Foundation, Including Excavation.....	12.45	
10 14 56 00-0004	LF		Removal Of Truss And Supports.....	167.84	
10 14 56 00-0005	SF		Removal Of Sign Face.....	7.67	
10 14 56 00-0006	SF		Removal Of Legend.....	12.79	
10 14 56 00-0007	EA		Removal Of Changeable Message Panel.....	147.55	
10 14 56 00-0008	EA		Removal Of Posts And Supports, Per Post.....	76.73	
10 14 56 00-0009			Fabricate And Install New Reflective Messages On Sign Face (10 14 56 00-0001)		

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



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

10 14 56 00-0010			One Color/3 Dimensional Demountable Letters <small>(10 14 56 00-0009)</small>		
10 14 56 00-0011	EA		6" Capital Height Letter	23.60	
10 14 56 00-0012	EA		8" Capital Height Letter	28.03	
10 14 56 00-0013	EA		10" Capital Height Letter	32.43	
10 14 56 00-0014	EA		12" Capital Height Letter	36.45	
10 14 56 00-0015	EA		14" Capital Height Letter	38.97	

10 14 56 00-0016			Two Color Legend Shields-Die Cut Vinyl Engineer Grade <small>(10 14 56 00-0009)</small>		
10 14 56 00-0017	EA		6" Legend/Shields	24.45	
10 14 56 00-0018	EA		8" Legend/Shields	29.16	
10 14 56 00-0019	EA		10" Legend/Shields	33.84	
10 14 56 00-0020	EA		12" Legend/Shields	38.14	
10 14 56 00-0021	EA		14" Legend/Shields	40.96	

10 20 Interior Specialties (10)

10 21 Compartments And Cubicles (10 20)

10 21 13 Toilet Compartments (10 21)

10 21 13 13 Metal Toilet Compartments (10 21 13)

10 21 13 13-0001			Enamel Coated Steel Toilet Partitions And Urinal Screens <small>(10 21 13 13)</small>		
<small>Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.</small>					

10 21 13 13-0002			Enamel Coated Steel Toilet Partitions <small>(10 21 13 13-0001)</small>		
<small>Note: All colors.</small>					

10 21 13 13-0003			Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
10 21 13 13-0004	EA		36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	658.38	89.01
<small>For >10, Deduct</small>				-48.04	
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0005	EA		60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	794.01	96.92
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0006	EA		60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	847.47	100.88
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	

10 21 13 13-0007			Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<small>Note: Includes headrail.</small>					
10 21 13 13-0008	EA		36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	688.80	108.79
<small>For >10, Deduct</small>				-47.12	
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0009	EA		60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	798.20	116.71
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0010	EA		60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	843.20	120.66
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	

10 21 13 13-0011			Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<small>Note: Excludes above ceiling steel.</small>					
10 21 13 13-0012	EA		36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	813.02	128.56
<small>For >10, Deduct</small>				-55.59	
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0013	EA		60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	945.11	136.48
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0014	EA		60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	992.07	140.43
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	

10 21 13 13-0015			Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
<small>Note: Excludes above ceiling steel.</small>					
10 21 13 13-0016	EA		36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	790.75	148.35
<small>For >10, Deduct</small>				-49.41	
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0017	EA		60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	944.63	156.26
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	
10 21 13 13-0018	EA		60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	996.78	160.22
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>				90.66	

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

10 21 13 13-0019			Enamel Coated Steel Urinal Screens (10 21 13 13-0001) Note: All colors.		
10 21 13 13-0020			Floor Anchored, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)		
10 21 13 13-0021	EA		24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	350.33 25.12	55.36
10 21 13 13-0022	EA		36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	387.92 25.12	59.32
10 21 13 13-0023	EA		48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	426.61 25.12	63.27
10 21 13 13-0024			Wall Hung, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)		
10 21 13 13-0025	EA		18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	202.15 25.12	47.45
10 21 13 13-0026	EA		24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	218.06 25.12	51.41
10 21 13 13-0027	EA		30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	230.52 25.12	55.36
10 21 13 13-0028			Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)		
10 21 13 13-0029	EA		18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	259.08 25.12	51.41
10 21 13 13-0030			Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)		
10 21 13 13-0031	EA		18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	288.79 25.12	51.41
10 21 13 13-0032	EA		24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	308.11 25.12	55.36
10 21 13 13-0033	EA		30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen..... For Heavy Gauge Full-Height SS Brackets, Add	327.43 25.12	59.32
10 21 13 13-0034			Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens (10 21 13 13-0019)		
10 21 13 13-0035	EA		22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	325.23 25.12	55.36
10 21 13 13-0036	EA		34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	349.11 25.12	59.32
10 21 13 13-0037	EA		46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen For Heavy Gauge Full-Height SS Brackets, Add	385.55 25.12	63.27
10 21 13 13-0038			Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters (10 21 13 13-0001) Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0039			Enamel Coated Steel, Toilet Partition Doors (10 21 13 13-0038)		
10 21 13 13-0040	EA		24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... For Heavy Gauge Full-Height SS Hinge, Add	205.07 40.42	15.83
10 21 13 13-0041	EA		26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... For Heavy Gauge Full-Height SS Hinge, Add	209.64 40.42	15.83
10 21 13 13-0042	EA		30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door..... For Heavy Gauge Full-Height SS Hinge, Add	222.28 40.42	17.01
10 21 13 13-0043	EA		34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... For Heavy Gauge Full-Height SS Hinge, Add	242.82 40.42	17.01
10 21 13 13-0044	EA		36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... For Heavy Gauge Full-Height SS Hinge, Add	247.39 40.42	17.01
10 21 13 13-0045			Enamel Coated Steel, Toilet Partition Panels (10 21 13 13-0038)		
10 21 13 13-0046	EA		6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	150.16 25.12	23.74
10 21 13 13-0047	EA		12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	165.53 25.12	25.71
10 21 13 13-0048	EA		18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	180.89 25.12	27.70
10 21 13 13-0049	EA		24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	196.26 25.12	29.67
10 21 13 13-0050	EA		30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	211.63 25.12	31.64
10 21 13 13-0051	EA		36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	226.99 25.12	33.63
10 21 13 13-0052	EA		42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	241.22 25.12	35.60
10 21 13 13-0053	EA		48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	256.59 25.12	37.58
10 21 13 13-0054	EA		55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Heavy Gauge Full-Height SS Brackets, Add	267.38 25.12	39.56
10 21 13 13-0055	EA		58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Panel Reinforced At ADA Grab Bar, Add	273.53 42.00	40.35
10 21 13 13-0056	EA		60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... For Panel Reinforced At ADA Grab Bar, Add	281.60 42.00	41.54
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0057	EA		70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	307.25 42.00 25.12	43.51
10 21 13 13-0058	EA		78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	329.46 42.00 25.12	45.50
10 21 13 13-0059			70" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)		
10 21 13 13-0060	EA		Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	112.74 25.12	11.87
10 21 13 13-0061	EA		5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	124.68 25.12	13.84
10 21 13 13-0062	EA		6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	137.75 25.12	15.83
10 21 13 13-0063	EA		8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	159.97 25.12	17.80
10 21 13 13-0064	EA		10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	181.04 25.12	19.78
10 21 13 13-0065	EA		12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	202.11 25.12	21.76
10 21 13 13-0066	EA		18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	259.70 25.12	23.74
10 21 13 13-0067	EA		22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	297.89 25.12	25.71
10 21 13 13-0068	EA		24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	320.09 25.12	27.70
10 21 13 13-0069			82" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)		
10 21 13 13-0070	EA		Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	91.06 25.12	11.87
10 21 13 13-0071	EA		5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	99.58 25.12	13.84
10 21 13 13-0072	EA		6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	109.23 25.12	15.83
10 21 13 13-0073	EA		8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	123.46 25.12	17.80
10 21 13 13-0074	EA		10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	136.54 25.12	19.78
10 21 13 13-0075	EA		12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	150.76 25.12	21.76
10 21 13 13-0076	EA		18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	185.53 25.12	23.74
10 21 13 13-0077	EA		22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	208.89 25.12	25.71
10 21 13 13-0078	EA		24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	223.11 25.12	27.70
10 21 13 13-0079			96" To 120" Long, Enamel Coated Steel, Partition Pilasters (10 21 13 13-0038)		
10 21 13 13-0080	EA		Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	126.34 25.12	15.83
10 21 13 13-0081	EA		5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	138.29 25.12	17.80
10 21 13 13-0082	EA		6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	151.38 25.12	19.78
10 21 13 13-0083	EA		8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	173.58 25.12	21.76
10 21 13 13-0084	EA		10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	194.66 25.12	23.74
10 21 13 13-0085	EA		12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	215.73 25.12	25.71
10 21 13 13-0086	EA		18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	273.31 25.12	27.70
10 21 13 13-0087	EA		22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	311.50 25.12	29.67
10 21 13 13-0088	EA		24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	333.72 25.12	31.64
10 21 13 13-0089			Stainless Steel Toilet Partitions And Urinal Screens (10 21 13 13) Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10 21 13 13-0090			Stainless Steel Toilet Partitions (10 21 13 13-0089)		
10 21 13 13-0091			Floor Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 13-0090)		
10 21 13 13-0092	EA		36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,900.02 -172.20 90.66 602.70	89.01
10 21 13 13-0093	EA		60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,297.75 90.66 736.37	96.92

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 21	13	13-0094	EA 60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,406.88 90.66 771.79	100.88
10 21	13	13-0095		Overhead Braced, Stainless Steel, Complete Toilet Partitions <small>(10 21 13 13-0090)</small> Note: Includes headrail.		
	10 21	13	13-0096	EA 36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,597.42 -137.99 90.66 482.95	108.79
	10 21	13	13-0097	EA 60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,949.75 90.66 600.72	116.71
	10 21	13	13-0098	EA 60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,126.85 90.66 659.94	120.66
10 21	13	13-0099		Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions <small>(10 21 13 13-0090)</small> Note: Excludes above ceiling steel.		
	10 21	13	13-0100	EA 36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,220.12 -196.30 90.66 687.04	128.56
	10 21	13	13-0101	EA 60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,381.65 90.66 738.04	136.48
	10 21	13	13-0102	EA 60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,493.99 90.66 774.59	140.43
10 21	13	13-0103		Ceiling Hung, Stainless Steel, Complete Toilet Partitions <small>(10 21 13 13-0090)</small> Note: Excludes above ceiling steel.		
	10 21	13	13-0104	EA 36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,215.81 -191.91 90.66 671.69	148.35
	10 21	13	13-0105	EA 60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,705.25 90.66 837.46	156.26
	10 21	13	13-0106	EA 60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,846.03 90.66 883.96	160.22
10 21	13	13-0107		Stainless Steel Urinal Screens <small>(10 21 13 13-0089)</small>		
10 21	13	13-0108		Floor Anchored, Stainless Steel, Urinal Screens <small>(10 21 13 13-0107)</small>		
	10 21	13	13-0109	EA 24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	618.38 25.12 177.68	55.36
	10 21	13	13-0110	EA 36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	701.11 25.12 203.86	59.32
	10 21	13	13-0111	EA 48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	715.13 25.12 206.01	63.27
10 21	13	13-0112		Wall Hung, Stainless Steel, Urinal Screens <small>(10 21 13 13-0107)</small>		
	10 21	13	13-0113	EA 18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	455.06 25.12 126.06	47.45
	10 21	13	13-0114	EA 24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	492.39 25.12 136.35	51.41
	10 21	13	13-0115	EA 30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	537.80 25.12 149.48	55.36
10 21	13	13-0116		Wall Hung And Post Supported, Stainless Steel, Urinal Screens <small>(10 21 13 13-0107)</small>		
	10 21	13	13-0117	EA 18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	747.36 25.12 225.59	51.41
	10 21	13	13-0118	EA 24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	782.82 25.12 235.24	55.36
	10 21	13	13-0119	EA 30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	818.11 25.12 244.82	59.32

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 13-0120	Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens <small>(10 21 13 13-0107)</small>		
10 21 13 13-0121	EA 22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen .....618.38	55.36	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	177.68	
10 21 13 13-0122	EA 34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen .....701.10	59.32	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	203.86	
10 21 13 13-0123	EA 46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen .....787.33	63.27	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	231.28	
10 21 13 13-0124	Stainless Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 13-0089)</small>		
	See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 13-0125	Stainless Steel, Toilet Partition Doors <small>(10 21 13 13-0124)</small>		
10 21 13 13-0126	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Door .....415.67	15.83	
	For Heavy Gauge Full-Height SS Hinge, Add	40.42	
	For Diamond Pattern Finish, Add	134.41	
10 21 13 13-0127	EA 26" x 58" x 1", Stainless Steel, Toilet Partition Door .....476.32	15.83	
	For Heavy Gauge Full-Height SS Hinge, Add	40.42	
	For Diamond Pattern Finish, Add	155.64	
10 21 13 13-0128	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Door .....488.69	17.80	
	For Heavy Gauge Full-Height SS Hinge, Add	40.42	
	For Diamond Pattern Finish, Add	158.58	
10 21 13 13-0129	EA 34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door .....506.19	17.80	
	For Heavy Gauge Full-Height SS Hinge, Add	40.42	
	For Diamond Pattern Finish, Add	164.71	
10 21 13 13-0130	EA 36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door .....511.07	17.80	
	For Heavy Gauge Full-Height SS Hinge, Add	40.42	
	For Diamond Pattern Finish, Add	166.41	
10 21 13 13-0131	Stainless Steel, Toilet Partition Panels <small>(10 21 13 13-0124)</small>		
10 21 13 13-0132	EA 6" x 58" x 1", Stainless Steel, Toilet Partition Panel .....355.62	23.74	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	107.85	
10 21 13 13-0133	EA 12" x 58" x 1", Stainless Steel, Toilet Partition Panel .....395.17	25.71	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	120.31	
10 21 13 13-0134	EA 18" x 58" x 1", Stainless Steel, Toilet Partition Panel .....411.43	27.70	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	124.62	
10 21 13 13-0135	EA 24" x 58" x 1", Stainless Steel, Toilet Partition Panel .....430.02	29.67	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	129.74	
10 21 13 13-0136	EA 30" x 58" x 1", Stainless Steel, Toilet Partition Panel .....461.63	31.64	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	139.42	
10 21 13 13-0137	EA 36" x 58" x 1", Stainless Steel, Toilet Partition Panel .....498.49	33.63	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	150.93	
10 21 13 13-0138	EA 42" x 58" x 1", Stainless Steel, Toilet Partition Panel .....584.53	35.60	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	179.66	
10 21 13 13-0139	EA 48" x 58" x 1", Stainless Steel, Toilet Partition Panel .....640.50	37.58	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	197.87	
10 21 13 13-0140	EA 55" x 58" x 1", Stainless Steel, Toilet Partition Panel .....656.77	39.56	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	202.18	
10 21 13 13-0141	EA 58" x 58" x 1", Stainless Steel, Toilet Partition Panel .....689.83	40.35	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	213.20	
10 21 13 13-0142	EA 60" x 58" x 1", Stainless Steel, Toilet Partition Panel .....733.27	41.54	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	227.57	
10 21 13 13-0143	EA 70" x 58" x 1", Stainless Steel, Toilet Partition Panel .....768.33	43.51	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	238.45	
10 21 13 13-0144	EA 78" x 58" x 1", Stainless Steel, Toilet Partition Panel .....843.85	45.50	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	263.50	
10 21 13 13-0145	70" Long, Stainless Steel, Toilet Partition Pilasters <small>(10 21 13 13-0124)</small>		
10 21 13 13-0146	EA Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster .....248.23	11.87	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	78.57	
10 21 13 13-0147	EA 5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster .....269.98	13.84	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	84.80	
10 21 13 13-0148	EA 6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster .....293.09	15.83	
	For Heavy Gauge Full-Height SS Brackets, Add	25.12	
	For Diamond Pattern Finish, Add	91.51	

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

10 21	13	13	0149	EA 8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	334.01 25.12 104.44	17.80
10 21	13	13	0150	EA 10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	374.93 25.12 117.38	19.78
10 21	13	13	0151	EA 12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	415.83 25.12 130.31	21.76
10 21	13	13	0152	EA 18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	529.30 25.12 168.64	23.74
10 21	13	13	0153	EA 22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	607.18 25.12 194.51	25.71
10 21	13	13	0154	EA 24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	648.09 25.12 207.45	27.70

10 21 13 13-0155 82" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 13-0124)

10 21	13	13	0156	EA Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	188.74 25.12 57.75	11.87
10 21	13	13	0157	EA 5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	203.99 25.12 61.70	13.84
10 21	13	13	0158	EA 6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	219.80 25.12 65.86	15.83
10 21	13	13	0159	EA 8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	286.39 25.12 87.78	17.80
10 21	13	13	0160	EA 10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	323.35 25.12 99.33	19.78
10 21	13	13	0161	EA 12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	334.14 25.12 101.72	21.76
10 21	13	13	0162	EA 18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	378.96 25.12 116.02	23.74
10 21	13	13	0163	EA 22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	427.86 25.12 131.75	25.71
10 21	13	13	0164	EA 24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	454.10 25.12 139.55	27.70

10 21 13 13-0165 96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 13-0124)

10 21	13	13	0166	EA Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	271.19 25.12 83.84	15.83
10 21	13	13	0167	EA 5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	297.05 25.12 91.51	17.80
10 21	13	13	0168	EA 6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	321.54 25.12 98.69	19.78
10 21	13	13	0169	EA 8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	369.29 25.12 114.02	21.76
10 21	13	13	0170	EA 10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	415.69 25.12 128.88	23.74
10 21	13	13	0171	EA 12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	462.08 25.12 143.73	25.71
10 21	13	13	0172	EA 18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	596.07 25.12 189.24	27.70
10 21	13	13	0173	EA 22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	684.90 25.12 218.95	29.67
10 21	13	13	0174	EA 24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	732.66 25.12 234.28	31.64

10 21 13 16 Plastic-Laminate-Clad Toilet Compartments (10 21 13)

10 21 13 16-0001 Laminated Plastic Toilet Partitions And Urinal Screens (10 21 13 16)

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 21 13 16-0002		Laminated Plastic Toilet Partitions (10 21 13 16-0001) Note: Includes all standard Bobrick colors.			
10 21 13 16-0003		Floor Anchored, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)			
10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	620.06		89.01
		<i>For >10, Deduct</i>	-44.20		
		<i>For Cast Stainless Steel Hardware, Add</i>	72.88		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	749.06		96.92
		<i>For Cast Stainless Steel Hardware, Add</i>	72.89		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	803.46		100.88
		<i>For Cast Stainless Steel Hardware, Add</i>	72.90		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0007		Overhead Braced, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Includes headrail.			
10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition.....	681.19		108.79
		<i>For >10, Deduct</i>	-46.36		
		<i>For Cast Stainless Steel Hardware, Add</i>	72.91		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	815.59		116.71
		<i>For Cast Stainless Steel Hardware, Add</i>	72.92		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	874.02		120.66
		<i>For Cast Stainless Steel Hardware, Add</i>	72.92		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0011		Ceiling Hung, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Excludes above ceiling steel.			
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	913.12		148.35
		<i>For >10, Deduct</i>	-61.64		
		<i>For Cast Stainless Steel Hardware, Add</i>	72.96		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,051.66		156.26
		<i>For Cast Stainless Steel Hardware, Add</i>	72.97		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0014	EA	60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,106.06		160.22
		<i>For Cast Stainless Steel Hardware, Add</i>	72.98		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66		
10 21 13 16-0015		Laminated Plastic Urinal Screens (10 21 13 16-0001) Note: Includes all standard Bobrick colors.			
10 21 13 16-0016		Floor Anchored, Laminated Plastic, Urinal Screens (10 21 13 16-0015)			
10 21 13 16-0017	EA	24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	275.58		55.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0018	EA	36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	299.67		59.32
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0019	EA	48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen	310.74		63.27
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0020		Wall Hung, Laminated Plastic, Urinal Screens (10 21 13 16-0015)			
10 21 13 16-0021	EA	18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	217.61		47.45
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0022	EA	24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	230.15		51.41
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0023	EA	30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen	242.25		55.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0024		Wall Hung And Post Supported, Laminated Plastic, Urinal Screens (10 21 13 16-0015)			
10 21 13 16-0025	EA	18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	279.58		51.41
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0026	EA	24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	305.92		55.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0027	EA	30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen	334.21		59.32
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0028		Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens (10 21 13 16-0015)			
10 21 13 16-0029	EA	24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen.....	261.22		51.41
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0030	EA	36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen.....	285.76		55.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		
10 21 13 16-0031	EA	48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen.....	296.58		59.32
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12		

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

10 21 13 16-0032			Laminated Plastic Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 16-0001)</small>		
			Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
10 21 13 16-0033			Laminated Plastic, Toilet Partition Doors <small>(10 21 13 16-0032)</small>		
10 21 13 16-0034	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	195.06	15.83
			For Heavy Gauge Full-Height SS Hinge, Add	40.42	
10 21 13 16-0035	EA		26" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	210.94	15.83
			For Heavy Gauge Full-Height SS Hinge, Add	40.42	
10 21 13 16-0036	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Door.....	219.23	17.80
			For Heavy Gauge Full-Height SS Hinge, Add	40.42	
10 21 13 16-0037	EA		34" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door.....	224.14	17.80
			For Heavy Gauge Full-Height SS Hinge, Add	40.42	
10 21 13 16-0038	EA		36" x 58" x 1", Laminated Plastic, ADA Compliant Toilet Partition Door.....	228.76	17.80
			For Heavy Gauge Full-Height SS Hinge, Add	40.42	
10 21 13 16-0039			Laminated Plastic, Toilet Partition Panels <small>(10 21 13 16-0032)</small>		
10 21 13 16-0040	EA		6" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	111.83	23.74
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0041	EA		12" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	123.28	25.71
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0042	EA		18" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	134.71	27.70
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0043	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	146.54	29.67
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0044	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	157.60	31.64
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0045	EA		36" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	169.46	33.63
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0046	EA		42" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	174.30	35.60
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0047	EA		48" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	179.69	37.58
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0048	EA		55" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	189.14	39.56
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0049	EA		58" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	196.33	40.35
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0050	EA		60" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	204.62	41.54
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0051	EA		70" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	230.25	43.51
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0052	EA		78" x 58" x 1", Laminated Plastic, Toilet Partition Panel.....	259.03	45.50
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
10 21 13 16-0053			69" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10 21 13 16-0032)</small>		
10 21 13 16-0054	EA		Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	85.24	11.87
			For 1-1/4" Pilaster, Add	5.07	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	61.50	
10 21 13 16-0055	EA		5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	98.44	13.84
			For 1-1/4" Pilaster, Add	5.84	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	70.74	
10 21 13 16-0056	EA		6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	102.38	15.83
			For 1-1/4" Pilaster, Add	5.84	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	70.74	
10 21 13 16-0057	EA		8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	113.27	17.80
			For 1-1/4" Pilaster, Add	6.41	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	77.67	
10 21 13 16-0058	EA		10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	119.25	19.78
			For 1-1/4" Pilaster, Add	6.57	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	79.69	
10 21 13 16-0059	EA		12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	129.84	21.76
			For 1-1/4" Pilaster, Add	7.12	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	86.33	
10 21 13 16-0060	EA		18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	162.09	23.74
			For 1-1/4" Pilaster, Add	9.46	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	114.62	
10 21 13 16-0061	EA		22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	193.77	25.71
			For 1-1/4" Pilaster, Add	11.74	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	142.34	
10 21 13 16-0062	EA		24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster.....	216.49	27.70
			For 1-1/4" Pilaster, Add	13.29	
			For Heavy Gauge Full-Height SS Brackets, Add	25.12	
			For Steel Core Pilaster, Add	161.11	
10 21 13 16-0063			83" Long, Laminated Plastic, Toilet Partition Pilasters <small>(10 21 13 16-0032)</small>		

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 16-0064	EA	Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	158.00	11.87
		<i>For 1-1/4" Pilaster, Add</i>	11.08	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	134.26	
10 21 13 16-0065	EA	5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	175.24	13.84
		<i>For 1-1/4" Pilaster, Add</i>	12.17	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	147.54	
10 21 13 16-0066	EA	6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	179.18	15.83
		<i>For 1-1/4" Pilaster, Add</i>	12.17	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	147.54	
10 21 13 16-0067	EA	8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	194.40	17.80
		<i>For 1-1/4" Pilaster, Add</i>	13.10	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	158.80	
10 21 13 16-0068	EA	10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	212.51	19.78
		<i>For 1-1/4" Pilaster, Add</i>	14.27	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	172.95	
10 21 13 16-0069	EA	12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	227.43	21.76
		<i>For 1-1/4" Pilaster, Add</i>	15.17	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	183.92	
10 21 13 16-0070	EA	18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	280.33	23.74
		<i>For 1-1/4" Pilaster, Add</i>	19.21	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	232.86	
10 21 13 16-0071	EA	22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	318.21	25.71
		<i>For 1-1/4" Pilaster, Add</i>	22.01	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	266.78	
10 21 13 16-0072	EA	24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster.....	327.65	27.70
		<i>For 1-1/4" Pilaster, Add</i>	22.46	
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For Steel Core Pilaster, Add</i>	272.27	

10 21 13 19 Plastic Toilet Compartments (10 21 13)**10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10 21 13 19)**

Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.

10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions (10 21 13 19-0001)

Note: Includes all standard Columbia Partitions colors.

10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet

Partitions (10 21 13 19-0002)

Note: Includes headrail.

10 21 13 19-0004	EA	36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,107.00	108.79
		<i>For >10, Deduct</i>	-88.94	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	551.45	
10 21 13 19-0005	EA	60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,357.07	116.71
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	696.68	
10 21 13 19-0006	EA	60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,500.94	120.66
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	780.97	

10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete

Toilet Partitions (10 21 13 19-0002)

Note: Excludes above ceiling steel.

10 21 13 19-0008	EA	36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,112.87	128.56
		<i>For >10, Deduct</i>	-85.57	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	530.55	
10 21 13 19-0009	EA	60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,384.71	136.48
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	689.28	
10 21 13 19-0010	EA	60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	1,528.57	140.43
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	773.57	

10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21

13 19-0002)

Note: Excludes above ceiling steel.

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

10 21	13	19-0012	EA	36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,171.84 -87.51 90.66 542.59	148.35
10 21	13	19-0013	EA	60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,383.78 90.66 664.18	156.26
10 21	13	19-0014	EA	60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,527.66 90.66 748.48	160.22
10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0001)</small>						
Note: Includes all standard Columbia Partitions colors.						
10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>						
10 21	13	19-0017	EA	18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	265.29 25.12 105.64	47.45
10 21	13	19-0018	EA	24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	279.92 25.12 109.80	51.41
10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>						
10 21	13	19-0020	EA	18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	334.41 25.12 143.59	51.41
10 21	13	19-0021	EA	24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	419.51 25.12 191.45	55.36
10 21	13	19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	465.44 25.12 215.02	59.32
10 21 13 19-0023 Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>						
10 21	13	19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	342.32 25.12 143.59	55.36
10 21	13	19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	427.42 25.12 191.45	59.32
10 21	13	19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	504.87 25.12 234.56	63.27
10 21 13 19-0027 Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0001)</small>						
Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.						
10 21 13 19-0028 Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0027)</small>						
10 21	13	19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	260.57 40.42 141.94	15.83
10 21	13	19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	281.41 40.42 154.86	15.83
10 21	13	19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	306.05 40.42 167.68	17.80
10 21	13	19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	348.21 40.42 193.82	17.80
10 21	13	19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	358.19 40.42 200.01	17.80
10 21 13 19-0034 Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0027)</small>						
10 21	13	19-0035	EA	6" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	98.21 25.12 31.46	23.74
10 21	13	19-0036	EA	12" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	152.92 25.12 62.92	25.71
10 21	13	19-0037	EA	18" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	207.60 25.12 94.38	27.70
10 21	13	19-0038	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	241.49 25.12 112.93	29.67

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0039	EA		30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	290.99 25.12 141.17	31.64
10 21 13 19-0040	EA		36" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	310.87 25.12 151.04	33.63
10 21 13 19-0041	EA		42" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	348.29 25.12 171.79	35.60
10 21 13 19-0042	EA		48" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	391.83 25.12 196.33	37.58
10 21 13 19-0043	EA		55" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	427.47 25.12 215.98	39.56
10 21 13 19-0044	EA		58" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	436.73 25.12 220.74	40.35
10 21 13 19-0045	EA		60" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	451.37 25.12 228.35	41.54
10 21 13 19-0046	EA		70" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	509.07 25.12 261.66	43.51
10 21 13 19-0047	EA		78" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	548.19 25.12 283.46	45.50
10 21 13 19-0048			82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters (10 21 13 19-0027)		
10 21 13 19-0049	EA		Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	121.49 25.12 60.61	11.87
10 21 13 19-0050	EA		5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	135.25 25.12 66.68	13.84
10 21 13 19-0051	EA		6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	147.27 25.12 71.69	15.83
10 21 13 19-0052	EA		8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	158.46 25.12 76.17	17.80
10 21 13 19-0053	EA		10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	177.85 25.12 85.74	19.78
10 21 13 19-0054	EA		12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	197.22 25.12 95.30	21.76
10 21 13 19-0055	EA		18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	268.89 25.12 137.28	23.74
10 21 13 19-0056	EA		22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	303.64 25.12 156.37	25.71
10 21 13 19-0057	EA		24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	330.51 25.12 170.58	27.70
10 21 13 19-0058			96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters (10 21 13 19-0027)		
10 21 13 19-0059	EA		Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	148.71 25.12 72.58	15.83
10 21 13 19-0060	EA		5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	163.82 25.12 79.50	17.80
10 21 13 19-0061	EA		6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	180.49 25.12 87.38	19.78
10 21 13 19-0062	EA		8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	204.31 25.12 99.70	21.76
10 21 13 19-0063	EA		10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	228.35 25.12 112.15	23.74
10 21 13 19-0064	EA		12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	252.18 25.12 124.47	25.71
10 21 13 19-0065	EA		18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	321.61 25.12 165.06	27.70
10 21 13 19-0066	EA		22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	359.46 25.12 186.07	29.67
10 21 13 19-0067	EA		24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	390.70 25.12 202.99	31.64

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

10 21 13 19-0068		Antimicrobial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069		Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070		Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small> Note: Includes headrail.		
10 21 13 19-0071	EA	36" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,418.30	108.79
		<i>For >10, Deduct</i>	-120.07	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	744.45	
10 21 13 19-0072	EA	60" x 60", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,750.37	116.71
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	940.52	
10 21 13 19-0073	EA	60" x 78", Overhead Braced, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,941.82	120.66
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	1,054.32	
10 21 13 19-0074		Floor And Ceiling Anchored, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,412.38	128.56
		<i>For >10, Deduct</i>	-115.52	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	716.25	
10 21 13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,773.81	136.48
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	930.52	
10 21 13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,965.26	140.43
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	1,044.32	
10 21 13 19-0078		Ceiling Hung, Antimicrobial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA	36" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	1,478.14	148.35
		<i>For >10, Deduct</i>	-118.14	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	732.49	
10 21 13 19-0080	EA	60" x 60", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,758.71	156.26
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	896.64	
10 21 13 19-0081	EA	60" x 78", Ceiling Hung, Antimicrobial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,950.18	160.22
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
		<i>For NFPA Class A, Add</i>	1,010.44	
10 21 13 19-0082		Antimicrobial Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083		Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0084	EA	18" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	324.92	47.45
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For NFPA Class A, Add</i>	142.61	
10 21 13 19-0085	EA	24" x 42" x 1", Wall Hung, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	339.72	51.41
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For NFPA Class A, Add</i>	146.88	
10 21 13 19-0086		Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	519.68	51.41
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For NFPA Class A, Add</i>	258.46	
10 21 13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen	590.29	55.36
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
		<i>For NFPA Class A, Add</i>	297.33	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0089	EA		30" x 42" x 1", Wall Hung And Post Supported, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	629.38 25.12 316.67	59.32
10 21 13 19-0090			Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0082)</small>		
10 21 13 19-0091	EA		24" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	423.37 25.12 193.84	55.36
10 21 13 19-0092	EA		36" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	535.50 25.12 258.46	59.32
10 21 13 19-0093	EA		48" x 55" x 1", Wall Hung And Overhead Braced, Antimicrobial Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	637.29 25.12 316.67	63.27
10 21 13 19-0094			Antimicrobial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095			Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0094)</small>		
10 21 13 19-0096	EA		24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	340.70 40.42 191.62	15.83
10 21 13 19-0097	EA		26" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	368.83 40.42 209.06	15.83
10 21 13 19-0098	EA		30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	400.70 40.42 226.36	17.80
10 21 13 19-0099	EA		34" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	457.63 40.42 261.66	17.80
10 21 13 19-0100	EA		36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	471.09 40.42 270.00	17.80
10 21 13 19-0101			Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0094)</small>		
10 21 13 19-0102	EA		6" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	115.97 25.12 42.47	23.74
10 21 13 19-0103	EA		12" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	188.43 25.12 84.94	25.71
10 21 13 19-0104	EA		18" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	260.88 25.12 127.41	27.70
10 21 13 19-0105	EA		24" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	305.23 25.12 152.45	29.67
10 21 13 19-0106	EA		30" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	370.67 25.12 190.57	31.64
10 21 13 19-0107	EA		36" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	396.13 25.12 203.91	33.63
10 21 13 19-0108	EA		42" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	445.27 25.12 231.92	35.60
10 21 13 19-0109	EA		48" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	502.66 25.12 265.04	37.58
10 21 13 19-0110	EA		55" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	549.39 25.12 291.57	39.56
10 21 13 19-0111	EA		58" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	561.33 25.12 297.99	40.35
10 21 13 19-0112	EA		60" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	580.27 25.12 308.26	41.54
10 21 13 19-0113	EA		70" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	656.78 25.12 353.24	43.51
10 21 13 19-0114	EA		78" x 55" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	708.21 25.12 382.68	45.50
10 21 13 19-0115			82" Long, Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>		
10 21 13 19-0116	EA		Up To 4" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	155.70 25.12 81.82	11.87

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

10 21	13	19-0117	EA	5" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	172.89 25.12 90.02	13.84	
10 21	13	19-0118	EA	6" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	187.74 25.12 96.78	15.83	
10 21	13	19-0119	EA	8" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	216.54 25.12 112.18	17.80	
10 21	13	19-0120	EA	10" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	243.24 25.12 126.28	19.78	
10 21	13	19-0121	EA	12" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	269.89 25.12 140.36	21.76	
10 21	13	19-0122	EA	18" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	346.38 25.12 185.32	23.74	
10 21	13	19-0123	EA	22" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	391.91 25.12 211.10	25.71	
10 21	13	19-0124	EA	24" x 82" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	426.81 25.12 230.29	27.70	
10 21	13	19-0125	96" To 120", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>				
10 21	13	19-0126	EA	Up To 4" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	189.69 25.12 97.99	15.83	
10 21	13	19-0127	EA	5" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	208.70 25.12 107.32	17.80	
10 21	13	19-0128	EA	6" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	229.83 25.12 117.97	19.78	
10 21	13	19-0129	EA	8" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	260.59 25.12 134.59	21.76	
10 21	13	19-0130	EA	10" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	291.67 25.12 151.40	23.74	
10 21	13	19-0131	EA	12" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	322.44 25.12 168.03	25.71	
10 21	13	19-0132	EA	18" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	414.80 25.12 222.84	27.70	
10 21	13	19-0133	EA	22" x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	464.50 25.12 251.20	29.67	
10 21	13	19-0134	EA	24 x 96" To 120" x 1", Antimicrobial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	505.29 25.12 274.03	31.64	
10 21	13	19-0135	Solid Phenolic Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small>				
Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.							
10 21	13	19-0136	Solid Phenolic Toilet Partitions <small>(10 21 13 19-0135)</small>				
Note: Includes all standard Bobrick colors.							
10 21	13	19-0137	Floor Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>				
10 21	13	19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	905.32 -72.73 90.66 161.63	89.01	
10 21	13	19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,102.46 90.66 200.50	96.92	
10 21	13	19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,225.29 90.66 225.03	100.88	
10 21	13	19-0141	Overhead Braced, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>				
Note: Includes headrail.							
10 21	13	19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,012.86 -79.53 90.66 177.89	108.79	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0143	EA 60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,217.59 90.66 218.35	116.71
10 21 13 19-0144	EA 60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,346.20 90.66 244.09	120.66
10 21 13 19-0145	Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions (10 21 13 19-0136) Note: Excludes above ceiling steel.		
10 21 13 19-0146	EA 36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,058.64 -80.15 90.66 181.17	128.56
10 21 13 19-0147	EA 60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,261.97 90.66 221.34	136.48
10 21 13 19-0148	EA 60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,384.78 90.66 245.86	140.43
10 21 13 19-0149	Ceiling Hung, Solid Phenolic, Complete Toilet Partitions (10 21 13 19-0136) Note: Excludes above ceiling steel.		
10 21 13 19-0150	EA 36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,061.11 -76.44 90.66 175.36	148.35
10 21 13 19-0151	EA 60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,258.11 90.66 214.20	156.26
10 21 13 19-0152	EA 60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,380.94 90.66 238.73	160.22
10 21 13 19-0153	Solid Phenolic Urinal Screens (10 21 13 19-0135) Note: Includes all standard Bobrick colors.		
10 21 13 19-0154	Floor Anchored, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0155	EA 24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	347.76 25.12 55.31	55.36
10 21 13 19-0156	EA 36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	390.61 25.12 63.05	59.32
10 21 13 19-0157	EA 48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	462.33 25.12 76.84	63.27
10 21 13 19-0158	Wall Hung, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0159	EA 18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	231.76 25.12 33.49	47.45
10 21 13 19-0160	EA 24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	265.65 25.12 39.34	51.41
10 21 13 19-0161	EA 30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	314.31 25.12 48.29	55.36
10 21 13 19-0162	Wall Hung And Post Supported, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0163	EA 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	237.89 25.12 33.51	51.41
10 21 13 19-0164	EA 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	290.82 25.12 43.36	55.36
10 21 13 19-0165	EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	335.75 25.12 51.53	59.32
10 21 13 19-0166	Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0167	EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	353.52 25.12 57.79	51.41
10 21 13 19-0168	EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	396.60 25.12 65.57	55.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	469.63 25.12 79.64	59.32
10 21	13 19-0170		Solid Phenolic Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21	13 19-0171		Solid Phenolic, Toilet Partition Doors <small>(10 21 13 19-0170)</small>		
10 21	13 19-0172	EA	24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	238.94 40.42 45.12	15.83
10 21	13 19-0173	EA	26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	246.74 40.42 46.75	15.83
10 21	13 19-0174	EA	30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	270.70 40.42 51.15	17.80
10 21	13 19-0175	EA	34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	291.03 40.42 55.42	17.80
10 21	13 19-0176	EA	36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	311.91 40.42 59.81	17.80
10 21	13 19-0177		Solid Phenolic, Toilet Partition Panels <small>(10 21 13 19-0170)</small>		
10 21	13 19-0178	EA	6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	90.67 25.12 11.45	23.74
10 21	13 19-0179	EA	12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	116.22 25.12 16.18	25.71
10 21	13 19-0180	EA	18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	152.55 25.12 23.17	27.70
10 21	13 19-0181	EA	24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	189.27 25.12 30.25	29.67
10 21	13 19-0182	EA	30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	209.93 25.12 33.96	31.64
10 21	13 19-0183	EA	36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	231.53 25.12 37.86	33.63
10 21	13 19-0184	EA	42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	267.32 25.12 44.74	35.60
10 21	13 19-0185	EA	48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	304.13 25.12 51.84	37.58
10 21	13 19-0186	EA	55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	323.96 25.12 55.37	39.56
10 21	13 19-0187	EA	58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	332.76 25.12 56.97	40.35
10 21	13 19-0188	EA	60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	339.47 25.12 58.00	41.54
10 21	13 19-0189	EA	70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	387.31 25.12 67.41	43.51
10 21	13 19-0190	EA	78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	462.29 25.12 82.52	45.50
10 21	13 19-0191		69" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10 21 13 19-0170)</small>		
10 21	13 19-0192	EA	Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	117.00 11.66 25.12 20.77	11.87
10 21	13 19-0193	EA	5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	134.82 13.39 25.12 23.88	13.84
10 21	13 19-0194	EA	6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	138.76 13.39 25.12 24.08	15.83
10 21	13 19-0195	EA	8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	160.33 15.59 25.12 27.97	17.80

10 Specialties

10 20 Interior Specialties

10 21 Compartments And Cubicles

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0196	EA 10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	180.17 17.58 25.12 31.51	19.78
10 21 13 19-0197	EA 12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	200.00 19.56 25.12 35.04	21.76
10 21 13 19-0198	EA 16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	252.75 25.66 25.12 45.48	23.74
10 21 13 19-0199	EA 20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	307.82 32.05 25.12 56.41	25.71
10 21 13 19-0200	EA 24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	323.89 33.56 25.12 59.16	27.70
10 21 13 19-0201	83" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10 21 13 19-0170)</small>		
10 21 13 19-0202	EA Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	127.39 12.96 25.12 22.95	11.87
10 21 13 19-0203	EA 5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	149.25 15.19 25.12 26.91	13.84
10 21 13 19-0204	EA 6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	153.19 15.19 25.12 27.11	15.83
10 21 13 19-0205	EA 8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	177.08 17.69 25.12 31.49	17.80
10 21 13 19-0206	EA 10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	199.80 20.03 25.12 35.63	19.78
10 21 13 19-0207	EA 12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	222.67 22.40 25.12 39.80	21.76
10 21 13 19-0208	EA 16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	286.53 29.88 25.12 52.58	23.74
10 21 13 19-0209	EA 20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	339.44 36.00 25.12 63.05	25.71
10 21 13 19-0210	EA 24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	357.54 37.77 25.12 66.22	27.70
10 21 13 19-0211	96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10 21 13 19-0170)</small>		
10 21 13 19-0212	EA Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	145.69 14.26 25.12 25.53	15.83
10 21 13 19-0213	EA 5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	171.59 17.00 25.12 30.34	17.80
10 21 13 19-0214	EA 6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	175.55 17.00 25.12 30.54	19.78
10 21 13 19-0215	EA 8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	201.73 19.78 25.12 35.40	21.76
10 21 13 19-0216	EA 10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	227.35 22.49 25.12 40.15	23.74
10 21 13 19-0217	EA 12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	253.25 25.23 25.12 44.95	25.71
10 21 13 19-0218	EA 16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	328.23 34.11 25.12 60.07	27.70

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0219	EA		20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	378.96 39.95 25.12 70.09	29.67
10 21 13 19-0220	EA		24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	399.09 41.97 25.12 73.68	31.64
10 21 13 19-0221			Solid Color Reinforced Composite Toilet Partitions And Urinal Screens <small>(10 21 13 19-0221)</small> <small>Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.</small>		
10 21 13 19-0222			Solid Color Reinforced Composite Toilet Partitions <small>(10 21 13 19-0221)</small> <small>Note: Includes all standard Bobrick colors.</small>		
10 21 13 19-0223			Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small>		
10 21 13 19-0224	EA		36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	992.59 -81.46 90.66	89.01
10 21 13 19-0225	EA		60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,211.49 90.66	96.92
10 21 13 19-0226	EA		60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,348.11 90.66	100.88
10 21 13 19-0227			Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small> <small>Note: Includes headrail.</small>		
10 21 13 19-0228	EA		36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,108.29 -89.07 90.66	108.79
10 21 13 19-0229	EA		60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,335.70 90.66	116.71
10 21 13 19-0230	EA		60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,478.79 90.66	120.66
10 21 13 19-0231			Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small> <small>Note: Excludes above ceiling steel.</small>		
10 21 13 19-0232	EA		36" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,154.82 -89.77 90.66	128.56
10 21 13 19-0233	EA		60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,380.65 90.66	136.48
10 21 13 19-0234	EA		60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,517.25 90.66	140.43
10 21 13 19-0235			Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small> <small>Note: Excludes above ceiling steel.</small>		
10 21 13 19-0236	EA		36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,152.83 -85.61 90.66	148.35
10 21 13 19-0237	EA		60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,371.58 90.66	156.26
10 21 13 19-0238	EA		60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,508.20 90.66	160.22
10 21 13 19-0239			Solid Color Reinforced Composite Urinal Screens <small>(10 21 13 19-0221)</small> <small>Note: Includes all standard Bobrick colors.</small>		
10 21 13 19-0240			Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0241	EA		24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	376.21 25.12	55.36

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0242	EA	36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	423.25 25.12	59.32
10 21 13 19-0243	EA	48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	502.62 25.12	63.27
10 21 13 19-0244		Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0245	EA	18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	248.18 25.12	47.45
10 21 13 19-0246	EA	24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	285.19 25.12	51.41
10 21 13 19-0247	EA	30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	338.74 25.12	55.36
10 21 13 19-0248		Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0249	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	254.10 25.12	51.41
10 21 13 19-0250	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	312.43 25.12	55.36
10 21 13 19-0251	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	361.81 25.12	59.32
10 21 13 19-0252		Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0253	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	383.60 25.12	51.41
10 21 13 19-0254	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	430.91 25.12	55.36
10 21 13 19-0255	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	511.75 25.12	59.32
10 21 13 19-0256		Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0221)</small>		
		Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.		
10 21 13 19-0257		Solid Color Reinforced Composite, Toilet Partition Doors <small>(10 21 13 19-0256)</small>		
10 21 13 19-0258	EA	24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	263.82 40.42	15.83
10 21 13 19-0259	EA	26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	272.55 40.42	15.83
10 21 13 19-0260	EA	30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	298.92 40.42	17.80
10 21 13 19-0261	EA	34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	321.68 40.42	17.80
10 21 13 19-0262	EA	36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	345.07 40.42	17.80
10 21 13 19-0263		Solid Color Reinforced Composite, Toilet Partition Panels <small>(10 21 13 19-0256)</small>		
10 21 13 19-0264	EA	6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	95.86 25.12	23.74
10 21 13 19-0265	EA	12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	123.99 25.12	25.71
10 21 13 19-0266	EA	18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	164.21 25.12	27.70
10 21 13 19-0267	EA	24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	204.86 25.12	29.67
10 21 13 19-0268	EA	30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	227.52 25.12	31.64
10 21 13 19-0269	EA	36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	251.25 25.12	33.63
10 21 13 19-0270	EA	42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	290.86 25.12	35.60
10 21 13 19-0271	EA	48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	331.60 25.12	37.58
10 21 13 19-0272	EA	55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	353.34 25.12	39.56
10 21 13 19-0273	EA	58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	363.00 25.12	40.35
10 21 13 19-0274	EA	60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	370.23 25.12	41.54
10 21 13 19-0275	EA	70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	423.35 25.12	43.51
10 21 13 19-0276	EA	78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	506.85 25.12	45.50
10 21 13 19-0277		69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13	19-0278	EA	Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	128.19	11.87
				<i>For 1" Pilaster, Add</i>	13.06	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0279	EA	5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	147.67	13.84
				<i>For 1" Pilaster, Add</i>	15.00	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0280	EA	6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	151.61	15.83
				<i>For 1" Pilaster, Add</i>	15.00	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0281	EA	8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	175.30	17.80
				<i>For 1" Pilaster, Add</i>	17.46	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0282	EA	10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	197.04	19.78
				<i>For 1" Pilaster, Add</i>	19.69	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0283	EA	12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	218.78	21.76
				<i>For 1" Pilaster, Add</i>	21.91	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0284	EA	16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	277.39	23.74
				<i>For 1" Pilaster, Add</i>	28.74	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0285	EA	20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	338.58	25.71
				<i>For 1" Pilaster, Add</i>	35.89	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0286	EA	24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	356.12	27.70
				<i>For 1" Pilaster, Add</i>	37.59	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0287		83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0286)</small>		
10 21	13	19-0288	EA	Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	139.83	11.87
				<i>For 1" Pilaster, Add</i>	14.51	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0289	EA	5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	163.84	13.84
				<i>For 1" Pilaster, Add</i>	17.02	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0290	EA	6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	167.78	15.83
				<i>For 1" Pilaster, Add</i>	17.02	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0291	EA	8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	194.05	17.80
				<i>For 1" Pilaster, Add</i>	19.81	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0292	EA	10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	219.03	19.78
				<i>For 1" Pilaster, Add</i>	22.43	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0293	EA	12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	244.17	21.76
				<i>For 1" Pilaster, Add</i>	25.08	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0294	EA	16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	315.22	23.74
				<i>For 1" Pilaster, Add</i>	33.47	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0295	EA	20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	374.00	25.71
				<i>For 1" Pilaster, Add</i>	40.32	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0296	EA	24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	393.80	27.70
				<i>For 1" Pilaster, Add</i>	42.30	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0297		96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0296)</small>		
10 21	13	19-0298	EA	Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	159.37	15.83
				<i>For 1" Pilaster, Add</i>	15.97	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0299	EA	5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	187.91	17.80
				<i>For 1" Pilaster, Add</i>	19.04	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0300	EA	6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	191.87	19.78
				<i>For 1" Pilaster, Add</i>	19.04	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0301	EA	8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	220.72	21.76
				<i>For 1" Pilaster, Add</i>	22.15	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0302	EA	10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	248.93	23.74
				<i>For 1" Pilaster, Add</i>	25.18	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0303	EA	12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	277.47	25.71
				<i>For 1" Pilaster, Add</i>	28.26	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0304	EA	16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	360.97	27.70
				<i>For 1" Pilaster, Add</i>	38.20	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0305	EA	20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	417.31	29.67
				<i>For 1" Pilaster, Add</i>	44.75	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21	13	19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster	439.38	31.64
				<i>For 1" Pilaster, Add</i>	47.01	
				<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 13 19-0307	Solid Polyester (Corian) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13 19-0308	Solid Polyester (Corian) Toilet Partitions <small>(10 21 13 19-0307)</small> Note: Small particulate finish.		
10 21 13 19-0309	Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small>		
10 21 13 19-0310	EA 36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,797.41	89.01
	<i>For >10, Deduct</i>	-261.94	
	<i>For Solid Color Material (No Particulate), Deduct</i>	-602.46	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0311	EA 60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,376.50	96.92
	<i>For Solid Color Material (No Particulate), Deduct</i>	-732.01	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0312	EA 60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,743.31	100.88
	<i>For Solid Color Material (No Particulate), Deduct</i>	-814.56	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0313	Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small>		
10 21 13 19-0314	EA 36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	2,908.31	108.79
	<i>For >10, Deduct</i>	-269.07	
	<i>For Solid Color Material (No Particulate), Deduct</i>	-618.87	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0315	EA 60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,816.45	116.71
	<i>For Solid Color Material (No Particulate), Deduct</i>	-824.10	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0316	EA 60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,223.44	120.66
	<i>For Solid Color Material (No Particulate), Deduct</i>	-915.89	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0317	Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0318	EA 36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	3,259.10	128.56
	<i>For >10, Deduct</i>	-300.20	
	<i>For Solid Color Material (No Particulate), Deduct</i>	-690.45	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0319	EA 60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,370.97	136.48
	<i>For Solid Color Material (No Particulate), Deduct</i>	-942.54	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0320	EA 60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,777.62	140.43
	<i>For Solid Color Material (No Particulate), Deduct</i>	-1,034.25	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0321	Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0322	EA 36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition.....	3,294.81	148.35
	<i>For >10, Deduct</i>	-299.81	
	<i>For Solid Color Material (No Particulate), Deduct</i>	-689.57	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0323	EA 60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,203.27	156.26
	<i>For Solid Color Material (No Particulate), Deduct</i>	-894.87	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0324	EA 60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	4,609.94	160.22
	<i>For Solid Color Material (No Particulate), Deduct</i>	-986.59	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	90.66	
10 21 13 19-0325	Solid Polyester (Corian) Urinal Screens <small>(10 21 13 19-0307)</small>		
10 21 13 19-0326	Floor Anchored, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0327	EA 24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	776.99	55.36
	<i>For Solid Color Material (No Particulate), Deduct</i>	-153.24	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0328	EA 36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	1,024.17	59.32
	<i>For Solid Color Material (No Particulate), Deduct</i>	-208.27	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0329	EA 48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen.....	1,271.34	63.27
	<i>For Solid Color Material (No Particulate), Deduct</i>	-263.30	
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	

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

10 21 13 19-0330			Wall Hung, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0331	EA		18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	400.92	47.45
			<i>For Solid Color Material (No Particulate), Deduct</i>	-70.38	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0332	EA		24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	510.83	51.41
			<i>For Solid Color Material (No Particulate), Deduct</i>	-93.84	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0333	EA		30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen.....	620.75	55.36
			<i>For Solid Color Material (No Particulate), Deduct</i>	-117.31	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0334			Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0335	EA		18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	522.58	51.41
			<i>For Solid Color Material (No Particulate), Deduct</i>	-96.55	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0336	EA		24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	650.12	55.36
			<i>For Solid Color Material (No Particulate), Deduct</i>	-124.06	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0337	EA		30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen.....	777.66	59.32
			<i>For Solid Color Material (No Particulate), Deduct</i>	-151.58	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0338			Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0339	EA		22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	795.16	51.41
			<i>For Solid Color Material (No Particulate), Deduct</i>	-159.24	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0340	EA		34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,042.33	55.36
			<i>For Solid Color Material (No Particulate), Deduct</i>	-214.27	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0341	EA		46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen	1,289.50	59.32
			<i>For Solid Color Material (No Particulate), Deduct</i>	-269.30	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0342			Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0307)</small>		
			See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0343			Solid Polyester (Corian), Toilet Partition Doors <small>(10 21 13 19-0342)</small>		
10 21 13 19-0344	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	609.85	15.83
			<i>For Solid Color Material (No Particulate), Deduct</i>	-132.99	
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
10 21 13 19-0345	EA		26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	651.17	15.83
			<i>For Solid Color Material (No Particulate), Deduct</i>	-142.49	
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
10 21 13 19-0346	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	742.53	17.80
			<i>For Solid Color Material (No Particulate), Deduct</i>	-162.59	
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
10 21 13 19-0347	EA		34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	827.81	17.80
			<i>For Solid Color Material (No Particulate), Deduct</i>	-182.21	
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
10 21 13 19-0348	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door	864.92	17.80
			<i>For Solid Color Material (No Particulate), Deduct</i>	-190.74	
			<i>For Heavy Gauge Full-Height SS Hinge, Add</i>	40.42	
10 21 13 19-0349			Solid Polyester (Corian), Toilet Partition Panels <small>(10 21 13 19-0342)</small>		
10 21 13 19-0350	EA		6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	167.09	23.74
			<i>For Solid Color Material (No Particulate), Deduct</i>	-27.51	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0351	EA		12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	290.69	25.71
			<i>For Solid Color Material (No Particulate), Deduct</i>	-55.03	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0352	EA		18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	414.27	27.70
			<i>For Solid Color Material (No Particulate), Deduct</i>	-82.54	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0353	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	537.86	29.67
			<i>For Solid Color Material (No Particulate), Deduct</i>	-110.06	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0354	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	661.45	31.64
			<i>For Solid Color Material (No Particulate), Deduct</i>	-137.57	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0355	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	785.02	33.63
			<i>For Solid Color Material (No Particulate), Deduct</i>	-165.09	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0356	EA		42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	908.62	35.60
			<i>For Solid Color Material (No Particulate), Deduct</i>	-192.60	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0357	EA		48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,032.20	37.58
			<i>For Solid Color Material (No Particulate), Deduct</i>	-220.12	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	
10 21 13 19-0358	EA		55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel.....	1,175.72	39.56
			<i>For Solid Color Material (No Particulate), Deduct</i>	-252.22	
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	25.12	

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0359	EA 58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,237.13 -265.98 25.12	40.35
10 21 13 19-0360	EA 60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,279.37 -275.15 25.12	41.54
10 21 13 19-0361	EA 70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,482.71 -321.00 25.12	43.51
10 21 13 19-0362	EA 78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,646.17 -357.69 25.12	45.50
10 21 13 19-0363 72" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)			
10 21 13 19-0364	EA Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	211.49 -43.18 25.12	11.87
10 21 13 19-0365	EA 5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	262.39 -53.98 25.12	13.84
10 21 13 19-0366	EA 6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	313.27 -64.77 25.12	15.83
10 21 13 19-0367	EA 8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	411.12 -86.37 25.12	17.80
10 21 13 19-0368	EA 10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	508.95 -107.96 25.12	19.78
10 21 13 19-0369	EA 12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	606.78 -129.55 25.12	21.76
10 21 13 19-0370	EA 18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	892.36 -194.32 25.12	23.74
10 21 13 19-0371	EA 22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,084.09 -237.51 25.12	25.71
10 21 13 19-0372	EA 24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,181.91 -259.10 25.12	27.70
10 21 13 19-0373 82" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)			
10 21 13 19-0374	EA Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	237.57 -49.18 25.12	11.87
10 21 13 19-0375	EA 5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	295.00 -61.48 25.12	13.84
10 21 13 19-0376	EA 6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	346.28 -72.37 25.12	15.83
10 21 13 19-0377	EA 8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	471.42 -100.24 25.12	17.80
10 21 13 19-0378	EA 10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	574.14 -122.95 25.12	19.78
10 21 13 19-0379	EA 12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	685.00 -147.54 25.12	21.76
10 21 13 19-0380	EA 18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,009.71 -221.32 25.12	23.74
10 21 13 19-0381	EA 22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,227.52 -270.50 25.12	25.71
10 21 13 19-0382	EA 24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,338.38 -295.09 25.12	27.70
10 21 13 19-0383 96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0342)			
10 21 13 19-0384	EA Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	313.27 -64.77 25.12	15.83
10 21 13 19-0385	EA 5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	387.64 -80.97 25.12	17.80
10 21 13 19-0386	EA 6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	462.01 -97.16 25.12	19.78
10 21 13 19-0387	EA 8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	606.78 -129.55 25.12	21.76

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

10 21 13 19-0388	EA			10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	751.55 -161.94 25.12	23.74
10 21 13 19-0389	EA			12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	896.32 -194.32 25.12	25.71
10 21 13 19-0390	EA			18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,322.73 -291.49 25.12	27.70
10 21 13 19-0391	EA			22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,608.33 -356.27 25.12	29.67
10 21 13 19-0392	EA			24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,753.10 -388.65 25.12	31.64

10 21 13 43 Compartments and Cubicles Common Accessories (10 21 13)

10 21 13 43-0001 Accessories <small>(10 21 13 43)</small>						
10 21 13 43-0002	LF			Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens.....	8.86	1.58
10 21 13 43-0003	LF			Stainless Steel Headrails For Toilet Partitions And Urinal Screens	13.05	1.58
10 21 13 43-0004	EA			Replacement 1-1/2" x 58" Stainless Steel Wall Posts.....	88.90	
10 21 13 43-0005	EA			Replacement 58" Aluminum Wall U Bracket.....	46.56	
10 21 13 43-0006	EA			Replacement 58" Aluminum Wall Two Ear Bracket	77.41	
10 21 13 43-0007	EA			Replacement 54" Stainless Steel Wall U Bracket	67.87	
10 21 13 43-0008	EA			Replacement 54" Stainless Steel Wall Two Ear Bracket	166.54	
10 21 13 43-0009	EA			Replacement 54" Plastic Wall Two Ear Bracket, All Colors	102.53	
10 21 13 43-0010	EA			Replacement 57-1/2" Stainless Steel Hinge	109.23	

10 21 16 Shower And Dressing Compartments (10 21)

10 21 16 00-0001 Shower Dividers <small>(10 21 16)</small>						
10 21 16 00-0002 Solid Phenolic Core Laminated Plastic, Shower Dividers <small>(10 21 16 00-0001)</small>						
Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.						
10 21 16 00-0003	EA			18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	654.05	98.90
					<i>For 66" High Panels, Add</i>	68.44
10 21 16 00-0004	EA			24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	821.96	106.81
					<i>For 66" High Panels, Add</i>	91.25
10 21 16 00-0005	EA			36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,062.96	118.68
					<i>For 66" High Panels, Add</i>	123.84
10 21 16 00-0006	EA			48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,254.58	138.46
					<i>For 66" High Panels, Add</i>	146.65
10 21 16 00-0007	EA			57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider	1,446.24	158.23
					<i>For 66" High Panels, Add</i>	169.46

10 21 16 00-0008 Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track (10 21 16 00-0001)

Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.						
10 21 16 00-0009	EA			18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,578.77	173.83
					<i>For 66" High Panels, Add</i>	219.43
					<i>For 6" Wide Head Rail, Add</i>	40.41
					<i>For 8" Wide Head Rail, Add</i>	56.20
					<i>For 10" Wide Head rail, Add</i>	68.51
					<i>For 12" Wide Head Rail, Add</i>	82.56
					<i>For 18" Wide, 1/2" Thick Bench, Add</i>	119.76
					<i>For 24" Wide, 1/2" Thick Bench, Add</i>	159.76
10 21 16 00-0010	EA			24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	1,948.74	189.81
					<i>For 66" High Panels, Add</i>	273.33
					<i>For 6" Wide Head Rail, Add</i>	50.87
					<i>For 8" Wide Head Rail, Add</i>	70.36
					<i>For 10" Wide Head rail, Add</i>	86.05
					<i>For 12" Wide Head Rail, Add</i>	103.64
					<i>For 18" Wide, 1/2" Thick Bench, Add</i>	122.97
					<i>For 24" Wide, 1/2" Thick Bench, Add</i>	162.97
10 21 16 00-0011	EA			36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,455.57	201.84
					<i>For 66" High Panels, Add</i>	348.15
					<i>For 6" Wide Head Rail, Add</i>	65.59
					<i>For 8" Wide Head Rail, Add</i>	90.15
					<i>For 10" Wide Head rail, Add</i>	110.67
					<i>For 12" Wide Head Rail, Add</i>	133.21
					<i>For 18" Wide, 1/2" Thick Bench, Add</i>	125.37
					<i>For 24" Wide, 1/2" Thick Bench, Add</i>	165.37
10 21 16 00-0012	EA			48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	2,624.21	225.81
					<i>For 66" High Panels, Add</i>	371.05
					<i>For 6" Wide Head Rail, Add</i>	69.69
					<i>For 8" Wide Head Rail, Add</i>	95.94
					<i>For 10" Wide Head rail, Add</i>	117.66
					<i>For 12" Wide Head Rail, Add</i>	141.65
					<i>For 18" Wide, 1/2" Thick Bench, Add</i>	130.16
					<i>For 24" Wide, 1/2" Thick Bench, Add</i>	170.16

10 Specialties**10 20 Interior Specialties****10 21 Compartments And Cubicles**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 21 16 00-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,001.36	245.43
		<i>For 66" High Panels, Add</i>	425.66	
		<i>For 6" Wide Head Rail, Add</i>	80.22	
		<i>For 8" Wide Head Rail, Add</i>	110.24	
		<i>For 10" Wide Head rail, Add</i>	135.34	
		<i>For 12" Wide Head Rail, Add</i>	162.90	
		<i>For 18" Wide, 1/2" Thick Bench, Add</i>	134.08	
		<i>For 24" Wide, 1/2" Thick Bench, Add</i>	174.08	

10 21 23 Cubicle Curtains And Track (10 21)**10 21 23 13 Cubicle Curtains (10 21 23)****10 21 23 13-0001 Hospital Curtains (10 21 23 13)**

10 21 23 13-0002	LF	84" High, Fire Resistant Polyester, Hospital Cubicle Curtain	13.27	0.68
10 21 23 13-0003	LF	90" High, Fire Resistant Polyester, Hospital Cubicle Curtain	14.06	0.68
10 21 23 13-0004	LF	96" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.07	0.68
10 21 23 13-0005	LF	102" High, Fire Resistant Polyester, Hospital Cubicle Curtain	15.87	0.68
10 21 23 13-0006	LF	108" High, Fire Resistant Polyester, Hospital Cubicle Curtain	16.68	0.68
10 21 23 13-0007	LF	120" High, Fire Resistant Polyester, Hospital Cubicle Curtain	18.23	0.68

10 21 23 16 Cubicle Track And Hardware (10 21 23)**10 21 23 16-0001 Hospital Cubicle Curtain Channel Track (10 21 23 16)**

Note: Track is extruded aluminum. Includes curved sections, carrier rollers and all fittings. (Medline)

10 21 23 16-0002	LF	Flush Mounted, Aluminum, Hospital Cubicle Curtain Channel Track	13.34	2.38
10 21 23 16-0003	LF	Suspended, Aluminum, Hospital Cubicle Curtain Channel Track	21.47	3.95

10 21 23 16-0004 Hospital IV Tracks (10 21 23 16)

10 21 23 16-0005	LF	Oval Hospital Partition IV Track	17.12	2.26
10 21 23 16-0006	EA	Hospital Partition IV Trolley	93.62	9.41
10 21 23 16-0007	EA	5 Hook Tree, Hospital Partition IV Pendant	382.51	9.41

10 22 Partitions (10 20)**10 22 13 Wire Mesh Partitions (10 22)****10 22 13 00-0001 Wall Panels (10 22 13)**

Note: Includes steel frame and posts. Posts bolted to floor.

10 22 13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	7.77	0.99
		<i>For 5' Wide Panels, Add</i>	0.29	
10 22 13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	8.68	1.19
		<i>For 5' Wide Panels, Add</i>	0.32	
10 22 13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	9.78	1.39
		<i>For 5' Wide Panels, Add</i>	0.35	

10 22 13 00-0005 Ceiling Panels (10 22 13)

Note: Includes steel frame.

10 22 13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	8.14	1.19
10 22 13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	9.03	1.39
10 22 13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	10.02	1.58

10 22 13 00-0009 Sliding Doors (10 22 13)

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22 13 00-0010	EA	4' x 8' Sliding Door, 10 Gauge With Cylinder Lock	796.50	207.69
		<i>For 8 Gauge, Add</i>	77.94	
		<i>For 6 Gauge, Add</i>	155.88	
10 22 13 00-0011	EA	4' x 10' Sliding Door, 10 Gauge With Cylinder Lock	845.20	229.44
		<i>For 8 Gauge, Add</i>	80.89	
		<i>For 6 Gauge, Add</i>	161.78	
10 22 13 00-0012	EA	5' x 8' Sliding Door, 10 Gauge With Cylinder Lock	916.57	237.36
		<i>For 8 Gauge, Add</i>	90.01	
		<i>For 6 Gauge, Add</i>	180.03	
10 22 13 00-0013	EA	5' x 10' Sliding Door, 10 Gauge With Cylinder Lock	998.77	257.14
		<i>For 8 Gauge, Add</i>	98.39	
		<i>For 6 Gauge, Add</i>	196.78	
10 22 13 00-0014	EA	6' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,036.87	272.97
		<i>For 8 Gauge, Add</i>	100.94	
		<i>For 6 Gauge, Add</i>	201.88	
10 22 13 00-0015	EA	6' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,134.42	288.78
		<i>For 8 Gauge, Add</i>	112.41	
		<i>For 6 Gauge, Add</i>	224.81	
10 22 13 00-0016	EA	8' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,219.28	310.54
		<i>For 8 Gauge, Add</i>	120.78	
		<i>For 6 Gauge, Add</i>	241.57	
10 22 13 00-0017	EA	8' x 10' Sliding Door, 10 Gauge With Cylinder Lock	1,319.32	324.39
		<i>For 8 Gauge, Add</i>	133.02	
		<i>For 6 Gauge, Add</i>	266.04	
10 22 13 00-0018	EA	10' x 8' Sliding Door, 10 Gauge With Cylinder Lock	1,333.85	332.31
		<i>For 8 Gauge, Add</i>	133.62	
		<i>For 6 Gauge, Add</i>	267.24	

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

10 22 13 00-0019	EA		10' x 10' Sliding Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,463.86 149.16 298.32	352.08
10 22 13 00-0020 Swing Doors <small>(10 22 13)</small>					
10 22 13 00-0021 Single Swing Door <small>(10 22 13 00-0020)</small>					
10 22 13 00-0022	EA		3' x 7' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	538.92 54.47 108.93	122.64
10 22 13 00-0023	EA		3' x 8' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	577.95 59.00 118.00	138.46
10 22 13 00-0024	EA		3' x 9' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	618.32 63.47 126.95	146.37
10 22 13 00-0025	EA		4' x 7' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	617.51 60.98 121.96	158.23
10 22 13 00-0026	EA		4' x 8' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	659.18 65.65 131.29	166.15
10 22 13 00-0027	EA		4' x 9' Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	689.01 68.54 137.08	174.06
10 22 13 00-0028	EA		4' x 7' Dutch Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	785.55 86.18 172.37	158.23
10 22 13 00-0029	EA		4' x 8' Dutch Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	832.48 91.64 183.28	166.15
10 22 13 00-0030 Double Swing Doors <small>(10 22 13 00-0020)</small>					
10 22 13 00-0031	EA		6' x 7' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	846.50 87.42 174.83	197.80
10 22 13 00-0032	EA		6' x 8' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	870.23 88.60 177.20	209.67
10 22 13 00-0033	EA		6' x 9' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,160.12 129.71 259.42	221.53
10 22 13 00-0034	EA		8 x 7' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	925.61 91.37 182.74	237.36
10 22 13 00-0035	EA		8 x 8' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	949.35 92.56 185.12	249.23
10 22 13 00-0036	EA		8 x 9' Double Swing Door, 10 Gauge With Cylinder Lock..... <i>For 8 Gauge, Add</i> <i>For 6 Gauge, Add</i>	1,239.24 133.67 267.33	261.10
10 22 19 Demountable Partitions <small>(10 22)</small>					
10 22 19 13 Demountable Metal Partitions <small>(10 22 19)</small>					
10 22 19 13-0001	LF		Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75'x2.5'..... <i>For >9, Add 11.10</i>	88.78	12.57
10 22 19 13-0002	LF		Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75'x2.5'..... <i>For >9, Add 9.67</i>	77.39	10.01
10 22 19 13-0003	LF		Demountable Partition, 1.75 System, Aluminum Frame, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75'x2.5'..... <i>For >9, Add 8.25</i>	66.01	7.53
10 22 19 13-0004	LF		Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 9' High, 48" Wide, Backed Enamel..... <i>For >9, Add 20.26</i>	162.10	10.01
10 22 19 13-0005	LF		Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 9' High, 48" Wide, Fabric..... <i>For >9, Add 29.89</i>	239.13	10.76
10 22 19 43 Demountable Composite Partitions <small>(10 22 19)</small>					
10 22 19 43-0001	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad..... <i>For >9, Add 16.66</i>	133.31	12.57
10 22 19 43-0002	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad..... <i>For >9, Add 20.73</i>	165.85	13.69
10 22 19 43-0003	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick..... <i>For Acoustical Partitions, Add</i>	27.57 2.39	1.88
10 22 19 43-0004	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick..... <i>For Acoustical Partitions, Add</i>	34.97 2.86	3.16
10 22 19 43-0005	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick..... <i>For Acoustical Partitions, Add</i>	29.41 2.55	1.95
10 22 19 43-0006	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick..... <i>For Acoustical Partitions, Add</i>	41.97 3.66	2.71

10 Specialties**10 20 Interior Specialties****10 22 Partitions**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
10 22 19 53 Demountable Gypsum Partitions (10 22 19)

10 22 19 53-0001	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Vinyl Clad.....	90.69	12.57
		<i>For >9, Add 11.34</i>		
10 22 19 53-0002	LF	Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 9' High, 3" To 3-3/4" Thick, Fabric Clad	160.27	13.69
		<i>For >9, Add 20.03</i>		
10 22 19 53-0003	LF	Demountable Partition Gypsum System, On 2" To 2-1/2", Steel Standard, 9' High, 3" To 3-3/4" Thick.....	172.19	15.05
		<i>For >9, Add 21.52</i>		
10 22 19 53-0004	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Vinyl Clad.....	109.43	12.57
		<i>For >9, Add 13.68</i>		
10 22 19 53-0005	LF	Demountable Partition Gypsum System, Unitized Panel, 9' High, 2" To 2-1/2" Thick, Fabric Clad.....	178.58	13.69
		<i>For >9, Add 22.32</i>		

10 22 19 71 Remove And Store Demountable Partitions (10 22 19)

10 22 19 71-0001	LF	Remove, Store And Reinstall Demountable Partitions, Up To 10'		55.38
------------------	----	---	--	-------

10 22 23 Portable Partitions, Screens, And Panels (10 22)

Note: Cubicle prices include standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 00-0001 Portable Partitions (10 22 23)

10 22 23 00-0002	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	163.26	6.03
10 22 23 00-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	174.15	6.70
10 22 23 00-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	207.07	8.05
10 22 23 00-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	119.90	3.47
10 22 23 00-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	127.42	3.99
10 22 23 00-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	143.34	4.82
10 22 23 00-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	122.05	3.69
10 22 23 00-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	217.13	6.70
10 22 23 00-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	238.90	8.05
10 22 23 00-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	126.91	4.60
10 22 23 00-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	144.46	5.34
10 22 23 00-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	116.27	3.99
10 22 23 00-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	130.61	4.82
10 22 23 00-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	193.25	6.70
10 22 23 00-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	218.21	8.05
10 22 23 00-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	196.44	6.70
10 22 23 00-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	238.90	8.05
10 22 23 00-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	151.29	3.99
10 22 23 00-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	170.40	4.82
10 22 23 00-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	159.46	3.69
10 22 23 00-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	190.20	4.36
10 22 23 00-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	93.49	4.60
10 22 23 00-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	110.24	5.34
10 22 23 00-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	99.57	4.82
10 22 23 00-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	72.70	3.69
10 22 23 00-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	117.87	4.82
10 22 23 00-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides.....	134.20	5.04
10 22 23 00-0029	LF	Partitions, Portable, Tackboard, Both Sides	108.48	4.89

10 22 33 Accordion Folding Partitions (10 22)**10 22 33 00-0001 Accordion Doors/Partitions (10 22 33)**

Note: Includes top support track and assembled panels.

10 22 33 00-0002	SF	15 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 1500).....	41.90	3.73
		<i>For <135 SF, Add</i>	8.38	
10 22 33 00-0003	SF	20 STC, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 2000).....	42.62	3.85
		<i>For <135 SF, Add</i>	8.52	
10 22 33 00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3100)	44.57	3.97
		<i>For <135 SF, Add</i>	8.91	
10 22 33 00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3500)	47.15	4.10
		<i>For <135 SF, Add</i>	9.43	
10 22 33 00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 3900)	48.04	4.22
		<i>For <135 SF, Add</i>	9.61	
10 22 33 00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4000)	48.70	4.35
		<i>For <135 SF, Add</i>	9.74	
10 22 33 00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4100)	49.35	4.47
		<i>For <135 SF, Add</i>	9.87	
10 22 33 00-0009	SF	45 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4500)	50.28	4.72
		<i>For <135 SF, Add</i>	10.06	

10 22 43 Sliding Partitions (10 22)**10 22 43 00-0001 Operable Wall (10 22 43)**

Note: Includes top support track, assembled panel and frames.

10 22 43 00-0002	SF	Up To 720 SF, 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	69.26	6.38
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		<i>For 51 STC, Add</i>	5.51	
10 22 43 00-0003	SF	>720 To 1,200 SF, 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	64.36	5.11
		Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
		<i>For 51 STC, Add</i>	5.40	

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

10 22 43 00-0004	SF		>1,200 SF, 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	60.74	4.25
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.28	
10 22 43 00-0005	SF		Up To 1,080 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	59.04	4.46
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	5.02	
10 22 43 00-0006	SF		>1,080 To 1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	55.27	3.64
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.88	
10 22 43 00-0007	SF		>1,800 SF, 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	53.04	3.25
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.76	
10 22 43 00-0008	SF		Up To 1,440 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	52.44	3.50
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.61	
10 22 43 00-0009	SF		>1,440 To 2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	49.58	2.99
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.46	
10 22 43 00-0010	SF		>2,400 SF, 24' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	47.59	2.68
			Note: Includes type 3 pocket door, two ADA pass doors, track and hardware. Hufcor 633E.		
			For 51 STC, Add	4.35	
10 22 43 00-0011	SF		Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	73.33	5.67
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	6.20	
10 22 43 00-0012	SF		>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	67.75	4.32
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	6.03	
10 22 43 00-0013	SF		>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	64.46	3.64
			Note: Includes type 3 pocket door, track and hardware. Hufcor 632.		
			For 51 STC, Add	5.89	

10 26 Wall And Door Protection (10 20)

10 26 13 Corner Guards (10 26)

10 26 13 00-0001 Vinyl Corner Guards (10 26 13)

10 26 13 00-0002 Rigid Vinyl Corner Guards (10 26 13 00-0001)

10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0002)

10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)

10 26 13 00-0005	LF		3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34).....	5.74	2.38
			For >50 To 100 LF, Deduct	-0.99	
			For >100 To 200 LF, Deduct	-1.38	
			For >200 LF, Deduct	-1.87	
10 26 13 00-0006	LF		1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12).....	6.45	2.38
			For >50 To 100 LF, Deduct	-0.99	
			For >100 To 200 LF, Deduct	-1.38	
			For >200 LF, Deduct	-1.90	
10 26 13 00-0007	LF		3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13).....	9.62	2.38
			For >50 To 100 LF, Deduct	-0.99	
			For >100 To 200 LF, Deduct	-1.38	
			For >200 LF, Deduct	-2.06	
10 26 13 00-0008	LF		4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14).....	11.32	2.38
			For >50 To 100 LF, Deduct	-0.99	
			For >100 To 200 LF, Deduct	-1.38	
			For >200 LF, Deduct	-2.15	

10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)

10 26 13 00-0010	LF		1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245).....	10.73	2.38
			For >50 To 100 LF, Deduct	-0.99	
			For >100 To 200 LF, Deduct	-1.38	
			For >200 LF, Deduct	-2.12	

10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0001)

Note: Includes closure caps.

10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)

10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)

10 26 13 00-0014	LF		2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20).....	12.16	3.56
			For >50 To 100 LF, Deduct	-1.48	
			For >100 To 200 LF, Deduct	-2.08	
			For >200 LF, Deduct	-2.98	
			For Recycled Vinyl Retainer, Deduct	-1.25	

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 26 13 00-0015	LF 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10).....	14.24	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.08	
	<i>For Recycled Vinyl Retainer, Deduct</i>	-1.66	
10 26 13 00-0016	LF Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30).....	15.07	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.13	
	<i>For Recycled Vinyl Retainer, Deduct</i>	-1.83	
10 26 13 00-0017	135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)		
10 26 13 00-0018	LF 3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135).....	16.32	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.19	
	<i>For Recycled Vinyl Retainer, Deduct</i>	-2.08	
10 26 13 00-0019	End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)		
	Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF 2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11).....	32.91	4.75
	<i>For >50 To 100 LF, Deduct</i>	-1.98	
	<i>For >100 To 200 LF, Deduct</i>	-2.77	
	<i>For >200 LF, Deduct</i>	-4.81	
	<i>For Recycled Vinyl Retainer, Deduct</i>	-5.00	
10 26 13 00-0021	Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)		
10 26 13 00-0022	90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)		
10 26 13 00-0023	LF 2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72).....	14.75	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.11	
	<i>For Up To 2 HR Fire Rated, Add</i>	6.17	
10 26 13 00-0024	LF 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7).....	17.23	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.23	
	<i>For Up To 2 HR Fire Rated, Add</i>	7.91	
10 26 13 00-0025	LF Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32).....	17.79	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.26	
	<i>For Up To 2 HR Fire Rated, Add</i>	8.30	
10 26 13 00-0026	135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)		
10 26 13 00-0027	LF 3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75).....	19.94	3.56
	<i>For >50 To 100 LF, Deduct</i>	-1.48	
	<i>For >100 To 200 LF, Deduct</i>	-2.08	
	<i>For >200 LF, Deduct</i>	-3.37	
	<i>For Up To 2 HR Fire Rated, Add</i>	9.81	
10 26 13 00-0028	End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)		
	Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029	LF 2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888).....	42.23	4.75
	<i>For >50 To 100 LF, Deduct</i>	-1.98	
	<i>For >100 To 200 LF, Deduct</i>	-2.77	
	<i>For >200 LF, Deduct</i>	-5.28	
	<i>For Up To 2 HR Fire Rated, Add</i>	24.02	
10 26 13 00-0030	Flexible Vinyl Corner Guards (10 26 13 00-0001)		
	Note: Includes adhesive for installation.		
10 26 13 00-0031	Surface Mounted, Flexible Vinyl Corner Guards (10 26 13 00-0030)		
10 26 13 00-0032	90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards (10 26 13 00-0031)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 26 13 00-0033	LF		1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9).....	7.86	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.97	
				<i>For Bolting To Concrete Or Masonry, Add</i>	1.77	
	10 26 13 00-0034	LF		2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3).....	10.74	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.12	
				<i>For Bolting To Concrete Or Masonry, Add</i>	2.20	
	10 26 13 00-0035	LF		4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15).....	11.97	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.18	
				<i>For Bolting To Concrete Or Masonry, Add</i>	2.39	
	10 26 13 00-0036			Polycarbonate Corner Guards <small>(1026 13)</small>		
	10 26 13 00-0037			Surface Mounted, Polycarbonate Corner Guards <small>(1026 13 00-0036)</small>		
	10 26 13 00-0038			90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(1026 13 00-0037)</small>		
	10 26 13 00-0039	LF		3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16).....	5.13	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.84	
	10 26 13 00-0040	LF		1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17).....	6.24	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.89	
	10 26 13 00-0041	LF		2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24).....	7.26	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.94	
	10 26 13 00-0042	LF		2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18).....	9.58	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.06	
	10 26 13 00-0043	LF		Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23).....	8.21	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.99	
	10 26 13 00-0044			135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(1026 13 00-0037)</small>		
	10 26 13 00-0045	LF		2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19).....	9.58	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.06	
	10 26 13 00-0046			Aluminum Corner Guards <small>(1026 13)</small>		
	10 26 13 00-0047			Surface Mounted, Aluminum Corner Guards <small>(1026 13 00-0046)</small>		
	10 26 13 00-0048			90 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(1026 13 00-0047)</small>		
	10 26 13 00-0049	LF		1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400).....	7.86	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.97	
	10 26 13 00-0050	LF		2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401).....	9.64	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.06	
	10 26 13 00-0051	LF		3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402).....	10.82	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.12	
	10 26 13 00-0052			135 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(1026 13 00-0047)</small>		
	10 26 13 00-0053	LF		1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403).....	7.86	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-1.97	
	10 26 13 00-0054	LF		2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404).....	9.64	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.06	
	10 26 13 00-0055	LF		3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405).....	10.14	2.38
				<i>For >50 To 100 LF, Deduct</i>	-0.99	
				<i>For >100 To 200 LF, Deduct</i>	-1.38	
				<i>For >200 LF, Deduct</i>	-2.09	
	10 26 13 00-0056			Steel Corner Guards <small>(1026 13)</small>		
	10 26 13 00-0057			Steel Angle Iron, Corner Guards <small>(1026 13 00-0056)</small>		

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 26 13 00-0058	Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0057)</small>		
10 26 13 00-0059	90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0058)</small>		
10 26 13 00-0060	LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	10.08 1.87 -1.19 -1.66 -2.40	2.85
10 26 13 00-0061	LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	12.92 2.72 -1.29 -1.80 -2.70	3.08
10 26 13 00-0062	LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	13.75 2.95 -1.33 -1.87 -2.82	3.20
10 26 13 00-0063	LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	14.06 2.98 -1.39 -1.94 -2.92	3.32
10 26 13 00-0064	LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.66 4.17 -1.44 -2.01 -3.18	3.44
10 26 13 00-0065	LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	21.26 5.37 -1.48 -2.08 -3.44	3.56
10 26 13 00-0066	LF 6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard For Galvanizing, Add For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	36.51 10.01 -1.98 -2.77 -4.99	4.75
10 26 13 00-0067	Stainless Steel Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0068	Stainless Steel Corner Guards <small>(10 26 13 00-0067)</small> Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069	Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0068)</small>		
10 26 13 00-0070	90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0071	LF 1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	9.49 -0.99 -1.38 -2.05	2.38
10 26 13 00-0072	LF 2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	12.78 -0.99 -1.38 -2.22	2.38
10 26 13 00-0073	LF 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.39 -0.99 -1.38 -2.45	2.38
10 26 13 00-0074	LF Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.39 -0.99 -1.38 -2.45	2.38
10 26 13 00-0075	135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26 13 00-0076	LF 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.39 -0.99 -1.38 -2.45	2.38
10 26 13 00-0077	LF Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.39 -0.99 -1.38 -2.45	2.38
10 26 13 00-0078	Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0067)</small>		
10 26 13 00-0079	Surface Mounted, Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0078)</small>		
10 26 13 00-0080	90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards <small>(10 26 13 00-0079)</small>		
10 26 13 00-0081	LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.07 -1.19 -1.66 -2.75	2.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0082 LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	28.49	3.08
For >50 To 100 LF, Deduct	-1.29	
For >100 To 200 LF, Deduct	-1.80	
For >200 LF, Deduct	-3.48	
10 26 13 00-0083 LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	39.90	3.20
For >50 To 100 LF, Deduct	-1.33	
For >100 To 200 LF, Deduct	-1.87	
For >200 LF, Deduct	-4.13	
10 26 13 00-0084 LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	37.24	3.32
For >50 To 100 LF, Deduct	-1.39	
For >100 To 200 LF, Deduct	-1.94	
For >200 LF, Deduct	-4.08	
10 26 13 00-0085 LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	53.33	3.44
For >50 To 100 LF, Deduct	-1.44	
For >100 To 200 LF, Deduct	-2.01	
For >200 LF, Deduct	-4.96	
10 26 13 00-0086 LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	49.23	3.56
For >50 To 100 LF, Deduct	-1.48	
For >100 To 200 LF, Deduct	-2.08	
For >200 LF, Deduct	-4.83	
10 26 13 00-0087 Rubber Corner Guards <small>(10 26 13)</small>		
Note: Includes adhesive for installation.		
10 26 13 00-0088 Natural Rubber Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0089 Surface Mounted, Natural Rubber Corner Guards <small>(10 26 13 00-0088)</small>		
10 26 13 00-0090 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards <small>(10 26 13 00-0089)</small>		
10 26 13 00-0091 LF 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	37.84	2.38
For >50 To 100 LF, Deduct	-0.99	
For >100 To 200 LF, Deduct	-1.38	
For >200 LF, Deduct	-3.47	
For Bolting To Concrete Or Masonry, Add	6.27	
10 26 13 00-0092 Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0093 Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0092)</small>		
10 26 13 00-0094 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards <small>(10 26 13 00-0093)</small>		
10 26 13 00-0095 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	23.99	2.38
For >50 To 100 LF, Deduct	-0.99	
For >100 To 200 LF, Deduct	-1.38	
For >200 LF, Deduct	-2.78	
For Bolting To Concrete Or Masonry, Add	4.19	
10 26 13 00-0096 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0097 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0096)</small>		
10 26 13 00-0098 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0097)</small>		
10 26 13 00-0099 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	15.97	2.38
For >50 To 100 LF, Deduct	-0.99	
For >100 To 200 LF, Deduct	-1.38	
For >200 LF, Deduct	-2.38	
For Bolting To Concrete Or Masonry, Add	2.99	
10 26 16 Bumper Guards <small>(10 26)</small>		
10 26 16 13 Bumper Rails <small>(10 26 16)</small>		
10 26 16 13-0001 Crash Rails <small>(10 26 16 13)</small>		
Note: Includes end caps.		
10 26 16 13-0002 Polycarbonate Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0003 LF 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	9.37	3.16
For >50 To 100 LF, Deduct	-1.58	
For >100 To 200 LF, Deduct	-2.22	
For >200 LF, Deduct	-3.00	
10 26 16 13-0004 LF 4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	10.08	3.16
For >50 To 100 LF, Deduct	-1.58	
For >100 To 200 LF, Deduct	-2.22	
For >200 LF, Deduct	-3.04	
10 26 16 13-0005 Aluminum Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0006 LF 4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	29.21	3.16
For >50 To 100 LF, Deduct	-1.58	
For >100 To 200 LF, Deduct	-2.22	
For >200 LF, Deduct	-3.99	

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 26 16 13-0007	Stainless Steel Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0008	LF 4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	52.09	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-5.14	
10 26 16 13-0009	LF 5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	40.65	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-4.56	
10 26 16 13-0010	Wall Guards <small>(10 26 16 13)</small>		
10 26 16 13-0011	Rigid Vinyl Wall Guards With Aluminum Retainers <small>(10 26 16 13-0010)</small>		
	Note: Includes end caps.		
10 26 16 13-0012	LF 1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	9.87	2.77
	For >50 To 100 LF, Deduct	-1.39	
	For >100 To 200 LF, Deduct	-1.94	
	For >200 LF, Deduct	-2.71	
10 26 16 13-0013	LF 3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	11.52	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-3.11	
10 26 16 13-0014	LF 4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	12.48	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-3.16	
10 26 16 13-0015	LF 5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	13.68	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-3.22	
10 26 16 13-0016	LF 6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	15.46	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-3.46	
10 26 16 13-0017	LF 7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	16.04	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-3.49	
10 26 16 13-0018	LF 8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	16.54	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-3.52	
10 26 16 13-0019	LF 12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	20.66	3.56
	For >50 To 100 LF, Deduct	-1.78	
	For >100 To 200 LF, Deduct	-2.49	
	For >200 LF, Deduct	-3.88	
10 26 16 13-0020	Rubber Wall Guards <small>(10 26 16 13-0010)</small>		
10 26 16 13-0021	D-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0022	LF 2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	17.90	2.77
	For >50 To 100 LF, Deduct	-1.39	
	For >100 To 200 LF, Deduct	-1.94	
	For >200 LF, Deduct	-3.11	
10 26 16 13-0023	LF 3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	25.21	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-3.79	
10 26 16 13-0024	LF 4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	32.76	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-4.17	
10 26 16 13-0025	LF 6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	44.79	3.16
	For >50 To 100 LF, Deduct	-1.58	
	For >100 To 200 LF, Deduct	-2.22	
	For >200 LF, Deduct	-4.77	
10 26 16 13-0026	U-Shaped, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0027	LF 3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4)	44.76	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-4.93	
10 26 16 13-0028	LF 4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3)	50.19	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-5.20	
10 26 16 13-0029	Rectangular, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
10 26 16 13-0030	LF 8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	33.14	3.36
	For >50 To 100 LF, Deduct	-1.68	
	For >100 To 200 LF, Deduct	-2.35	
	For >200 LF, Deduct	-4.35	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 26 16 13-0031	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	39.02 -1.78 -2.49 -4.80	3.56
	10 26 16 13-0032			Wing Type, Rubber Wall Guards <small>(10 26 16 13-0020)</small>		
	10 26 16 13-0033	LF		3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	25.54 -1.39 -1.94 -3.49	2.77
	10 26 16 13-0034	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	53.23 -1.58 -2.22 -5.19	3.16
	10 26 16 13-0035	LF		6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	56.67 -1.58 -2.22 -5.37	3.16
	10 26 16 13-0036			Accent Rails <small>(10 26 16 13)</small> Note: Includes end caps.		
	10 26 16 13-0037			Oval, Rigid Vinyl Accent Rails With Aluminum Retainers <small>(10 26 16 13-0036)</small>		
	10 26 16 13-0038	LF		1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	11.12 -1.39 -1.94 -2.77	2.77
	10 26 16 13-0039	LF		2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	14.06 -1.39 -1.94 -2.92	2.77
	10 26 16 13-0040	LF		2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.00 -1.39 -1.94 -3.07	2.77
	10 26 16 16			Protective Corridor Handrails <small>(10 26 16)</small>		
	10 26 16 16-0001			Protective Corridor Handrails <small>(10 26 16 16)</small>		
	10 26 16 16-0002			Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
	10 26 16 16-0003	LF		1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	17.87 -2.97 -4.15 -5.64	5.93
	10 26 16 16-0004	EA		End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	15.87 -2.97 -4.15 -5.54 -2.97 -4.15 -5.54	5.93
	10 26 16 16-0005	LF		5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	23.87 -2.97 -4.15 -5.94	5.93
	10 26 16 16-0006	EA		End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	20.87 -2.97 -4.15 -5.79 -2.97 -4.15 -5.79	5.93
	10 26 16 16-0007	LF		6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	24.87 -2.97 -4.15 -5.99	5.93
	10 26 16 16-0008	EA		End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	26.87 -2.97 -4.15 -6.09 -2.97 -4.15 -6.09	5.93
	10 26 16 16-0009	LF		6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN) For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct	30.87 -2.97 -4.15 -6.29	5.93
	10 26 16 16-0010	EA		End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn)..... For >50 To 100 LF, Deduct For >100 To 200 LF, Deduct For >200 LF, Deduct For >25 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	34.87 -2.97 -4.15 -6.49 -2.97 -4.15 -6.49	5.93

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 26 16 16-0011	Stainless Steel Protective Corridor Handrails (10 26 16 16-0001)		
10 26 16 16-0012	LF 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS).....	40.87	5.93
	For >50 To 100 LF, Deduct	-2.97	
	For >100 To 200 LF, Deduct	-4.15	
	For >200 LF, Deduct	-6.79	
10 26 16 16-0013	EA End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn).....	41.87	5.93
	For >50 To 100 LF, Deduct	-2.97	
	For >100 To 200 LF, Deduct	-4.15	
	For >200 LF, Deduct	-6.84	
	For >25 To 50, Deduct	-2.97	
	For >50 To 100, Deduct	-4.15	
	For >100, Deduct	-6.84	
10 26 16 16-0014	Wood/Acrylic Protective Corridor Handrails With Aluminum Retainers (10 26 16 16-0001)		
10 26 16 16-0015	LF 6-1/4" High, Wood/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRBW-10CN).....	34.62	5.93
	For >50 To 100 LF, Deduct	-2.97	
	For >100 To 200 LF, Deduct	-4.15	
	For >200 LF, Deduct	-6.48	
10 26 23	Protective Wall Covering (10 26)		
10 26 23 00-0001	Impact Resistant Wall Protection (10 26 23)		
	Note: Includes standard trim.		
10 26 23 00-0002	SF 0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	6.04	1.97
10 26 23 00-0003	SF 0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	6.50	1.97
10 26 23 00-0004	SF 0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	7.74	1.97
10 26 23 00-0005	Interior Polyvinyl Chloride (PVC) Soffit System (10 26 23)		
	Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 00-0006	"L" Design (10 26 23 00-0005)		
10 26 23 00-0007	L-Shield (10 26 23 00-0006)		
10 26 23 00-0008	LF 2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	9.43	1.97
10 26 23 00-0009	LF 3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe.....	11.14	2.77
10 26 23 00-0010	LF 3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe.....	14.59	3.56
10 26 23 00-0011	LF 5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe.....	19.78	4.35
10 26 23 00-0012	"Combo" Hanger (10 26 23 00-0006)		
10 26 23 00-0013	EA Combination "Combo" Hanger, L-Support, For 3/4" Pipe.....	11.25	3.96
10 26 23 00-0014	EA Combination "Combo" Hanger, L-Support, For 1" Pipe.....	13.09	4.75
10 26 23 00-0015	EA Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe.....	15.14	5.54
10 26 23 00-0016	EA Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe.....	16.93	6.33
10 26 23 00-0017	EA Combination "Combo" Hanger, L-Support, For 2" Pipe.....	18.99	7.12
10 26 23 00-0018	Snap-2 Pipe Hanger (10 26 23 00-0006)		
10 26 23 00-0019	EA Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe.....	9.64	3.96
10 26 23 00-0020	EA Snap-2 Pipe Hanger, L-Support, For 1" Pipe.....	11.69	4.75
10 26 23 00-0021	EA Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe.....	13.61	5.54
10 26 23 00-0022	EA Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe.....	15.80	6.33
10 26 23 00-0023	EA Snap-2 Pipe Hanger, L-Support, For 2" Pipe.....	18.05	7.12
10 26 23 00-0024	Coupling (10 26 23 00-0006)		
10 26 23 00-0025	EA Coupling, L-Shield, 1" Shield Size.....	6.03	1.97
10 26 23 00-0026	EA Coupling, L-Shield, 1-1/4" Shield Size.....	8.68	2.77
10 26 23 00-0027	EA Coupling, L-Shield, 2" Shield Size.....	12.26	3.56
10 26 23 00-0028	EA Coupling, L-Shield, 2-1/2" Shield Size.....	15.31	4.35
10 26 23 00-0029	Coupling, Reducer (10 26 23 00-0006)		
10 26 23 00-0030	EA Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size.....	15.43	2.38
10 26 23 00-0031	EA Coupling, Reducing, L-Shield, 2" x 1" Shield Size.....	18.88	2.77
10 26 23 00-0032	EA Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size.....	22.34	3.16
10 26 23 00-0033	EA Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size.....	83.18	3.96
10 26 23 00-0034	Shield Clips (10 26 23 00-0006)		
10 26 23 00-0035	EA Shield Clips, L-Support, 1" Shield Size.....	3.65	1.19
10 26 23 00-0036	EA Shield Clips, L-Support, 1-1/4" Shield Size.....	5.56	1.97
10 26 23 00-0037	EA Shield Clips, L-Support, 2" Shield Size.....	7.41	2.77
10 26 23 00-0038	EA Shield Clips, L-Support, 2-1/2" Shield Size.....	8.59	3.56
10 26 23 00-0039	Wall Flange (10 26 23 00-0006)		
10 26 23 00-0040	EA Wall Flange, L-Shield, 1" Shield Size.....	5.90	1.97
10 26 23 00-0041	EA Wall Flange, L-Shield, 1-1/4" Shield Size.....	8.41	2.77
10 26 23 00-0042	EA Wall Flange, L-Shield, 2" Shield Size.....	11.99	3.56
10 26 23 00-0043	EA Wall Flange, L-Shield, 2-1/2" Shield Size.....	44.50	4.35

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

10 26 23 00-0044		End Cap <small>(10 26 23 00-0006)</small>			
	10 26 23 00-0045	EA	End Cap, L-Shield, 1" Shield Size.....	5.65	1.19
	10 26 23 00-0046	EA	End Cap, L-Shield, 1-1/4" Shield Size	7.70	1.97
	10 26 23 00-0047	EA	End Cap, L-Shield, 2" Shield Size.....	10.68	2.77
	10 26 23 00-0048	EA	End Cap, L-Shield, 2-1/2" Shield Size	44.89	3.56
10 26 23 00-0049		Inside/Outside Corner <small>(10 26 23 00-0006)</small>			
	10 26 23 00-0050	EA	Inside/Outside Corner, L-Shield, 1" Shield Size.....	33.47	3.96
	10 26 23 00-0051	EA	Inside/Outside Corner, L-Shield, 1-1/4" Shield Size.....	36.31	4.75
	10 26 23 00-0052	EA	Inside/Outside Corner, L-Shield, 2" Shield Size.....	43.96	5.93
	10 26 23 00-0053	EA	Inside/Outside Corner, L-Shield, 2-1/2" Shield Size.....	75.30	7.12
10 26 23 00-0054		Joiner <small>(10 26 23 00-0006)</small>			
	10 26 23 00-0055	LF	Joiner, L-Shield.....	7.12	1.19
10 26 23 00-0056		"U" Design <small>(10 26 23 00-0005)</small>			
10 26 23 00-0057		U-Shield <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0058	LF	2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	11.17	1.97
	10 26 23 00-0059	LF	2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe	14.08	2.77
	10 26 23 00-0060	LF	3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe.....	18.00	2.77
10 26 23 00-0061		"Combo" Hanger <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0062	EA	Combination "Combo" Hanger, U-Support For 3/4" Pipe.....	9.98	3.96
	10 26 23 00-0063	EA	Combination "Combo" Hanger, U-Support For 1" Pipe.....	11.89	4.75
	10 26 23 00-0064	EA	Combination "Combo" Hanger, U-Support For 1-1/4" Pipe.....	13.74	5.54
	10 26 23 00-0065	EA	Combination "Combo" Hanger, U-Support For 1-1/2" Pipe.....	16.73	6.33
	10 26 23 00-0066	EA	Combination "Combo" Hanger, U-Support For 2" Pipe.....	18.92	7.12
10 26 23 00-0067		Snap-2 Pipe Hanger <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0068	EA	Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe	9.51	3.96
	10 26 23 00-0069	EA	Snap-2 Pipe Hanger, U-Support, For 1" Pipe	11.56	4.75
	10 26 23 00-0070	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe	13.94	5.54
	10 26 23 00-0071	EA	Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe.....	15.66	6.33
	10 26 23 00-0072	EA	Snap-2 Pipe Hanger, U-Support, For 2" Pipe	17.99	7.12
10 26 23 00-0073		Coupling <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0074	EA	Coupling, U-Shield, 1" Shield Size.....	6.96	1.97
	10 26 23 00-0075	EA	Coupling, U-Shield, 1-1/4" Shield Size.....	8.88	2.77
	10 26 23 00-0076	EA	Coupling, U-Shield, 2" Shield Size.....	10.92	3.56
10 26 23 00-0077		Coupling, Reducer <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0078	EA	Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size	18.09	2.38
	10 26 23 00-0079	EA	Reducing Coupling, U-Shield, 2" x 1" Shield Size.....	21.55	2.77
	10 26 23 00-0080	EA	Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size	23.01	3.16
10 26 23 00-0081		Shield Clips <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0082	EA	Shield Clips, U-Support, 1" Shield Size	3.38	1.19
	10 26 23 00-0083	EA	Shield Clips, U-Support, 1-1/4" Shield Size	5.09	1.97
	10 26 23 00-0084	EA	Shield Clips, U-Support, 2" Shield Size	6.81	2.77
10 26 23 00-0085		Wall Flange <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0086	EA	Wall Flange, U-Shield, 1" Shield Size.....	6.76	1.97
	10 26 23 00-0087	EA	Wall Flange, U-Shield, 1-1/4" Shield Size.....	8.81	2.77
	10 26 23 00-0088	EA	Wall Flange, U-Shield, 2" Shield Size	10.86	3.56
10 26 23 00-0089		End Cap <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0090	EA	End Cap, U-Shield, 1" Shield Size.....	5.98	1.19
	10 26 23 00-0091	EA	End Cap, U-Shield, 1-1/4" Shield Size.....	8.23	1.97
	10 26 23 00-0092	EA	End Cap, U-Shield, 2" Shield Size.....	10.41	2.77
10 26 23 00-0093		Inside/Outside Corner <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0094	EA	Inside/Outside Corner, U-Shield, 1" Shield Size	41.54	3.96
	10 26 23 00-0095	EA	Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	46.39	4.75
	10 26 23 00-0096	EA	Inside/Outside Corner, U-Shield, 2" Shield Size	55.04	5.93
10 26 23 00-0097		Elbow <small>(10 26 23 00-0056)</small>			
	10 26 23 00-0098	EA	Elbow, U-Shield, 1" Shield Size	40.81	3.96
	10 26 23 00-0099	EA	Elbow, U-Shield, 1-1/4" Shield Size	45.05	4.75

10 Specialties**10 20 Interior Specialties****10 26 Wall And Door Protection**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 26 23 00-0100	EA	Elbow, U-Shield, 2" Shield Size	53.77		5.93
10 26 23 00-0101		Tee <small>(10 26 23 00-0056)</small>			
10 26 23 00-0102	EA	Tee, U-Shield, 1" x 1" x 1" Shield Size.....	52.11		5.93
10 26 23 00-0103	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	58.22		7.12
10 26 23 00-0104	EA	Tee, U-Shield, 2" x 2" x 2" Shield Size.....	68.19		8.70
10 26 23 00-0105	EA	Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	68.16		6.73
10 26 23 00-0106	EA	Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size.....	74.06		8.31
10 26 23 00-0107		Cross <small>(10 26 23 00-0056)</small>			
10 26 23 00-0108	EA	Cross, U-Shield, 1" Shield Size.....	92.90		7.91
10 26 23 00-0109	EA	Cross, U-Shield, 1-1/4" Shield Size	104.40		9.49
10 26 23 00-0110	EA	Cross, U-Shield, 2" Shield Size.....	127.03		11.87
10 26 23 00-0111	EA	Cross, U-Shield, 1-1/4" x 1" Shield Size	126.31		8.70
10 26 23 00-0112	EA	Cross, U-Shield, 2" x 1-1/4" Shield Size	139.46		10.68
10 26 23 00-0113		Transition Fittings (L to U Or U to L) <small>(10 26 23 00-0005)</small>			
10 26 23 00-0114		Coupling Transition <small>(10 26 23 00-0113)</small>			
10 26 23 00-0115	EA	Transition Coupling, 1" x 1", LxU or UxL.....	16.10		1.97
10 26 23 00-0116	EA	Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL.....	18.48		2.77
10 26 23 00-0117	EA	Transition Coupling, 2" x 2", LxU or UxL.....	23.07		3.56
10 26 23 00-0118	EA	Transition Coupling, 1" x 1-1/4", LxU or UxL.....	18.30		2.38
10 26 23 00-0119	EA	Transition Coupling, 1-1/4" x 2", LxU or UxL.....	22.88		3.16
10 26 23 00-0120	EA	Transition Coupling, 2" x 2-1/2", LxU or UxL.....	86.98		3.96
10 26 23 00-0121		Elbow Transition <small>(10 26 23 00-0113)</small>			
10 26 23 00-0122	EA	Transition Elbow, 1" x 1" (UxL)	54.22		3.96
10 26 23 00-0123	EA	Transition Elbow, 1-1/4" x 1-1/4" (UxL)	59.00		4.75
10 26 23 00-0124	EA	Transition Elbow, 2" x 2" (UxL)	69.39		5.93
10 26 23 00-0125	EA	Transition Elbow, 1" x 1-1/4" (UxL)	83.43		4.35
10 26 23 00-0126	EA	Transition Elbow, 1-1/4" x 1" (UxL)	59.68		4.35
10 26 23 00-0127	EA	Transition Elbow, 1-1/4" x 2" (UxL)	88.60		5.54
10 26 23 00-0128	EA	Transition Elbow, 2" x 1-1/4" (UxL)	69.32		5.54
10 26 23 00-0129	EA	Transition Elbow, 2" x 2-1/2" (UxL)	106.34		6.33
10 26 23 00-0130		Tee Transition <small>(10 26 23 00-0113)</small>			
10 26 23 00-0131	EA	Transition Tee, 1" x 1" x 1" (LxLxU)	62.85		5.93
10 26 23 00-0132	EA	Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU).....	72.83		7.12
10 26 23 00-0133	EA	Transition Tee, 2" x 2" x 2" (LxLxU)	84.94		8.70
10 26 23 00-0134	EA	Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU).....	66.63		6.73
10 26 23 00-0135	EA	Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU).....	103.11		7.52
10 26 23 00-0136	EA	Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	74.66		8.31
10 26 23 00-0137	EA	Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU).....	101.18		9.89
10 26 23 00-0138		Fittings (L Or U) <small>(10 26 23 00-0005)</small>			
10 26 23 00-0139		Hugger Hangers For Steel Pipe <small>(10 26 23 00-0138)</small>			
10 26 23 00-0140	EA	Hugger Hanger, For 1/2" Steel Pipe	7.73		3.16
10 26 23 00-0141	EA	Hugger Hanger, For 3/4" Steel Pipe	9.64		3.96
10 26 23 00-0142	EA	Hugger Hanger, For 1" Steel Pipe	11.36		4.75
10 26 23 00-0143	EA	Hugger Hanger, For 1-1/4" Steel Pipe	13.14		5.54
10 26 23 00-0144	EA	Hugger Hanger, For 1-1/2" Steel Pipe	14.86		6.33
10 26 23 00-0145	EA	Hugger Hanger, For 2" Steel Pipe	16.72		6.33
10 26 23 00-0146	EA	Hugger Hanger, For 2-1/2" Steel Pipe	18.43		7.91
10 26 23 00-0147	EA	Hugger Hanger, For 3" Steel Pipe	22.48		8.70
10 26 23 00-0148		Hugger Hangers For Copper Pipe <small>(10 26 23 00-0138)</small>			
10 26 23 00-0149	EA	Hugger Hanger, For 1/2" Copper Pipe.....	7.80		3.16
10 26 23 00-0150	EA	Hugger Hanger, For 3/4" Copper Pipe.....	9.71		3.96
10 26 23 00-0151	EA	Hugger Hanger, For 1" Copper Pipe.....	11.43		4.75
10 26 23 00-0152	EA	Hugger Hanger, For 1-1/4" Copper Pipe.....	13.21		5.54
10 26 23 00-0153	EA	Hugger Hanger, For 1-1/2" Copper Pipe.....	14.93		6.33
10 26 23 00-0154	EA	Hugger Hanger, For 2" Copper Pipe.....	16.85		7.12
10 26 23 00-0155	EA	Hugger Hanger, For 2-1/2" Copper Pipe.....	18.57		7.91
10 26 23 00-0156	EA	Hugger Hanger, For 3" Copper Pipe.....	22.68		8.70
10 26 23 00-0157		Shield Extension (L Or U) <small>(10 26 23 00-0138)</small>			
10 26 23 00-0158	LF	Shield Extension	8.52		1.19
10 26 23 00-0159		Interior Steel Soffit System <small>(10 26 23)</small>			
		Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 00-0160	SF		24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	16.81	3.56
			For 22 Gauge Steel, Add	0.97	
			For 20 Gauge Steel, Add	2.07	
			For 18 Gauge Steel, Add	4.07	
			For 16 Gauge Steel, Add	6.25	
			For Stainless Steel, Add	2.42	
10 26 23 00-0161	EA		U-Shield Wall Flange (JG Innovations Soffi-Steel)	28.62	9.89
			For Stainless Steel, Add	2.21	
10 26 23 00-0162	EA		U-Shield Corner (JG Innovations Soffi-Steel)	65.75	11.87
			For Stainless Steel, Add	10.31	
10 26 23 00-0163	EA		U-Shield End Cap (JG Innovations Soffi-Steel)	21.29	5.93
			For Stainless Steel, Add	2.36	
10 26 23 00-0164	EA		U-Shield Clip (JG Innovations Soffi-Steel)	5.13	2.38
			For Stainless Steel, Add	0.10	
10 26 23 00-0165	SF		24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	18.88	3.56
			For 22 Gauge Steel, Add	0.88	
			For 20 Gauge Steel, Add	1.88	
			For 18 Gauge Steel, Add	3.65	
			For 16 Gauge Steel, Add	6.12	
			For Stainless Steel, Add	2.94	
10 26 23 00-0166	EA		L-Shield Wall Flange (JG Innovations Soffi-Steel)	28.62	9.89
			For Stainless Steel, Add	2.21	
10 26 23 00-0167	EA		L-Shield Corner (JG Innovations Soffi-Steel)	65.75	11.87
			For Stainless Steel, Add	10.31	
10 26 23 00-0168	EA		L-Shield End Cap (JG Innovations Soffi-Steel)	18.12	4.35
			For Stainless Steel, Add	2.36	
10 26 23 00-0169	EA		L-Shield Clip (JG Innovations Soffi-Steel)	5.13	2.38
			For Stainless Steel, Add	0.10	

10 28 Toilet, Bath, And Laundry Accessories (10 20)

10 28 13 Toilet Accessories (10 28)

10 28 13 13 Commercial Toilet Accessories (10 28 13)

10 28 13 13-0001 Toilet Accessories (10 28 13 13)

10 28 13 13-0002 Dispensers (10 28 13 13-0001)

10 28 13 13-0003 Paper Towel Dispensers (10 28 13 13-0002)

10 28 13 13-0004 Stainless Steel Paper Towel Dispensers (10 28 13 13-0003)

10 28 13 13-0005	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	77.25	17.79
10 28 13 13-0006	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	82.50	17.79
10 28 13 13-0007	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	83.28	17.79
10 28 13 13-0008	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	84.79	17.79
10 28 13 13-0009	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	126.31	17.79
10 28 13 13-0010	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	136.37	17.79
10 28 13 13-0011	EA	Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	148.98	17.79
10 28 13 13-0012	EA	Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	153.68	7.91
10 28 13 13-0013	EA	Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	258.06	17.79
10 28 13 13-0014	EA	Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	304.46	17.79
10 28 13 13-0015	EA	Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	327.96	17.79
10 28 13 13-0016	EA	Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	187.67	17.79
10 28 13 13-0017	EA	Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	82.63	9.88

10 28 13 13-0018 Plastic Paper Towel Dispensers (10 28 13 13-0003)

10 28 13 13-0019	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	59.33	17.79
10 28 13 13-0020	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	119.69	17.79
10 28 13 13-0021	EA	Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	118.88	17.79
10 28 13 13-0022	EA	Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	101.52	17.79

10 28 13 13-0023 Aluminum Paper Towel Dispensers (10 28 13 13-0003)

10 28 13 13-0024	EA	Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	64.59	17.79
------------------	----	---	-------	-------

10 28 13 13-0025 Toilet Tissue Dispensers (10 28 13 13-0002)

10 28 13 13-0026 Plastic Toilet Tissue Dispensers (10 28 13 13-0025)

10 28 13 13-0027	EA	Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	59.14	17.79
10 28 13 13-0028	EA	Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	89.01	17.79
10 28 13 13-0029	EA	Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	51.51	17.79
10 28 13 13-0030	EA	Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	60.47	17.79

10 28 13 13-0031 Cast Aluminum Toilet Tissue Dispensers (10 28 13 13-0025)

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 28 13 13-0032	EA	Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	53.69		17.79
10 28 13 13-0033	EA	Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	54.08		17.79
10 28 13 13-0034	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	56.80		17.79
10 28 13 13-0035	EA	Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	61.86		17.79
10 28 13 13-0036	EA	Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	80.55		17.79
10 28 13 13-0037		Stainless Steel Toilet Tissue Dispensers <small>(10 28 13 13-0025)</small>			
10 28 13 13-0038	EA	Single Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	46.10		17.79
10 28 13 13-0039	EA	Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	71.41		17.79
10 28 13 13-0040	EA	Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	71.53		17.79
10 28 13 13-0041	EA	Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	83.47		17.79
10 28 13 13-0042	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	53.30		17.79
10 28 13 13-0043	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	89.51		17.79
10 28 13 13-0044	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	125.66		17.79
10 28 13 13-0045	EA	Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	130.98		17.79
10 28 13 13-0046	EA	Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	165.78		17.79
10 28 13 13-0047	EA	Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	190.75		17.79
10 28 13 13-0048	EA	Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386)	236.46		17.79
		Note: Mounts centered through toilet partitions.			
10 28 13 13-0049	EA	Stainless Steel Shelf And Double Roll Toilet Tissue Dispenser (Bobrick B-2840)	102.75		17.79
10 28 13 13-0050	EA	Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	95.14		17.79
10 28 13 13-0051	EA	Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	77.08		17.79
10 28 13 13-0052		Soap Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13 13-0053	EA	20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	70.43		17.79
		For 34 Fluid Ounce (B-822), Add	4.03		
10 28 13 13-0054	EA	20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	76.27		17.79
		For 34 Fluid Ounce (B-822), Add	4.03		
10 28 13 13-0055	EA	24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	48.24		17.79
10 28 13 13-0056	EA	24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	52.32		17.79
10 28 13 13-0057	EA	40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	63.23		17.79
10 28 13 13-0058	EA	40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	64.92		17.79
10 28 13 13-0059	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	71.60		17.79
10 28 13 13-0060	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	90.10		17.79
10 28 13 13-0061	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	152.73		17.79
10 28 13 13-0062	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	242.48		17.79
10 28 13 13-0063	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18)	151.03		17.79
		Note: Includes start-up kit.			
10 28 13 13-0064		Facial Tissue Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13 13-0065	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	80.95		17.79
10 28 13 13-0066	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	57.86		17.79
10 28 13 13-0067		Sanitary Toilet Seat Cover Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13 13-0068	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	47.46		17.79
10 28 13 13-0069	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	62.84		17.79
10 28 13 13-0070	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	111.32		17.79
10 28 13 13-0071	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	117.10		17.79
10 28 13 13-0072	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	229.82		17.79
10 28 13 13-0073		Sanitary Toilet Seat Cover/Toilet Tissue Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13 13-0074	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	365.69		17.79
10 28 13 13-0075	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	223.16		17.79
10 28 13 13-0076		Sanitary Napkin/Tampon Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13 13-0077	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	451.27		17.79
10 28 13 13-0078	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	343.40		17.79
10 28 13 13-0079	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	457.20		17.79
10 28 13 13-0080	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	346.45		17.79
10 28 13 13-0081	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4)	304.73		17.79
10 28 13 13-0082		Toilet Compartment Combination Dispenser/Disposals <small>(10 28 13 13-0002)</small>			
10 28 13 13-0083	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	319.81	39.54	
10 28 13 13-0084	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	356.92		39.54
10 28 13 13-0085	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	296.22	39.54	
10 28 13 13-0086	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	416.51	39.54	
10 28 13 13-0087	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	427.99		39.54
10 28 13 13-0088	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	492.05	39.54	

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

10 28 13 13-0089	EA		Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579).....	461.41	39.54
10 28 13 13-0090			Receptacles (10 28 13 13-0001)		
10 28 13 13-0091			Wall Mounted Waste Receptacles (10 28 13 13-0090)		
10 28 13 13-0092	EA		1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	71.58	17.79
10 28 13 13-0093	EA		6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279).....	118.33	17.79
10 28 13 13-0094	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644)	273.40	39.54
10 28 13 13-0095	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	405.02	39.54
10 28 13 13-0096	EA		20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275).....	321.11	39.54
10 28 13 13-0097			Floor-Standing/Counter Waste Receptacles (10 28 13 13-0090)		
10 28 13 13-0098	EA		5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	84.35	17.79
10 28 13 13-0099	EA		5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529).....	120.47	17.79
10 28 13 13-0100	EA		13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260).....	228.45	7.91
10 28 13 13-0101	EA		13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	345.67	7.91
10 28 13 13-0102	EA		18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300).....	323.83	7.91
10 28 13 13-0103	EA		21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280).....	311.40	7.91
10 28 13 13-0104			Combination Paper Towel Dispenser/ Waste Receptacle (10 28 13 13-0090)		
10 28 13 13-0105	EA		2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-369)	226.68	39.54
10 28 13 13-0106	EA		2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-4369).....	363.55	39.54
10 28 13 13-0107	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3944)	358.10	39.54
10 28 13 13-0108	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3900)	519.80	39.54
10 28 13 13-0109	EA		12 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3909)	715.02	39.54
10 28 13 13-0110	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-3961)	604.59	39.54
10 28 13 13-0111	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3949)	466.37	39.54
10 28 13 13-0112	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser / Waste Receptacle (Bobrick Classic B-39619)	754.51	39.54
10 28 13 13-0113	EA		16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Contura B-43944)	697.97	43.50
10 28 13 13-0114	EA		18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/ Waste Receptacle (Bobrick Classic B-3947)	469.78	43.50
10 28 13 13-0115			Sanitary Napkin/Tampon Receptacles (10 28 13 13-0090)		
10 28 13 13-0116	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	66.21	19.77
10 28 13 13-0117	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	130.44	19.77
10 28 13 13-0118	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353).....	141.76	19.77
10 28 13 13-0119	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303).....	329.06	19.77
10 28 13 13-0120	EA		Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354).....	175.24	19.77
10 28 13 13-0121	EA		Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354).....	305.89	19.77
10 28 13 13-0122			Grab Bars (10 28 13 13-0001)		
10 28 13 13-0123			1-1/4" Diameter, Stainless Steel Grab Bars (10 28 13 13-0122)		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0124	EA		12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125x12)	65.53	15.82
			For Peened Grip, Add	3.41	
10 28 13 13-0125	EA		18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	75.21	15.82
			For Peened Grip, Add	4.28	
10 28 13 13-0126	EA		24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	76.18	15.82
			For Peened Grip, Add	4.36	
10 28 13 13-0127	EA		30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30).....	76.64	15.82
			For Peened Grip, Add	4.41	
10 28 13 13-0128	EA		36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36).....	76.76	15.82
			For Peened Grip, Add	4.42	
10 28 13 13-0129	EA		42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42).....	79.10	15.82
			For Peened Grip, Add	4.63	
10 28 13 13-0130	EA		48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	82.79	15.82
			For Peened Grip, Add	4.96	
10 28 13 13-0131			1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars (10 28 13 13-0122)		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0132	EA		24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616).....	125.68	15.82
			For Peened Grip, Add	8.46	
10 28 13 13-0133	EA		36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837).....	128.21	15.82
			For Peened Grip, Add	8.69	
10 28 13 13-0134			1-1/2" Diameter, Stainless Steel Grab Bars (10 28 13 13-0122)		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0135	EA		12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12).....	74.40	15.82
			For Peened Grip, Add	4.20	

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 28 13 13-0136	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	75.21	15.82
		<i>For Peened Grip, Add</i>	4.28	
10 28 13 13-0137	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	76.76	15.82
		<i>For Peened Grip, Add</i>	4.42	
10 28 13 13-0138	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	78.32	15.82
		<i>For Peened Grip, Add</i>	4.56	
10 28 13 13-0139	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36)	80.27	15.82
		<i>For Peened Grip, Add</i>	4.73	
10 28 13 13-0140	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42)	82.02	15.82
		<i>For Peened Grip, Add</i>	4.89	
10 28 13 13-0141	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48)	86.30	15.82
		<i>For Peened Grip, Add</i>	5.27	
10 28 13 13-0142		1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars <small>(10 28 13 13-0122)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0143	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861)	115.16	15.82
		<i>For Peened Grip, Add</i>	7.52	
10 28 13 13-0144	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616)	123.54	15.82
		<i>For Peened Grip, Add</i>	8.27	
10 28 13 13-0145	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137)	107.77	15.82
		<i>For Peened Grip, Add</i>	6.85	
10 28 13 13-0146		1-1/4" Diameter, Stainless Steel Swing Up Grab Bars <small>(10 28 13 13-0122)</small>		
		Note: Includes satin finish.		
10 28 13 13-0147	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998)	332.21	15.82
		<i>For Peened Grip, Add</i>	27.41	
10 28 13 13-0148		Shelves <small>(10 28 13 13-0001)</small>		
10 28 13 13-0149	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295)	85.61	17.79
10 28 13 13-0150	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295)	87.96	17.79
10 28 13 13-0151	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295)	98.66	17.79
10 28 13 13-0152	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36)	101.36	17.79
10 28 13 13-0153	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296)	97.11	17.79
10 28 13 13-0154	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24)	98.38	17.79
10 28 13 13-0155	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298)	104.70	17.79
10 28 13 13-0156	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298)	113.85	17.79
10 28 13 13-0157	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36)	133.18	17.79
10 28 13 13-0158	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287)	104.89	17.79
10 28 13 13-0159	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletary Shelf (Bobrick B-683)	106.84	17.79
10 28 13 13-0160	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24)	168.91	17.79
10 28 13 13-0161	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30)	180.56	17.79
10 28 13 13-0162	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36)	198.54	17.79
10 28 13 13-0163	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48)	247.46	17.79
10 28 13 13-0164	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60)	336.58	17.79
10 28 13 13-0165	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412)	142.10	17.79
10 28 13 13-0166		Changing Stations <small>(10 28 13 13-0001)</small>		
10 28 13 13-0167	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1)	316.44	23.73
10 28 13 13-0168	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00)	335.24	23.73
10 28 13 13-0169	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00)	277.03	23.73
10 28 13 13-0170	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE)	1,337.28	23.73
10 28 13 13-0171	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM)	1,561.60	23.73
10 28 13 13-0172	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE)	1,337.28	23.73
10 28 13 13-0173	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM)	1,561.60	23.73
10 28 13 13-0174		Folding Shower Seats <small>(10 28 13 13-0001)</small>		
10 28 13 13-0175	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181)	397.64	31.63
10 28 13 13-0176	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518)	520.30	31.63
10 28 13 13-0177	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat	503.15	31.63
10 28 13 13-0178		Soap/Dish Holders <small>(10 28 13 13-0001)</small>		
10 28 13 13-0179	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679)	44.01	17.79
10 28 13 13-0180	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680)	45.37	17.79
10 28 13 13-0181	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380)	79.52	17.79
10 28 13 13-0182	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390)	86.33	17.79
10 28 13 13-0183		Shower Curtains/Curtain Rods <small>(10 28 13 13-0001)</small>		
10 28 13 13-0184	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1)	2.19	0.79
10 28 13 13-0185	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2)	35.49	7.91
		Note: Requires 7 curtain hooks.		
10 28 13 13-0186	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3)	37.15	7.91
		Note: Requires 12 curtain hooks.		
10 28 13 13-0187	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	63.03	17.79
10 28 13 13-0188	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	67.32	17.79
10 28 13 13-0189	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	72.57	17.79
10 28 13 13-0190	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207)	79.00	17.79
10 28 13 13-0191	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36)	55.64	17.79

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

10 28 13 13-0192	EA			48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48).....	60.70	17.79
10 28 13 13-0193	EA			60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60).....	63.62	17.79
10 28 13 13-0194	EA			72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72).....	67.32	17.79
10 28 13 13-0195	EA			36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	57.78	17.79
10 28 13 13-0196	EA			48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	62.06	17.79
10 28 13 13-0197	EA			60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	67.12	17.79
10 28 13 13-0198	EA			72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	70.63	17.79

10 28 13 13-0199 Hand Dryers (10 28 13 13-0001)

10 28 13 13-0200	EA			Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710).....	371.84	21.53
10 28 13 13-0201	EA			Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V).....	400.44	21.53
10 28 13 13-0202	EA			Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V).....	443.67	21.53
10 28 13 13-0203	EA			Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230).....	628.21	21.53
10 28 13 13-0204	EA			Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A).....	528.16	21.53
10 28 13 13-0205	EA			Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A).....	588.60	21.53
10 28 13 13-0206	EA			Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60).....	543.59	21.53
10 28 13 13-0207	EA			Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T).....	562.88	21.53
10 28 13 13-0208	EA			Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR).....	583.45	21.53
10 28 13 13-0209	EA			Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR).....	668.80	21.53
10 28 13 13-0210	EA			Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12).....	881.20	21.53
10 28 13 13-0211	EA			Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14).....	1,500.88	21.53
10 28 13 13-0212	EA			Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9).....	675.67	21.53
				Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0213	EA			Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M).....	711.82	21.53
				Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0214	EA			Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG).....	732.47	21.53
				Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0215	EA			Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C).....	753.13	21.53
				Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0216	EA			Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS).....	794.44	21.53
				Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.		
10 28 13 13-0217	EA			Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9).....	551.73	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0218	EA			Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M).....	587.88	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0219	EA			Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG).....	608.54	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0220	EA			Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C).....	629.19	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0221	EA			Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS).....	670.51	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0222	EA			Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7).....	551.73	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0223	EA			Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M).....	587.88	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0224	EA			Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG).....	608.54	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0225	EA			Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C).....	629.19	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0226	EA			Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS).....	670.51	21.53
				Note: Electronically adjustable sound and speed.		
10 28 13 13-0227	EA			Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90).....	407.14	21.53
10 28 13 13-0228	EA			Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M).....	443.29	21.53
10 28 13 13-0229	EA			Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG).....	463.95	21.53
10 28 13 13-0230	EA			Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C).....	484.60	21.53
10 28 13 13-0231	EA			Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS).....	525.91	21.53
10 28 13 13-0232	EA			Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H).....	407.14	21.53
10 28 13 13-0233	EA			Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH).....	443.29	21.53
10 28 13 13-0234	EA			Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH).....	463.95	21.53
10 28 13 13-0235	EA			Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH).....	484.60	21.53
10 28 13 13-0236	EA			Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH).....	525.91	21.53

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1)	303.86		21.53
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (American Dryer GX1-M)	340.01		21.53
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C)	381.32		21.53
10 28 13 13-0240		Hand Dryers (Excel XLERATOR®) (10 28 13 13-0001)			
		Note: With or without noise reduction nozzle options.			
10 28 13 13-0241	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W)	565.89		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0242	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-WH)	784.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR)	658.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With HEPA Filtration System (Excel Xlerator XL-GRH)	816.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C)	706.13		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-CH)	863.63		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB)	706.13		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SBH)	863.63		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP)	658.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-SPH)	816.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW)	595.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With HEPA Filtration System (Excel XLERATOR® XL-BWH)	753.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO)	565.89		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-WH-ECO)	784.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO)	658.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-GRH-ECO)	816.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO)	706.13		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-CH-ECO)	863.63		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0259	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO)	706.13		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SBH-ECO)	863.63		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO)	658.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-SPH-ECO)	816.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO)	595.88		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0264	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With HEPA Filtration System (Excel XLERATOReco® XL-BWH-ECO)	753.38		21.53
		For ADA-Compliant Recess Kit, Add	158.29		
10 28 13 13-0265		Additional Accessories (10 28 13 13-0001)			
10 28 13 13-0266		Hooks (10 28 13 13-0265)			
10 28 13 13-0267	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212)	22.25		7.91
10 28 13 13-0268	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	26.53		7.91
10 28 13 13-0269	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	22.63		7.91
10 28 13 13-0270	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	24.55		7.91
10 28 13 13-0271	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-672T)	40.54		7.91

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

10 28 13 13-0272	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	36.65	7.91
10 28 13 13-0273		Clotheslines <small>(10 28 13 13-0265)</small>		
10 28 13 13-0274	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	38.89	15.82
10 28 13 13-0275		Towel Bars <small>(10 28 13 13-0265)</small>		
10 28 13 13-0276	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18)	47.94	17.79
10 28 13 13-0277	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24)	48.09	17.79
10 28 13 13-0278	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18)	53.80	17.79
10 28 13 13-0279	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24)	54.34	17.79
10 28 13 13-0280	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	79.39	17.79
10 28 13 13-0281	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	82.69	17.79
10 28 13 13-0282	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	81.92	17.79
10 28 13 13-0283	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	84.64	17.79
10 28 13 13-0284	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	89.52	17.79
10 28 13 13-0285	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205)	92.41	17.79
10 28 13 13-0286	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	68.29	17.79
10 28 13 13-0287	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530)	70.82	17.79
10 28 13 13-0288		Towel Bar With Shelf <small>(10 28 13 13-0265)</small>		
10 28 13 13-0289	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	153.37	17.79
10 28 13 13-0290		Towel Pins <small>(10 28 13 13-0265)</small>		
10 28 13 13-0291	EA	Stainless Steel Towel Pin (Bobrick B-677)	39.18	7.91
10 28 13 13-0292		Mirrors <small>(10 28 13 13)</small>		
10 28 13 13-0293		Stainless Steel Channel Frame Glass Mirrors <small>(10 28 13 13-0292)</small>		
10 28 13 13-0294	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24)	81.42	19.77
10 28 13 13-0295	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824)	92.10	19.77
10 28 13 13-0296	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830)	95.81	19.77
		<i>For Tempered Glass (B-1658), Add</i>	31.08	
10 28 13 13-0297	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836)	103.39	19.77
		<i>For Tempered Glass (B-1658), Add</i>	36.39	
10 28 13 13-0298	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430)	113.13	19.77
10 28 13 13-0299	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436)	117.22	19.77
		<i>For Tempered Glass (B-1658), Add</i>	46.07	
10 28 13 13-0300	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448)	144.09	19.77
10 28 13 13-0301	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460)	166.09	19.77
10 28 13 13-0302	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	199.72	19.77
10 28 13 13-0303	EA	48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836)	250.79	19.77
10 28 13 13-0304	EA	60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36)	281.81	19.77
10 28 13 13-0305		Stainless Steel Channel Frame Glass Mirror/Shelf Combination <small>(10 28 13 13-0292)</small>		
10 28 13 13-0306	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824)	149.15	19.77
10 28 13 13-0307	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830)	160.64	19.77
10 28 13 13-0308	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836)	168.23	19.77
10 28 13 13-0309	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436)	189.65	19.77
10 28 13 13-0310		Stainless Steel Angle Frame Glass Mirrors <small>(10 28 13 13-0292)</small>		
10 28 13 13-0311	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824)	132.97	19.77
10 28 13 13-0312	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830)	145.65	19.77
		<i>For Tempered Glass (B-2908), Add</i>	62.20	
10 28 13 13-0313	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836)	149.93	19.77
		<i>For Tempered Glass (B-2908), Add</i>	65.02	
10 28 13 13-0314	EA	24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430)	175.24	19.77
10 28 13 13-0315	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436)	176.21	19.77
		<i>For Tempered Glass (B-2908), Add</i>	82.37	
10 28 13 13-0316	EA	24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448)	234.81	19.77
10 28 13 13-0317	EA	24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460)	275.70	19.77
10 28 13 13-0318	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)	313.87	19.77
10 28 13 13-0319	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)	209.93	19.77
10 28 13 13-0320	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)	255.43	19.77
10 28 13 13-0321	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)	390.01	19.77
10 28 13 13-0322		Stainless Steel Angle Frame Glass Mirror/Shelf Combination <small>(10 28 13 13-0292)</small>		
10 28 13 13-0323	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)	137.40	19.77
10 28 13 13-0324	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)	268.89	19.77
10 28 13 13-0325	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)	281.74	19.77
10 28 13 13-0326	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)	313.87	19.77
10 28 13 13-0327		Frameless Stainless Steel Mirrors <small>(10 28 13 13-0292)</small>		

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0328	EA		17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830).....	148.76	19.77
10 28 13 13-0329	EA		23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436).....	191.78	19.77
10 28 13 13-0330			Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors <small>(10 28 13 13-0292)</small>		
10 28 13 13-0331	EA		16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630).....	201.52	19.77
10 28 13 13-0332	EA		18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830).....	209.90	19.77
10 28 13 13-0333	EA		18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836).....	253.71	19.77
10 28 13 13-0334	EA		24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436).....	311.53	19.77
10 28 13 13-0335			Medicine Cabinets <small>(10 28 13 13 13)</small>		
10 28 13 13-0336			Metal Medicine Cabinets <small>(10 28 13 13-0335)</small>		
10 28 13 13-0337	EA		20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB).....	221.93	39.54
10 28 13 13-0338	EA		15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397).....	177.52	39.54
			Note: Includes three adjustable plastic shelves.		
10 28 13 13-0339	EA		14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297).....	183.06	39.54
			Note: Includes two fixed shelves with baked white enamel finish.		
10 28 13 13-0340	EA		15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398).....	394.31	39.54
			Note: Includes four adjustable stainless steel shelves.		
10 28 13 13-0341	EA		17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299).....	539.36	39.54
			Note: Includes four adjustable shelves.		
10 28 13 13-0342			Janitorial Material <small>(10 28 13 13)</small>		
10 28 13 13-0343	EA		Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670).....	36.65	7.91
10 28 13 13-0344	EA		24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24).....	95.16	17.79
10 28 13 13-0345	EA		24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24).....	91.66	17.79
10 28 13 13-0346	EA		30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1).....	103.99	17.79
10 28 13 13-0347	EA		36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36).....	116.19	17.79
10 28 13 13-0348	EA		36" Length, Utility Hook Strip (Gamco HCS-2).....	77.97	17.79
10 28 13 13-0349	EA		36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36).....	214.70	17.79
10 28 13 13-0350	EA		34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34).....	308.75	17.79
10 28 13 13-0351			Remove And Reinstall Bathroom Accessories <small>(10 28 13 13)</small>		
10 28 13 13-0352	EA		Remove And Reinstall Bathroom Accessory.....	24.72	
10 28 13 19			Healthcare Toilet Accessories <small>(10 28 13)</small>		
10 28 13 19-0001	EA		Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905).....	134.41	24.76
10 28 13 19-0002	EA		Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990).....	495.21	24.76
10 28 13 19-0003	EA		Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843).....	165.00	65.88
10 28 16			Bath Accessories <small>(10 28)</small>		
10 28 16 13			Residential Bath Accessories <small>(10 28 16)</small>		
10 28 16 13-0001			Toilet Accessories <small>(10 28 16 13)</small>		
10 28 16 13-0002			Recessed Mounted, Chrome Plated Toilet Accessories <small>(10 28 16 13-0001)</small>		
10 28 16 13-0003	EA		Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder.....	56.56	17.79
10 28 16 13-0004	EA		Recessed Mounted, Chrome Plated Soap Dish.....	69.21	17.79
10 28 16 13-0005	EA		Recessed Mounted, Chrome Plated Soap Dish And Bar.....	71.78	17.79
10 28 16 13-0006	EA		Recessed Mounted, Chrome Plated Tumbler Holder.....	57.65	17.79
10 28 16 13-0007			Surface Mounted, Chrome Plated Toilet Accessories <small>(10 28 16 13-0001)</small>		
10 28 16 13-0008	EA		Surface Mounted, Chrome Plated Soap Dish.....	34.01	11.87
10 28 16 13-0009	EA		Surface Mounted, Chrome Plated Single Clothes Hook.....	36.87	11.87
10 28 16 13-0010	EA		Surface Mounted, Chrome Plated Double Clothes Hook.....	36.87	11.87
10 28 16 13-0011	LF		6" Deep, Surface Mounted, Chrome Plated Supports, Glass Shelf.....	59.23	11.87
10 28 16 13-0012	LF		6" Deep, Surface Mounted, Stainless Steel Shelf.....	52.02	11.87
10 28 16 13-0013	EA		18" Length, Surface Mounted, Chrome Plated Towel Bar.....	44.48	15.82
10 28 16 13-0014	EA		24" Length, Surface Mounted, Chrome Plated Towel Bar.....	44.80	15.82
10 28 16 13-0015	EA		Surface Mounted, Chrome Plated Towel Ring.....	33.30	11.87
10 28 16 13-0016	EA		Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder.....	22.15	17.79
10 28 16 13-0017	EA		Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	34.01	11.87
10 28 16 13-0018	EA		Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder.....	53.23	11.87
10 28 16 13-0019	EA		Surface Mounted, Chrome Plated Globe Soap Dispenser.....	37.86	11.87
10 28 16 13-0020	EA		Surface Mounted, Chrome Plated Towel Pin.....	39.16	11.87
10 28 16 13-0021	EA		Surface Mounted, Chrome Plated Towel Ladder And Shelf.....	82.87	11.87
10 28 16 13-0022	EA		Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline.....	50.61	11.87
10 28 16 13-0023	EA		24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar.....	58.82	11.87
10 28 16 13-0024			Toilet Accessories <small>(10 28 16 13-0001)</small>		
10 28 16 13-0025	EA		Surface Mounted Paper Towel Dispenser, Plastic.....	51.87	17.79
10 28 16 13-0026	EA		Surface Mounted Napkin Disposal, Plastic.....	48.27	17.79
10 28 16 13-0027	EA		Soap Dispenser For Soaps And Detergent, 50 Fluid Oz, Plastic.....	49.54	
10 28 16 13-0028	EA		Soap Dispenser For Antibacterial Soaps, 50 Fluid Oz, Plastic.....	53.35	17.79

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

10 28 16 13-0029	EA		Multi Roll (2) Toilet Tissue Dispenser, Plastic.....	51.88	17.79
10 28 16 13-0030	EA		Single Jumbo Roll Toilet Tissue Dispenser, Plastic.....	63.52	21.75
10 28 16 13-0031	EA		Surface Mounted Toilet Seat Cover Dispenser, Plastic.....	39.68	15.82
10 28 16 13-0032	EA		Waste Door For Countertops, 13 Gallon, Plastic.....	107.98	29.66

10 28 16 13-0033 Solid Oak Medicine Cabinets (10 28 16 13-0001)

Note: Surface or recessed mounted, premium quality.

10 28 16 13-0034	EA		24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	299.02	39.54
10 28 16 13-0035	EA		24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	372.86	39.54
10 28 16 13-0036	EA		30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror.....	316.19	39.54
10 28 16 13-0037	EA		30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	396.28	39.54
10 28 16 13-0038	EA		36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	327.02	39.54
10 28 16 13-0039	EA		36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	416.86	39.54
10 28 16 13-0040	EA		48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror.....	341.89	39.54
10 28 16 13-0041	EA		48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror.....	442.00	39.54

10 28 19 Tub and Shower Enclosures (10 28)

10 28 19 16 Shower Doors (10 28 19)

10 28 19 16-0001			Swinging Shower Doors <small>(10 28 19 16)</small>		
10 28 19 16-0002			Framed, Swinging Shower Doors <small>(10 28 19 16-0001)</small>		
10 28 19 16-0003	EA		24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801).....	334.21	21.13
10 28 19 16-0004	EA		27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802).....	350.57	21.13
10 28 19 16-0005	EA		29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803).....	418.42	21.13
10 28 19 16-0006	EA		33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804).....	348.83	21.13
10 28 19 16-0007	EA		35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805).....	372.00	21.13

10 28 19 16-0008 Frameless, Swinging Shower Doors (10 28 19 16-0001)

10 28 19 16-0009	EA		24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D).....	508.73	21.13
10 28 19 16-0010	EA		31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D).....	531.41	21.13
10 28 19 16-0011	EA		32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D).....	552.75	21.13
10 28 19 16-0012	EA		34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D).....	575.43	21.13
10 28 19 16-0013	EA		35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D).....	597.44	21.13

10 28 19 16-0014 Sliding Shower Doors (10 28 19 16)

10 28 19 16-0015 Framed, Sliding Shower Doors (10 28 19 16-0014)

10 28 19 16-0016	EA		40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735).....	556.92	21.13
10 28 19 16-0017	EA		44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745).....	511.03	21.13
10 28 19 16-0018	EA		46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775).....	523.39	21.13
10 28 19 16-0019	EA		52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729).....	536.53	21.13
10 28 19 16-0020	EA		54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794).....	543.87	21.13
10 28 19 16-0021	EA		56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795).....	554.73	21.13

10 28 19 16-0022 Frameless, Sliding Shower Doors (10 28 19 16-0014)

10 28 19 16-0023	EA		40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335).....	577.02	21.13
10 28 19 16-0024	EA		44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345).....	701.86	21.13
10 28 19 16-0025	EA		56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394).....	743.88	21.13
10 28 19 16-0026	EA		40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330).....	672.60	21.13
10 28 19 16-0027	EA		44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370).....	681.80	21.13
10 28 19 16-0028	EA		56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390).....	767.31	21.13

10 28 19 19 Tub Doors (10 28 19)

10 28 19 19-0001			Sliding Bathtub Doors <small>(10 28 19 19)</small>		
10 28 19 19-0002			Framed, Sliding Bathtub Doors <small>(10 28 19 19-0001)</small>		

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, And Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 28 19 19-0003	EA	52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725).....	497.23	21.13
10 28 19 19-0004	EA	54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749).....	502.51	21.13
10 28 19 19-0005	EA	56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750).....	514.47	21.13

10 40 Safety Specialties (10)**10 41 Emergency Access And Information Cabinets (10 40)****10 41 13 Fire Department Plan Cabinets (10 41)****10 41 13 00-0001 Fire Department Plan Cabinets (Knox) (10 41 13)**

10 41 13 00-0002	EA	18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	865.79	25.70
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	57.95	
		<i>For Swing Key Hook Panel, Add</i>	156.95	
		<i>For Non-Locking Weather Housing, Add</i>	393.84	
10 41 13 00-0003	EA	18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300).....	917.24	25.70
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Back Key Hook Panel, Add</i>	57.95	
		<i>For Swing Key Hook Panel, Add</i>	156.95	
		<i>For Second Swing Key Hook Panel, Add</i>	123.95	
		<i>For Non-Locking Weather Housing, Add</i>	393.84	

10 41 16 Emergency Key Cabinets (10 41)**10 41 16 00-0001 Emergency Key Cabinets (Knox) (10 41 16)**

10 41 16 00-0002	EA	Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403).....	438.76	25.70
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
10 41 16 00-0003	EA	5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200).....	387.31	25.70
		<i>For Lift-Off Door, Deduct</i>	-40.00	
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	54.74	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	119.00	
10 41 16 00-0004	EA	6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100).....	513.36	25.70
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	54.74	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	130.00	
10 41 16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400).....	545.51	25.70
		<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
		<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
		<i>For Recess Mount, Add</i>	54.74	
		<i>For Dual Locks, Add</i>	60.00	
		<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

10 44 Fire Protection Specialties (10 40)**10 44 13 Fire Protection Cabinets (10 44)****10 44 13 00-0001 Fire Extinguisher Cabinets (10 44 13)****10 44 13 00-0002 Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)****10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)**

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	256.23	32.42
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	260.55	32.42
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	261.41	32.42
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	288.17	32.42
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	358.11	32.42
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	367.60	32.42

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	280.51	32.42
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	285.48	32.42
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	293.77	32.42
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	307.86	32.42
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	351.48	32.42
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	364.74	32.42

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

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>					
Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0018	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	385.19	32.42
10 44 13 00-0019	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	395.35	32.42
10 44 13 00-0020	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	400.42	32.42
10 44 13 00-0021	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	435.12	32.42
10 44 13 00-0022	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	505.05	32.42
10 44 13 00-0023	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	526.21	32.42
10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>					
Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0025	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	926.22	32.42
10 44 13 00-0026	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	932.93	32.42
10 44 13 00-0027	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,069.76	32.42
10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>					
Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.					
10 44 13 00-0029	EA		10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	312.35	32.42
10 44 13 00-0030	EA		14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	345.16	32.42
10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0033	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	279.54	32.42
10 44 13 00-0034	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	288.17	32.42
10 44 13 00-0035	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	289.04	32.42
10 44 13 00-0036	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	318.39	32.42
10 44 13 00-0037	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	377.10	32.42
10 44 13 00-0038	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	386.60	32.42
10 44 13 00-0039 Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0040	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	317.49	32.42
10 44 13 00-0041	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	329.93	32.42
10 44 13 00-0042	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	337.39	32.42
10 44 13 00-0043	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	351.48	32.42
10 44 13 00-0044	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	400.38	32.42
10 44 13 00-0045	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	411.98	32.42
10 44 13 00-0046 Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0047	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	429.73	32.42
10 44 13 00-0048	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	441.58	32.42
10 44 13 00-0049	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	446.66	32.42
10 44 13 00-0050	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	472.89	32.42
10 44 13 00-0051	EA		16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	538.06	32.42
10 44 13 00-0052	EA		20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet	552.44	32.42
10 44 13 00-0053 Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0054	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet	1,165.15	32.42
10 44 13 00-0055	EA		10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,170.78	32.42
10 44 13 00-0056	EA		12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	1,340.73	32.42
10 44 13 00-0057 Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.					
10 44 13 00-0058	EA		10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	343.43	32.42
10 44 13 00-0059	EA		14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	374.51	32.42
10 44 13 00-0060 Surface Mounted Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>					
10 44 13 00-0061 Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets <small>(10 44 13 00-0060)</small>					
Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.					
10 44 13 00-0062	EA		12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	272.63	32.42
10 44 13 00-0063	EA		13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	277.81	32.42
10 44 13 00-0064	EA		15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	319.26	32.42
10 44 13 00-0065	EA		19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	370.19	32.42
10 44 13 00-0066	EA		23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet	384.01	32.42
10 44 13 00-0067 Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets <small>(10 44 13 00-0060)</small>					
Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.					

10 Specialties**10 40 Safety Specialties****10 44 Fire Protection Specialties**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	396.23	32.42
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	407.01	32.42
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	431.04	32.42
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	478.29	32.42
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	498.18	32.42
10 44 13 00-0073		Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets ^(10 44 13 00-0060)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	503.36	32.42
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	519.44	32.42
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	559.21	32.42
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	636.22	32.42
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	659.92	32.42
10 44 13 00-0079		Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets ^(10 44 13 00-0060)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,335.43	32.42
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	1,504.08	32.42
10 44 13 00-0082		Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets ^(10 44 13 00-0060)		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	324.44	32.42
10 44 13 00-0084	EA	17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	362.42	32.42
10 44 13 00-0085	EA	31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	495.38	32.42
10 44 13 00-0086		Fire Extinguisher Cabinet Accessories ^(10 44 13 00-0001)		
10 44 13 00-0087	EA	Standard Break Glass Cylinder Lock Mechanism.....	26.40	9.88
10 44 13 00-0088	EA	Breaker Bar And Chain For Break Glass Cabinets.....	24.08	9.88
10 44 13 00-0089	EA	Replacement Standard Pull Handle.....	22.67	9.88
10 44 13 00-0090	EA	Fire Extinguisher Cabinet Battery Operated Alarm.....	69.37	19.77
10 44 13 00-0091	EA	Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	115.12	
10 44 13 00-0092	EA	Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	126.63	
10 44 13 00-0093	EA	Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	172.68	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	236.00	
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	276.29	
10 44 13 00-0096	EA	Replace Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	66.77	
10 44 13 00-0097	EA	Replace Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	69.07	
10 44 13 00-0098	EA	Replace Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	92.10	
10 44 13 00-0099	EA	Replace Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	166.92	
10 44 13 00-0100	EA	Replace Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	169.23	
10 44 13 00-0101	EA	Replace Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	72.45	
10 44 13 00-0102	EA	Replace Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	76.07	
10 44 13 00-0103	EA	Replace Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	102.64	
10 44 13 00-0104	EA	Replace Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	181.12	
10 44 13 00-0105	EA	Replace Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	183.54	
10 44 13 00-0106		Fire Hose Cabinets ^(10 44 13)		
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0019 for fire hose angle valves.		
10 44 13 00-0107		Recessed Fire Hose Cabinets ^(10 44 13 00-0106)		
10 44 13 00-0108		Steel Door And Trim, Recessed Fire Hose Cabinets ^(10 44 13 00-0107)		
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	365.14	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	370.78	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	375.48	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	380.19	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	385.83	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	400.88	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	405.58	98.87
		For Solid Steel Door, Deduct	-8.60	
10 44 13 00-0116		Aluminum Door And Trim, Recessed Fire Hose Cabinets ^(10 44 13 00-0107)		
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	394.39	98.87
		For Solid Aluminum Door, Add	6.50	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 44 13 00-0118	EA		30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	403.64 6.50	98.87
	10 44 13 00-0119	EA		34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	404.84 6.50	98.87
	10 44 13 00-0120	EA		38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	408.68 6.50	98.87
	10 44 13 00-0121	EA		38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	413.72 6.50	98.87
	10 44 13 00-0122	EA		38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	428.01 6.50	98.87
	10 44 13 00-0123	EA		23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	442.30 6.50	98.87
	10 44 13 00-0124			Stainless Steel Door And Trim, Recessed Fire Hose Cabinets <small>(10 44 13 00-0107)</small> Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
	10 44 13 00-0125	EA		23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	477.59 -7.70	98.87
	10 44 13 00-0126	EA		34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	521.29 -7.70	98.87
	10 44 13 00-0127	EA		34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	525.50 -7.70	98.87
	10 44 13 00-0128	EA		38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	538.94 -7.70	98.87
	10 44 13 00-0129	EA		38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	543.14 -7.70	98.87
	10 44 13 00-0130	EA		30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	564.99 -7.70	98.87
	10 44 13 00-0131	EA		38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	586.84 -7.70	98.87
	10 44 13 00-0132			Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0106)</small>		
	10 44 13 00-0133			Steel Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small> Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
	10 44 13 00-0134	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	380.19 -8.60	98.87
	10 44 13 00-0135	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	385.83 -8.60	98.87
	10 44 13 00-0136	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	390.53 -8.60	98.87
	10 44 13 00-0137	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	396.17 -8.60	98.87
	10 44 13 00-0138	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	400.88 -8.60	98.87
	10 44 13 00-0139	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	415.92 -8.60	98.87
	10 44 13 00-0140	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	421.56 -8.60	98.87
	10 44 13 00-0141			Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small> Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
	10 44 13 00-0142	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	403.64 6.50	98.87
	10 44 13 00-0143	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	413.72 6.50	98.87
	10 44 13 00-0144	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	415.16 6.50	98.87
	10 44 13 00-0145	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	417.92 6.50	98.87
	10 44 13 00-0146	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	422.97 6.50	98.87
	10 44 13 00-0147	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	437.25 6.50	98.87
	10 44 13 00-0148	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	451.54 6.50	98.87
	10 44 13 00-0149			Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small> Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
	10 44 13 00-0150	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	503.65 -7.70	98.87
	10 44 13 00-0151	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	551.55 -7.70	98.87
	10 44 13 00-0152	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	555.75 -7.70	98.87
	10 44 13 00-0153	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	569.20 -7.70	98.87
	10 44 13 00-0154	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	573.40 -7.70	98.87
	10 44 13 00-0155	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	595.25 -7.70	98.87

10 Specialties**10 40 Safety Specialties****10 44 Fire Protection Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0156	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	617.10 -7.70	98.87
10 44 13 00-0157			Surface Mount Fire Hose Cabinets (10 44 13 00-0106)		
10 44 13 00-0158			Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0159	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	385.83 -8.60	98.87
10 44 13 00-0160	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	390.53 -8.60	98.87
10 44 13 00-0161	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	396.17 -8.60	98.87
10 44 13 00-0162	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	400.88 -8.60	98.87
10 44 13 00-0163	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	405.58 -8.60	98.87
10 44 13 00-0164	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	421.56 -8.60	98.87
10 44 13 00-0165	EA		26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	426.27 -8.60	98.87
10 44 13 00-0166			Aluminum Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0167	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	428.01 6.50	98.87
10 44 13 00-0168	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	437.25 6.50	98.87
10 44 13 00-0169	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	439.65 6.50	98.87
10 44 13 00-0170	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	442.30 6.50	98.87
10 44 13 00-0171	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	446.50 6.50	98.87
10 44 13 00-0172	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	461.63 6.50	98.87
10 44 13 00-0173	EA		26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	470.87 6.50	98.87
10 44 13 00-0174			Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0175	EA		26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	538.94 -7.70	98.87
10 44 13 00-0176	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	678.45 -7.70	98.87
10 44 13 00-0177	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	713.74 -7.70	98.87
10 44 13 00-0178	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	722.15 -7.70	98.87
10 44 13 00-0179	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	730.55 -7.70	98.87
10 44 13 00-0180	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	765.85 -7.70	98.87
10 44 13 00-0181	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	809.55 -7.70	98.87
10 44 16			Fire Extinguishers (10 44)		
10 44 16 13			Portable Fire Extinguishers (10 44 16) Note: Includes filling, certification, bracket, hardware and mounting on wall.		
10 44 16 13-0001			Carbon Dioxide Type, Class BC Portable Fire Extinguisher (10 44 16 13)		
10 44 16 13-0002	EA		2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	177.06 -6.22 -12.43 -26.36	10.28
10 44 16 13-0003	EA		5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	266.32 -10.27 -20.55 -30.42	11.87
10 44 16 13-0004	EA		10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	346.45 -13.37 -26.74 -39.55	15.03
10 44 16 13-0005	EA		15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	425.85 -16.35 -32.70 -49.43	18.98
10 44 16 13-0006	EA		20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	473.39 -18.73 -37.45 -49.43	18.98

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	10 44 16 13-0007	EA		50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	1,615.23 -72.85 -145.71	30.05
	10 44 16 13-0008	EA		100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,150.21 -149.60 -299.20	30.05
10 44 16 13-0009	Dry Chemical Type, Class ABC Portable Fire Extinguisher (10 44 16 13)					
	10 44 16 13-0010	EA		2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	99.40 -2.33 -4.67 -26.36	10.28
	10 44 16 13-0011	EA		5 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	128.07 -3.36 -6.72 -30.42	11.87
	10 44 16 13-0012	EA		10 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	184.48 -5.27 -10.54 -39.55	15.03
	10 44 16 13-0013	EA		20 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	264.72 -8.29 -16.59 -49.43	18.98
	10 44 16 13-0014	EA		50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	1,899.35 -87.06 -174.12	30.05
	10 44 16 13-0015	EA		125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	2,890.20 -136.60 -273.20	30.05
10 44 16 13-0016	Other Portable Fire Extinguishers (10 44 16 13)					
	10 44 16 13-0017	EA		2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	198.73 -6.90 -13.79 -30.42	11.87
	10 44 16 13-0018	EA		1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	297.89 -9.95 -19.90 -49.43	18.98
	10 44 16 13-0019	EA		2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	313.19 -10.72 -21.43 -49.43	18.98
	10 44 16 13-0020	EA		30 LB Dry Powder, Class D Portable Fire Extinguisher..... Note: Yellow steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	469.35 -18.52 -37.05	18.98
10 44 16 13-0021	Recharge Existing Portable Fire Extinguishers (10 44 16 13)					
	Note: Includes removal, filling, testing, certification and reinstallation.					
10 44 16 13-0022	Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers (10 44 16 13-0021)					
	10 44 16 13-0023	EA		Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher.....	8.94	
	10 44 16 13-0024	EA		Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher.....	9.94	
	10 44 16 13-0025	EA		Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher.....	10.33	
	10 44 16 13-0026	EA		Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher.....	11.70	
	10 44 16 13-0027	EA		Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher.....	13.51	
10 44 16 13-0028	Recharge Dry Chemical, Class ABC Portable Fire Extinguishers (10 44 16 13-0021)					
	10 44 16 13-0029	EA		Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher.....	10.79	
	10 44 16 13-0030	EA		Recharge 5 LB Dry Chemical Portable Fire Extinguisher.....	13.06	
	10 44 16 13-0031	EA		Recharge 10 LB Dry Chemical Portable Fire Extinguisher.....	18.45	
	10 44 16 13-0032	EA		Recharge 20 LB Dry Chemical Portable Fire Extinguisher.....	29.13	
10 44 16 13-0033	Recharge Other Portable Fire Extinguishers (10 44 16 13-0021)					
	10 44 16 13-0034	EA		Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher.....	10.67	
	10 44 16 13-0035	EA		Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher.....	76.08	
	10 44 16 13-0036	EA		Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher.....	106.51	
	10 44 16 13-0037	EA		Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher.....	43.85	
10 44 16 13-0038	Fire Extinguisher Backboards (10 44 16 13)					
10 44 16 13-0039	Fire Extinguisher Backboards (10 44 16 13-0038)					
	Note: Mounted to any wall. Includes anchors.					
	10 44 16 13-0040	EA		Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard.....	87.73	13.56
	10 44 16 13-0041	EA		Relocate Fire Extinguisher Wood Backboard, Any Size..... Note: Includes storage and cleaning.	119.65	

10 Specialties**10 40 Safety Specialties****10 44 Fire Protection Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 44 16 13-0042	Inspections And Testing <small>(10 44 16 13)</small>		
10 44 16 13-0043	EA On Site Fire Extinguisher Annual Inspection (Tag).....	9.65	
10 44 16 13-0044	EA On Site Fire Extinguisher Hydrotest.....	14.19	

10 44 19 Fire Blankets (10 44)

10 44 19 00-0001	EA Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB).....	317.20	32.42
	Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
10 44 19 00-0002	EA Drop Type Fire Blanket Cabinet (JL Industries 2FB).....	235.18	32.42
	Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		

10 50 Storage Specialties (10)**10 51 Lockers (10 50)****10 51 13 Metal Lockers (10 51)****10 51 13 00-0001 Institutional Lockers (10 51 13)**

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Locker (10 51 13 00-0001)

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA 12" x 12" x 60" Single Tier Institutional Or Corridor Locker.....	159.85	24.52
	For >25 To 50, Deduct	-5.54	
	For >50 To 100, Deduct	-11.82	
	For >100, Deduct	-18.09	
	For 14 Gauge Doors, Add	8.87	
10 51 13 00-0004	EA 12" x 15" x 60" Single Tier Institutional Or Corridor Locker.....	165.72	24.52
	For >25 To 50, Deduct	-5.83	
	For >50 To 100, Deduct	-12.40	
	For >100, Deduct	-18.97	
	For 14 Gauge Doors, Add	9.34	
10 51 13 00-0005	EA 12" x 18" x 60" Single Tier Institutional Or Corridor Locker.....	173.75	24.52
	For >25 To 50, Deduct	-6.24	
	For >50 To 100, Deduct	-13.21	
	For >100, Deduct	-20.18	
	For 14 Gauge Doors, Add	9.98	
10 51 13 00-0006	EA 12" x 12" x 72" Single Tier Institutional Or Corridor Locker.....	173.62	25.31
	For >25 To 50, Deduct	-6.15	
	For >50 To 100, Deduct	-13.06	
	For >100, Deduct	-19.97	
	For 14 Gauge Doors, Add	9.84	
10 51 13 00-0007	EA 12" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	178.49	25.31
	For >25 To 50, Deduct	-6.39	
	For >50 To 100, Deduct	-13.55	
	For >100, Deduct	-20.70	
	For 14 Gauge Doors, Add	10.23	
10 51 13 00-0008	EA 12" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	183.23	25.31
	For >25 To 50, Deduct	-6.63	
	For >50 To 100, Deduct	-14.02	
	For >100, Deduct	-21.41	
	For 14 Gauge Doors, Add	10.61	
10 51 13 00-0009	EA 15" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	191.43	25.31
	For >25 To 50, Deduct	-7.04	
	For >50 To 100, Deduct	-14.84	
	For >100, Deduct	-22.64	
	For 14 Gauge Doors, Add	11.26	
10 51 13 00-0010	EA 15" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	199.53	25.31
	For >25 To 50, Deduct	-7.45	
	For >50 To 100, Deduct	-15.65	
	For >100, Deduct	-23.86	
	For 14 Gauge Doors, Add	11.91	
10 51 13 00-0011	EA 18" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	208.12	25.31
	For >25 To 50, Deduct	-7.88	
	For >50 To 100, Deduct	-16.51	
	For >100, Deduct	-25.14	
	For 14 Gauge Doors, Add	12.60	
10 51 13 00-0012	EA 18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	216.05	25.31
	For >25 To 50, Deduct	-8.27	
	For >50 To 100, Deduct	-17.30	
	For >100, Deduct	-26.33	
	For 14 Gauge Doors, Add	13.23	
10 51 13 00-0013	EA 24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	288.50	25.31
	For >25 To 50, Deduct	-11.89	
	For >50 To 100, Deduct	-24.55	
	For >100, Deduct	-37.20	
	For 14 Gauge Doors, Add	19.03	

10 51 13 00-0014 Two Tier Institutional Locker (10 51 13 00-0001)

Note: Includes three single hooks and one double hook per tier.

10 51 13 00-0015	EA 12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	187.32	25.31
	For >25 To 50, Deduct	-6.84	
	For >50 To 100, Deduct	-14.43	
	For >100, Deduct	-22.02	
	For 14 Gauge Doors, Add	15.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0016	EA	12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	191.02	25.31
			For >25 To 50, Deduct	-7.02	
			For >50 To 100, Deduct	-14.80	
			For >100, Deduct	-22.58	
			For 14 Gauge Doors, Add	15.44	
10 51	13 00-0017	EA	12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	194.75	25.31
			For >25 To 50, Deduct	-7.21	
			For >50 To 100, Deduct	-15.17	
			For >100, Deduct	-23.14	
			For 14 Gauge Doors, Add	15.85	
10 51	13 00-0018	EA	12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	195.70	26.09
			For >25 To 50, Deduct	-7.18	
			For >50 To 100, Deduct	-15.13	
			For >100, Deduct	-23.09	
			For 14 Gauge Doors, Add	15.79	
10 51	13 00-0019	EA	12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	203.78	26.09
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-15.94	
			For >100, Deduct	-24.30	
			For 14 Gauge Doors, Add	16.67	
10 51	13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	208.66	26.09
			For >25 To 50, Deduct	-7.82	
			For >50 To 100, Deduct	-16.43	
			For >100, Deduct	-25.04	
			For 14 Gauge Doors, Add	17.21	
10 51	13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	215.66	26.09
			For >25 To 50, Deduct	-8.17	
			For >50 To 100, Deduct	-17.13	
			For >100, Deduct	-26.09	
			For 14 Gauge Doors, Add	17.98	
10 51	13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	222.69	26.09
			For >25 To 50, Deduct	-8.52	
			For >50 To 100, Deduct	-17.83	
			For >100, Deduct	-27.14	
			For 14 Gauge Doors, Add	18.75	
10 51	13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	254.49	26.09
			For >25 To 50, Deduct	-10.11	
			For >50 To 100, Deduct	-21.01	
			For >100, Deduct	-31.91	
			For 14 Gauge Doors, Add	22.25	
10 51	13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	260.26	26.09
			For >25 To 50, Deduct	-10.40	
			For >50 To 100, Deduct	-21.59	
			For >100, Deduct	-32.78	
			For 14 Gauge Doors, Add	22.89	
10 51 13 00-0025 Three Tier Institutional Locker (10 51 13 00-0001)					
Note: Includes one double hook per tier.					
10 51	13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	218.75	26.89
			For >25 To 50, Deduct	-8.25	
			For >50 To 100, Deduct	-17.30	
			For >100, Deduct	-26.36	
			For 14 Gauge Doors, Add	24.75	
10 51	13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	222.54	26.89
			For >25 To 50, Deduct	-8.44	
			For >50 To 100, Deduct	-17.68	
			For >100, Deduct	-26.93	
			For 14 Gauge Doors, Add	25.31	
10 51	13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	236.04	26.89
			For >25 To 50, Deduct	-9.11	
			For >50 To 100, Deduct	-19.03	
			For >100, Deduct	-28.95	
			For 14 Gauge Doors, Add	27.34	
10 51	13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	248.97	26.89
			For >25 To 50, Deduct	-9.76	
			For >50 To 100, Deduct	-20.33	
			For >100, Deduct	-30.89	
			For 14 Gauge Doors, Add	29.28	
10 51	13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	259.26	26.89
			For >25 To 50, Deduct	-10.27	
			For >50 To 100, Deduct	-21.35	
			For >100, Deduct	-32.44	
			For 14 Gauge Doors, Add	30.82	
10 51 13 00-0031 Four Tier Institutional Locker (10 51 13 00-0001)					
10 51	13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker.....	215.25	27.69
			For >25 To 50, Deduct	-7.99	
			For >50 To 100, Deduct	-16.82	
			For >100, Deduct	-25.64	
10 51	13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker.....	221.88	27.69
			For >25 To 50, Deduct	-8.33	
			For >50 To 100, Deduct	-17.48	
			For >100, Deduct	-26.64	
10 51	13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker.....	232.54	27.69
			For >25 To 50, Deduct	-8.86	
			For >50 To 100, Deduct	-18.55	
			For >100, Deduct	-28.24	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0035	EA		15" x 15" x 72" Four Tier Institutional Or Corridor Locker	241.07	27.69
			<i>For >25 To 50, Deduct</i>	-9.29	
			<i>For >50 To 100, Deduct</i>	-19.40	
			<i>For >100, Deduct</i>	-29.52	
10 51 13 00-0036	EA		15" x 18" x 72" Four Tier Institutional Or Corridor Locker	253.36	27.69
			<i>For >25 To 50, Deduct</i>	-9.90	
			<i>For >50 To 100, Deduct</i>	-20.63	
			<i>For >100, Deduct</i>	-31.36	
10 51 13 00-0037			Six Tier Institutional Locker <small>(10 51 13 00-0001)</small>		
10 51 13 00-0038	EA		12" x 12" x 72" Six Tier Institutional Or Corridor Locker	233.50	28.47
			<i>For >25 To 50, Deduct</i>	-8.83	
			<i>For >50 To 100, Deduct</i>	-18.51	
			<i>For >100, Deduct</i>	-28.19	
10 51 13 00-0039	EA		12" x 15" x 72" Six Tier Institutional Or Corridor Locker	238.61	28.47
			<i>For >25 To 50, Deduct</i>	-9.08	
			<i>For >50 To 100, Deduct</i>	-19.02	
			<i>For >100, Deduct</i>	-28.96	
10 51 13 00-0040	EA		12" x 18" x 72" Six Tier Institutional Or Corridor Locker	248.26	28.47
			<i>For >25 To 50, Deduct</i>	-9.57	
			<i>For >50 To 100, Deduct</i>	-19.99	
			<i>For >100, Deduct</i>	-30.41	
10 51 13 00-0041			Locker And Coat Rack Combination <small>(10 51 13 00-0001)</small>		
10 51 13 00-0042	EA		45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination	417.94	18.98
10 51 13 00-0043	EA		72" x 18" x 78", 16 Person Locker And Coat Rack Combination	672.11	39.54
10 51 13 00-0044			All-Welded Steel Lockers <small>(10 51 13)</small>		
10 51 13 00-0045			All-Welded Steel Lockers <small>(10 51 13 00-0044)</small>		
			Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0046			Single Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
			Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0047	EA		12" x 12" x 48" Single Tier, All-Welded Steel Locker	241.89	13.84
			<i>For >25 To 50, Deduct</i>	-11.11	
			<i>For >50 To 100, Deduct</i>	-22.51	
			<i>For >100, Deduct</i>	-33.91	
10 51 13 00-0048	EA		12" x 15" x 48" Single Tier, All-Welded Steel Locker	255.01	13.84
			<i>For >25 To 50, Deduct</i>	-11.76	
			<i>For >50 To 100, Deduct</i>	-23.82	
			<i>For >100, Deduct</i>	-35.88	
10 51 13 00-0049	EA		12" x 18" x 48" Single Tier, All-Welded Steel Locker	267.63	13.84
			<i>For >25 To 50, Deduct</i>	-12.39	
			<i>For >50 To 100, Deduct</i>	-25.08	
			<i>For >100, Deduct</i>	-37.77	
10 51 13 00-0050	EA		12" x 12" x 60" Single Tier, All-Welded Steel Locker	252.72	13.84
			<i>For >25 To 50, Deduct</i>	-11.65	
			<i>For >50 To 100, Deduct</i>	-23.59	
			<i>For >100, Deduct</i>	-35.54	
10 51 13 00-0051	EA		12" x 15" x 60" Single Tier, All-Welded Steel Locker	265.34	13.84
			<i>For >25 To 50, Deduct</i>	-12.28	
			<i>For >50 To 100, Deduct</i>	-24.85	
			<i>For >100, Deduct</i>	-37.43	
10 51 13 00-0052	EA		12" x 18" x 60" Single Tier, All-Welded Steel Locker	277.96	13.84
			<i>For >25 To 50, Deduct</i>	-12.91	
			<i>For >50 To 100, Deduct</i>	-26.12	
			<i>For >100, Deduct</i>	-39.32	
10 51 13 00-0053	EA		12" x 12" x 72" Single Tier, All-Welded Steel Locker	266.38	15.23
			<i>For >25 To 50, Deduct</i>	-12.23	
			<i>For >50 To 100, Deduct</i>	-24.79	
			<i>For >100, Deduct</i>	-37.35	
10 51 13 00-0054	EA		12" x 15" x 72" Single Tier, All-Welded Steel Locker	278.06	15.23
			<i>For >25 To 50, Deduct</i>	-12.82	
			<i>For >50 To 100, Deduct</i>	-25.96	
			<i>For >100, Deduct</i>	-39.10	
10 51 13 00-0055	EA		12" x 18" x 72" Single Tier, All-Welded Steel Locker	290.68	15.23
			<i>For >25 To 50, Deduct</i>	-13.45	
			<i>For >50 To 100, Deduct</i>	-27.22	
			<i>For >100, Deduct</i>	-40.99	
10 51 13 00-0056	EA		15" x 15" x 72" Single Tier, All-Welded Steel Locker	302.49	15.23
			<i>For >25 To 50, Deduct</i>	-14.04	
			<i>For >50 To 100, Deduct</i>	-28.40	
			<i>For >100, Deduct</i>	-42.76	
10 51 13 00-0057	EA		15" x 18" x 72" Single Tier, All-Welded Steel Locker	312.21	15.23
			<i>For >25 To 50, Deduct</i>	-14.52	
			<i>For >50 To 100, Deduct</i>	-29.37	
			<i>For >100, Deduct</i>	-44.22	
10 51 13 00-0058	EA		18" x 18" x 72" Single Tier, All-Welded Steel Locker	325.63	15.23
			<i>For >25 To 50, Deduct</i>	-15.19	
			<i>For >50 To 100, Deduct</i>	-30.71	
			<i>For >100, Deduct</i>	-46.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0059	EA		18" x 21" x 72" Single Tier, All-Welded Steel Locker	340.72	15.23
			For >25 To 50, Deduct	-15.95	
			For >50 To 100, Deduct	-32.22	
			For >100, Deduct	-48.50	
10 51 13 00-0060	EA		24" x 24" x 72" Single Tier, All-Welded Steel Locker	568.03	15.23
			For >25 To 50, Deduct	-27.31	
			For >50 To 100, Deduct	-54.95	
			For >100, Deduct	-82.59	
10 51 13 00-0061			Two Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0062	EA		12" x 12" x 60" Two Tier, All-Welded Steel Locker	293.64	13.84
			For >25 To 50, Deduct	-13.69	
			For >50 To 100, Deduct	-27.68	
			For >100, Deduct	-41.67	
10 51 13 00-0063	EA		12" x 15" x 60" Two Tier, All-Welded Steel Locker	299.43	13.84
			For >25 To 50, Deduct	-13.98	
			For >50 To 100, Deduct	-28.26	
			For >100, Deduct	-42.54	
10 51 13 00-0064	EA		12" x 18" x 60" Two Tier, All-Welded Steel Locker	314.98	13.84
			For >25 To 50, Deduct	-14.76	
			For >50 To 100, Deduct	-29.82	
			For >100, Deduct	-44.87	
10 51 13 00-0065	EA		12" x 12" x 72" Two Tier, All-Welded Steel Locker	305.29	15.23
			For >25 To 50, Deduct	-14.18	
			For >50 To 100, Deduct	-28.68	
			For >100, Deduct	-43.18	
10 51 13 00-0066	EA		12" x 15" x 72" Two Tier, All-Welded Steel Locker	326.72	15.23
			For >25 To 50, Deduct	-15.25	
			For >50 To 100, Deduct	-30.82	
			For >100, Deduct	-46.40	
10 51 13 00-0067	EA		12" x 18" x 72" Two Tier, All-Welded Steel Locker	338.40	15.23
			For >25 To 50, Deduct	-15.83	
			For >50 To 100, Deduct	-31.99	
			For >100, Deduct	-48.15	
10 51 13 00-0068	EA		15" x 15" x 72" Two Tier, All-Welded Steel Locker	355.05	15.23
			For >25 To 50, Deduct	-16.67	
			For >50 To 100, Deduct	-33.66	
			For >100, Deduct	-50.65	
10 51 13 00-0069	EA		15" x 18" x 72" Two Tier, All-Welded Steel Locker	362.89	15.23
			For >25 To 50, Deduct	-17.06	
			For >50 To 100, Deduct	-34.44	
			For >100, Deduct	-51.82	
10 51 13 00-0070	EA		18" x 18" x 72" Two Tier, All-Welded Steel Locker	385.48	15.23
			For >25 To 50, Deduct	-18.19	
			For >50 To 100, Deduct	-36.70	
			For >100, Deduct	-55.21	
10 51 13 00-0071	EA		18" x 21" x 72" Two Tier, All-Welded Steel Locker	402.98	15.23
			For >25 To 50, Deduct	-19.06	
			For >50 To 100, Deduct	-38.45	
			For >100, Deduct	-57.84	
10 51 13 00-0072			Three Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0073	EA		12" x 12" x 72" Three Tier, All-Welded Steel Locker	365.66	15.23
			For >25 To 50, Deduct	-17.20	
			For >50 To 100, Deduct	-34.72	
			For >100, Deduct	-52.24	
10 51 13 00-0074	EA		12" x 15" x 72" Three Tier, All-Welded Steel Locker	374.44	15.23
			For >25 To 50, Deduct	-17.63	
			For >50 To 100, Deduct	-35.60	
			For >100, Deduct	-53.56	
10 51 13 00-0075	EA		12" x 18" x 72" Three Tier, All-Welded Steel Locker	383.16	15.23
			For >25 To 50, Deduct	-18.07	
			For >50 To 100, Deduct	-36.47	
			For >100, Deduct	-54.86	
10 51 13 00-0076	EA		15" x 15" x 72" Three Tier, All-Welded Steel Locker	403.81	15.23
			For >25 To 50, Deduct	-19.10	
			For >50 To 100, Deduct	-38.53	
			For >100, Deduct	-57.96	
10 51 13 00-0077	EA		15" x 18" x 72" Three Tier, All-Welded Steel Locker	407.62	15.23
			For >25 To 50, Deduct	-19.29	
			For >50 To 100, Deduct	-38.91	
			For >100, Deduct	-58.53	
10 51 13 00-0078			Four Tier, All-Welded Steel Lockers <small>(10 51 13 00-0045)</small>		
10 51 13 00-0079	EA		12" x 12" x 72" Four Tier, All-Welded Steel Locker	344.83	15.23
			For >25 To 50, Deduct	-16.15	
			For >50 To 100, Deduct	-32.63	
			For >100, Deduct	-49.11	
10 51 13 00-0080	EA		12" x 15" x 72" Four Tier, All-Welded Steel Locker	353.12	15.23
			For >25 To 50, Deduct	-16.57	
			For >50 To 100, Deduct	-33.46	
			For >100, Deduct	-50.36	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0081	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker.....	361.36	15.23
			For >25 To 50, Deduct	-16.98	
			For >50 To 100, Deduct	-34.29	
			For >100, Deduct	-51.59	
10 51	13 00-0082	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker.....	380.79	15.23
			For >25 To 50, Deduct	-17.95	
			For >50 To 100, Deduct	-36.23	
			For >100, Deduct	-54.51	
10 51	13 00-0083	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker.....	384.33	15.23
			For >25 To 50, Deduct	-18.13	
			For >50 To 100, Deduct	-36.58	
			For >100, Deduct	-55.04	
10 51	13 00-0084		Six Tier, All-Welded Steel Lockers (10 51 13 00-0045)		
10 51	13 00-0085	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker.....	357.73	15.23
			For >25 To 50, Deduct	-16.80	
			For >50 To 100, Deduct	-33.92	
			For >100, Deduct	-51.05	
10 51	13 00-0086	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker.....	369.83	15.23
			For >25 To 50, Deduct	-17.40	
			For >50 To 100, Deduct	-35.13	
			For >100, Deduct	-52.86	
10 51	13 00-0087	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker.....	378.74	15.23
			For >25 To 50, Deduct	-17.85	
			For >50 To 100, Deduct	-36.03	
			For >100, Deduct	-54.20	
10 51	13 00-0088		All Welded Locker Accessories (10 51 13 00-0044)		
10 51	13 00-0089	EA	ADA Requirements For All Welded Lockers.....	63.77	
10 51	13 00-0090	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers.....	104.71	3.16
10 51	13 00-0091	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers.....	121.11	3.16
10 51	13 00-0092	EA	Recessed Trim For All Welded Lockers.....	74.35	3.16
10 51	13 00-0093	EA	Built In Combination Lock For All Welded Lockers.....	26.00	3.16
10 51	13 00-0094	EA	Pad Lock For All Welded Lockers.....	21.51	3.16
10 51	13 00-0095		Athletic Lockers (10 51 13)		
			Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51	13 00-0096		Single Tier Athletic Locker (10 51 13 00-0095)		
			Note: Includes one hat shelf, three single hooks and one double hook.		
10 51	13 00-0097	EA	12" x 15" x 60" Single Tier Athletic Locker.....	235.04	25.31
			For >25 To 50, Deduct	-9.22	
			For >50 To 100, Deduct	-19.20	
			For >100, Deduct	-29.18	
10 51	13 00-0098	EA	12" x 18" x 60" Single Tier Athletic Locker.....	242.83	25.31
			For >25 To 50, Deduct	-9.61	
			For >50 To 100, Deduct	-19.98	
			For >100, Deduct	-30.35	
10 51	13 00-0099	EA	15" x 15" x 60" Single Tier Athletic Locker.....	247.84	25.31
			For >25 To 50, Deduct	-9.86	
			For >50 To 100, Deduct	-20.48	
			For >100, Deduct	-31.10	
10 51	13 00-0100	EA	15" x 18" x 60" Single Tier Athletic Locker.....	256.15	25.31
			For >25 To 50, Deduct	-10.28	
			For >50 To 100, Deduct	-21.31	
			For >100, Deduct	-32.35	
10 51	13 00-0101	EA	18" x 18" x 60" Single Tier Athletic Locker.....	292.02	25.31
			For >25 To 50, Deduct	-12.07	
			For >50 To 100, Deduct	-24.90	
			For >100, Deduct	-37.73	
10 51	13 00-0102	EA	18" x 21" x 60" Single Tier Athletic Locker.....	320.53	25.31
			For >25 To 50, Deduct	-13.50	
			For >50 To 100, Deduct	-27.75	
			For >100, Deduct	-42.01	
10 51	13 00-0103	EA	18" x 24" x 60" Single Tier Athletic Locker.....	340.04	25.31
			For >25 To 50, Deduct	-14.47	
			For >50 To 100, Deduct	-29.70	
			For >100, Deduct	-44.93	
10 51	13 00-0104	EA	12" x 15" x 72" Single Tier Athletic Locker.....	243.68	25.31
			For >25 To 50, Deduct	-9.65	
			For >50 To 100, Deduct	-20.07	
			For >100, Deduct	-30.48	
10 51	13 00-0105	EA	12" x 18" x 72" Single Tier Athletic Locker.....	257.71	25.31
			For >25 To 50, Deduct	-10.35	
			For >50 To 100, Deduct	-21.47	
			For >100, Deduct	-32.58	
10 51	13 00-0106	EA	15" x 15" x 72" Single Tier Athletic Locker.....	262.64	25.31
			For >25 To 50, Deduct	-10.60	
			For >50 To 100, Deduct	-21.96	
			For >100, Deduct	-33.32	
10 51	13 00-0107	EA	15" x 18" x 72" Single Tier Athletic Locker.....	271.65	25.31
			For >25 To 50, Deduct	-11.05	
			For >50 To 100, Deduct	-22.86	
			For >100, Deduct	-34.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0108	EA		18" x 18" x 72" Single Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.86 -12.16 -25.08 -38.00	25.31
10 51 13 00-0109	EA		18" x 21" x 72" Single Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	317.13 -13.33 -27.41 -41.50	25.31
10 51 13 00-0110			Two Tier Athletic Locker <small>(10 51 13 00-0095)</small> Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0111	EA		12" x 12" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	262.63 -10.52 -21.83 -33.13	26.09
10 51 13 00-0112	EA		12" x 15" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	270.92 -10.94 -22.66 -34.37	26.09
10 51 13 00-0113	EA		12" x 18" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	280.25 -11.40 -23.59 -35.77	26.09
10 51 13 00-0114	EA		15" x 15" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	281.16 -11.45 -23.68 -35.91	26.09
10 51 13 00-0115	EA		15" x 18" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	283.10 -11.55 -23.87 -36.20	26.09
10 51 13 00-0116	EA		18" x 18" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	299.50 -12.37 -25.51 -38.66	26.09
10 51 13 00-0117	EA		18" x 21" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	311.51 -12.97 -26.71 -40.46	26.09
10 51 13 00-0118	EA		18" x 24" x 60" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	365.14 -15.65 -32.08 -48.51	26.09
10 51 13 00-0119	EA		12" x 12" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	271.60 -10.97 -22.72 -34.48	26.09
10 51 13 00-0120	EA		12" x 15" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	280.09 -11.39 -23.57 -35.75	26.09
10 51 13 00-0121	EA		12" x 18" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	291.67 -11.97 -24.73 -37.49	26.09
10 51 13 00-0122	EA		15" x 15" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	293.42 -12.06 -24.91 -37.75	26.09
10 51 13 00-0123	EA		15" x 18" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	302.94 -12.54 -25.86 -39.18	26.09
10 51 13 00-0124	EA		18" x 18" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	314.62 -13.12 -27.03 -40.93	26.09
10 51 13 00-0125	EA		18" x 21" x 72" Two Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	340.85 -14.43 -29.65 -44.86	26.09
10 51 13 00-0126			Three Tier Athletic Locker <small>(10 51 13 00-0095)</small> Note: Includes one double hook per tier.		
10 51 13 00-0127	EA		12" x 12" x 60" Three Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	284.17 -11.52 -23.85 -36.17	26.89
10 51 13 00-0128	EA		12" x 15" x 60" Three Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	297.61 -12.19 -25.19 -38.19	26.89
10 51 13 00-0129	EA		12" x 18" x 60" Three Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	309.49 -12.79 -26.38 -39.97	26.89

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0130	EA	15" x 15" x 60" Three Tier Athletic Locker.....	317.56	26.89
			<i>For >25 To 50, Deduct</i>	-13.19	
			<i>For >50 To 100, Deduct</i>	-27.18	
			<i>For >100, Deduct</i>	-41.18	
10 51	13 00-0131	EA	15" x 18" x 60" Three Tier Athletic Locker.....	330.99	26.89
			<i>For >25 To 50, Deduct</i>	-13.86	
			<i>For >50 To 100, Deduct</i>	-28.53	
			<i>For >100, Deduct</i>	-43.19	
10 51	13 00-0132	EA	12" x 12" x 72" Three Tier Athletic Locker.....	299.48	26.89
			<i>For >25 To 50, Deduct</i>	-12.29	
			<i>For >50 To 100, Deduct</i>	-25.38	
			<i>For >100, Deduct</i>	-38.47	
10 51	13 00-0133	EA	12" x 15" x 72" Three Tier Athletic Locker.....	311.62	26.89
			<i>For >25 To 50, Deduct</i>	-12.89	
			<i>For >50 To 100, Deduct</i>	-26.59	
			<i>For >100, Deduct</i>	-40.29	
10 51	13 00-0134	EA	12" x 18" x 72" Three Tier Athletic Locker.....	328.36	26.89
			<i>For >25 To 50, Deduct</i>	-13.73	
			<i>For >50 To 100, Deduct</i>	-28.26	
			<i>For >100, Deduct</i>	-42.80	
10 51	13 00-0135	EA	15" x 15" x 72" Three Tier Athletic Locker.....	336.93	26.89
			<i>For >25 To 50, Deduct</i>	-14.16	
			<i>For >50 To 100, Deduct</i>	-29.12	
			<i>For >100, Deduct</i>	-44.09	
10 51	13 00-0136	EA	15" x 18" x 72" Three Tier Athletic Locker.....	349.79	26.89
			<i>For >25 To 50, Deduct</i>	-14.80	
			<i>For >50 To 100, Deduct</i>	-30.41	
			<i>For >100, Deduct</i>	-46.01	
10 51 13 00-0137 Four Tier Athletic Locker (10 51 13 00-0095)					
10 51	13 00-0138	EA	12" x 12" x 60" Four Tier Athletic Locker.....	262.84	27.69
			<i>For >25 To 50, Deduct</i>	-10.37	
			<i>For >50 To 100, Deduct</i>	-21.58	
			<i>For >100, Deduct</i>	-32.78	
10 51	13 00-0139	EA	12" x 15" x 60" Four Tier Athletic Locker.....	279.29	27.69
			<i>For >25 To 50, Deduct</i>	-11.20	
			<i>For >50 To 100, Deduct</i>	-23.22	
			<i>For >100, Deduct</i>	-35.25	
10 51	13 00-0140	EA	12" x 18" x 60" Four Tier Athletic Locker.....	295.75	27.69
			<i>For >25 To 50, Deduct</i>	-12.02	
			<i>For >50 To 100, Deduct</i>	-24.87	
			<i>For >100, Deduct</i>	-37.72	
10 51	13 00-0141	EA	15" x 15" x 60" Four Tier Athletic Locker.....	302.47	27.69
			<i>For >25 To 50, Deduct</i>	-12.36	
			<i>For >50 To 100, Deduct</i>	-25.54	
			<i>For >100, Deduct</i>	-38.73	
10 51	13 00-0142	EA	15" x 18" x 60" Four Tier Athletic Locker.....	329.50	27.69
			<i>For >25 To 50, Deduct</i>	-13.71	
			<i>For >50 To 100, Deduct</i>	-28.24	
			<i>For >100, Deduct</i>	-42.78	
10 51	13 00-0143	EA	12" x 12" x 72" Four Tier Athletic Locker.....	279.58	27.69
			<i>For >25 To 50, Deduct</i>	-11.21	
			<i>For >50 To 100, Deduct</i>	-23.25	
			<i>For >100, Deduct</i>	-35.29	
10 51	13 00-0144	EA	12" x 15" x 72" Four Tier Athletic Locker.....	296.27	27.69
			<i>For >25 To 50, Deduct</i>	-12.05	
			<i>For >50 To 100, Deduct</i>	-24.92	
			<i>For >100, Deduct</i>	-37.80	
10 51	13 00-0145	EA	12" x 18" x 72" Four Tier Athletic Locker.....	312.96	27.69
			<i>For >25 To 50, Deduct</i>	-12.88	
			<i>For >50 To 100, Deduct</i>	-26.59	
			<i>For >100, Deduct</i>	-40.30	
10 51	13 00-0146	EA	15" x 15" x 72" Four Tier Athletic Locker.....	321.51	27.69
			<i>For >25 To 50, Deduct</i>	-13.31	
			<i>For >50 To 100, Deduct</i>	-27.45	
			<i>For >100, Deduct</i>	-41.58	
10 51	13 00-0147	EA	15" x 18" x 72" Four Tier Athletic Locker.....	327.92	27.69
			<i>For >25 To 50, Deduct</i>	-13.63	
			<i>For >50 To 100, Deduct</i>	-28.09	
			<i>For >100, Deduct</i>	-42.54	
10 51 13 00-0148 Six Tier Athletic Locker (10 51 13 00-0095)					
10 51	13 00-0149	EA	12" x 12" x 72" Six Tier Athletic Locker.....	309.23	28.47
			<i>For >25 To 50, Deduct</i>	-12.61	
			<i>For >50 To 100, Deduct</i>	-26.08	
			<i>For >100, Deduct</i>	-39.55	
10 51	13 00-0150	EA	12" x 15" x 72" Six Tier Athletic Locker.....	322.06	28.47
			<i>For >25 To 50, Deduct</i>	-13.26	
			<i>For >50 To 100, Deduct</i>	-27.37	
			<i>For >100, Deduct</i>	-41.48	
10 51	13 00-0151	EA	12" x 18" x 72" Six Tier Athletic Locker.....	334.85	28.47
			<i>For >25 To 50, Deduct</i>	-13.90	
			<i>For >50 To 100, Deduct</i>	-28.65	
			<i>For >100, Deduct</i>	-43.39	
10 51	13 00-0152	EA	12" x 21" x 72" Six Tier Athletic Locker.....	381.57	28.47
			<i>For >25 To 50, Deduct</i>	-16.23	
			<i>For >50 To 100, Deduct</i>	-33.32	
			<i>For >100, Deduct</i>	-50.40	

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

10 51 13 00-0153			Metal Locker Accessories (10 51 13)		
10 51 13 00-0154			Locker Slope Tops (10 51 13 00-0153)		
10 51 13 00-0155			16 Gauge Continuous Sloping Hood (10 51 13 00-0154)		
10 51 13 00-0156	LF		12" Deep, 16 Gauge Continuous Slope Top.....	20.00	3.16
10 51 13 00-0157	LF		15" Deep, 16 Gauge Continuous Slope Top.....	17.08	3.16
10 51 13 00-0158	LF		18" Deep, 16 Gauge Continuous Slope Top.....	22.99	3.16
10 51 13 00-0159	LF		21" Deep, 16 Gauge Continuous Slope Top.....	25.26	3.16
10 51 13 00-0160	LF		24" Deep, 16 Gauge Continuous Slope Top.....	26.33	3.16
10 51 13 00-0161			16 Gauge Slope Top Corner Fillers (10 51 13 00-0154)		
10 51 13 00-0162	EA		12" Deep, 16 Gauge Slope Top Corner Fillers.....	78.63	3.16
10 51 13 00-0163	EA		15" Deep, 16 Gauge Slope Top Corner Fillers.....	80.29	3.16
10 51 13 00-0164	EA		18" Deep, 16 Gauge Slope Top Corner Fillers.....	81.93	3.16
10 51 13 00-0165	EA		21" Deep, 16 Gauge Slope Top Corner Fillers.....	83.93	3.16
10 51 13 00-0166	EA		24" Deep, 16 Gauge Slope Top Corner Fillers.....	85.91	3.16
10 51 13 00-0167			20 Gauge Individual Slope Top (10 51 13 00-0154)		
10 51 13 00-0168	EA		12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	17.37	3.16
10 51 13 00-0169	EA		12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	17.26	3.16
10 51 13 00-0170	EA		12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	19.06	3.16
10 51 13 00-0171	EA		15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	19.06	3.16
10 51 13 00-0172	EA		15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	19.49	3.16
10 51 13 00-0173	EA		15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	21.19	3.16
10 51 13 00-0174	EA		18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	21.19	3.16
10 51 13 00-0175	EA		18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	23.42	3.16
10 51 13 00-0176	EA		18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	26.08	3.16
10 51 13 00-0177			Continuous Slope Top End Closures (10 51 13 00-0154)		
10 51 13 00-0178	PR		12" Deep, Continuous Slope Top End Closures.....	18.43	3.16
10 51 13 00-0179	PR		15" Deep, Continuous Slope Top End Closures.....	15.86	3.16
10 51 13 00-0180	PR		18" Deep, Continuous Slope Top End Closures.....	20.55	3.16
10 51 13 00-0181	PR		21" Deep, Continuous Slope Top End Closures.....	21.61	3.16
10 51 13 00-0182	PR		24" Deep, Continuous Slope Top End Closures.....	22.34	3.16
10 51 13 00-0183			Individual Slope Top End Closures (10 51 13 00-0154)		
10 51 13 00-0184	EA		12" Deep, Individual Slope Top End Closures.....	12.38	3.16
10 51 13 00-0185	EA		15" Deep, Individual Slope Top End Closures.....	12.71	3.16
10 51 13 00-0186	EA		18" Deep, Individual Slope Top End Closures.....	13.45	3.16
10 51 13 00-0187	EA		21" Deep, Individual Slope Top End Closures.....	13.96	3.16
10 51 13 00-0188	EA		24" Deep, Individual Slope Top End Closures.....	19.20	3.16
10 51 13 00-0189			Locker Base (10 51 13 00-0153)		
10 51 13 00-0190			Closed Front Base (10 51 13 00-0189)		
10 51 13 00-0191	EA		12" Wide, 6" High Closed Front Base.....	12.95	3.16
10 51 13 00-0192	EA		15" Wide, 6" High Closed Front Base.....	13.50	3.16
10 51 13 00-0193	EA		18" Wide, 6" High Closed Front Base.....	14.66	3.16
10 51 13 00-0194	EA		24" Wide, 6" High Closed Front Base.....	15.21	3.16
10 51 13 00-0195			Closed End Base (10 51 13 00-0189)		
10 51 13 00-0196	EA		12" Deep, 6" High Closed End Base.....	14.49	3.16
10 51 13 00-0197	EA		15" Deep, 6" High Closed End Base.....	14.58	3.16
10 51 13 00-0198	EA		18" Deep, 6" High Closed End Base.....	15.33	3.16
10 51 13 00-0199	EA		21" Deep, 6" High Closed End Base.....	16.07	3.16
10 51 13 00-0200	EA		24" Deep, 6" High Closed End Base.....	17.07	3.16
10 51 13 00-0201			Recessed Continuous Front "Z" Base (10 51 13 00-0189)		
10 51 13 00-0202	LF		4" High Recessed Continuous Front "Z" Base.....	14.82	2.38
10 51 13 00-0203			"Z" Base Ends Or Splice (10 51 13 00-0189)		
10 51 13 00-0204	EA		12" Wide, 4" High Z-Base Ends Or Splice.....	15.08	3.16
10 51 13 00-0205	EA		15" Wide, 4" High Z-Base Ends Or Splice.....	17.26	3.16
10 51 13 00-0206	EA		18" Wide, 4" High Z-Base Ends Or Splice.....	19.49	3.16
10 51 13 00-0207	EA		21" Wide, 4" High Z-Base Ends Or Splice.....	21.83	3.16
10 51 13 00-0208	EA		24" Wide, 4" High Z-Base Ends Or Splice.....	24.16	3.16
10 51 13 00-0209			Locker Front Fillers And End Panels (10 51 13 00-0153)		
10 51 13 00-0210			Locker Front Fillers (10 51 13 00-0209)		
10 51 13 00-0211	EA		6" Wide x 48" High, 16 Gauge Front Filler.....	19.58	3.95
10 51 13 00-0212	EA		12" Wide x 48" High, 16 Gauge Front Filler.....	30.72	3.95

10 Specialties
10 50 Storage Specialties
10 51 Lockers

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 51 13 00-0213	EA	6" Wide x 60" High, 16 Gauge Front Filler	24.16	3.95
10 51 13 00-0214	EA	12" Wide x 60" High, 16 Gauge Front Filler	36.43	3.95
10 51 13 00-0215	EA	6" Wide x 66" High, 16 Gauge Front Filler	26.16	3.95
10 51 13 00-0216	EA	12" Wide x 66" High, 16 Gauge Front Filler	29.19	3.95
10 51 13 00-0217	EA	6" Wide x 72" High, 16 Gauge Front Filler	28.48	3.95
10 51 13 00-0218	EA	12" Wide x 72" High, 16 Gauge Front Filler	39.74	3.95
10 51 13 00-0219	EA	6" Wide x 78" High, 16 Gauge Front Filler	29.12	3.95
10 51 13 00-0220	EA	12" Wide x 78" High, 16 Gauge Front Filler	33.67	3.95
10 51 13 00-0221		Locker End Panels (10 51 13 00-0209)		
10 51 13 00-0222	EA	12" Deep x 48" High, 16 Gauge End Panel	30.89	3.16
10 51 13 00-0223	EA	15" Deep x 48" High, 16 Gauge End Panel	37.44	3.16
10 51 13 00-0224	EA	18" Deep x 48" High, 16 Gauge End Panel	43.75	3.16
10 51 13 00-0225	EA	12" Deep x 60" High, 16 Gauge End Panel	36.26	3.16
10 51 13 00-0226	EA	15" Deep x 60" High, 16 Gauge End Panel	40.96	3.16
10 51 13 00-0227	EA	18" Deep x 60" High, 16 Gauge End Panel	48.36	3.16
10 51 13 00-0228	EA	12" Deep x 72" High, 16 Gauge End Panel	42.51	3.16
10 51 13 00-0229	EA	15" Deep x 72" High, 16 Gauge End Panel	48.23	3.16
10 51 13 00-0230	EA	18" Deep x 72" High, 16 Gauge End Panel	55.84	3.16
10 51 13 00-0231	EA	21" Deep x 72" High, 16 Gauge End Panel	64.10	3.16
10 51 13 00-0232		Locker Recessed Trim (10 51 13 00-0153)		
10 51 13 00-0233	LF	3" Height, Top Trim For Recessed Lockers	6.72	1.58
10 51 13 00-0234	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	18.09	3.16
10 51 13 00-0235	EA	60" Height, 3" Wide Side Trim For Recessed Lockers	26.91	3.16
10 51 13 00-0236	EA	66" Height, 3" Wide Side Trim For Recessed Lockers	27.84	3.16
10 51 13 00-0237	EA	72" Height, 3" Wide Side Trim For Recessed Lockers	28.77	3.16
10 51 13 00-0238	EA	78" Height, 3" Wide Side Trim For Recessed Lockers	29.58	3.16
10 51 13 00-0239		Locker Interior Accessories (10 51 13 00-0153)		
10 51 13 00-0240		Locker Coat Rods (10 51 13 00-0239)		
10 51 13 00-0241	EA	12" Wide Coat Rod	10.33	3.16
10 51 13 00-0242	EA	15" Wide Coat Rod	11.20	3.16
10 51 13 00-0243	EA	18" Wide Coat Rod	11.97	3.16
10 51 13 00-0244	EA	24" Wide Coat Rod	12.65	3.16
10 51 13 00-0245		Locker Hat Shelf (10 51 13 00-0239)		
10 51 13 00-0246	EA	12" Wide Hat Shelf	12.16	3.16
10 51 13 00-0247	EA	15" Wide Hat Shelf	14.03	3.16
10 51 13 00-0248	EA	18" Wide Hat Shelf	14.82	3.16
10 51 13 00-0249	EA	24" Wide Hat Shelf	17.94	3.16
10 51 13 00-0250		Locker ADA Compliant Shelf (10 51 13 00-0239)		
10 51 13 00-0251	EA	ADA Compliant Shelf For Single Tier Lockers	23.07	3.95
		Note: Includes an ADA label for locker face.		
10 51 13 00-0252		Other Interior Locker Accessories (10 51 13 00-0239)		
10 51 13 00-0253	EA	3" x 10" Bent Plate Shoe Rack	29.65	3.16
10 51 13 00-0254	EA	8" x 10" Mirror	23.82	3.16
10 51 13 00-0255	EA	Additional Hook	7.79	3.16
10 51 13 00-0256		Locker Locks (10 51 13 00-0153)		
10 51 13 00-0257	EA	Built In Combination Lock	26.00	3.16
10 51 13 00-0258		Locker Repair And Refinishing (10 51 13)		
10 51 13 00-0259	EA	Replace Single Tier Locker Door	222.42	
10 51 13 00-0260	EA	Replace Two Tier Locker Door	175.18	
10 51 13 00-0261	EA	Replace Three Tier Locker Door	150.85	
10 51 13 00-0262	EA	Replace Four Tier Locker Door	127.93	
10 51 13 00-0263	EA	Replace Six Tier Or Sixteen Person Locker Door	74.25	
10 51 13 00-0264	EA	Realign Metal Locker Door For Proper Closure	35.04	
10 51 13 00-0265	SF	Patch Small Drill Holes in Locker	7.01	
10 51 26		Plastic Lockers (10 51)		
10 51 26 00-0001		Solid Plastic Lockers (10 51 26)		
		Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002		Single Tier Solid Plastic Lockers (10 51 26 00-0001)		
		Note: Includes one double hook per tier.		
10 51 26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®)	290.24	24.52
		For >50 To 100, Deduct	-24.12	
		For >100, Deduct	-37.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0004	EA		12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	295.08	24.52
			For >50 To 100, Deduct	-24.61	
			For >100, Deduct	-38.38	
10 51 26 00-0005	EA		12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	299.92	24.52
			For >50 To 100, Deduct	-25.09	
			For >100, Deduct	-39.10	
10 51 26 00-0006	EA		15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	307.17	24.52
			For >50 To 100, Deduct	-25.81	
			For >100, Deduct	-40.19	
10 51 26 00-0007	EA		15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	299.50	24.52
			For >50 To 100, Deduct	-25.05	
			For >100, Deduct	-39.04	
10 51 26 00-0008	EA		18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	301.53	24.52
			For >50 To 100, Deduct	-25.25	
			For >100, Deduct	-39.35	
10 51 26 00-0009	EA		18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	297.95	24.52
			For >50 To 100, Deduct	-24.89	
			For >100, Deduct	-38.81	
10 51 26 00-0010	EA		18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	317.93	24.52
			For >50 To 100, Deduct	-26.89	
			For >100, Deduct	-41.81	
10 51 26 00-0011	EA		12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	313.33	24.52
			For >50 To 100, Deduct	-26.43	
			For >100, Deduct	-41.12	
10 51 26 00-0012	EA		12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	318.70	24.52
			For >50 To 100, Deduct	-26.97	
			For >100, Deduct	-41.92	
10 51 26 00-0013	EA		12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	324.08	24.52
			For >50 To 100, Deduct	-27.51	
			For >100, Deduct	-42.73	
10 51 26 00-0014	EA		15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	336.37	24.52
			For >50 To 100, Deduct	-28.73	
			For >100, Deduct	-44.57	
10 51 26 00-0015	EA		15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	353.28	24.52
			For >50 To 100, Deduct	-30.43	
			For >100, Deduct	-47.11	
10 51 26 00-0016	EA		18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	337.91	24.52
			For >50 To 100, Deduct	-28.89	
			For >100, Deduct	-44.80	
10 51 26 00-0017	EA		18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	365.56	24.52
			For >50 To 100, Deduct	-31.65	
			For >100, Deduct	-48.95	
10 51 26 00-0018	EA		12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	315.47	24.52
			For >50 To 100, Deduct	-26.64	
			For >100, Deduct	-41.44	
10 51 26 00-0019	EA		12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	331.23	24.52
			For >50 To 100, Deduct	-28.22	
			For >100, Deduct	-43.80	
10 51 26 00-0020	EA		12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	347.00	24.52
			For >50 To 100, Deduct	-29.80	
			For >100, Deduct	-46.17	
10 51 26 00-0021	EA		15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	335.45	24.52
			For >50 To 100, Deduct	-28.64	
			For >100, Deduct	-44.43	
10 51 26 00-0022	EA		15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	352.15	24.52
			For >50 To 100, Deduct	-30.31	
			For >100, Deduct	-46.94	
10 51 26 00-0023	EA		15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	368.87	24.52
			For >50 To 100, Deduct	-31.98	
			For >100, Deduct	-49.45	
10 51 26 00-0024	EA		18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	355.43	24.52
			For >50 To 100, Deduct	-30.64	
			For >100, Deduct	-47.43	
10 51 26 00-0025	EA		18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	373.09	24.52
			For >50 To 100, Deduct	-32.41	
			For >100, Deduct	-50.08	
10 51 26 00-0026	EA		12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	358.92	25.31
			For >50 To 100, Deduct	-30.83	
			For >100, Deduct	-47.76	
10 51 26 00-0027	EA		12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	376.59	25.31
			For >50 To 100, Deduct	-32.60	
			For >100, Deduct	-50.41	
10 51 26 00-0028	EA		12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	394.24	25.31
			For >50 To 100, Deduct	-34.36	
			For >100, Deduct	-53.06	
10 51 26 00-0029	EA		15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	381.85	25.31
			For >50 To 100, Deduct	-33.12	
			For >100, Deduct	-51.20	
10 51 26 00-0030	EA		15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	400.49	25.31
			For >50 To 100, Deduct	-34.99	
			For >100, Deduct	-54.00	
10 51 26 00-0031	EA		15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	419.11	25.31
			For >50 To 100, Deduct	-36.85	
			For >100, Deduct	-56.79	
10 51 26 00-0032	EA		18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	400.13	25.31
			For >50 To 100, Deduct	-34.95	
			For >100, Deduct	-53.95	
10 51 26 00-0033	EA		18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	424.37	25.31
			For >50 To 100, Deduct	-37.38	
			For >100, Deduct	-57.58	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 26 00-0034	EA	18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®)	443.94	25.31
		<i>For >50 To 100, Deduct</i>	-39.33	
		<i>For >100, Deduct</i>	-60.52	

10 51 26 00-0035 Double Tier Solid Plastic Lockers (10 51 26 00-0001)

Note: Includes one double hook per tier.

10 51 26 00-0036	EA	12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	324.13	25.31
		<i>For >50 To 100, Deduct</i>	-27.35	
		<i>For >100, Deduct</i>	-42.55	
10 51 26 00-0037	EA	12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	328.74	25.31
		<i>For >50 To 100, Deduct</i>	-27.81	
		<i>For >100, Deduct</i>	-43.24	
10 51 26 00-0038	EA	12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	335.65	25.31
		<i>For >50 To 100, Deduct</i>	-28.50	
		<i>For >100, Deduct</i>	-44.27	
10 51 26 00-0039	EA	15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	333.35	25.31
		<i>For >50 To 100, Deduct</i>	-28.27	
		<i>For >100, Deduct</i>	-43.93	
10 51 26 00-0040	EA	15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	345.65	25.31
		<i>For >50 To 100, Deduct</i>	-29.50	
		<i>For >100, Deduct</i>	-45.77	
10 51 26 00-0041	EA	15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	374.84	25.31
		<i>For >50 To 100, Deduct</i>	-32.42	
		<i>For >100, Deduct</i>	-50.15	
10 51 26 00-0042	EA	18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	336.43	25.31
		<i>For >50 To 100, Deduct</i>	-28.58	
		<i>For >100, Deduct</i>	-44.39	
10 51 26 00-0043	EA	18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	351.30	25.31
		<i>For >50 To 100, Deduct</i>	-30.07	
		<i>For >100, Deduct</i>	-46.62	
10 51 26 00-0044	EA	18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®)	377.92	25.31
		<i>For >50 To 100, Deduct</i>	-32.73	
		<i>For >100, Deduct</i>	-50.61	
10 51 26 00-0045	EA	12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	334.71	25.31
		<i>For >50 To 100, Deduct</i>	-28.41	
		<i>For >100, Deduct</i>	-44.13	
10 51 26 00-0046	EA	12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	358.77	25.31
		<i>For >50 To 100, Deduct</i>	-30.82	
		<i>For >100, Deduct</i>	-47.74	
10 51 26 00-0047	EA	12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	365.65	25.31
		<i>For >50 To 100, Deduct</i>	-31.50	
		<i>For >100, Deduct</i>	-48.77	
10 51 26 00-0048	EA	15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	362.80	25.31
		<i>For >50 To 100, Deduct</i>	-31.22	
		<i>For >100, Deduct</i>	-48.35	
10 51 26 00-0049	EA	15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	378.74	25.31
		<i>For >50 To 100, Deduct</i>	-32.81	
		<i>For >100, Deduct</i>	-50.74	
10 51 26 00-0050	EA	18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	381.86	25.31
		<i>For >50 To 100, Deduct</i>	-33.12	
		<i>For >100, Deduct</i>	-51.20	
10 51 26 00-0051	EA	18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	398.73	25.31
		<i>For >50 To 100, Deduct</i>	-34.81	
		<i>For >100, Deduct</i>	-53.74	
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®)	415.59	25.31
		<i>For >50 To 100, Deduct</i>	-36.50	
		<i>For >100, Deduct</i>	-56.26	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	385.26	26.09
		<i>For >50 To 100, Deduct</i>	-33.31	
		<i>For >100, Deduct</i>	-51.53	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	402.12	26.09
		<i>For >50 To 100, Deduct</i>	-34.99	
		<i>For >100, Deduct</i>	-54.05	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	410.91	26.09
		<i>For >50 To 100, Deduct</i>	-35.87	
		<i>For >100, Deduct</i>	-55.37	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	407.15	26.09
		<i>For >50 To 100, Deduct</i>	-35.50	
		<i>For >100, Deduct</i>	-54.81	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	424.94	26.09
		<i>For >50 To 100, Deduct</i>	-37.27	
		<i>For >100, Deduct</i>	-57.48	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	442.72	26.09
		<i>For >50 To 100, Deduct</i>	-39.05	
		<i>For >100, Deduct</i>	-60.14	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	410.33	26.09
		<i>For >50 To 100, Deduct</i>	-35.81	
		<i>For >100, Deduct</i>	-55.29	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	447.74	26.09
		<i>For >50 To 100, Deduct</i>	-39.55	
		<i>For >100, Deduct</i>	-60.90	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®)	466.41	26.09
		<i>For >50 To 100, Deduct</i>	-41.42	
		<i>For >100, Deduct</i>	-63.70	

10 51 26 00-0062 Triple Tier Solid Plastic Lockers (10 51 26 00-0001)

Note: Includes one double hook per tier.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0063	EA		12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	319.95	26.09
			For >50 To 100, Deduct	-26.78	
			For >100, Deduct	-41.73	
10 51 26 00-0064	EA		15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	332.60	26.09
			For >50 To 100, Deduct	-28.04	
			For >100, Deduct	-43.63	
10 51 26 00-0065	EA		15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	344.20	26.09
			For >50 To 100, Deduct	-29.20	
			For >100, Deduct	-45.37	
10 51 26 00-0066	EA		12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	346.45	26.09
			For >50 To 100, Deduct	-29.43	
			For >100, Deduct	-45.70	
10 51 26 00-0067	EA		12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	373.49	26.09
			For >50 To 100, Deduct	-32.13	
			For >100, Deduct	-49.76	
10 51 26 00-0068	EA		12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	373.62	26.09
			For >50 To 100, Deduct	-32.14	
			For >100, Deduct	-49.78	
10 51 26 00-0069	EA		15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	388.37	26.09
			For >50 To 100, Deduct	-33.62	
			For >100, Deduct	-51.99	
10 51 26 00-0070	EA		15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	403.18	26.09
			For >50 To 100, Deduct	-35.10	
			For >100, Deduct	-54.21	
10 51 26 00-0071	EA		15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	417.99	26.09
			For >50 To 100, Deduct	-36.58	
			For >100, Deduct	-56.43	
10 51 26 00-0072	EA		18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	406.08	26.09
			For >50 To 100, Deduct	-35.39	
			For >100, Deduct	-54.65	
10 51 26 00-0073	EA		18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	421.74	26.09
			For >50 To 100, Deduct	-36.95	
			For >100, Deduct	-57.00	
10 51 26 00-0074	EA		18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	437.39	26.09
			For >50 To 100, Deduct	-38.52	
			For >100, Deduct	-59.34	
10 51 26 00-0075	EA		12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	409.34	26.89
			For >50 To 100, Deduct	-35.56	
			For >100, Deduct	-54.95	
10 51 26 00-0076	EA		12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	425.01	26.89
			For >50 To 100, Deduct	-37.12	
			For >100, Deduct	-57.30	
10 51 26 00-0077	EA		12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	436.00	26.89
			For >50 To 100, Deduct	-38.22	
			For >100, Deduct	-58.95	
10 51 26 00-0078	EA		15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	429.67	26.89
			For >50 To 100, Deduct	-37.59	
			For >100, Deduct	-58.00	
10 51 26 00-0079	EA		15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	434.64	26.89
			For >50 To 100, Deduct	-38.09	
			For >100, Deduct	-58.74	
10 51 26 00-0080	EA		15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	452.53	26.89
			For >50 To 100, Deduct	-39.88	
			For >100, Deduct	-61.43	
10 51 26 00-0081	EA		18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	422.56	26.89
			For >50 To 100, Deduct	-36.88	
			For >100, Deduct	-56.93	
10 51 26 00-0082	EA		18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	458.94	26.89
			For >50 To 100, Deduct	-40.52	
			For >100, Deduct	-62.39	
10 51 26 00-0083	EA		18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	484.70	26.89
			For >50 To 100, Deduct	-43.09	
			For >100, Deduct	-66.25	
10 51 26 00-0084			Four Tier Solid Plastic Lockers (10 51 26 00-0001)		
10 51 26 00-0085	EA		12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	369.55	26.89
			For >50 To 100, Deduct	-31.58	
			For >100, Deduct	-48.98	
10 51 26 00-0086	EA		12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	379.82	26.89
			For >50 To 100, Deduct	-32.60	
			For >100, Deduct	-50.52	
10 51 26 00-0087	EA		12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	398.75	26.89
			For >50 To 100, Deduct	-34.50	
			For >100, Deduct	-53.36	
10 51 26 00-0088	EA		15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	396.44	26.89
			For >50 To 100, Deduct	-34.27	
			For >100, Deduct	-53.01	
10 51 26 00-0089	EA		15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	420.96	26.89
			For >50 To 100, Deduct	-36.72	
			For >100, Deduct	-56.69	
10 51 26 00-0090	EA		15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	428.70	26.89
			For >50 To 100, Deduct	-37.49	
			For >100, Deduct	-57.85	
10 51 26 00-0091	EA		18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	424.86	26.89
			For >50 To 100, Deduct	-37.11	
			For >100, Deduct	-57.28	
10 51 26 00-0092	EA		18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	437.92	26.89
			For >50 To 100, Deduct	-38.41	
			For >100, Deduct	-59.23	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 51 26 00-0093	EA	18" x 18" x 60"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	475.58	26.89
			<i>For >50 To 100, Deduct</i>	-42.18	
			<i>For >100, Deduct</i>	-64.88	
10 51 26 00-0094	EA	12" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	423.33	27.69
			<i>For >50 To 100, Deduct</i>	-36.80	
			<i>For >100, Deduct</i>	-56.86	
10 51 26 00-0095	EA	12" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	441.54	27.69
			<i>For >50 To 100, Deduct</i>	-38.62	
			<i>For >100, Deduct</i>	-59.59	
10 51 26 00-0096	EA	12" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	443.91	27.69
			<i>For >50 To 100, Deduct</i>	-38.86	
			<i>For >100, Deduct</i>	-59.94	
10 51 26 00-0097	EA	15" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	466.86	27.69
			<i>For >50 To 100, Deduct</i>	-41.15	
			<i>For >100, Deduct</i>	-63.39	
10 51 26 00-0098	EA	15" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	445.62	27.69
			<i>For >50 To 100, Deduct</i>	-39.03	
			<i>For >100, Deduct</i>	-60.20	
10 51 26 00-0099	EA	15" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	464.86	27.69
			<i>For >50 To 100, Deduct</i>	-40.95	
			<i>For >100, Deduct</i>	-63.09	
10 51 26 00-0100	EA	18" x 12" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	444.89	27.69
			<i>For >50 To 100, Deduct</i>	-38.95	
			<i>For >100, Deduct</i>	-60.09	
10 51 26 00-0101	EA	18" x 15" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	467.94	27.69
			<i>For >50 To 100, Deduct</i>	-41.26	
			<i>For >100, Deduct</i>	-63.55	
10 51 26 00-0102	EA	18" x 18" x 72"	Four Tier Solid Plastic Locker (Tufftec Lockers®)	502.47	27.69
			<i>For >50 To 100, Deduct</i>	-44.71	
			<i>For >100, Deduct</i>	-68.73	
10 51 26 00-0103			Five Tier Solid Plastic Lockers <small>(10 51 26 00-0001)</small>		
10 51 26 00-0104	EA	12" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	400.65	27.28
			<i>For >50 To 100, Deduct</i>	-34.61	
			<i>For >100, Deduct</i>	-53.55	
10 51 26 00-0105	EA	12" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	413.36	27.28
			<i>For >50 To 100, Deduct</i>	-35.88	
			<i>For >100, Deduct</i>	-55.45	
10 51 26 00-0106	EA	12" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	426.08	27.28
			<i>For >50 To 100, Deduct</i>	-37.15	
			<i>For >100, Deduct</i>	-57.36	
10 51 26 00-0107	EA	15" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	417.98	27.28
			<i>For >50 To 100, Deduct</i>	-36.34	
			<i>For >100, Deduct</i>	-56.15	
10 51 26 00-0108	EA	15" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	440.76	27.28
			<i>For >50 To 100, Deduct</i>	-38.62	
			<i>For >100, Deduct</i>	-59.56	
10 51 26 00-0109	EA	15" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	451.78	27.28
			<i>For >50 To 100, Deduct</i>	-39.72	
			<i>For >100, Deduct</i>	-61.22	
10 51 26 00-0110	EA	18" x 12" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	447.94	27.28
			<i>For >50 To 100, Deduct</i>	-39.34	
			<i>For >100, Deduct</i>	-60.64	
10 51 26 00-0111	EA	18" x 15" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	460.24	27.28
			<i>For >50 To 100, Deduct</i>	-40.57	
			<i>For >100, Deduct</i>	-62.49	
10 51 26 00-0112	EA	18" x 18" x 60"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	500.19	27.28
			<i>For >50 To 100, Deduct</i>	-44.56	
			<i>For >100, Deduct</i>	-68.48	
10 51 26 00-0113	EA	12" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	436.00	28.08
			<i>For >50 To 100, Deduct</i>	-37.98	
			<i>For >100, Deduct</i>	-58.66	
10 51 26 00-0114	EA	12" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	450.26	28.08
			<i>For >50 To 100, Deduct</i>	-39.41	
			<i>For >100, Deduct</i>	-60.80	
10 51 26 00-0115	EA	12" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	464.50	28.08
			<i>For >50 To 100, Deduct</i>	-40.83	
			<i>For >100, Deduct</i>	-62.94	
10 51 26 00-0116	EA	15" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	459.52	28.08
			<i>For >50 To 100, Deduct</i>	-40.34	
			<i>For >100, Deduct</i>	-62.19	
10 51 26 00-0117	EA	15" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	469.54	28.08
			<i>For >50 To 100, Deduct</i>	-41.34	
			<i>For >100, Deduct</i>	-63.69	
10 51 26 00-0118	EA	15" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	484.56	28.08
			<i>For >50 To 100, Deduct</i>	-42.84	
			<i>For >100, Deduct</i>	-65.94	
10 51 26 00-0119	EA	18" x 12" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	473.02	28.08
			<i>For >50 To 100, Deduct</i>	-41.69	
			<i>For >100, Deduct</i>	-64.21	
10 51 26 00-0120	EA	18" x 15" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	490.24	28.08
			<i>For >50 To 100, Deduct</i>	-43.41	
			<i>For >100, Deduct</i>	-66.80	
10 51 26 00-0121	EA	18" x 18" x 72"	Five Tier Solid Plastic Locker (Tufftec Lockers®)	510.22	28.08
			<i>For >50 To 100, Deduct</i>	-45.41	
			<i>For >100, Deduct</i>	-69.79	

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

10 51 26 00-0122	Six Tier Solid Plastic Lockers (10 51 26 00-0001)				
10 51 26 00-0123	EA	15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®)	459.54	27.69	
		For >50 To 100, Deduct	-40.42		
		For >100, Deduct	-62.29		
10 51 26 00-0124	EA	12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	451.82	28.47	
		For >50 To 100, Deduct	-39.49		
		For >100, Deduct	-60.94		
10 51 26 00-0125	EA	12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	466.06	28.47	
		For >50 To 100, Deduct	-40.91		
		For >100, Deduct	-63.08		
10 51 26 00-0126	EA	12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	475.56	28.47	
		For >50 To 100, Deduct	-41.86		
		For >100, Deduct	-64.50		
10 51 26 00-0127	EA	15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	494.55	28.47	
		For >50 To 100, Deduct	-43.76		
		For >100, Deduct	-67.35		
10 51 26 00-0128	EA	15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	500.09	28.47	
		For >50 To 100, Deduct	-44.32		
		For >100, Deduct	-68.18		
10 51 26 00-0129	EA	15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	504.05	28.47	
		For >50 To 100, Deduct	-44.71		
		For >100, Deduct	-68.77		
10 51 26 00-0130	EA	18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	505.63	28.47	
		For >50 To 100, Deduct	-44.87		
		For >100, Deduct	-69.01		
10 51 26 00-0131	EA	18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	523.04	28.47	
		For >50 To 100, Deduct	-46.61		
		For >100, Deduct	-71.62		
10 51 26 00-0132	EA	18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®)	545.99	28.47	
		For >50 To 100, Deduct	-48.91		
		For >100, Deduct	-75.07		

10 51 26 00-0133	Solid Plastic Locker Accessories (10 51 26 00-0001)				
10 51 26 00-0134	Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)				
	Note: Price per frame.				
10 51 26 00-0135	EA	Slope Top For Solid Plastic Lockers (Tufftec Lockers®)	22.77		

10 51 26 00-0136	Recessed Bases For Solid Plastic Lockers (10 51 26 00-0133)				
	Note: Price per frame.				
10 51 26 00-0137	EA	Recessed Base For Solid Plastic Lockers (Tufftec Lockers®)	24.82		

10 51 26 00-0138	End Panels For Solid Plastic Lockers (10 51 26 00-0133)				
	Note: Price per frame.				
10 51 26 00-0139	EA	End Panel For Solid Plastic Lockers (Tufftec Lockers®)	54.62		

10 51 26 00-0140	Venting Options For Solid Plastic Locker Doors (10 51 26 00-0133)				
	Note: Price per frame.				
10 51 26 00-0141	EA	Horizontal Venting Option For Solid Plastic Locker Doors	20.55		

10 51 26 00-0142	Filler Panels For Solid Plastic Lockers (10 51 26 00-0133)				
10 51 26 00-0143	EA	Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®)	60.87		
	Note: Full locker height. Width and height cut to size in the field.				

10 51 26 00-0144	Locker Accessories For Solid Plastic Lockers (10 51 26 00-0133)				
10 51 26 00-0145	EA	Built In Hasp For Solid Plastic Lockers	5.13		
	Note: For removable padlocks. Excludes padlock.				
10 51 26 00-0146	EA	Built In Combination Lock For Solid Plastic Lockers	15.41		
10 51 26 00-0147	EA	Built In Key Lock For Solid Plastic Lockers	20.55		

10 51 53	Locker Room Benches (10 51)				
10 51 53 00-0001	LF	Hardwood Bench With Aluminum Pedestals	64.71	3.95	
10 51 53 00-0002	LF	Hardwood Bench With Painted Steel Pedestals	51.84	3.95	
10 51 53 00-0003	LF	Plastic Laminated Bench With Steel Pedestals	78.70	3.95	
10 51 53 00-0004	LF	Solid Plastic Bench With Steel Pedestals	75.25	3.95	
10 51 53 00-0005	LF	Aluminum Bench With Aluminum Pedestals	58.67	3.95	

10 56	Storage Assemblies (10 50)				
10 56 13	Metal Storage Shelving (10 56)				
10 56 13 16	Post-And-Shelf Metal Storage Shelving (10 56 13)				
10 56 13 16-0001	Baked Enamel Steel Shelving (10 56 13 16)				
10 56 13 16-0002	7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type (10 56 13 16-0001)				
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf	110.29	17.42	
		For >75" To 87" High, Add	9.49		

10 Specialties
10 50 Storage Specialties
10 56 Storage Assemblies

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 13 16-0004	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf <i>For >75" To 87" High, Add</i>	110.68 9.44	18.30
10 56 13 16-0005	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf <i>For >75" To 87" High, Add</i>	106.77 8.91	20.04
10 56 13 16-0006	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf <i>For >75" To 87" High, Add</i>	135.01 11.62	21.78
10 56 13 16-0007	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf <i>For >75" To 87" High, Add</i>	151.17 13.10	22.65
10 56 13 16-0008	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf <i>For >75" To 87" High, Add</i>	146.07 12.47	24.39
10 56 13 16-0009	LF		75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf <i>For >75" To 87" High, Add</i>	162.09 13.94	26.13
10 56 13 16-0010			3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed <small>(10 56 13 16-0001)</small> Note: Adjustable shelves.		
10 56 13 16-0011	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	78.71	8.89
10 56 13 16-0012	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	77.97	9.49
10 56 13 16-0013	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	87.51	10.11
10 56 13 16-0014	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	91.04	10.72
10 56 13 16-0015	LF		32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	104.74	11.41
10 56 13 16-0016			4 Shelf Unit, 40" High Unit <small>(10 56 13 16-0001)</small>		
10 56 13 16-0017	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	92.38	17.42
10 56 13 16-0018	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	75.71	18.30
10 56 13 16-0019	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	86.68	20.04
10 56 13 16-0020	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	91.38	21.78
10 56 13 16-0021	LF		40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	104.21	22.65
10 56 16			Fabricated Wood Storage Shelving <small>(10 56)</small>		
10 56 16 00-0001			Shelving <small>(10 56 16)</small>		
10 56 16 00-0002			Built-In Wood Shelving <small>(10 56 16 00-0001)</small> Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003	SF		Built-in Wood Storage Shelving Post And Trimmed Plywood	14.17	1.99
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	
10 56 16 00-0004	SF		Built-in Wood Storage Shelving Post And Solid Clear Pine	15.26	2.40
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	
10 56 16 00-0005	SF		Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod.....	15.41	3.99
			<i>For Each SF Of Lumber Edge Band, Add</i>	0.69	
			<i>For Each SF Of Prefinished Shelves, Add</i>	2.32	
10 56 16 00-0006			Wood Shelving, White Pine, Clear Grade, Wall Mounted <small>(10 56 16 00-0001)</small>		
10 56 16 00-0007	LF		1" x 8" White Pine Clear Grade Wood Shelving.....	12.13	4.79
10 56 16 00-0008	LF		1" x 10" White Pine Clear Grade Wood Shelving.....	13.24	5.11
10 56 16 00-0009	LF		1" x 12" White Pine Clear Grade Wood Shelving.....	14.48	5.50
10 56 16 00-0010	SF		Wood Shelving, 2" White Pine Clear Grade.....	18.37	
10 56 16 00-0011			Plywood Shelf With Edge Band <small>(10 56 16 00-0001)</small>		
10 56 16 00-0012	LF		3/4" Plywood Shelf, 12" Wide With Edge Band.....	14.10	4.79
10 56 16 00-0013	LF		3/4" Plywood Shelf, 24" Wide With Edge Band.....	20.96	5.98
10 56 16 00-0014			Adjustable Shelf And Rod <small>(10 56 16 00-0001)</small>		
10 56 16 00-0015	EA		12" Wide Adjustable Shelf, 3' To 6' Long Including Rod	108.16	17.95
10 56 16 00-0016	EA		12" Wide Adjustable Shelf, 5' To 8' Long Including Rod	129.49	23.93
10 56 16 00-0017			Prefinished Wood Shelves With Brackets And Supports <small>(10 56 16 00-0001)</small>		
10 56 16 00-0018	LF		Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	12.65	4.79
10 56 16 00-0019	LF		Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	13.71	5.11
10 56 16 00-0020	SF		Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	43.24	7.98
10 56 16 00-0021			Wood Shelving, Oak, Clear Grade, Wall Mounted <small>(10 56 16 00-0001)</small>		
10 56 16 00-0022	LF		Wood Shelving, 1" X 8" Oak Clear Grade.....	13.87	7.50
10 56 17			Wall-Mounted Standards and Shelving <small>(10 56)</small>		
10 56 17 00-0001			Galvanized Steel, Wall Mounted Solid Shelving <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF		8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	48.81	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0003	LF		10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	50.40	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0004	LF		12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	54.09	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0005	LF		16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	58.86	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0006	LF		18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	60.04	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0007	LF		24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	70.26	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0008			304 Stainless Steel, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF		8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	77.78	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0010	LF		10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	85.01	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0011	LF		12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	92.28	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0012	LF		16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	108.98	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0013	LF		18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	118.87	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0014	LF		24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	133.15	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0015			Laminated Particleboard, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	33.77	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0017	LF		10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	34.84	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0018	LF		12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	36.15	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0019	LF		16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	38.04	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0020	LF		18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	40.33	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0021	LF		24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	46.48	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0022			Chrome Plated Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF		14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	47.80	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0024	LF		18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	53.37	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0025			Stainless Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF		14" Depth, Stainless Steel, Wall Mounted Wire Shelving.....	108.30	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0027	LF		18" Depth, Stainless Steel, Wall Mounted Wire Shelving.....	112.57	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.03	
			<i>For Installation On Concrete Block Walls, Add</i>	2.58	
10 56 17 00-0028			Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF		8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	36.92	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.92	
			<i>For Installation On Concrete Block Walls, Add</i>	3.47	
10 56 17 00-0030	LF		10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	37.76	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.94	
			<i>For Installation On Concrete Block Walls, Add</i>	3.49	
10 56 17 00-0031	LF		12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	38.33	7.91
			<i>For Installation On Concrete Walls, Add</i>	2.97	
			<i>For Installation On Concrete Block Walls, Add</i>	3.52	

10 Specialties**10 50 Storage Specialties****10 56 Storage Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	40.25	7.91
		<i>For Installation On Concrete Walls, Add</i>	3.01	
		<i>For Installation On Concrete Block Walls, Add</i>	3.56	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	41.23	7.91
		<i>For Installation On Concrete Walls, Add</i>	3.04	
		<i>For Installation On Concrete Block Walls, Add</i>	3.59	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	44.15	7.91
		<i>For Installation On Concrete Walls, Add</i>	3.11	
		<i>For Installation On Concrete Block Walls, Add</i>	3.66	

10 56 17 00-0035 Wall Mounted Shelving Accessories (10 56 17)

10 56 17 00-0036	LF	Remove And Reinstall Single Shelf Metal Storage Shelving Unit.....	28.51	
------------------	----	--	-------	--

10 57 Wardrobe And Closet Specialties (10 50)**10 57 13 Hat And Coat Racks (10 57)****10 57 13 00-0001 Hat And Coat Rack (10 57 13)****10 57 13 00-0002 Single Tier (10 57 13 00-0001)**

10 57 13 00-0003	LF	Single Tier Hat And Coat Rack Baked Enameled Steel.....	49.21	3.95
		<i>For Custom Made Units, Add</i>	23.24	
10 57 13 00-0004	LF	Single Tier Hat And Coat Rack Stainless Steel.....	34.41	3.95
		<i>For Custom Made Units, Add</i>	14.36	
10 57 13 00-0005	LF	Single Tier Hat And Coat Rack Aluminum.....	48.32	3.95
		<i>For Custom Made Units, Add</i>	22.70	

10 57 13 00-0006 Double Tier (10 57 13 00-0001)

10 57 13 00-0007	LF	Double Tier Hat And Coat Rack Baked Enameled Steel.....	66.17	3.95
		<i>For Custom Made Units, Add</i>	31.93	
10 57 13 00-0008	LF	Double Tier Hat And Coat Rack Stainless Steel.....	38.66	3.95
		<i>For Custom Made Units, Add</i>	15.42	
10 57 13 00-0009	LF	Double Tier Hat And Coat Rack Aluminum.....	77.57	3.95
		<i>For Custom Made Units, Add</i>	38.77	

10 57 43 Wardrobe Units (10 57)**10 57 43 00-0001 Dormitory Wardrobe Units (10 57 43)**

10 57 43 00-0002	EA	24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door.....	1,138.73	146.47
		<i>For Custom Made Units, Add</i>	580.72	
10 57 43 00-0003	EA	24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door.....	890.28	146.47
		<i>For Custom Made Units, Add</i>	431.65	

10 57 43 00-0004 Hospital Wardrobe Units 24" x 24" x 76" With Door (10 57 43)

10 57 43 00-0005	EA	Baked Enamel Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door.....	831.00	146.47
		<i>For Custom Made Units, Add</i>	396.08	
10 57 43 00-0006	EA	Hardwood Hospital Wardrobe 24" x 24" x 76" Unit With Door.....	797.32	146.47
		<i>For Custom Made Units, Add</i>	375.87	
10 57 43 00-0007	EA	Stainless Steel Hospital Wardrobe 24" x 24" x 76" Unit With Door.....	915.64	146.47
		<i>For Custom Made Units, Add</i>	446.87	
10 57 43 00-0008	EA	Plastic Laminate Hospital Wardrobe 24" x 24" x 76" Unit With Door.....	1,055.43	146.47
		<i>For Custom Made Units, Add</i>	530.74	

10 70 Exterior Specialties (10)**10 71 Exterior Protection (10 70)****10 71 13 Exterior Sun Control Devices (10 71)****10 71 13 13 Exterior Shutters (10 71 13)****10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished (10 71 13 13)****10 71 13 13-0002 Louvered Decorative Shutters (10 71 13 13-0001)**

10 71 13 13-0003	PR	15" x 25" Louvered Shutter, High Impact Resistant Plastic.....	60.98	23.93
		<i>For Colored Finish, Add</i>	5.23	
10 71 13 13-0004	PR	15" x 31" Louvered Shutter, High Impact Resistant Plastic.....	65.71	25.13
		<i>For Colored Finish, Add</i>	5.80	
10 71 13 13-0005	PR	15" x 36" Louvered Shutter, High Impact Resistant Plastic.....	70.45	26.33
		<i>For Colored Finish, Add</i>	6.36	
10 71 13 13-0006	PR	15" x 39" Louvered Shutter, High Impact Resistant Plastic.....	74.83	27.52
		<i>For Colored Finish, Add</i>	6.86	
10 71 13 13-0007	PR	15" x 43" Louvered Shutter, High Impact Resistant Plastic.....	79.70	28.72
		<i>For Colored Finish, Add</i>	7.45	
10 71 13 13-0008	PR	15" x 48" Louvered Shutter, High Impact Resistant Plastic.....	84.76	29.91
		<i>For Colored Finish, Add</i>	8.08	
10 71 13 13-0009	PR	15" x 52" Louvered Shutter, High Impact Resistant Plastic.....	88.40	31.11
		<i>For Colored Finish, Add</i>	8.45	
10 71 13 13-0010	PR	15" x 55" Louvered Shutter, High Impact Resistant Plastic.....	92.37	32.31
		<i>For Colored Finish, Add</i>	8.87	
10 71 13 13-0011	PR	15" x 60" Louvered Shutter, High Impact Resistant Plastic.....	97.50	33.51
		<i>For Colored Finish, Add</i>	9.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0012	PR		15" x 64" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	104.15 10.42	34.70
10 71 13 13-0013	PR		15" x 67" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	107.64 10.76	35.89
10 71 13 13-0014	PR		15" x 72" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	115.83 11.95	37.09
10 71 13 13-0015	PR		15" x 75" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	119.28 12.28	38.29
10 71 13 13-0016	PR		15" x 80" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	125.17 13.05	39.49
10 71 13 13-0017 Raised Panel Decorative Shutters (10 71 13 13-0001)					
10 71 13 13-0018	PR		15" x 35" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	82.16 8.47	26.33
10 71 13 13-0019	PR		15" x 39" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	87.72 9.18	27.52
10 71 13 13-0020	PR		15" x 43" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	91.57 9.59	28.72
10 71 13 13-0021	PR		15" x 47" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	97.27 10.33	29.91
10 71 13 13-0022	PR		15" x 51" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	102.25 10.94	31.11
10 71 13 13-0023	PR		15" x 55" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	106.98 11.50	32.31
10 71 13 13-0024	PR		15" x 59" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	113.18 12.33	33.51
10 71 13 13-0025	PR		15" x 63" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	121.17 13.48	34.70
10 71 13 13-0026	PR		15" x 67" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	126.97 14.24	35.89
10 71 13 13-0027	PR		15" x 71" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	133.40 15.11	37.09
10 71 13 13-0028	PR		15" x 75" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	135.93 15.28	38.29
10 71 13 13-0029	PR		15" x 81" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	140.73 15.85	39.49
10 71 13 13-0030 Exterior Spanish Cedar Shutters (10 71 13 13)					
10 71 13 13-0031 12" Width (10 71 13 13-0030)					
10 71 13 13-0032	PR		12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	331.51 150.00	23.93
10 71 13 13-0033	PR		12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	358.20 150.00	26.33
10 71 13 13-0034	PR		12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	383.30 150.00	27.52
10 71 13 13-0035	PR		12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	409.98 150.00	29.91
10 71 13 13-0036	PR		12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	435.08 150.00	31.11
10 71 13 13-0037	PR		12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	463.72 150.00	33.51
10 71 13 13-0038	PR		12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	488.82 150.00	34.70
10 71 13 13-0039	PR		12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	513.92 150.00	35.89
10 71 13 13-0040	PR		12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	540.61 150.00	38.29
10 71 13 13-0041 14" Width (10 71 13 13-0030)					
10 71 13 13-0042	PR		14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	351.10 150.00	23.93
10 71 13 13-0043	PR		14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	381.70 150.00	26.33
10 71 13 13-0044	PR		14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	410.72 150.00	27.52
10 71 13 13-0045	PR		14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	441.31 150.00	29.91
10 71 13 13-0046	PR		14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	470.33 150.00	31.11
10 71 13 13-0047	PR		14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	500.93 150.00	33.51
10 71 13 13-0048	PR		14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	529.95 150.00	34.70
10 71 13 13-0049	PR		14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	557.00 150.00	35.89
10 71 13 13-0050	PR		14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	587.61 150.00	38.29
10 71 13 13-0051 16" Width (10 71 13 13-0030)					
10 71 13 13-0052	PR		16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	372.64 150.00	23.93
10 71 13 13-0053	PR		16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	405.20 150.00	26.33

10 Specialties
10 70 Exterior Specialties
10 71 Exterior Protection

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 71 13 13-0054	PR	16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	438.13	27.52
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0055	PR	16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	470.68	29.91
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0056	PR	16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	503.62	31.11
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0057	PR	16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	538.14	33.51
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0058	PR	16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	569.11	34.70
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0059	PR	16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	602.04	35.89
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0060	PR	16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	636.56	38.29
		<i>For Arched Tops, Add</i>	150.00	

10 71 13 13-0061 18" Width (10 71 13 13-0030)

10 71 13 13-0062	PR	18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	392.22	23.93
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0063	PR	18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	428.70	26.33
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0064	PR	18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	465.55	27.52
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0065	PR	18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	502.02	29.91
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0066	PR	18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	536.90	31.11
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0067	PR	18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	575.34	33.51
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0068	PR	18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	610.22	34.70
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0069	PR	18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	647.08	35.89
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0070	PR	18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	683.56	38.29
		<i>For Arched Tops, Add</i>	150.00	

10 71 13 13-0071 20" Width (10 71 13 13-0030)

10 71 13 13-0072	PR	20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter	411.80	23.93
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0073	PR	20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter	452.20	26.33
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0074	PR	20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter	491.00	27.52
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0075	PR	20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter	533.35	29.91
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0076	PR	20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter	572.15	31.11
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0077	PR	20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter	612.55	33.51
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0078	PR	20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter	651.35	34.70
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0079	PR	20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter	690.16	35.89
		<i>For Arched Tops, Add</i>	150.00	
10 71 13 13-0080	PR	20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter	730.56	38.29
		<i>For Arched Tops, Add</i>	150.00	

10 73 Protective Covers (10 70)

10 73 13 Awnings (10 73)

10 73 13 00-0001 Metal Awnings (10 73 13)

Note: Includes metal cover, frame supports and anchoring.

10 73 13 00-0002	SF	Ribbed Aluminum Window Awnings, Clear Weather Resistant Finish	30.09	6.78
10 73 13 00-0003	SF	Ribbed Aluminum Window Awning, Baked Enamel Finish	26.74	6.07
10 73 13 00-0004	SF	Flat Roofed Steel Awning (Per SF Of Covered Area)	72.45	7.05
10 73 13 00-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	75.02	7.92

10 73 13 00-0006 Canvas Awnings (10 73 13)

Note: Includes minimum 12 oz. canvas, frame supports and anchoring.

10 73 13 00-0007	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	26.85	5.28
10 73 13 00-0008	SF	Side Protection Canvas For Walkways	14.42	1.70
10 73 13 00-0009	SF	Replacement Canvas For Awnings	15.80	

Note: Includes removal of existing canvas cover.

0.47

For 18 Oz. Vinyl Laminated Polyester Cover, Add

10 73 16 Canopies (10 73)

10 73 16 00-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished (10 73 16)

Note: Includes cover, frame supports and anchoring.

10 73 16 00-0002	EA	8' x 10' Canopy, Aluminum, Wall Hung	2,599.82	357.09
10 73 16 00-0003	EA	8' x 20' Canopy, Aluminum, Wall Hung	4,637.13	571.48
10 73 16 00-0004	EA	10' x 10' Canopy, Aluminum, Wall Hung	3,214.90	446.80
10 73 16 00-0005	EA	10' x 20' Canopy, Aluminum, Wall Hung	5,442.71	597.46

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

10 73 26 Walkway Coverings (10 73)

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 00-0001 Steel Walkway/Parking Covers (10 73 26)

Note: Factory applied polyester finish.

10 73 26 00-0002 SF Flat Roofed Steel Walkway/Parking Cover	37.57	5.25
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	10.82	
For Wind Load (140 MPH), Add	13.53	
10 73 26 00-0003 SF Arch Roofed Steel Walkway/Parking Cover.....	40.06	5.66
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	11.50	
For Wind Load (140 MPH), Add	14.37	

10 73 26 00-0004 Aluminum Walkway/Parking Covers (10 73 26)

10 73 26 00-0005 SF Flat Roofed Aluminum Walkway/Parking Cover	24.56	5.25
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	5.62	
For Wind Load (140 MPH), Add	7.02	
10 73 26 00-0006 SF Arch Roofed Aluminum Walkway/Parking Cover	26.64	5.66
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	6.13	
For Wind Load (140 MPH), Add	7.66	

10 75 Flagpoles (10 70)

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles (10 75)

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles (10 75 16)

10 75 16 00-0002 EA 25' Exposed Height, Tapered White Fiberglass Flagpole	2,763.32	611.80
Note: 6" butt diameter, 3" top diameter and 0.180" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	20.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0003 EA 30' Exposed Height, Tapered White Fiberglass Flagpole	3,252.76	667.41
Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	50.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0004 EA 35' Exposed Height, Tapered White Fiberglass Flagpole	4,133.79	778.64
Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	10.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0005 EA 40' Exposed Height, Tapered White Fiberglass Flagpole	4,806.69	890.05
Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	50.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0006 EA 50' Exposed Height, Tapered White Fiberglass Flagpole	9,226.18	1,001.26
Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.		
For Internal Halyard, Winch System, Add	1,700.00	
For Bronze Finish, Add	200.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0007 EA 60' Exposed Height, Tapered White Fiberglass Flagpole	11,013.24	1,112.34
Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.		
For Internal Halyard, Winch System, Add	1,900.00	
For Bronze Finish, Add	160.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0008 EA 70' Exposed Height, Tapered White Fiberglass Flagpole	19,289.68	1,223.94
Note: 16" butt diameter, 7" top diameter and 0.325" wall.		
For Internal Halyard, Winch System, Add	2,860.00	
For Bronze Finish, Add	700.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0009 EA 78' Exposed Height, Tapered White Fiberglass Flagpole	25,116.97	1,334.81
Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.		
For Internal Halyard, Winch System, Add	2,900.00	
For Bronze Finish, Add	900.00	
For Rope Lock Box, Add	96.00	

10 75 16 00-0010 Free Standing Tapered Aluminum Flagpoles (10 75 16)

Note: Heavy duty.

10 75 16 00-0011 EA 20' Exposed Height, Tapered Satin Aluminum Flagpole.....	2,262.85	556.31
Note: 5" butt diameter, 3" top diameter and 0.188" wall.		
For Internal Halyard, Winch System, Add	570.00	
For Clear Anodized Finish, Add	150.00	
For Bronze Anodized Finish, Add	180.00	
For Black Anodized Finish, Add	230.00	
For Rope Lock Box, Add	96.00	

10 Specialties
10 70 Exterior Specialties
10 75 Flagpoles

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0012	EA		25' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	2,711.42 1,100.00 200.00 230.00 320.00 96.00	611.80
10 75 16 00-0013	EA		30' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	3,043.02 1,390.00 240.00 290.00 400.00 96.00	667.41
10 75 16 00-0014	EA		35' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	3,893.48 1,340.00 290.00 360.00 480.00 96.00	778.64
10 75 16 00-0015	EA		40' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	4,954.59 1,490.00 390.00 480.00 660.00 96.00	890.05
10 75 16 00-0016	EA		45' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	5,461.39 1,340.00 400.00 500.00 700.00 96.00	945.63
10 75 16 00-0017	EA		50' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 10" butt diameter, 4" top diameter and 0.188" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	6,904.43 1,380.00 700.00 860.00 1,130.00 96.00	1,001.26
10 75 16 00-0018	EA		60' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	11,896.45 1,800.00 620.00 820.00 1,160.00 96.00	1,112.34
10 75 16 00-0019	EA		70' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.250" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	13,354.62 1,720.00 710.00 950.00 1,360.00 96.00	1,223.94
10 75 16 00-0020	EA		80' Exposed Height, Tapered Satin Aluminum Flagpole..... Note: 12" butt diameter, 4" top diameter and 0.375" wall. For Internal Halyard, Winch System, Add For Clear Anodized Finish, Add For Bronze Anodized Finish, Add For Black Anodized Finish, Add For Rope Lock Box, Add	16,380.42 2,600.00 1,100.00 1,380.00 1,840.00 96.00	1,334.81

10 75 16 00-0021 Flagpole Bases (10 75 16)

10 75 16 00-0022 Flagpole Concrete Base (10 75 16 00-0021)

Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.

10 75 16 00-0023	EA		30' Or Less Flagpole, Poured Concrete Foundation.....	1,049.20	
10 75 16 00-0024	EA		35' Flagpole, Poured Concrete Foundation.....	1,085.86	
10 75 16 00-0025	EA		40' Flagpole, Poured Concrete Foundation.....	1,247.90	
10 75 16 00-0026	EA		45' Flagpole, Poured Concrete Foundation.....	1,320.55	
10 75 16 00-0027	EA		50' Flagpole, Poured Concrete Foundation.....	1,582.87	
10 75 16 00-0028	EA		60' Flagpole, Poured Concrete Foundation.....	1,916.65	
10 75 16 00-0029	EA		70' Flagpole, Poured Concrete Foundation.....	2,271.27	
10 75 16 00-0030	EA		80' Flagpole, Poured Concrete Foundation.....	2,646.03	
10 75 16 00-0031	EA		90' To 100' Flagpole, Poured Concrete Foundation.....	3,091.31	

10 75 16 00-0032 Direct Embedded Flagpole Base (10 75 16 00-0021)

Note: Augured in place, no concrete required.

10 75 16 00-0033	EA		20' To 25' Flagpole, Direct Embedded Pole Base.....	442.59	
10 75 16 00-0034	EA		30' To 40' Flagpole, Direct Embedded Pole Base.....	635.59	
10 75 16 00-0035	EA		45' To 55' Flagpole, Direct Embedded Pole Base.....	708.90	
10 75 16 00-0036	EA		60' To 70' Flagpole, Direct Embedded Pole Base.....	799.50	

10 75 16 00-0037 Flagpole Accessories (10 75 16)

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

10 75 16 00-0038 Flagpole Tops (10 75 16 00-0037)
 Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0039	EA		4" Gold Anodized Aluminum Ball For Top Of Flagpole	91.82	33.63
10 75 16 00-0040	EA		5" Gold Anodized Aluminum Ball For Top Of Flagpole	100.46	35.60
10 75 16 00-0041	EA		6" Gold Anodized Aluminum Ball For Top Of Flagpole	110.27	37.58
10 75 16 00-0042	EA		8" Gold Anodized Aluminum Ball For Top Of Flagpole	139.96	39.56
10 75 16 00-0043	EA		10" Gold Anodized Aluminum Ball For Top Of Flagpole	193.05	41.54
10 75 16 00-0044	EA		12" Gold Anodized Aluminum Ball For Top Of Flagpole	215.74	43.51
10 75 16 00-0045	EA		11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	180.64	43.51
10 75 16 00-0046	EA		15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	215.90	49.45

10 75 16 00-0047 Flagpole Accessories (10 75 16 00-0037)
 Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.

10 75 16 00-0048	LF		5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	0.72	0.06
10 75 16 00-0049	LF		5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles.....	0.37	0.06
10 75 16 00-0050	LF		5/16" Diameter, Nylon Halyard (Rope) For Flagpoles.....	0.29	0.06
10 75 16 00-0051	LF		3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	0.96	0.06
10 75 16 00-0052	EA		Refinish Existing Flagpole Ball.....	255.14	98.86
10 75 16 00-0053	EA		Locking Aluminum Cleat Box For Flagpoles	231.00	59.32
10 75 16 00-0054	EA		Aluminum Cleat For Flagpoles.....	19.02	3.95
10 75 16 00-0055	LF		1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles.....	0.49	0.09

10 75 23 Wall-Mounted Flagpoles (10 75)

10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles (10 75 23)
 Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.

10 75 23 00-0002	EA		14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,525.77	487.95
			For Rope Lock Box, Add	96.00	
10 75 23 00-0003	EA		17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish	1,658.47	536.74
			For Rope Lock Box, Add	96.00	
10 75 23 00-0004	EA		20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	1,779.46	585.53
			For Rope Lock Box, Add	96.00	
10 75 23 00-0005	EA		25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole, Satin Finish.....	2,068.23	683.13
			For Rope Lock Box, Add	96.00	

10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles (10 75 23)
 Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.

10 75 23 00-0007	EA		10' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,212.05	439.15
			For Rope Lock Box, Add	96.00	
10 75 23 00-0008	EA		15' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,239.45	487.95
			For Rope Lock Box, Add	96.00	
10 75 23 00-0009	EA		20' Aluminum Outrigger Flagpole, Wall Mounted, Including Base	2,458.04	585.53
			For Rope Lock Box, Add	96.00	

10 80 Other Specialties (10)

10 81 Pest Control Devices (10 80)

10 81 13 Bird Control Devices (10 81)

10 81 13 00-0001 Stainless Steel Spiked Bird Barrier (10 81 13)
 Note: Stainless steel spikes with flexible polycarbonate base.

10 81 13 00-0002	LF		2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	6.76	0.63
10 81 13 00-0003	LF		4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	7.38	0.63
10 81 13 00-0004	LF		8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System	9.83	0.63

10 81 13 00-0005 Polycarbonate Spiked Bird Barrier (10 81 13)
 Note: Polycarbonate spikes and base.

10 81 13 00-0006	LF		3" Wide Polycarbonate Spikes And Base Bird Deterrent System	5.16	0.63
10 81 13 00-0007	LF		5" Wide Polycarbonate Spikes And Base Bird Deterrent System	6.24	0.63
10 81 13 00-0008	LF		8" Wide Polycarbonate Spikes And Base Bird Deterrent System	7.46	0.63

10 86 Security Mirrors And Domes (10 80)

10 86 00 00-0001 Dome Mirrors (10 86)
 Note: Includes all mounting hardware. Indoor or outdoor applications.

10 86 00 00-0002 Steel Dome Mirrors (10 86 00 00-0001)

10 86 00 00-0003	EA		9" Diameter Full-Dome Steel Dome Mirror	164.03	15.83
10 86 00 00-0004	EA		12" Diameter Full-Dome Steel Dome Mirror	192.10	16.61
10 86 00 00-0005	EA		18" Diameter Full-Dome Steel Dome Mirror	221.73	18.20
10 86 00 00-0006	EA		24" Diameter Full-Dome Steel Dome Mirror	293.98	19.78
10 86 00 00-0007	EA		9" Diameter Half-Dome Steel Dome Mirror	117.68	11.87
10 86 00 00-0008	EA		12" Diameter Half-Dome Steel Dome Mirror	135.37	12.66
10 86 00 00-0009	EA		18" Diameter Half-Dome Steel Dome Mirror	157.79	13.84
10 86 00 00-0010	EA		24" Diameter Half-Dome Steel Dome Mirror.....	217.71	15.03

10 86 00 00-0011 Plexiglas Dome Mirrors (10 86 00 00-0001)

10 86 00 00-0012	EA		18" Diameter Full-Dome Plexiglas Dome Mirror	130.21	18.20
------------------	----	--	--	--------	-------

10 Specialties

10 80 Other Specialties

10 86 Security Mirrors And Domes



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 86 00 00-0013	EA	26" Diameter Full-Dome Plexiglas Dome Mirror	181.16	19.78
10 86 00 00-0014	EA	32" Diameter Full-Dome Plexiglas Dome Mirror	238.14	22.94
10 86 00 00-0015	EA	36" Diameter Full-Dome Plexiglas Dome Mirror	287.92	27.70
10 86 00 00-0016	EA	48" Diameter Full-Dome Plexiglas Dome Mirror	419.88	39.56
10 86 00 00-0017	EA	18" Diameter Half-Dome Plexiglas Dome Mirror	81.00	13.84
10 86 00 00-0018	EA	26" Diameter Half-Dome Plexiglas Dome Mirror	107.54	15.03
10 86 00 00-0019	EA	32" Diameter Half-Dome Plexiglas Dome Mirror	140.61	17.41
10 86 00 00-0020	EA	36" Diameter Half-Dome Plexiglas Dome Mirror	173.17	20.97
10 86 00 00-0021	EA	48" Diameter Half-Dome Plexiglas Dome Mirror	273.46	29.67
10 86 00 00-0022	EA	18" Diameter Quarter-Dome Plexiglas Dome Mirror	53.67	11.87
10 86 00 00-0023	EA	26" Diameter Quarter-Dome Plexiglas Dome Mirror	67.90	13.06
10 86 00 00-0024	EA	32" Diameter Quarter-Dome Plexiglas Dome Mirror	88.11	14.64
10 86 00 00-0025	EA	36" Diameter Quarter-Dome Plexiglas Dome Mirror	109.41	17.41
10 86 00 00-0026	EA	48" Diameter Quarter-Dome Plexiglas Dome Mirror	179.54	24.73

10 86 00 00-0027 Coated Plexiglas Dome Mirrors (10 86 00 00-0001)

10 86 00 00-0028	EA	18" Diameter Full-Dome Coated Plexiglas Dome Mirror	153.81	18.20
10 86 00 00-0029	EA	26" Diameter Full-Dome Coated Plexiglas Dome Mirror	234.11	19.78
10 86 00 00-0030	EA	36" Diameter Full-Dome Coated Plexiglas Dome Mirror	393.83	27.70
10 86 00 00-0031	EA	48" Diameter Full-Dome Coated Plexiglas Dome Mirror	605.22	39.56
10 86 00 00-0032	EA	18" Diameter Half-Dome Coated Plexiglas Dome Mirror	100.80	13.84
10 86 00 00-0033	EA	26" Diameter Half-Dome Coated Plexiglas Dome Mirror	147.48	15.03
10 86 00 00-0034	EA	36" Diameter Half-Dome Coated Plexiglas Dome Mirror	231.88	20.97
10 86 00 00-0035	EA	48" Diameter Half-Dome Coated Plexiglas Dome Mirror	381.68	29.67
10 86 00 00-0036	EA	18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	74.05	11.87
10 86 00 00-0037	EA	26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	102.20	13.06
10 86 00 00-0038	EA	32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	131.39	14.64
10 86 00 00-0039	EA	36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	168.35	17.41
10 86 00 00-0040	EA	48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror	262.42	24.73

10 86 00 00-0041 Circular Convex Security Mirrors (10 86)

Note: Includes all mounting hardware.

10 86 00 00-0042 Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0043	EA	12" Diameter Plexiglas Circular Convex Mirrors, Indoor	57.55	12.66
10 86 00 00-0044	EA	18" Diameter Plexiglas Circular Convex Mirrors, Indoor	73.63	13.84
10 86 00 00-0045	EA	26" Diameter Plexiglas Circular Convex Mirrors, Indoor	108.80	15.03
10 86 00 00-0046	EA	30" Diameter Plexiglas Circular Convex Mirrors, Indoor	135.31	17.41
10 86 00 00-0047	EA	36" Diameter Plexiglas Circular Convex Mirrors, Indoor	178.92	20.97
10 86 00 00-0048	EA	48" Diameter Plexiglas Circular Convex Mirrors, Indoor	312.60	29.67
10 86 00 00-0049	EA	18" Diameter Plexiglas Circular Convex Mirrors, Outdoor	93.09	13.84
10 86 00 00-0050	EA	26" Diameter Plexiglas Circular Convex Mirrors, Outdoor	131.83	15.03
10 86 00 00-0051	EA	36" Diameter Plexiglas Circular Convex Mirrors, Outdoor	188.13	20.97
10 86 00 00-0052	EA	48" Diameter Plexiglas Circular Convex Mirrors, Outdoor	340.23	29.67

10 86 00 00-0053 Coated Plexiglas Circular Convex Mirrors (10 86 00 00-0041)

Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.

10 86 00 00-0054	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	111.05	13.84
10 86 00 00-0055	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	171.66	15.03
10 86 00 00-0056	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	229.36	17.41
10 86 00 00-0057	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	285.98	20.97
10 86 00 00-0058	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor	415.06	29.67
10 86 00 00-0059	EA	18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	132.11	13.84
10 86 00 00-0060	EA	26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	201.59	15.03
10 86 00 00-0061	EA	30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	278.86	17.41
10 86 00 00-0062	EA	36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	315.92	20.97
10 86 00 00-0063	EA	48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor	499.10	29.67

END OF SECTION 10

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

11 Equipment

11 01 Operation And Maintenance Of Equipment⁽¹¹⁾

11 01 10 Operation And Maintenance Of Vehicle And Pedestrian
Equipment^(11 01)

11 01 10 00-0001 Replacement Parking Equipment^(11 01 10)

11 01 10 00-0002	EA	10' Wood Arm Replacement With Bolts.....	314.03
11 01 10 00-0003	EA	12' Wood Arm Replacement With Bolts.....	329.42
11 01 10 00-0004	EA	14' Wood Arm Replacement With Bolts.....	346.85
11 01 10 00-0005	EA	12' Aluminum Arm Replacement With Bolts.....	456.59
11 01 10 00-0006	EA	14' Aluminum Arm Replacement With Bolts.....	473.01
11 01 10 00-0007	EA	16' Aluminum Arm Replacement With Bolts.....	667.45
11 01 10 00-0008	EA	18' Aluminum Arm Replacement With Bolts.....	678.08
11 01 10 00-0009	EA	20' Aluminum Arm Replacement With Bolts.....	697.47
11 01 10 00-0010	EA	22' Aluminum Arm Replacement With Bolts.....	800.99
11 01 10 00-0011	EA	24' Aluminum Arm Replacement With Bolts.....	814.99

11 10 Vehicle And Pedestrian Equipment⁽¹¹⁾

11 12 Parking Control Equipment^(11 10)

11 12 16 Parking Ticket Dispensers^(11 12)

11 12 16 00-0001 Parking Ticket Dispensers^(11 12 16)

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Printer.....	5,389.84	154.99
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer.....	7,180.39	154.99

11 12 23 Parking Meters^(11 12)

11 12 23 00-0001 Parking Meters^(11 12 23)

11 12 23 00-0002	EA	Remove Parking Meter For Replacement Or Reinstall Existing Meter.....	152.67
------------------	----	---	--------

11 12 26 Parking Fee Collection Equipment^(11 12)

11 12 26 00-0001 Parking Fee Collection Equipment^(11 12 26)

11 12 26 00-0002	EA	Multiple Station Slot Box For Parking Fee Collection.....	1,303.15	52.53
------------------	----	---	----------	-------

11 12 33 Parking Gates^(11 12)

11 12 33 13 Lift Arm Parking Gates^(11 12 33)

11 12 33 13-0001 Barrier Parking Gate Operators^(11 12 33 13)

11 12 33 13-0002 Barrier Parking Gate Operators^(11 12 33 13-0001)

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	2,660.81	214.92
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	2,651.81	214.92
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	2,765.81	214.92
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080).....	3,900.06	214.92
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	4,548.14	214.92
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	4,728.14	214.92

11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes

^(11 12 33 13-0001)

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	7,977.19	429.85
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	9,323.16	429.85
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	8,044.69	429.85
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	9,390.66	429.85

11 12 33 13-0014 Barrier Parking Gate Operator Accessories^(11 12 33 13-0001)

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators.....	110.05	17.52
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators.....	101.05	17.52
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators.....	215.05	17.52
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators.....	316.30	17.52

11 Equipment**11 10 Vehicle And Pedestrian Equipment****11 12 Parking Control Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	290.05	17.52
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	290.05	17.52
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	350.05	17.52
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	379.04	105.15
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	379.04	105.15
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	394.96	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	999.39	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	562.99	17.52

Note: Includes mounting plate and hardware. Excludes concrete foundation.

11 12 36 Tire Shredders (11 12)

11 12 36 00-0001		Tire Shredding Traffic Control Spikes (11 12 36)		
11 12 36 00-0002		Flush Mount, Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0003	EA	6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081)	1,292.89	280.39
11 12 36 00-0004		Surface Mount, Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0005	EA	3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088)	2,165.20	140.20
11 12 36 00-0006	EA	3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087)	1,565.20	140.20
11 12 36 00-0007		Warning Signs And Signals For Tire Shredding Traffic Control Spikes (11 12 36 00-0001)		
11 12 36 00-0008	EA	Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)	982.65	52.57
		Note: Includes light and mounting post.		
11 12 36 00-0009	EA	Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)	822.70	70.10
		Note: Includes mounting post and hardware.		

11 13 Loading Dock Equipment (11 10)**11 13 13 Loading Dock Bumpers (11 13)**

11 13 13 00-0001		Laminated Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0002		4-1/2" Projection, Laminated Rubber Dock Bumpers (11 13 13 00-0001)		
11 13 13 00-0003	EA	14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	100.55	15.82
11 13 13 00-0004	EA	24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	128.05	15.82
11 13 13 00-0005	EA	36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper	166.84	15.82
11 13 13 00-0006	EA	12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	112.27	15.82
11 13 13 00-0007	EA	14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	121.99	15.82
11 13 13 00-0008	EA	18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	139.36	15.82
11 13 13 00-0009	EA	24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	166.84	15.82
11 13 13 00-0010	EA	36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper	228.91	15.82
11 13 13 00-0011	EA	12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper	127.79	15.82
11 13 13 00-0012	EA	12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper	139.36	15.82
11 13 13 00-0013	EA	12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper	172.37	15.82
11 13 13 00-0014	EA	12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	195.77	15.82
11 13 13 00-0015	EA	12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	271.78	15.82
11 13 13 00-0016	EA	11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper	158.69	15.82
11 13 13 00-0017	EA	11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper	185.91	15.82
11 13 13 00-0018	EA	11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper	243.90	15.82
11 13 13 00-0019		6" Projection, Laminated Rubber Dock Bumpers (11 13 13 00-0001)		
11 13 13 00-0020	EA	12" x 10", 6" Projection, Laminated Rubber Dock Bumper	142.80	15.82
11 13 13 00-0021	EA	14" x 10", 6" Projection, Laminated Rubber Dock Bumper	152.40	15.82
11 13 13 00-0022	EA	18" x 10", 6" Projection, Laminated Rubber Dock Bumper	175.55	15.82
11 13 13 00-0023	EA	24" x 10", 6" Projection, Laminated Rubber Dock Bumper	210.79	15.82
11 13 13 00-0024	EA	36" x 10", 6" Projection, Laminated Rubber Dock Bumper	288.77	15.82
11 13 13 00-0025	EA	12" x 12", 6" Projection, Laminated Rubber Dock Bumper	164.11	15.82
11 13 13 00-0026	EA	14" x 12", 6" Projection, Laminated Rubber Dock Bumper	172.00	15.82
11 13 13 00-0027	EA	18" x 12", 6" Projection, Laminated Rubber Dock Bumper	203.30	15.82
11 13 13 00-0028	EA	24" x 12", 6" Projection, Laminated Rubber Dock Bumper	249.98	15.82
11 13 13 00-0029	EA	36" x 12", 6" Projection, Laminated Rubber Dock Bumper	380.70	15.82
11 13 13 00-0030	EA	11" x 20", 6" Projection, Laminated Rubber Dock Bumper	210.92	15.82
11 13 13 00-0031	EA	11" x 24", 6" Projection, Laminated Rubber Dock Bumper	242.22	15.82
11 13 13 00-0032	EA	11" x 36", 6" Projection, Laminated Rubber Dock Bumper	246.39	15.82
11 13 13 00-0033		Extruded Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0034		1-3/4" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0035	EA	12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	52.17	15.82
11 13 13 00-0036	EA	18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	56.04	15.82
11 13 13 00-0037	EA	24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	61.19	15.82
11 13 13 00-0038	EA	36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper	66.35	15.82
11 13 13 00-0039		4" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0040	EA	12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	72.38	15.82
11 13 13 00-0041	EA	18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	88.64	15.82

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

11 13 13 00-0042	EA	24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	93.32	15.82
11 13 13 00-0043	EA	36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper	103.98	15.82
11 13 13 00-0044		6" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0045	EA	12" x 6", 6" Projection, Extruded Rubber Dock Bumper	88.39	15.82
11 13 13 00-0046	EA	18" x 6", 6" Projection, Extruded Rubber Dock Bumper	110.30	15.82
11 13 13 00-0047	EA	24" x 6", 6" Projection, Extruded Rubber Dock Bumper	128.34	15.82
11 13 13 00-0048	EA	36" x 6", 6" Projection, Extruded Rubber Dock Bumper	162.77	15.82
11 13 13 00-0049		Molded Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0050		Rectangular Molded Rubber Dock Bumpers (11 13 13 00-0049)		
11 13 13 00-0051	EA	18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	74.53	15.82
11 13 13 00-0052	EA	10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	64.57	15.82
11 13 13 00-0053	EA	20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	87.28	15.82
11 13 13 00-0054	EA	30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper	110.19	15.82
11 13 13 00-0055	EA	24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	115.59	15.82
11 13 13 00-0056	EA	13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	84.68	15.82
11 13 13 00-0057	EA	18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	111.10	15.82
11 13 13 00-0058	EA	30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	165.49	15.82
11 13 13 00-0059	EA	13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	92.58	15.82
11 13 13 00-0060	EA	24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	140.90	15.82
11 13 13 00-0061	EA	18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	140.42	15.82
11 13 13 00-0062	EA	24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	214.25	15.82
11 13 13 00-0063		T And L Shaped Rubber Dock Bumpers (11 13 13 00-0049)		
11 13 13 00-0064	EA	22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper	132.98	15.82
11 13 13 00-0065	EA	18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper	123.91	15.82
11 13 16		Loading Dock Seals And Shelters (11 13)		
11 13 16 13		Loading Dock Seals (11 13 16)		
11 13 16 13-0001		Vinyl Loading Dock Seals (11 13 16 13)		
11 13 16 13-0002		Standard Vinyl Loading Dock Seals (11 13 16 13-0001)		
11 13 16 13-0003	LF	10" Projection, Standard, Vinyl Loading Dock Seal	71.90	15.82
11 13 16 13-0004	LF	11" Projection, Standard, Vinyl Loading Dock Seal	72.89	15.82
11 13 16 13-0005	LF	12" Projection, Standard, Vinyl Loading Dock Seal	73.87	15.82
11 13 16 13-0006	LF	13" Projection, Standard, Vinyl Loading Dock Seal	75.84	15.82
11 13 16 13-0007	LF	14" Projection, Standard, Vinyl Loading Dock Seal	77.82	15.82
11 13 16 13-0008	LF	15" Projection, Standard, Vinyl Loading Dock Seal	79.82	15.82
11 13 16 13-0009	LF	16" Projection, Standard, Vinyl Loading Dock Seal	81.82	15.82
11 13 16 13-0010	LF	17" Projection, Standard, Vinyl Loading Dock Seal	83.87	15.82
11 13 16 13-0011	LF	18" Projection, Standard, Vinyl Loading Dock Seal	85.93	15.82
11 13 16 13-0012	LF	19" Projection, Standard, Vinyl Loading Dock Seal	87.90	15.82
11 13 16 13-0013	LF	20" Projection, Standard, Vinyl Loading Dock Seal	89.87	15.82
11 13 16 13-0014	LF	22" Projection, Standard, Vinyl Loading Dock Seal	93.87	15.82
11 13 16 13-0015		8" Exposure Wear Pleats, Vinyl Loading Dock Seals (11 13 16 13-0001)		
11 13 16 13-0016	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	83.62	15.82
11 13 16 13-0017	LF	11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	84.61	15.82
11 13 16 13-0018	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	85.60	15.82
11 13 16 13-0019	LF	13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	87.60	15.82
11 13 16 13-0020	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	89.60	15.82
11 13 16 13-0021	LF	15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.57	15.82
11 13 16 13-0022	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.54	15.82
11 13 16 13-0023	LF	17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	95.54	15.82
11 13 16 13-0024	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	97.54	15.82
11 13 16 13-0025	LF	19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	99.51	15.82
11 13 16 13-0026	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	101.54	15.82
11 13 16 13-0027	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	105.49	15.82
11 13 16 13-0028		4" Exposure Wear Pleats, Vinyl Loading Dock Seals (11 13 16 13-0001)		
11 13 16 13-0029	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	89.87	15.82
11 13 16 13-0030	LF	11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	90.88	15.82
11 13 16 13-0031	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	91.90	15.82
11 13 16 13-0032	LF	13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	93.87	15.82
11 13 16 13-0033	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	95.84	15.82
11 13 16 13-0034	LF	15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	97.84	15.82
11 13 16 13-0035	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	99.84	15.82
11 13 16 13-0036	LF	17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	101.82	15.82
11 13 16 13-0037	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	103.79	15.82
11 13 16 13-0038	LF	19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	105.79	15.82
11 13 16 13-0039	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	107.79	15.82
11 13 16 13-0040	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal	111.84	15.82
11 13 16 13-0041		Vinyl Loading Dock Seals With Drape Curtain (11 13 16 13)		

11 Equipment
11 10 Vehicle And Pedestrian Equipment
11 13 Loading Dock Equipment



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

11 13 16 13-0042			Standard, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0043	LF		10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	66.67	15.82
11 13 16 13-0044	LF		12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	68.22	15.82
11 13 16 13-0045	LF		14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	71.65	15.82
11 13 16 13-0046	LF		16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	75.03	15.82
11 13 16 13-0047	LF		18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	78.50	15.82
11 13 16 13-0048	LF		20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	81.88	15.82
11 13 16 13-0049	LF		22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	85.31	15.82

11 13 16 13-0050			8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0051	LF		10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	77.76	15.82
11 13 16 13-0052	LF		12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	79.36	15.82
11 13 16 13-0053	LF		14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	82.79	15.82
11 13 16 13-0054	LF		16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	86.22	15.82
11 13 16 13-0055	LF		18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	89.60	15.82
11 13 16 13-0056	LF		20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	93.03	15.82
11 13 16 13-0057	LF		22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	96.41	15.82

11 13 16 13-0058			4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0059	LF		10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	83.77	15.82
11 13 16 13-0060	LF		12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	85.32	15.82
11 13 16 13-0061	LF		14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	88.80	15.82
11 13 16 13-0062	LF		16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	92.18	15.82
11 13 16 13-0063	LF		18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	95.61	15.82
11 13 16 13-0064	LF		20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	98.99	15.82
11 13 16 13-0065	LF		22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	102.47	15.82

11 13 16 23 Loading Dock Shelters (11 13 16)

11 13 16 23-0001			Retractable Vinyl Loading Dock Shelter <small>(11 13 16 23)</small>		
11 13 16 23-0002	LF		Retractable Vinyl Dock Shelters, Scissor Arms.....	113.31	19.77

11 13 16 23-0003			Rigid Loading Dock Shelters <small>(11 13 16 23)</small>		
11 13 16 23-0004	LF		18" Projection, Rigid Loading Dock Shelter.....	84.07	18.98
11 13 16 23-0005	LF		24" Projection, Rigid Loading Dock Shelter.....	87.71	18.98
11 13 16 23-0006	LF		30" Projection, Rigid Loading Dock Shelter.....	91.09	19.77
11 13 16 23-0007	LF		36" Projection, Rigid Loading Dock Shelter.....	93.60	19.77

11 13 19 Stationary Loading Dock Equipment (11 13)
 Note: Includes all anchor bolts and fasteners.

11 13 19 13 Loading Dock Levelers (11 13 19)

11 13 19 13-0001			Hydraulic Dock Levelers <small>(11 13 19 13)</small>		
11 13 19 13-0002			20,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0003	EA		6' x 6', 20,000 LB Hydraulic Dock Leveler.....	7,217.41	684.70
11 13 19 13-0004	EA		6' x 8', 20,000 LB Hydraulic Dock Leveler.....	7,712.59	760.78
11 13 19 13-0005	EA		6' x 10', 20,000 LB Hydraulic Dock Leveler.....	9,464.70	912.93
11 13 19 13-0006	EA		7' x 6', 20,000 LB Hydraulic Dock Leveler.....	7,680.19	760.78
11 13 19 13-0007	EA		7' x 8', 20,000 LB Hydraulic Dock Leveler.....	8,349.25	836.85
11 13 19 13-0008	EA		7' x 10', 20,000 LB Hydraulic Dock Leveler.....	10,014.13	912.93

11 13 19 13-0009			25,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0010	EA		6' x 6', 25,000 LB Hydraulic Dock Leveler.....	7,370.84	684.70
11 13 19 13-0011	EA		6' x 8', 25,000 LB Hydraulic Dock Leveler.....	7,871.96	760.78
11 13 19 13-0012	EA		6' x 10', 25,000 LB Hydraulic Dock Leveler.....	9,614.05	912.93
11 13 19 13-0013	EA		7' x 6', 25,000 LB Hydraulic Dock Leveler.....	7,830.88	760.78
11 13 19 13-0014	EA		7' x 8', 25,000 LB Hydraulic Dock Leveler.....	8,489.11	836.85
11 13 19 13-0015	EA		7' x 10', 25,000 LB Hydraulic Dock Leveler.....	10,306.77	912.93

11 13 19 13-0016			30,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0017	EA		6' x 6', 30,000 LB Hydraulic Dock Leveler.....	7,709.11	798.81
11 13 19 13-0018	EA		6' x 8', 30,000 LB Hydraulic Dock Leveler.....	8,197.33	912.93
11 13 19 13-0019	EA		6' x 10', 30,000 LB Hydraulic Dock Leveler.....	9,997.97	1,065.08
11 13 19 13-0020	EA		7' x 6', 30,000 LB Hydraulic Dock Leveler.....	8,197.33	912.93
11 13 19 13-0021	EA		7' x 8', 30,000 LB Hydraulic Dock Leveler.....	8,834.53	1,027.04
11 13 19 13-0022	EA		7' x 10', 30,000 LB Hydraulic Dock Leveler.....	10,635.17	1,027.04

11 13 19 13-0023			35,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0024	EA		6' x 6', 35,000 LB Hydraulic Dock Leveler.....	7,980.37	760.78
11 13 19 13-0025	EA		6' x 8', 35,000 LB Hydraulic Dock Leveler.....	8,469.70	836.85
11 13 19 13-0026	EA		6' x 10', 35,000 LB Hydraulic Dock Leveler.....	10,667.85	989.01
11 13 19 13-0027	EA		7' x 6', 35,000 LB Hydraulic Dock Leveler.....	8,469.70	836.85
11 13 19 13-0028	EA		7' x 8', 35,000 LB Hydraulic Dock Leveler.....	9,194.02	912.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0029 EA 7' x 10', 35,000 LB Hydraulic Dock Leveler.....	11,028.14	1,065.08
11 13 19 13-0030 40,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0031 EA 6' x 6', 40,000 LB Hydraulic Dock Leveler.....	8,466.39	760.78
11 13 19 13-0032 EA 6' x 8', 40,000 LB Hydraulic Dock Leveler.....	8,955.17	836.85
11 13 19 13-0033 EA 6' x 10', 40,000 LB Hydraulic Dock Leveler.....	10,779.24	989.01
11 13 19 13-0034 EA 7' x 6', 40,000 LB Hydraulic Dock Leveler.....	8,955.17	836.85
11 13 19 13-0035 EA 7' x 8', 40,000 LB Hydraulic Dock Leveler.....	9,680.17	912.93
11 13 19 13-0036 EA 7' x 10', 40,000 LB Hydraulic Dock Leveler.....	11,514.04	1,065.08
11 13 19 13-0037 45,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0038 EA 6' x 6', 45,000 LB Hydraulic Dock Leveler.....	8,861.26	836.85
11 13 19 13-0039 EA 6' x 8', 45,000 LB Hydraulic Dock Leveler.....	9,357.06	912.93
11 13 19 13-0040 EA 6' x 10', 45,000 LB Hydraulic Dock Leveler.....	11,172.92	1,065.08
11 13 19 13-0041 EA 7' x 6', 45,000 LB Hydraulic Dock Leveler.....	9,358.20	912.93
11 13 19 13-0042 EA 7' x 8', 45,000 LB Hydraulic Dock Leveler.....	10,077.95	989.01
11 13 19 13-0043 EA 7' x 10', 45,000 LB Hydraulic Dock Leveler.....	11,901.42	1,141.16
11 13 19 13-0044 Manual Dock Levelers (11 13 19 13)		
11 13 19 13-0045 20,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0046 EA 6' x 6', 20,000 LB Manual Dock Leveler.....	5,635.41	684.70
11 13 19 13-0047 EA 6' x 8', 20,000 LB Manual Dock Leveler.....	6,140.58	760.78
11 13 19 13-0048 EA 6' x 10', 20,000 LB Manual Dock Leveler.....	7,882.70	912.93
11 13 19 13-0049 EA 7' x 6', 20,000 LB Manual Dock Leveler.....	6,099.61	760.78
11 13 19 13-0050 EA 7' x 8', 20,000 LB Manual Dock Leveler.....	6,767.25	836.85
11 13 19 13-0051 EA 7' x 10', 20,000 LB Manual Dock Leveler.....	8,593.47	912.93
11 13 19 13-0052 40,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0053 EA 6' x 6', 40,000 LB Manual Dock Leveler.....	7,024.31	760.78
11 13 19 13-0054 EA 6' x 8', 40,000 LB Manual Dock Leveler.....	7,513.09	836.85
11 13 19 13-0055 EA 6' x 10', 40,000 LB Manual Dock Leveler.....	8,112.11	989.01
11 13 19 13-0056 EA 7' x 6', 40,000 LB Manual Dock Leveler.....	7,513.09	836.85
11 13 19 13-0057 EA 7' x 8', 40,000 LB Manual Dock Leveler.....	8,565.06	912.93
11 13 19 13-0058 EA 7' x 10', 40,000 LB Manual Dock Leveler.....	10,071.96	1,065.08
11 13 19 13-0059 Edge-Of-Dock Levelers (11 13 19 13) Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060 Hydraulic Edge-Of-Dock Levelers (11 13 19 13-0059)		
11 13 19 13-0061 EA 66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,197.17	228.23
11 13 19 13-0062 EA 72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,459.14	228.23
11 13 19 13-0063 EA 66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,421.23	228.23
11 13 19 13-0064 EA 72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Hydraulic.....	3,780.87	228.23
11 13 19 13-0065 Manual Edge-Of-Dock Levelers (11 13 19 13-0059)		
11 13 19 13-0066 EA 66" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,593.90	228.23
11 13 19 13-0067 EA 72" Usable Width, 20,000 LB Edge-Of-Dock Leveler, Manual.....	1,685.30	228.23
11 13 19 13-0068 EA 66" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,733.56	228.23
11 13 19 13-0069 EA 72" Usable Width, 25,000 LB Edge-Of-Dock Leveler, Manual.....	1,851.92	228.23
11 13 19 23 Stationary Loading Dock Lifts (11 13 19)		
11 13 19 23-0001 Top Of Ground, Fixed Platform Lifts (11 13 19 23)		
11 13 19 23-0002 EA 6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift.....	13,549.15	159.55
11 13 19 23-0003 Pit Mounted, Fixed Platform Lifts (11 13 19 23)		
11 13 19 23-0004 EA 6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted.....	9,129.22	159.55
11 13 19 23-0005 EA 6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted.....	16,798.70	239.32
11 13 19 23-0006 EA 7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted.....	29,628.34	478.63
11 13 19 23-0007 EA 8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted.....	30,962.03	638.17
11 13 19 26 Loading Dock Truck Lifts (11 13 19)		
11 13 19 26-0001 Hydraulic Truck Lifts (11 13 19 26)		
11 13 19 26-0002 EA 10' x 15', 60,000 LB Platform Truck Lift.....	27,447.32	1,272.53
11 13 19 26-0003 EA 10' x 20', 60,000 LB Platform Truck Lift.....	31,375.47	1,527.03
11 13 19 33 Loading Dock Truck Restraints (11 13 19)		
11 13 19 33-0001 Truck Restraint System (11 13 19 33)		
11 13 19 33-0002 EA Truck Restraint System (Poweramp Powerstop AAL)..... Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	6,430.44	285.29

11 Equipment
11 10 Vehicle And Pedestrian Equipment
11 13 Loading Dock Equipment

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

11 13 19 33-0003	EA		Rotating Hook Truck Restraint System (Kelley Star 4) Note: Includes push button controls, warning lights, alarms, 32,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	4,461.87	285.29
------------------	----	--	--	----------	--------

11 13 23 Portable Dock Equipment (11 13)

11 13 23 23 Portable Dock Platforms (11 13 23)

11 13 23 23-0001	EA		6' x 6', 5,000 LB Capacity Portable Platform Lift.....	13,713.38	87.62
------------------	----	--	--	-----------	-------

11 13 26 Loading Dock Lights (11 13)

11 13 26 00-0001 Communication Lights (11 13 26)

11 13 26 00-0002	EA		Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC..... Note: Excludes control console.	227.11	64.58
11 13 26 00-0003	EA		Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC.....	276.30	64.58
11 13 26 00-0004	EA		Dock Guide Light For Truck Backing.....	131.08	51.66

11 13 26 00-0005 Communication Lights Controls (11 13 26)

11 13 26 00-0006	EA		Dock Communication Lights Control Console For Up To Two Docks.....	256.56	86.10
------------------	----	--	--	--------	-------

11 13 26 00-0007 Loading Dock Lights (11 13 26)

11 13 26 00-0008 Incandescent Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0009	EA		24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	351.44	86.10
11 13 26 00-0010	EA		40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	310.38	86.10
11 13 26 00-0011	EA		60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	413.95	86.10

11 13 26 00-0012 Metal Halide Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0013	EA		24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	493.34	86.10
11 13 26 00-0014	EA		40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	542.00	86.10
11 13 26 00-0015	EA		60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	580.91	86.10

11 13 26 00-0016 Quartz Halogen Loading Dock Lights (11 13 26 00-0007)

11 13 26 00-0017	EA		24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen.....	304.91	86.10
11 13 26 00-0018	EA		40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	335.69	86.10
11 13 26 00-0019	EA		60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	361.97	86.10

11 14 Pedestrian Control Equipment (11 10)

11 14 13 Pedestrian Gates (11 14)

11 14 13 16 Rotary Gates (11 14 13)

11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability (11 14 13 16)

11 14 13 16-0002 Mechanical (11 14 13 16-0001)

11 14 13 16-0003 Galvanized Steel (11 14 13 16-0002)

11 14 13 16-0004	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel.....	6,866.89	1,073.71
11 14 13 16-0005	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	7,682.46	1,073.71
11 14 13 16-0006	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	15,029.76	1,601.93
11 14 13 16-0007	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel.....	14,580.00	1,601.93

11 14 13 16-0008 Powder Coated Steel (11 14 13 16-0002)

11 14 13 16-0009	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	7,692.95	1,073.71
11 14 13 16-0010	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel.....	8,477.03	1,073.71
11 14 13 16-0011	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	17,594.89	1,601.93
11 14 13 16-0012	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	15,935.28	1,601.93

11 14 13 16-0013 Anodized Aluminum (11 14 13 16-0002)

11 14 13 16-0014	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	8,051.26	1,073.71
11 14 13 16-0015	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum.....	13,539.83	1,073.71
11 14 13 16-0016	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	15,869.31	1,601.93
11 14 13 16-0017	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum.....	26,207.79	1,601.93

11 14 13 16-0018 Stainless Steel (11 14 13 16-0002)

11 14 13 16-0019	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	12,391.44	1,073.71
11 14 13 16-0020	EA		One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel.....	13,839.67	1,073.71
11 14 13 16-0021	EA		One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	19,827.20	1,601.93
11 14 13 16-0022	EA		One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	24,534.69	1,601.93

11 14 13 16-0023 Transparent (11 14 13 16-0002)

11 14 13 16-0024	EA		One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent.....	24,034.23	1,073.87
------------------	----	--	--	-----------	----------

	Equipment	11
	Vehicle And Pedestrian Equipment	11 10
	Pedestrian Control Equipment	11 14
MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

11 14 13 16-0025	Mechanical Options (11 14 13 16-0001)		
11 14 13 16-0026	EA Out-of-Use Lock Option, Add.....	127.43	
11 14 13 16-0027	EA Heel Protector (Each Heel Protector), Add.....	89.95	
11 14 13 16-0028	Electrical, One-Way (11 14 13 16-0001)		
11 14 13 16-0029	Galvanized Steel (11 14 13 16-0028)		
11 14 13 16-0030	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	7,228.20	1,073.71
11 14 13 16-0031	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	8,045.26	1,073.71
11 14 13 16-0032	EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	16,379.04	1,601.93
11 14 13 16-0033	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	15,163.19	1,601.93
11 14 13 16-0034	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	16,379.04	1,601.93
11 14 13 16-0035	Powder Coated Steel (11 14 13 16-0028)		
11 14 13 16-0036	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	8,052.76	1,073.71
11 14 13 16-0037	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	8,965.77	1,073.71
11 14 13 16-0038	EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	21,639.73	1,601.93
11 14 13 16-0039	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	16,525.96	1,601.93
11 14 13 16-0040	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	17,744.81	1,601.93
11 14 13 16-0041	Anodized Aluminum (11 14 13 16-0028)		
11 14 13 16-0042	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	8,202.68	1,073.71
11 14 13 16-0043	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	8,667.43	1,073.71
11 14 13 16-0044	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	13,989.59	1,073.71
11 14 13 16-0045	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	16,695.37	1,601.93
11 14 13 16-0046	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	18,477.92	1,601.93
11 14 13 16-0047	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	26,985.88	1,601.93
11 14 13 16-0048	Stainless Steel (11 14 13 16-0028)		
11 14 13 16-0049	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	13,148.54	1,073.71
11 14 13 16-0050	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	14,033.07	1,073.71
11 14 13 16-0051	EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	22,639.70	1,601.93
11 14 13 16-0052	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	25,690.57	1,601.93
11 14 13 16-0053	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	28,237.71	1,601.93
11 14 13 16-0054	Transparent (11 14 13 16-0028)		
11 14 13 16-0055	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	21,969.83	1,073.87
11 14 13 16-0056	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	23,223.16	1,073.87
11 14 13 16-0057	EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	23,770.37	1,073.87
11 14 13 16-0058	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	39,016.96	1,601.93
11 14 13 16-0059	EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	41,430.67	1,601.93
11 14 13 16-0060	Electrical, Two-Way (11 14 13 16-0001)		
11 14 13 16-0061	Galvanized Steel (11 14 13 16-0060)		
11 14 13 16-0062	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	7,749.92	1,073.71
11 14 13 16-0063	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	8,590.97	1,073.71
11 14 13 16-0064	EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	19,245.51	1,601.93
11 14 13 16-0065	EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	16,094.19	1,601.93
11 14 13 16-0066	Powder Coated Steel (11 14 13 16-0060)		
11 14 13 16-0067	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	8,510.01	1,073.71
11 14 13 16-0068	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	9,475.50	1,073.71
11 14 13 16-0069	EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	22,092.49	1,601.93
11 14 13 16-0070	EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	17,464.46	1,601.93
11 14 13 16-0071	Anodized Aluminum (11 14 13 16-0060)		
11 14 13 16-0072	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	8,716.90	1,073.71
11 14 13 16-0073	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	9,160.67	1,073.71
11 14 13 16-0074	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	14,587.77	1,073.71
11 14 13 16-0075	EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	17,743.31	1,601.93
11 14 13 16-0076	EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	27,958.86	1,601.93
11 14 13 16-0077	Stainless Steel (11 14 13 16-0060)		
11 14 13 16-0078	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	13,655.27	1,073.71
11 14 13 16-0079	EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	14,554.79	1,073.71

11 Equipment**11 10 Vehicle And Pedestrian Equipment****11 14 Pedestrian Control Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 14 13 16-0080	EA	Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel	23,011.50	1,601.93
11 14 13 16-0081	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	26,440.17	1,601.93
11 14 13 16-0082	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	29,272.16	1,601.93

11 14 13 16-0083 Transparent (11 14 13 16-0060)

11 14 13 16-0084	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms	22,404.60	1,073.87
11 14 13 16-0085	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms	23,582.97	1,073.87
11 14 13 16-0086	EA	Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels	24,259.11	1,073.87
11 14 13 16-0087	EA	Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	39,931.47	1,601.93
11 14 13 16-0088	EA	One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	42,180.27	1,601.93

11 14 13 16-0089 Electrical Options (11 14 13 16-0001)

11 14 13 16-0090	EA	Additional Set Of Electric Controls, Per Rotor, Add	499.23	
11 14 13 16-0091	EA	Indicator Lights, Set, Red/Green, Per Controlled Direction, Add	350.81	
11 14 13 16-0092	EA	Time-Out-Relay, Per Controlled Direction.....	115.44	
11 14 13 16-0093	EA	Pulse-Relay, Per Controlled Direction.....	115.44	
11 14 13 16-0094	EA	Pushbutton, Per Controlled Direction.....	91.45	
11 14 13 16-0095	EA	Heel Protectors, (Per Heel Protector), Add	89.95	
11 14 13 16-0096	EA	Card Reader Mounting Pad, Per Reader.....	82.46	
11 14 13 16-0097	EA	Hydraulic Speed Control (Per Rotor), Add.....	2,094.38	

11 14 13 16-0098 Relocate Rotary Gate (11 14 13 16-0001)

11 14 13 16-0099	EA	Relocate Rotary Gate	3,154.01	
------------------	----	----------------------------	----------	--

11 14 13 19 Turnstiles (11 14 13)**11 14 13 19-0001 Security Turnstiles** (11 14 13 19)

11 14 13 19-0002	EA	7' Security Turnstile With Automatic Control Free Turning.....	7,122.98	532.90
Note: One direction, Type B.				
11 14 13 19-0003	EA	7' Security Turnstile, Type B Free Turning In Both Directions.....	6,299.51	532.90
11 14 13 19-0004	EA	7' Security Turnstile With Automatic Control Free Turning.....	8,400.55	532.90
Note: One direction, Type AA.				
11 14 13 19-0005	EA	7' Security Turnstile, Type AA Free Turning In Both Directions	7,646.61	532.90

11 14 13 19-0006 Turnstiles (11 14 13 19)

11 14 13 19-0007	EA	24" Diameter Manual Turnstile, Three Arm, Two Way	1,518.55	299.15
11 14 13 19-0008	EA	24" Diameter Manual Turnstile, Three Arm, Two Way With Counter	1,940.68	299.15

11 20 Commercial Equipment (11)**11 21 Retail and Service Equipment** (11 20)**11 21 63 Refrigerated Display Equipment** (11 21)**11 21 63 00-0001 Dairy Products** (11 21 63)**11 21 63 00-0002 Refrigerated Dairy Case** (11 21 63 00-0001)

11 21 63 00-0003	LF	Refrigerated Case, Dairy, Multi-Deck.....	1,141.87	253.65
For Rear Sliding Doors, Add			19.95	

11 21 63 00-0004 Refrigerated Milk Unit (11 21 63 00-0001)

11 21 63 00-0005	EA	46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit.....	4,858.54	184.54
------------------	----	---	----------	--------

11 21 63 00-0006 Refrigerated Ice Cream And Milk Dispenser (11 21 63 00-0001)

11 21 63 00-0007	EA	63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	5,386.09	202.66
------------------	----	---	----------	--------

11 21 63 00-0008 Ice Cream Dispenser (11 21 63 00-0001)

11 21 63 00-0009	EA	46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	4,499.07	170.64
------------------	----	--	----------	--------

11 21 63 00-0010 Drop-In Ice Cream Freezer (11 21 63 00-0001)

11 21 63 00-0011	EA	27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	1,122.00	42.47
11 21 63 00-0012	EA	30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	1,466.14	55.53

11 21 63 00-0013 Ice Cream Cabinets (11 21 63 00-0001)

11 21 63 00-0014	EA	46" x 32" x 42", 24 Gallon Ice Cream Cabinet	3,513.88	132.72
11 21 63 00-0015	EA	68" x 32" x 42", 48 Gallon Ice Cream Cabinet	5,006.86	191.53

11 21 63 00-0016 Delicatessen Case, Service Deli (11 21 63)

11 21 63 00-0017	LF	Delicatessen Case, Single-Deck.....	1,099.84	211.38
11 21 63 00-0018	LF	Delicatessen Case, Multi-Deck.....	1,251.43	253.65
11 21 63 00-0019	EA	Delicatessen Case, 3 Shelf, 32" x 23" x 23".....	1,297.28	55.75

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

11 21 63 00-0020			Meat Case <small>(11 21 63)</small>		
11 21 63 00-0021	LF		Meat Case, Single - Deck.....	863.81	253.65
11 21 63 00-0022	LF		Meat Case, Multi - Deck.....	933.31	253.65
11 21 63 00-0023			Produce Case <small>(11 21 63)</small>		
11 21 63 00-0024	LF		Produce Case, Single - Deck.....	894.19	253.65
11 21 63 00-0025	LF		Produce Case, Multi - Deck.....	981.78	253.65
11 21 63 00-0026			Bottle Coolers <small>(11 21 63)</small>		
11 21 63 00-0027	EA		Bottle Cooler, 6' Long.....	3,265.60	845.53
11 21 63 00-0028	EA		Bottle Cooler, 10' Long.....	4,999.47	1,268.28
11 21 63 00-0029			Cold Pan Units <small>(11 21 63)</small>		
11 21 63 00-0030	EA		5" x 48", Iced, Cold Pan Units.....	1,798.28	67.58
11 21 63 00-0031	EA		5" x 72", Iced, Cold Pan Units.....	2,498.73	94.55
11 21 63 00-0032	EA		8" x 72", Iced, Cold Pan Units.....	2,954.37	111.82
11 21 63 00-0033	EA		5" x 48", Mechanical, Cold Pan Units.....	3,037.50	115.53
11 21 63 00-0034	EA		8" x 48", Mechanical, Cold Pan Units.....	3,305.53	124.72
11 21 63 00-0035	EA		8" x 72", Mechanical, Cold Pan Units.....	3,927.32	147.38
11 21 63 00-0036			Cold Cabinets (Insulated) <small>(11 21 63)</small>		
11 21 63 00-0037	EA		69-3/4" x 32" x 24", Insulated Cold Cabinet.....	1,631.61	58.48
11 26			Compact Kitchens <small>(11 20)</small>		
11 26 13			Metal Compact Kitchens <small>(11 26)</small>		
			Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.		
11 26 13 00-0001			30" Compact Kitchen <small>(11 26 13)</small>		
11 26 13 00-0002	EA		30" Compact Unit Kitchen With Refrigerator, Range And Sink.....	2,024.40	422.60
			<i>For Gas Unit, Add</i>	219.14	
11 26 13 00-0003	EA		30" Compact Unit Kitchen With Refrigerator And Sink.....	1,731.64	295.82
11 26 13 00-0004	EA		30" Compact Unit Kitchen With Refrigerator And Range.....	1,587.12	253.56
11 26 13 00-0005	EA		30" Compact Unit Kitchen Cabinet For Upper Wall Section.....	477.26	237.26
11 26 13 00-0006	EA		30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	995.35	158.17
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 26 13 00-0007	EA		30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	65.42	14.02
11 26 13 00-0008	EA		30" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	58.78	14.02
11 26 13 00-0009			42" Compact Kitchen <small>(11 26 13)</small>		
11 26 13 00-0010	EA		42" Compact Unit Kitchen With Refrigerator, Range And Sink.....	2,361.72	464.86
			<i>For Gas Unit, Add</i>	261.29	
11 26 13 00-0011	EA		42" Compact Unit Kitchen With Refrigerator And Sink.....	2,136.68	380.34
11 26 13 00-0012	EA		42" Compact Unit Kitchen Cabinet For Upper Wall Section.....	608.90	134.45
11 26 13 00-0013	EA		42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,155.89	177.95
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 26 13 00-0014	EA		42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	78.75	14.02
11 26 13 00-0015	EA		42" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	65.67	14.02
11 26 13 00-0016			54" Compact Kitchen <small>(11 26 13)</small>		
11 26 13 00-0017	EA		54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	3,203.28	591.64
			<i>For Gas Unit, Add</i>	362.16	
11 26 13 00-0018	EA		54" Compact Unit Kitchen Cabinet For Upper Wall Section.....	756.35	79.09
11 26 13 00-0019	EA		54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section.....	1,285.44	197.72
			<i>For Range Hood In Upper Section, Add</i>	179.00	
11 26 13 00-0020	EA		54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	91.69	14.02
11 26 13 00-0021	EA		54" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	68.32	14.02
11 26 13 00-0022			60" Compact Kitchen <small>(11 26 13)</small>		
11 26 13 00-0023	EA		60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink.....	3,367.80	633.90
			<i>For Gas Unit, Add</i>	378.39	
11 26 13 00-0024	EA		60" Compact Unit Kitchen Cabinet For Upper Wall Section.....	895.44	197.72
11 26 13 00-0025	EA		60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	97.30	14.02
11 26 13 00-0026	EA		60" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	68.32	14.02
11 26 13 00-0027			72" Compact Kitchen <small>(11 26 13)</small>		
11 26 13 00-0028	EA		72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink.....	3,612.32	676.16
			<i>For Gas Unit, Add</i>	406.62	
11 26 13 00-0029	EA		72" Compact Unit Kitchen Cabinet For Upper Wall Section.....	1,094.52	237.26
11 26 13 00-0030	EA		72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	113.56	17.52
11 26 13 00-0031	EA		72" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	71.50	17.52

11	Equipment
11 20	Commercial Equipment
11 28	Office Equipment

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

11 28 Office Equipment ^(11 20)11 28 13 Computers ^(11 28)11 28 13 00-0001 Accessories ^(11 28 13)

11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020)	604.90	42.98
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020)	740.01	47.28
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020)	959.12	51.58
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,037.27	55.88
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020)	768.63	47.28
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020)	801.00	47.28
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	1,131.46	60.18
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	1,201.01	60.18
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026)	643.07	47.28
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2)	197.91	47.28
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	149.55	47.28

11 40 Foodservice Equipment ⁽¹¹⁾11 41 Foodservice Storage Equipment ^(11 40)11 41 13 Refrigerated Food Storage Cases ^(11 41)11 41 13 00-0001 Frozen Food Cases ^(11 41 13)

11 41 13 00-0002	LF	Chest Type Frozen Food Case	888.82	253.65
11 41 13 00-0003	LF	Reach-in Frozen Food Case (Glass Door)	1,590.06	253.65
11 41 13 00-0004	LF	Island Type Frozen Food Case	1,009.32	253.65
11 41 13 00-0005	LF	Multi-Deck Frozen Food Case	1,531.75	253.65

11 41 13 00-0006 Reach-In Refrigeration ^(11 41 13)11 41 13 00-0007 Reach-In Refrigerators ^(11 41 13 00-0006)

11 41 13 00-0008	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	2,835.44	126.01
11 41 13 00-0009	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	3,494.73	158.93
11 41 13 00-0010	EA	Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator	4,647.94	175.58
11 41 13 00-0011	EA	Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,039.48	126.01
11 41 13 00-0012	EA	Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	3,952.25	158.93
11 41 13 00-0013	EA	Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator	5,241.31	175.58
11 41 13 00-0014	EA	Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	3,391.41	126.01
11 41 13 00-0015	EA	Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	4,580.97	158.93
11 41 13 00-0016	EA	Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator	4,107.03	126.01
11 41 13 00-0017	EA	Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	5,908.17	158.93

11 41 13 00-0018 Reach-In Freezers ^(11 41 13 00-0006)

11 41 13 00-0019	EA	Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer	3,180.27	126.16
11 41 13 00-0020	EA	Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer	4,212.13	158.70

11 41 23 Walk-In-Coolers ^(11 41)11 41 23 00-0001 Walk-In Refrigerated Boxes ^(11 41 23)

Note: Overall heights include 4" floor panel and 4" ceiling panel.

11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor ^(11 41 23 00-0001)

Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	6,954.92	957.26
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,419.59	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,298.45	1,076.92
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,715.64	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	8,798.68	1,196.58
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,800.81	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	9,965.38	1,435.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,012.97	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	11,499.12	1,675.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,316.68	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	12,723.58	1,914.53
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,542.61	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door	13,926.55	2,153.83
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,763.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0010	EA		8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,146.50	1,196.58
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,887.77	
11 41 23 00-0011	EA		8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,011.41	1,316.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,064.23	
11 41 23 00-0012	EA		8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,294.77	1,555.55
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,304.95	
11 41 23 00-0013	EA		8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,972.59	1,794.86
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,644.86	
11 41 23 00-0014	EA		8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,276.03	2,034.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,891.19	
11 41 23 00-0015	EA		8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,620.71	2,273.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,147.21	
11 41 23 00-0016	EA		8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,922.79	2,512.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,393.54	
11 41 23 00-0017	EA		8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,263.62	2,752.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,648.29	
11 41 23 00-0018	EA		8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,572.15	2,991.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,895.89	
11 41 23 00-0019			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0020	EA		10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,338.30	1,435.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,356.20	
11 41 23 00-0021	EA		10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,736.38	1,675.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,625.99	
11 41 23 00-0022	EA		10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,194.42	1,914.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,910.32	
11 41 23 00-0023	EA		10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,572.83	2,153.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,175.26	
11 41 23 00-0024	EA		10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,050.86	2,393.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,465.71	
11 41 23 00-0025	EA		10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,429.96	2,632.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,729.38	
11 41 23 00-0026	EA		10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,912.40	2,871.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,021.35	
11 41 23 00-0027	EA		10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,284.25	3,111.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,284.77	
11 41 23 00-0028	EA		10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,765.68	3,350.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,575.21	
11 41 23 00-0029	EA		10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,146.93	3,589.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,840.16	
11 41 23 00-0030	EA		10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,786.96	3,948.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,130.86	
11 41 23 00-0031	EA		10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,311.47	4,307.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,394.27	
11 41 23 00-0032	EA		12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,058.89	1,794.86
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,916.44	
11 41 23 00-0033	EA		12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,668.33	2,034.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,239.27	
11 41 23 00-0034	EA		12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,150.71	2,273.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,529.71	
11 41 23 00-0035	EA		12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,752.67	2,512.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,851.01	
11 41 23 00-0036	EA		12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,242.42	2,752.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,142.99	
11 41 23 00-0037	EA		12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,844.71	2,991.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,464.03	
11 41 23 00-0038	EA		12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,322.14	3,230.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,754.48	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0039	EA		12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,935.16	3,470.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,077.31	
11 41 23 00-0040	EA		12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,498.63	3,769.22
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,367.75	
11 41 23 00-0041	EA		12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,261.93	4,128.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,689.05	
11 41 23 00-0042	EA		12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,906.99	4,487.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,981.03	
11 41 23 00-0043	EA		12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,664.63	4,846.14
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,302.07	
11 41 23 00-0044	EA		12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,300.04	5,205.11
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,592.52	
11 41 23 00-0045			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA		14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,502.27	2,153.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,907.62	
11 41 23 00-0047	EA		14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,292.42	2,393.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,276.10	
11 41 23 00-0048	EA		14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,228.44	2,632.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,679.00	
11 41 23 00-0049	EA		14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,017.90	2,871.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,047.73	
11 41 23 00-0050	EA		14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,941.57	3,111.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,449.10	
11 41 23 00-0051	EA		14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,742.26	3,350.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,819.36	
11 41 23 00-0052	EA		14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,669.21	3,589.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,220.73	
11 41 23 00-0053	EA		14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,621.36	3,948.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,589.46	
11 41 23 00-0054	EA		14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,703.81	4,307.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,992.36	
11 41 23 00-0055	EA		14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,675.49	4,666.65
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,360.83	
11 41 23 00-0056	EA		14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,747.08	5,025.62
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,762.46	
11 41 23 00-0057	EA		14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,709.31	5,324.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,132.46	
11 41 23 00-0058			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0059	EA		16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,180.89	2,512.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,708.07	
11 41 23 00-0060	EA		16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,245.92	2,752.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,143.86	
11 41 23 00-0061	EA		16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,243.97	2,991.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,563.85	
11 41 23 00-0062	EA		16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,308.92	3,230.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,001.17	
11 41 23 00-0063	EA		16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,310.56	3,470.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,421.16	
11 41 23 00-0064	EA		16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,455.43	3,769.22
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,856.95	
11 41 23 00-0065	EA		16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,619.59	4,128.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,278.47	
11 41 23 00-0066	EA		16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,839.93	4,487.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,714.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0067	EA		16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,993.33	4,846.14
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,134.25	
11 41 23 00-0068	EA		16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,216.26	5,205.11
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,571.57	
11 41 23 00-0069	EA		18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,949.78	2,871.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,530.70	
11 41 23 00-0070	EA		18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,067.25	3,111.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,980.52	
11 41 23 00-0071	EA		18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,295.32	3,350.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,457.62	
11 41 23 00-0072	EA		18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,410.97	3,589.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,906.17	
11 41 23 00-0073	EA		18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,801.72	3,948.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,384.55	
11 41 23 00-0074	EA		18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,066.75	4,307.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,833.09	
11 41 23 00-0075	EA		18' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,472.95	4,666.65
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,310.20	
11 41 23 00-0076	EA		18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,737.32	5,025.62
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,760.02	
11 41 23 00-0077	EA		18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,127.95	5,384.60
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,237.12	
11 41 23 00-0078	EA		18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,546.42	5,823.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,685.67	
11 41 23 00-0079			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
			Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0080	EA		6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	7,324.16	957.26
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,511.90	
11 41 23 00-0081	EA		6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	8,441.25	1,076.92
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,751.34	
11 41 23 00-0082	EA		6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,267.88	1,196.58
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-1,918.11	
11 41 23 00-0083	EA		6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,503.94	1,435.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,147.61	
11 41 23 00-0084	EA		6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,068.28	1,675.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,458.97	
11 41 23 00-0085	EA		6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,362.10	1,914.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,702.24	
11 41 23 00-0086	EA		6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,595.67	2,153.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,930.97	
11 41 23 00-0087	EA		8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	9,654.46	1,196.58
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,014.76	
11 41 23 00-0088	EA		8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	10,549.97	1,316.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,198.87	
11 41 23 00-0089	EA		8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,902.69	1,555.55
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,456.93	
11 41 23 00-0090	EA		8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,611.11	1,794.86
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,804.49	
11 41 23 00-0091	EA		8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,983.91	2,034.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,068.16	
11 41 23 00-0092	EA		8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,359.19	2,273.50
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,331.83	
11 41 23 00-0093	EA		8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,730.63	2,512.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,595.50	
11 41 23 00-0094	EA		8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,102.06	2,752.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,857.90	
11 41 23 00-0095	EA		8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,479.95	2,991.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,122.84	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 23 00-0096		Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.				
11 41 23 00-0097	EA	10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,907.46	1,435.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,498.49	
11 41 23 00-0098	EA	10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,374.90	1,675.21
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,785.62	
11 41 23 00-0099	EA	10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,863.54	1,914.53
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,077.60	
11 41 23 00-0100	EA	10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,311.31	2,153.83
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,359.88	
11 41 23 00-0101	EA	10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,819.94	2,393.15
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,657.98	
11 41 23 00-0102	EA	10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,268.40	2,632.47
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,938.99	
11 41 23 00-0103	EA	10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,781.44	2,871.79
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,238.61	
11 41 23 00-0104	EA	10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,222.65	3,111.10
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,519.37	
11 41 23 00-0105	EA	10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,734.68	3,350.42
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,817.46	
11 41 23 00-0106	EA	10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,185.29	3,589.73
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,099.75	
11 41 23 00-0107	EA	10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,855.92	3,948.71
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,398.10	
11 41 23 00-0108	EA	10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,449.79	4,247.85
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,678.85	
11 41 23 00-0109	EA	12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,766.77	1,794.86
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,093.41	
11 41 23 00-0110	EA	12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,406.81	2,034.18
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,423.89	
11 41 23 00-0111	EA	12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,958.55	2,273.50
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,731.67	
11 41 23 00-0112	EA	12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,591.11	2,512.82
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,060.62	
11 41 23 00-0113	EA	12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,150.22	2,752.13
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,369.94	
11 41 23 00-0114	EA	12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,783.11	2,991.44
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,698.63	
11 41 23 00-0115	EA	12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,329.90	3,230.76
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,006.42	
11 41 23 00-0116	EA	12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,973.52	3,470.07
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,336.90	
11 41 23 00-0117	EA	12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,606.35	3,769.22
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,644.68	
11 41 23 00-0118	EA	12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,400.25	4,128.19
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,973.63	
11 41 23 00-0119	EA	12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,114.67	4,487.17
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,282.95	
11 41 23 00-0120	EA	12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,902.91	4,846.14
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,611.64	
11 41 23 00-0121	EA	12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,607.68	5,205.11
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,919.43	
11 41 23 00-0122		Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.				
11 41 23 00-0123	EA	14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,271.35	2,153.83
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,099.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0124	EA		14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	21,130.86	2,393.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,485.71	
11 41 23 00-0125	EA		14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,097.48	2,632.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,896.26	
11 41 23 00-0126	EA		14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,956.30	2,871.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,282.33	
11 41 23 00-0127	EA		14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,910.57	3,111.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,691.35	
11 41 23 00-0128	EA		14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,780.62	3,350.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,078.95	
11 41 23 00-0129	EA		14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,738.17	3,589.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,487.97	
11 41 23 00-0130	EA		14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,759.68	3,948.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,874.04	
11 41 23 00-0131	EA		14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,872.73	4,307.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,284.59	
11 41 23 00-0132	EA		14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,913.77	4,666.65
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,670.40	
11 41 23 00-0133	EA		14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,015.96	5,025.62
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,079.68	
11 41 23 00-0134	EA		14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,047.55	5,384.60
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,467.02	
11 41 23 00-0135			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small>		
			Note: 10 Gauge smooth aluminum floor, galvalume exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136	EA		16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,088.69	2,512.82
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,935.02	
11 41 23 00-0137	EA		16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,184.32	2,752.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,378.46	
11 41 23 00-0138	EA		16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,251.73	2,991.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,815.79	
11 41 23 00-0139	EA		16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,347.28	3,230.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,260.76	
11 41 23 00-0140	EA		16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,418.28	3,470.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,698.09	
11 41 23 00-0141	EA		16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,593.75	3,769.22
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,141.53	
11 41 23 00-0142	EA		16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,827.27	4,128.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,580.39	
11 41 23 00-0143	EA		16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,078.21	4,487.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,023.83	
11 41 23 00-0144	EA		16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,300.97	4,846.14
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,461.16	
11 41 23 00-0145	EA		16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,554.50	5,205.11
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,906.13	
11 41 23 00-0146	EA		18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,918.78	2,871.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,772.95	
11 41 23 00-0147	EA		18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,105.61	3,111.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,240.11	
11 41 23 00-0148	EA		18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,364.28	3,350.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,724.86	
11 41 23 00-0149	EA		18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,549.29	3,589.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,190.75	
11 41 23 00-0150	EA		18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,970.64	3,948.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,676.78	
11 41 23 00-0151	EA		18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,305.03	4,307.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,142.66	
11 41 23 00-0152	EA		18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,741.83	4,666.65
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,627.42	

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 23 00-0153	EA	18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,075.56	5,025.62
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,094.58	
11 41 23 00-0154	EA	18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,496.79	5,384.60
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,579.33	
11 41 23 00-0155	EA	18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,984.62	5,823.34
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,045.22	
11 41 23 00-0156		Walk-In Refrigerated Unit Metal Price Add-Ons <small>(11 41 23 00-0001)</small>		
11 41 23 00-0157	SF	Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume	0.43	
11 41 23 00-0158	SF	Metal Price Add-ons, 24 GA White Polyester vs. 24 Gauge Galvalume	0.80	
11 41 23 00-0159	SF	Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume	1.13	
11 41 23 00-0160	SF	Metal Price Add-ons, 22 GA Stainless Steel vs. 24 Gauge Galvalume.....	7.96	
11 41 23 00-0161	SF	Metal Price Add-ons, 20 GA Stainless Steel vs. 24 Gauge Galvalume.....	10.40	
11 41 23 00-0162	SF	Metal Price Add-ons, 24 GA Embossed Tan Polyester vs. 24 Gauge Galvalume	1.28	
11 41 23 00-0163	SF	Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume	3.16	
11 41 23 00-0164	SF	Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume	4.08	
11 41 23 00-0165	SF	Metal Price Add-ons, 24 GA Smooth Kynar Painted vs. 24 Gauge Galvalume	4.28	
11 41 23 00-0166	SF	Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-5.76	
11 41 23 00-0167	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	2.40	
11 41 23 00-0168	SF	Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	6.23	
11 41 23 00-0169	SF	Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor.....	5.46	
11 41 23 00-0170	SF	Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor.....	17.70	
11 41 23 00-0171		Air Cooled Condensing Units For Walk-In Coolers And Freezers <small>(11 41 23)</small>		
11 41 23 00-0172		Medium Temperature Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0173		208/230 Volt, 1 Phase <small>(11 41 23 00-0172)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0174	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,445.22	116.70
11 41 23 00-0175	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,588.12	136.16
11 41 23 00-0176	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,981.58	155.60
11 41 23 00-0177	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,219.00	175.06
11 41 23 00-0178	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,546.89	194.50
11 41 23 00-0179	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,992.79	233.41
11 41 23 00-0180	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,405.00	272.31
11 41 23 00-0181	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,806.56	311.21
11 41 23 00-0182		208/230 Volt, 3 Phase <small>(11 41 23 00-0172)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	2,985.71	155.60
11 41 23 00-0184	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,219.00	175.06
11 41 23 00-0185	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,584.11	194.50
11 41 23 00-0186	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,948.47	233.41
11 41 23 00-0187	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,405.00	272.31
11 41 23 00-0188	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,755.15	311.21
11 41 23 00-0189		Medium Temperature Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0190		208/230 Volt, 1 Phase <small>(11 41 23 00-0189)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191	EA	1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,616.59	116.70
11 41 23 00-0192	EA	3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,883.58	136.16
11 41 23 00-0193	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,324.90	155.60
11 41 23 00-0194	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,468.96	175.06
11 41 23 00-0195	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,725.94	194.50
11 41 23 00-0196	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,248.07	233.41
11 41 23 00-0197	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,664.41	272.31
11 41 23 00-0198	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,067.75	311.21
11 41 23 00-0199		208/230 Volt, 3 Phase <small>(11 41 23 00-0189)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200	EA	1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,303.04	155.60
11 41 23 00-0201	EA	1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,477.82	175.06
11 41 23 00-0202	EA	2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,772.03	194.50
11 41 23 00-0203	EA	3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,204.34	233.41
11 41 23 00-0204	EA	4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,678.00	272.31
11 41 23 00-0205	EA	5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,013.38	311.21
11 41 23 00-0206		Low Temperature Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	-------	-------------	------------------------	----------------------

11 41 23 00-0207		208/230 Volt, 1 Phase <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
	11 41 23 00-0208	EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	233.41	116.70
	11 41 23 00-0209	EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	2,880.03	136.16
	11 41 23 00-0210	EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,022.94	155.60
	11 41 23 00-0211	EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,232.00	175.06
	11 41 23 00-0212	EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,517.93	194.50
	11 41 23 00-0213	EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,155.29	233.41
11 41 23 00-0214		208/230 Volt, 3 Phase <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
	11 41 23 00-0215	EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,027.08	155.60
	11 41 23 00-0216	EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,232.00	175.06
	11 41 23 00-0217	EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,556.34	194.50
	11 41 23 00-0218	EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,112.75	233.41
11 41 23 00-0219		Low Temperature Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220		208/230 Volt, 1 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
	11 41 23 00-0221	EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,074.55	116.70
	11 41 23 00-0222	EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,127.03	136.16
	11 41 23 00-0223	EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,300.67	155.60
	11 41 23 00-0224	EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,580.05	175.06
	11 41 23 00-0225	EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,907.35	194.50
	11 41 23 00-0226	EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,403.48	233.41
11 41 23 00-0227		208/230 Volt, 3 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
	11 41 23 00-0228	EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,407.63	155.60
	11 41 23 00-0229	EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,632.64	175.06
	11 41 23 00-0230	EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,949.89	194.50
	11 41 23 00-0231	EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,360.34	233.41
11 41 23 00-0232		Medium Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233		208/230 Volt, 1 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
	11 41 23 00-0234	EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,160.63	155.60
	11 41 23 00-0235	EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,217.68	311.21
11 41 23 00-0236		208/230 Volt, 3 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
	11 41 23 00-0237	EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,162.99	155.60
	11 41 23 00-0238	EA 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,367.08	194.50
	11 41 23 00-0239	EA 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,448.23	233.41
	11 41 23 00-0240	EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,121.36	311.21
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
	11 41 23 00-0243	EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,458.45	155.60
	11 41 23 00-0244	EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,504.11	311.21
11 41 23 00-0245		208/230 Volt, 3 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
	11 41 23 00-0246	EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,464.36	155.60
	11 41 23 00-0247	EA 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,094.08	194.50
	11 41 23 00-0248	EA 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,873.69	233.41
	11 41 23 00-0249	EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,695.14	311.21

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		208/230 Volt, 1 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,223.35	136.16
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,447.81	155.60
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,042.74	175.06
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,680.27	194.50
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,912.10	233.41
11 41 23 00-0257		208/230 Volt, 3 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,206.81	136.16
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	3,445.45	155.60
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,020.28	175.06
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	4,641.27	194.50
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,704.68	233.41
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,954.23	272.31
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,415.21	350.11
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	12,090.47	408.46
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,544.22	136.16
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,720.82	155.60
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,326.97	175.06
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,968.64	194.50
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,219.97	233.41
11 41 23 00-0273		208/230 Volt, 3 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,492.22	136.16
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	3,723.18	155.60
11 41 23 00-0276	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,318.11	175.06
11 41 23 00-0277	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,924.91	194.50
11 41 23 00-0278	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,032.65	233.41
11 41 23 00-0279	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,767.33	272.31
11 41 23 00-0280	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,280.32	350.11
11 41 23 00-0281	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	13,024.13	408.46
11 41 23 00-0282		Walk-In Refrigerated Boxes Accessories <small>(11 41 23)</small> See CSI section 08 71 00 00-0000 for additional door accessories.		
11 41 23 00-0283		Accessories <small>(11 41 23 00-0282)</small>		
11 41 23 00-0284	EA	Super Door Package, For 36" Or 42" Door.....	565.05	
11 41 23 00-0285	EA	Super Door Package, For 48" Door.....	757.83	
11 41 23 00-0286	EA	Super Door Package, For 60" Door.....	757.83	
11 41 23 00-0287	EA	14" x 24" Observation Window, Heated.....	854.05	
11 41 23 00-0288	EA	Heated Air Vent, Kason.....	318.55	
11 41 23 00-0289	EA	Heated Air Vent, Bally Polyvinyl Chloride (PVC).....	731.65	
11 41 23 00-0290	EA	Interior Ramps, For 36" Or 42" Wide Doors.....	1,048.77	
11 41 23 00-0291	EA	Interior Ramps, For 48" Wide Doors.....	1,145.67	
11 41 23 00-0292	EA	Interior Ramps, For 60" Wide Doors.....	1,257.87	
11 41 23 00-0293	EA	Exterior Ramps, For 36" Or 42" Wide Doors.....	430.65	
11 41 23 00-0294	EA	Exterior Ramps, For 48" Wide Doors.....	781.53	
11 41 23 00-0295	EA	Exterior Ramps, For 60" Wide Doors.....	781.53	
11 41 23 00-0296	EA	Field Installed Extra Vapor-Proof Lights.....	103.69	
11 41 23 00-0297	EA	Field Installed Fluorescent Lights, 48", 2 Tubes.....	550.45	
11 41 23 00-0298	EA	Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted).....	1,028.83	
11 41 23 00-0299	EA	Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted).....	1,080.85	
11 41 23 00-0300	EA	Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted).....	518.83	
11 41 23 00-0301	EA	Locking Devices, 36" Or 42" Wide Locking Bar.....	295.45	
11 41 23 00-0302	EA	Locking Devices, 48" Wide Locking Bar.....	336.25	
11 41 23 00-0303	EA	Locking Devices, 60" Wide Locking Bar.....	336.25	
11 41 23 00-0304	EA	Locking Devices, Mortise Dead Bolt (Cooler).....	593.29	
11 41 23 00-0305	EA	Locking Devices, Mortise Dead Bolt (Freezer).....	727.93	

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

11 41 23 00-0306	EA		Blast Freezer Kit, For 36" Or 42" Wide Doors.....	1,175.25	
11 41 23 00-0307	EA		Blast Freezer Kit, For 48" Wide Doors.....	1,240.53	
11 41 23 00-0308	EA		Blast Freezer Kit, For 60" Wide Doors.....	1,275.21	
11 41 23 00-0309	EA		Hardware Options, Polished For 36" Or 42" Door.....	56.10	
11 41 23 00-0310	EA		Hardware Options, Polished For 48" Or 60" Door.....	45.90	
11 41 23 00-0311	EA		Hardware Options, Chrome For 36" Or 42" Door.....	141.78	
11 41 23 00-0312	EA		Hardware Options, Chrome For 48" Or 60" Door.....	76.50	
11 41 23 00-0313	EA		Hardware Options, Positive Latch, 36" Or 42" Door.....	183.15	
11 41 23 00-0314	EA		Hardware Options, Strap Hinges, 36" Or 42" Door.....	134.19	
11 41 23 00-0315	EA		4" Scream Door.....	361.39	
11 41 23 00-0316	EA		Doors Cut For Tile.....	434.83	
11 41 23 00-0317	EA		84" High Doors (36" Wide).....	434.83	
11 41 23 00-0318	EA		Doors Raised Or Lowered In Panel.....	974.41	
11 41 23 00-0319	EA		57-1/2" Door Section.....	282.85	
11 41 23 00-0320	EA		3 Way (Interior And Exterior) Light Switches.....	239.35	
11 41 23 00-0321	EA		3 Way (1 Side Only) Light Switch.....	121.67	
11 41 23 00-0322	EA		Structural Support, 5" Reinforcing Ceilings (Every 23").....	218.38	
11 41 23 00-0323	EA		Structural Support, 6" Reinforcing Ceilings (Every 23").....	275.50	
11 41 23 00-0324	LF		Structural Support, Self-Supporting Standard Angle.....	29.44	
11 41 23 00-0325	LF		Structural Support, Self-Supporting 6" Channel.....	37.86	
11 41 23 00-0326	LF		Structural Support, Self-Supporting 8" Channel.....	54.43	
11 41 23 00-0327	LF		Structural Support, Self-Supporting 10" Channel.....	86.30	
11 41 23 00-0328	LF		Structural Support, Suspended Ceiling Support.....	16.13	
11 41 23 00-0329	LF		Factory Prepared Opening, Foam Cut Opening.....	5.36	
11 41 23 00-0330	LF		Factory Prepared Opening, Metal Capped Opening.....	17.85	
11 41 23 00-0331	LF		Factory Prepared Opening, Wood Framed Opening.....	15.03	
11 41 23 00-0332	LF		Factory Prepared Opening, Metal Capped Wood Framed Opening.....	27.54	
11 41 23 00-0333	LF		Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer).....	22.95	
11 41 23 00-0334	SF		Outdoor Weather Roofs, Aluminum Roof Caps.....	10.31	
11 41 23 00-0335	SF		Outdoor Weather Roofs, Membrane Roof Caps.....	5.61	
11 41 23 00-0336	SF		Outdoor Weather Roofs, Painted Aluminum Roofs.....	12.81	
11 41 23 00-0337	SF		1/8" Aluminum Tread Plate.....	29.68	
11 41 23 00-0338	SF		3/16" Aluminum Tread Plate.....	35.10	
11 41 23 00-0339	EA		Digitemp Display Thermometer (Indoor Exterior Wall).....	232.85	
11 41 23 00-0340	EA		4-1/2" Dial Type Thermometer With 5' Cap Tube.....	209.39	
11 41 23 00-0341	EA		6" Dial Type Thermometer With 5' Cap Tube.....	669.41	
11 41 23 00-0342	EA		2" Dial Type Thermometer (Standard).....	74.75	
11 41 23 00-0343	LF		Extra Capillary Tubing.....	9.05	

11 41 23 00-0344
Partition Wall For Walk-In Refrigerated Boxes (11 41 23 00-0282)

Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.

11 41 23 00-0345	EA		5'-10" Length Partition Wall, 7'-2"/7'-6" High.....	2,401.29	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	116.08	
11 41 23 00-0346	EA		6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	2,615.40	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	126.58	
11 41 23 00-0347	EA		7'-9" Length Partition Wall, 7'-2"/7'-6" High.....	2,690.79	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	130.15	
11 41 23 00-0348	EA		8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	2,908.98	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	140.86	
11 41 23 00-0349	EA		9'-8" Length Partition Wall, 7'-2"/7'-6" High.....	2,849.72	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	137.70	
11 41 23 00-0350	EA		10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,062.82	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	148.16	
11 41 23 00-0351	EA		11'-7" Length Partition Wall, 7'-2"/7'-6" High.....	3,128.00	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	151.22	
11 41 23 00-0352	EA		12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,430.85	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	166.16	
11 41 23 00-0353	EA		13'-6" Length Partition Wall, 7'-2"/7'-6" High.....	3,298.16	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	159.32	
11 41 23 00-0354	EA		14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,512.27	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	169.83	
11 41 23 00-0355	EA		15'-5" Length Partition Wall, 7'-2"/7'-6" High.....	3,592.75	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	173.66	
11 41 23 00-0356	EA		16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High.....	3,807.89	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	184.21	
11 41 23 00-0357	EA		17'-4" Length Partition Wall, 7'-2"/7'-6" High.....	4,385.23	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	212.88	
11 41 23 00-0358	EA		5'-10" Length Partition Wall, 8'-2"/8'-6" High.....	2,619.57	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	126.99	

11 Equipment

11 40 Foodservice Equipment

11 41 Foodservice Storage Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0359	EA		6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	2,801.04 135.86	
11 41 23 00-0360	EA		7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	2,889.69 140.10	
11 41 23 00-0361	EA		8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,131.34 151.98	
11 41 23 00-0362	EA		9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,059.84 148.21	
11 41 23 00-0363	EA		10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,300.48 160.04	
11 41 23 00-0364	EA		11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,390.14 164.32	
11 41 23 00-0365	EA		12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,630.77 176.15	
11 41 23 00-0366	EA		13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,559.28 172.38	
11 41 23 00-0367	EA		14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,799.91 184.21	
11 41 23 00-0368	EA		15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	3,889.57 188.50	
11 41 23 00-0369	EA		16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	4,130.21 200.33	
11 41 23 00-0370	EA		17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides. <i>For Embossed White Instead Of Galvalume On Both Sides, Add</i>	4,058.71 196.55	
11 41 23 00-0371 Glass Doors For Walk-In Refrigerated Boxes <small>(11 41 23 00-0282)</small>					
Note: Factory installed, includes lights and 5 tier shelves.					
11 41 23 00-0372	EA		23" x 67" Glass Door, Displayrite, Coolrite Model	1,012.86	
11 41 23 00-0373	EA		23" x 73" Glass Door, Displayrite, Coolrite Model	1,106.70	
11 41 23 00-0374	EA		30" x 67" Glass Door, Displayrite, Coolrite Model	1,115.88	
11 41 23 00-0375	EA		30" x 73" Glass Door, Displayrite, Coolrite Model	1,234.20	
11 41 23 00-0376	EA		23" x 67" Glass Door, Displayrite, Freezerite Model	1,354.56	
11 41 23 00-0377	EA		23" x 73" Glass Door, Displayrite, Freezerite Model	1,440.24	
11 41 23 00-0378	EA		30" x 67" Glass Door, Displayrite, Freezerite Model	1,445.34	
11 41 23 00-0379	EA		30" x 73" Glass Door, Displayrite, Freezerite Model	1,681.98	
11 41 23 00-0380	EA		24" x 67" Glass Door, Anthony Model 101	1,377.00	
11 41 23 00-0381	EA		26" x 67" Glass Door, Anthony Model 101	1,705.44	
11 41 23 00-0382	EA		30" x 67" Glass Door, Anthony Model 101	1,820.70	
11 41 23 00-0383	EA		30x75 Glass Door, Anthony Model 101	1,859.46	
11 41 23 00-0384	EA		24" x 67" Glass Door, Anthony Model 101	2,097.12	
11 41 23 00-0385	EA		26" x 67" Glass Door, Anthony Model 101	2,327.64	
11 41 23 00-0386	EA		30" x 67" Glass Door, Anthony Model 101	2,370.48	
11 41 23 00-0387	EA		30" x 75" Glass Door, Anthony Model 101	2,528.58	
11 41 23 00-0388	EA		23" x 67" Glass Door, Anthony Model 401	1,087.32	
11 41 23 00-0389	EA		26-3/4" x 67" Glass Door, Anthony Model 401	1,145.46	
11 41 23 00-0390	EA		30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20	
11 41 23 00-0391	EA		30-1/4" x 75" Glass Door, Anthony Model 401	1,320.90	
11 41 23 00-0392	EA		23" x 67" Glass Door, Anthony Model 401	1,466.76	
11 41 23 00-0393	EA		26-3/4" x 67" Glass Door, Anthony Model 401	1,535.10	
11 41 23 00-0394	EA		30-1/4" x 67" Glass Door, Anthony Model 401	1,540.20	
11 41 23 00-0395	EA		30-1/4" x 75" Glass Door, Anthony Model 401	1,833.96	
11 41 23 00-0396 Modular Wire Shelving For Walk-In Refrigerated Boxes <small>(11 41 23 00-0282)</small>					
11 41 23 00-0397	EA		14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	373.99 402.00	
11 41 23 00-0398	EA		14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	394.29 402.00	
11 41 23 00-0399	EA		14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	439.08 402.00	
11 41 23 00-0400	EA		14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	463.48 402.00	
11 41 23 00-0401	EA		14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	504.09 402.00	
11 41 23 00-0402	EA		18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	431.01 402.00	
11 41 23 00-0403	EA		18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	442.14 402.00	
11 41 23 00-0404	EA		18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	487.96 402.00	
11 41 23 00-0405	EA		18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	510.31 402.00	
11 41 23 00-0406	EA		18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	582.54 402.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0407	EA		21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	469.68 402.00	
11 41 23 00-0408	EA		21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	475.72 402.00	
11 41 23 00-0409	EA		21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	541.93 402.00	
11 41 23 00-0410	EA		21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	545.91 402.00	
11 41 23 00-0411	EA		21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	628.35 402.00	
11 41 23 00-0412	EA		14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	320.95 402.00	
11 41 23 00-0413	EA		14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	337.17 402.00	
11 41 23 00-0414	EA		14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	369.72 402.00	
11 41 23 00-0415	EA		14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	377.80 402.00	
11 41 23 00-0416	EA		14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	430.65 402.00	
11 41 23 00-0417	EA		18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	353.49 402.00	
11 41 23 00-0418	EA		18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	378.90 402.00	
11 41 23 00-0419	EA		18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	401.26 402.00	
11 41 23 00-0420	EA		18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	407.29 402.00	
11 41 23 00-0421	EA		18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	479.52 402.00	
11 41 23 00-0422	EA		21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	388.08 402.00	
11 41 23 00-0423	EA		21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	403.30 402.00	
11 41 23 00-0424	EA		21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	432.79 402.00	
11 41 23 00-0425	EA		21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	449.01 402.00	
11 41 23 00-0426	EA		21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	523.29 402.00	
11 41 23 00-0427	EA		14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,673.33 402.00	
11 41 23 00-0428	EA		14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,867.52 402.00	
11 41 23 00-0429	EA		14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,904.30 402.00	
11 41 23 00-0430	EA		14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,941.10 402.00	
11 41 23 00-0431	EA		14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,349.16 402.00	
11 41 23 00-0432	EA		18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,756.02 402.00	
11 41 23 00-0433	EA		18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,864.95 402.00	
11 41 23 00-0434	EA		18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,065.72 402.00	
11 41 23 00-0435	EA		18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,148.41 402.00	
11 41 23 00-0436	EA		18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,628.63 402.00	
11 41 23 00-0437	EA		21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	1,897.74 402.00	
11 41 23 00-0438	EA		21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,072.28 402.00	
11 41 23 00-0439	EA		21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,273.03 402.00	
11 41 23 00-0440	EA		21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,355.72 402.00	
11 41 23 00-0441	EA		21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts <i>For Cantilever Shelving, Add</i>	2,993.36 402.00	
11 41 23 00-0442	EA		14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	441.04 472.00	
11 41 23 00-0443	EA		14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	475.63 472.00	
11 41 23 00-0444	EA		14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	515.31 472.00	
11 41 23 00-0445	EA		14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	551.94 472.00	
11 41 23 00-0446	EA		14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	598.68 472.00	
11 41 23 00-0447	EA		18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	521.53 472.00	
11 41 23 00-0448	EA		18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	534.69 472.00	
11 41 23 00-0449	EA		18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	589.68 472.00	
11 41 23 00-0450	EA		18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	618.15 472.00	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 23 00-0451	EA	18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	705.68	
			472.00	
11 41 23 00-0452	EA	21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	568.35	
			472.00	
11 41 23 00-0453	EA	21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	586.62	
			472.00	
11 41 23 00-0454	EA	21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	648.75	
			472.00	
11 41 23 00-0455	EA	21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	662.94	
			472.00	
11 41 23 00-0456	EA	21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	760.68	
			472.00	
11 41 23 00-0457	EA	14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	376.78	
			472.00	
11 41 23 00-0458	EA	14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	396.07	
			472.00	
11 41 23 00-0459	EA	14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	435.75	
			472.00	
11 41 23 00-0460	EA	14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	444.84	
			472.00	
11 41 23 00-0461	EA	14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	508.92	
			472.00	
11 41 23 00-0462	EA	18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	425.65	
			472.00	
11 41 23 00-0463	EA	18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	455.13	
			472.00	
11 41 23 00-0464	EA	18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	518.28	
			472.00	
11 41 23 00-0465	EA	18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	514.11	
			472.00	
11 41 23 00-0466	EA	18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	575.12	
			472.00	
11 41 23 00-0467	EA	21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	467.37	
			472.00	
11 41 23 00-0468	EA	21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	485.64	
			472.00	
11 41 23 00-0469	EA	21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	522.27	
			472.00	
11 41 23 00-0470	EA	21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	540.54	
			472.00	
11 41 23 00-0471	EA	21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	632.16	
			472.00	
11 41 23 00-0472	EA	14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,042.76	
			472.00	
11 41 23 00-0473	EA	14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,284.51	
			472.00	
11 41 23 00-0474	EA	14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,329.49	
			472.00	
11 41 23 00-0475	EA	14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,374.47	
			472.00	
11 41 23 00-0476	EA	14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,882.57	
			472.00	
11 41 23 00-0477	EA	18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,145.14	
			472.00	
11 41 23 00-0478	EA	18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,280.29	
			472.00	
11 41 23 00-0479	EA	18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,530.24	
			472.00	
11 41 23 00-0480	EA	18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,632.62	
			472.00	
11 41 23 00-0481	EA	18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,230.89	
			472.00	
11 41 23 00-0482	EA	21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,321.29	
			472.00	
11 41 23 00-0483	EA	21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,538.44	
			472.00	
11 41 23 00-0484	EA	21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,788.39	
			472.00	
11 41 23 00-0485	EA	21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,890.77	
			472.00	
11 41 23 00-0486	EA	21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,685.82	
			472.00	

11 41 31 Non-Refrigerated Storage Equipment (11 41)**11 41 31 00-0001 Wall Cabinets (11 41 31)**

11 41 31 00-0002	EA	48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	1,713.11	61.77
11 41 31 00-0003	EA	72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,260.40	81.54
11 41 31 00-0004	EA	72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	2,594.48	93.48
11 41 31 00-0005	EA	72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	1,660.46	59.63

11 41 31 00-0006 Mobile Sheet Pan Truck (11 41 31)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 31 00-0007 EA 2 Level Mobile Sheet Pan Truck.....	160.04	5.31
11 41 31 00-0008 Pot And Utensil Rack (11 41 31)		
11 41 31 00-0009 EA 70" Bench Type Pot And Utensil Rack.....	466.90	16.18
11 41 31 00-0010 EA 94" Bench Type Pot And Utensil Rack.....	541.10	18.29
11 41 31 00-0011 EA 94" Ceiling Type Pot And Utensil Rack.....	643.31	21.91
11 41 31 00-0012 EA 96" Wall Type Pot And Utensil Rack.....	349.85	11.97
11 41 31 00-0013 Tray And Silverware Cart (11 41 31)		
11 41 31 00-0014 EA 33" x 22-1/2" x 42" Tray And Silverware Cart.....	1,614.85	54.61
11 41 31 00-0015 Flat Top Utility Units (11 41 31)		
11 41 31 00-0016 EA 39" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,101.02	37.33
11 41 31 00-0017 EA 79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units.....	1,475.43	49.89
11 41 33 Foodservice Shelving (11 41)		
11 41 33 00-0001 Shelving/Racks (11 41 33)		
11 41 33 00-0002 Chrome Shelving Units (11 41 33 00-0001)		
11 41 33 00-0003 54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)		
11 41 33 00-0004 EA 14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	185.39	28.24
11 41 33 00-0005 EA 14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	193.97	28.48
11 41 33 00-0006 EA 14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	204.53	28.71
11 41 33 00-0007 EA 14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	211.16	28.94
11 41 33 00-0008 EA 14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	223.65	29.18
11 41 33 00-0009 EA 14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	234.25	29.41
11 41 33 00-0010 EA 14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	242.83	29.64
11 41 33 00-0011 EA 14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	261.95	30.11
11 41 33 00-0012 EA 18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	199.87	28.48
11 41 33 00-0013 EA 18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	206.50	28.71
11 41 33 00-0014 EA 18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	213.14	28.94
11 41 33 00-0015 EA 18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	231.57	29.18
11 41 33 00-0016 EA 18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	244.10	29.41
11 41 33 00-0017 EA 18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	260.56	29.64
11 41 33 00-0018 EA 18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	267.15	29.88
11 41 33 00-0019 EA 18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	290.27	30.34
11 41 33 00-0020 EA 21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	208.48	28.71
11 41 33 00-0021 EA 21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	222.95	28.94
11 41 33 00-0022 EA 21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	233.55	29.18
11 41 33 00-0023 EA 21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	246.04	29.41
11 41 33 00-0024 EA 21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	254.66	29.64
11 41 33 00-0025 EA 21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	275.07	29.88
11 41 33 00-0026 EA 21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	285.61	30.11
11 41 33 00-0027 EA 21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	312.65	30.57
11 41 33 00-0028 EA 24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	226.95	28.94
11 41 33 00-0029 EA 24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	235.53	29.18
11 41 33 00-0030 EA 24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	242.12	29.41
11 41 33 00-0031 EA 24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	258.62	29.64
11 41 33 00-0032 EA 24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	269.17	29.88
11 41 33 00-0033 EA 24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	289.57	30.11
11 41 33 00-0034 EA 24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	304.04	30.34
11 41 33 00-0035 EA 24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	339.00	30.81
11 41 33 00-0036 EA 30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	290.73	29.18
11 41 33 00-0037 EA 30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	322.92	29.41
11 41 33 00-0038 EA 30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	343.38	29.64
11 41 33 00-0039 EA 30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	389.43	29.88
11 41 33 00-0040 EA 36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	319.13	30.11
11 41 33 00-0041 EA 36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	349.43	30.34
11 41 33 00-0042 EA 36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	387.53	30.57
11 41 33 00-0043 EA 36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit.....	449.35	31.04
11 41 33 00-0044 63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)		
11 41 33 00-0045 EA 14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	187.33	28.24
11 41 33 00-0046 EA 14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	195.91	28.48
11 41 33 00-0047 EA 14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	206.46	28.71
11 41 33 00-0048 EA 14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	213.10	28.94
11 41 33 00-0049 EA 14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	225.59	29.18
11 41 33 00-0050 EA 14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	236.18	29.41
11 41 33 00-0051 EA 14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	244.77	29.64
11 41 33 00-0052 EA 14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	263.88	30.11
11 41 33 00-0053 EA 18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	201.80	28.48
11 41 33 00-0054 EA 18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	208.44	28.71
11 41 33 00-0055 EA 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	215.08	28.94
11 41 33 00-0056 EA 18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	233.50	29.18
11 41 33 00-0057 EA 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	246.04	29.41
11 41 33 00-0058 EA 18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	262.49	29.64
11 41 33 00-0059 EA 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	269.09	29.88
11 41 33 00-0060 EA 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit.....	273.05	30.34

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR TOTAL DIRECT DEMOLITION
CSI UOM DESCRIPTION UNIT COST UNIT COST

11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	210.42	28.71
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	224.89	28.94
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	235.48	29.18
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	247.97	29.41
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	256.60	29.64
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	277.00	29.88
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	287.55	30.11
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	314.59	30.57
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	228.89	28.94
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	237.46	29.18
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	244.06	29.41
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	260.56	29.64
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	271.11	29.88
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	291.50	30.11
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	305.97	30.34
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	340.94	30.81
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	292.66	29.18
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	324.86	29.41
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	345.31	29.64
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	391.36	29.88
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	321.06	30.11
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	351.36	30.34
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	389.49	30.57
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	451.28	31.04

11 41 33 00-0085 66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	188.34	28.24
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	196.92	28.48
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	207.47	28.71
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	214.11	28.94
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	226.60	29.18
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	237.19	29.41
11 41 33 00-0092	EA	14" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	245.78	29.64
11 41 33 00-0093	EA	14" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	264.89	30.11
11 41 33 00-0094	EA	18" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	202.82	28.48
11 41 33 00-0095	EA	18" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	209.45	28.71
11 41 33 00-0096	EA	18" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	216.09	28.94
11 41 33 00-0097	EA	18" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	234.52	29.18
11 41 33 00-0098	EA	18" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	247.05	29.41
11 41 33 00-0099	EA	18" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	263.50	29.64
11 41 33 00-0100	EA	18" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	270.10	29.88
11 41 33 00-0101	EA	18" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	293.22	30.34
11 41 33 00-0102	EA	21" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	211.43	28.71
11 41 33 00-0103	EA	21" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	225.90	28.94
11 41 33 00-0104	EA	21" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	236.49	29.18
11 41 33 00-0105	EA	21" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	248.98	29.41
11 41 33 00-0106	EA	21" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	257.61	29.64
11 41 33 00-0107	EA	21" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	278.01	29.88
11 41 33 00-0108	EA	21" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	288.56	30.11
11 41 33 00-0109	EA	21" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	315.60	30.57
11 41 33 00-0110	EA	24" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	229.90	28.94
11 41 33 00-0111	EA	24" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	238.47	29.18
11 41 33 00-0112	EA	24" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	245.07	29.41
11 41 33 00-0113	EA	24" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	261.57	29.64
11 41 33 00-0114	EA	24" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	272.12	29.88
11 41 33 00-0115	EA	24" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	292.52	30.11
11 41 33 00-0116	EA	24" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	306.98	30.34
11 41 33 00-0117	EA	24" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	341.95	30.81
11 41 33 00-0118	EA	30" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	293.67	29.18
11 41 33 00-0119	EA	30" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	325.87	29.41
11 41 33 00-0120	EA	30" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	346.33	29.64
11 41 33 00-0121	EA	30" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	392.37	29.88
11 41 33 00-0122	EA	36" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	322.07	30.11
11 41 33 00-0123	EA	36" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	352.37	30.34
11 41 33 00-0124	EA	36" x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	390.49	30.57
11 41 33 00-0125	EA	36" x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	452.29	31.04

11 41 33 00-0126 74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0127	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	191.28	28.24
11 41 33 00-0128	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	199.87	28.48
11 41 33 00-0129	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	210.42	28.71
11 41 33 00-0130	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	217.06	28.94
11 41 33 00-0131	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	229.55	29.18
11 41 33 00-0132	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	240.14	29.41
11 41 33 00-0133	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	248.73	29.64
11 41 33 00-0134	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	267.84	30.11
11 41 33 00-0135	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	205.76	28.48
11 41 33 00-0136	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	212.40	28.71
11 41 33 00-0137	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	219.04	28.94
11 41 33 00-0138	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	237.46	29.18
11 41 33 00-0139	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	249.99	29.41
11 41 33 00-0140	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	266.45	29.64
11 41 33 00-0141	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	273.05	29.88

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

11 41 33 00-0142	EA	18"	72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	296.16	30.34
11 41 33 00-0143	EA	21" x 24"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	214.38	28.71
11 41 33 00-0144	EA	21" x 30"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	228.85	28.94
11 41 33 00-0145	EA	21" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	239.44	29.18
11 41 33 00-0146	EA	21" x 42"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	251.93	29.41
11 41 33 00-0147	EA	21" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	260.56	29.64
11 41 33 00-0148	EA	21" x 54"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	280.96	29.88
11 41 33 00-0149	EA	21" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	291.50	30.11
11 41 33 00-0150	EA	21" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	318.55	30.57
11 41 33 00-0151	EA	24" x 24"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	232.85	28.94
11 41 33 00-0152	EA	24" x 30"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	241.42	29.18
11 41 33 00-0153	EA	24" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	248.02	29.41
11 41 33 00-0154	EA	24" x 42"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	264.51	29.64
11 41 33 00-0155	EA	24" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	275.07	29.88
11 41 33 00-0156	EA	24" x 54"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	295.46	30.11
11 41 33 00-0157	EA	24" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	309.93	30.34
11 41 33 00-0158	EA	24" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	344.90	30.81
11 41 33 00-0159	EA	30" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	296.62	29.18
11 41 33 00-0160	EA	30" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	328.82	29.41
11 41 33 00-0161	EA	30" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	349.27	29.64
11 41 33 00-0162	EA	30" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	395.32	29.88
11 41 33 00-0163	EA	36" x 36"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	325.02	30.11
11 41 33 00-0164	EA	36" x 48"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	355.32	30.34
11 41 33 00-0165	EA	36" x 60"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	393.45	30.57
11 41 33 00-0166	EA	36" x 72"	Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit.....	455.24	31.04

11 41 33 00-0167 86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0168	EA	14" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	199.16	28.24
11 41 33 00-0169	EA	14" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	207.74	28.48
11 41 33 00-0170	EA	14" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	218.29	28.71
11 41 33 00-0171	EA	14" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	224.93	28.94
11 41 33 00-0172	EA	14" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	237.42	29.18
11 41 33 00-0173	EA	14" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	248.02	29.41
11 41 33 00-0174	EA	14" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	256.60	29.64
11 41 33 00-0175	EA	14" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	275.72	30.11
11 41 33 00-0176	EA	18" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	213.64	28.48
11 41 33 00-0177	EA	18" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	220.27	28.71
11 41 33 00-0178	EA	18" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	226.91	28.94
11 41 33 00-0179	EA	18" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	245.34	29.18
11 41 33 00-0180	EA	18" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	257.87	29.41
11 41 33 00-0181	EA	18" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	274.33	29.64
11 41 33 00-0182	EA	18" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	280.92	29.88
11 41 33 00-0183	EA	18" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	304.04	30.34
11 41 33 00-0184	EA	21" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	222.25	28.71
11 41 33 00-0185	EA	21" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	236.72	28.94
11 41 33 00-0186	EA	21" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	247.32	29.18
11 41 33 00-0187	EA	21" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	259.80	29.41
11 41 33 00-0188	EA	21" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	268.43	29.64
11 41 33 00-0189	EA	21" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	288.84	29.88
11 41 33 00-0190	EA	21" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	299.38	30.11
11 41 33 00-0191	EA	21" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	326.42	30.57
11 41 33 00-0192	EA	24" x 24"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	240.72	28.94
11 41 33 00-0193	EA	24" x 30"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	249.29	29.18
11 41 33 00-0194	EA	24" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	255.89	29.41
11 41 33 00-0195	EA	24" x 42"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	272.39	29.64
11 41 33 00-0196	EA	24" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	282.94	29.88
11 41 33 00-0197	EA	24" x 54"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	303.34	30.11
11 41 33 00-0198	EA	24" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	317.80	30.34
11 41 33 00-0199	EA	24" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	352.77	30.81
11 41 33 00-0200	EA	30" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	304.49	29.18
11 41 33 00-0201	EA	30" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	336.69	29.41
11 41 33 00-0202	EA	30" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	357.15	29.64
11 41 33 00-0203	EA	30" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	403.19	29.88
11 41 33 00-0204	EA	36" x 36"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	332.89	30.11
11 41 33 00-0205	EA	36" x 48"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	363.19	30.34
11 41 33 00-0206	EA	36" x 60"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	401.33	30.57
11 41 33 00-0207	EA	36" x 72"	Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit.....	463.11	31.04

11 41 33 00-0208 96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0209	EA	14" x 24"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	228.24	28.24
11 41 33 00-0210	EA	14" x 30"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	238.79	28.48
11 41 33 00-0211	EA	14" x 36"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	251.81	28.71
11 41 33 00-0212	EA	14" x 42"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	259.93	28.94
11 41 33 00-0213	EA	14" x 48"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	275.37	29.18
11 41 33 00-0214	EA	14" x 54"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	288.44	29.41
11 41 33 00-0215	EA	14" x 60"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	298.99	29.64
11 41 33 00-0216	EA	14" x 72"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	322.54	30.11
11 41 33 00-0217	EA	18" x 24"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	246.16	28.48
11 41 33 00-0218	EA	18" x 30"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	254.28	28.71
11 41 33 00-0219	EA	18" x 36"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	262.40	28.94
11 41 33 00-0220	EA	18" x 42"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	285.26	29.18
11 41 33 00-0221	EA	18" x 48"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	300.75	29.41
11 41 33 00-0222	EA	18" x 54"	Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit.....	321.15	29.64

11	Equipment
11 40	Foodservice Equipment
11 41	Foodservice Storage Equipment

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

11 41 33 00-0223	EA		18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	329.21	29.88
11 41 33 00-0224	EA		18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	357.76	30.34
11 41 33 00-0225	EA		21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	256.76	28.71
11 41 33 00-0226	EA		21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	274.67	28.94
11 41 33 00-0227	EA		21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	287.74	29.18
11 41 33 00-0228	EA		21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	303.17	29.41
11 41 33 00-0229	EA		21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	313.78	29.64
11 41 33 00-0230	EA		21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	339.11	29.88
11 41 33 00-0231	EA		21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	352.12	30.11
11 41 33 00-0232	EA		21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	385.57	30.57
11 41 33 00-0233	EA		24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	279.67	28.94
11 41 33 00-0234	EA		24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	290.21	29.18
11 41 33 00-0235	EA		24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	298.28	29.41
11 41 33 00-0236	EA		24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	318.73	29.64
11 41 33 00-0237	EA		24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	331.74	29.88
11 41 33 00-0238	EA		24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	357.06	30.11
11 41 33 00-0239	EA		24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	374.97	30.34
11 41 33 00-0240	EA		24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	418.33	30.81
11 41 33 00-0241	EA		30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	359.21	29.18
11 41 33 00-0242	EA		30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	399.28	29.41
11 41 33 00-0243	EA		30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	424.67	29.64
11 41 33 00-0244	EA		30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	482.06	29.88
11 41 33 00-0245	EA		36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	394.01	30.11
11 41 33 00-0246	EA		36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	431.71	30.34
11 41 33 00-0247	EA		36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	479.20	30.57
11 41 33 00-0248	EA		36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	556.08	31.04

11 41 33 00-0249 Galvanized Shelving Units (11 41 33 00-0001)

11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0251	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	205.05	28.24
11 41 33 00-0252	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	214.18	28.48
11 41 33 00-0253	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	225.45	28.71
11 41 33 00-0254	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	234.57	28.94
11 41 33 00-0255	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	247.95	29.18
11 41 33 00-0256	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	259.17	29.41
11 41 33 00-0257	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	270.45	29.64
11 41 33 00-0258	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	288.68	30.11
11 41 33 00-0259	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	220.50	28.48
11 41 33 00-0260	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	227.56	28.71
11 41 33 00-0261	EA		18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	240.89	28.94
11 41 33 00-0262	EA		18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	256.37	29.18
11 41 33 00-0263	EA		18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	269.74	29.41
11 41 33 00-0264	EA		18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	287.29	29.64
11 41 33 00-0265	EA		18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	300.67	29.88
11 41 33 00-0266	EA		18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	321.08	30.34
11 41 33 00-0267	EA		21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	229.66	28.71
11 41 33 00-0268	EA		21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	247.25	28.94
11 41 33 00-0269	EA		21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	258.47	29.18
11 41 33 00-0270	EA		21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	271.85	29.41
11 41 33 00-0271	EA		21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	280.98	29.64
11 41 33 00-0272	EA		21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	304.88	29.88
11 41 33 00-0273	EA		21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	316.14	30.11
11 41 33 00-0274	EA		21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	349.16	30.57
11 41 33 00-0275	EA		24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	251.46	28.94
11 41 33 00-0276	EA		24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	260.58	29.18
11 41 33 00-0277	EA		24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	267.64	29.41
11 41 33 00-0278	EA		24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	285.19	29.64
11 41 33 00-0279	EA		24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	304.88	29.88
11 41 33 00-0280	EA		24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	326.66	30.11
11 41 33 00-0281	EA		24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	344.25	30.34
11 41 33 00-0282	EA		24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	383.64	30.81

11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0284	EA		14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	209.26	28.24
11 41 33 00-0285	EA		14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	218.39	28.48
11 41 33 00-0286	EA		14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	229.66	28.71
11 41 33 00-0287	EA		14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	238.78	28.94
11 41 33 00-0288	EA		14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	252.16	29.18
11 41 33 00-0289	EA		14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	263.38	29.41
11 41 33 00-0290	EA		14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	274.66	29.64
11 41 33 00-0291	EA		14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	292.89	30.11
11 41 33 00-0292	EA		18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	224.71	28.48
11 41 33 00-0293	EA		18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	231.77	28.71
11 41 33 00-0294	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	245.10	28.94
11 41 33 00-0295	EA		18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	260.58	29.18
11 41 33 00-0296	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	273.95	29.41
11 41 33 00-0297	EA		18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	291.50	29.64
11 41 33 00-0298	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	304.88	29.88
11 41 33 00-0299	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	325.26	30.34
11 41 33 00-0300	EA		21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	233.87	28.71
11 41 33 00-0301	EA		21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	251.46	28.94
11 41 33 00-0302	EA		21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	262.68	29.18

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

11 41 33 00-0303	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	276.06	29.41
11 41 33 00-0304	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	285.19	29.64
11 41 33 00-0305	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	309.09	29.88
11 41 33 00-0306	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	320.35	30.11
11 41 33 00-0307	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	353.37	30.57
11 41 33 00-0308	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	255.67	28.94
11 41 33 00-0309	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	264.79	29.18
11 41 33 00-0310	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	271.85	29.41
11 41 33 00-0311	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	289.40	29.64
11 41 33 00-0312	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	309.09	29.88
11 41 33 00-0313	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	330.87	30.11
11 41 33 00-0314	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	348.46	30.34
11 41 33 00-0315	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	387.85	30.81

11 41 33 00-0316 74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0317	EA	14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	213.47	28.24
11 41 33 00-0318	EA	14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	222.60	28.48
11 41 33 00-0319	EA	14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	233.87	28.71
11 41 33 00-0320	EA	14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	242.99	28.94
11 41 33 00-0321	EA	14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	256.37	29.18
11 41 33 00-0322	EA	14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	267.59	29.41
11 41 33 00-0323	EA	14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	278.87	29.64
11 41 33 00-0324	EA	14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	297.10	30.11
11 41 33 00-0325	EA	18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	228.92	28.48
11 41 33 00-0326	EA	18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	235.98	28.71
11 41 33 00-0327	EA	18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	249.31	28.94
11 41 33 00-0328	EA	18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	264.79	29.18
11 41 33 00-0329	EA	18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	278.16	29.41
11 41 33 00-0330	EA	18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	295.71	29.64
11 41 33 00-0331	EA	18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	309.09	29.88
11 41 33 00-0332	EA	18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	329.47	30.34
11 41 33 00-0333	EA	21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	238.08	28.71
11 41 33 00-0334	EA	21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	255.67	28.94
11 41 33 00-0335	EA	21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	266.89	29.18
11 41 33 00-0336	EA	21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	280.27	29.41
11 41 33 00-0337	EA	21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	289.40	29.64
11 41 33 00-0338	EA	21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	313.30	29.88
11 41 33 00-0339	EA	21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	324.56	30.11
11 41 33 00-0340	EA	21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	357.58	30.57
11 41 33 00-0341	EA	24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	259.88	28.94
11 41 33 00-0342	EA	24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	269.00	29.18
11 41 33 00-0343	EA	24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	276.06	29.41
11 41 33 00-0344	EA	24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	293.61	29.64
11 41 33 00-0345	EA	24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	313.30	29.88
11 41 33 00-0346	EA	24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	335.08	30.11
11 41 33 00-0347	EA	24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	352.67	30.34
11 41 33 00-0348	EA	24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	392.06	30.81

11 41 33 00-0349 86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit (11 41 33 00-0249)

11 41 33 00-0350	EA	14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	224.04	28.24
11 41 33 00-0351	EA	14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	233.17	28.48
11 41 33 00-0352	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	244.44	28.71
11 41 33 00-0353	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	253.56	28.94
11 41 33 00-0354	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	266.94	29.18
11 41 33 00-0355	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	278.16	29.41
11 41 33 00-0356	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	289.44	29.64
11 41 33 00-0357	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	307.67	30.11
11 41 33 00-0358	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	239.49	28.48
11 41 33 00-0359	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	246.55	28.71
11 41 33 00-0360	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	259.88	28.94
11 41 33 00-0361	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	275.36	29.18
11 41 33 00-0362	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	288.73	29.41
11 41 33 00-0363	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	306.28	29.64
11 41 33 00-0364	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	319.66	29.88
11 41 33 00-0365	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	340.04	30.34
11 41 33 00-0366	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	248.65	28.71
11 41 33 00-0367	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	266.24	28.94
11 41 33 00-0368	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	277.46	29.18
11 41 33 00-0369	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	290.84	29.41
11 41 33 00-0370	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	299.97	29.64
11 41 33 00-0371	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	323.87	29.88
11 41 33 00-0372	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	335.13	30.11
11 41 33 00-0373	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	368.15	30.57
11 41 33 00-0374	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	270.45	28.94
11 41 33 00-0375	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	279.57	29.18
11 41 33 00-0376	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	286.63	29.41
11 41 33 00-0377	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	304.18	29.64
11 41 33 00-0378	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	323.87	29.88
11 41 33 00-0379	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	345.65	30.11
11 41 33 00-0380	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	363.24	30.34
11 41 33 00-0381	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	402.63	30.81

11 Equipment
11 40 Foodservice Equipment
11 41 Foodservice Storage Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0382			54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0383	EA		18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	361.14	28.94
11 41 33 00-0384	EA		18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	394.20	29.41
11 41 33 00-0385	EA		18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	437.80	29.88
11 41 33 00-0386	EA		18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	464.50	30.34
11 41 33 00-0387	EA		24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	392.06	29.41
11 41 33 00-0388	EA		24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	448.33	29.88
11 41 33 00-0389	EA		24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	491.91	30.34
11 41 33 00-0390	EA		24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit	556.60	30.81
11 41 33 00-0391			63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0392	EA		18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	365.35	28.94
11 41 33 00-0393	EA		18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	398.42	29.41
11 41 33 00-0394	EA		18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	442.01	29.88
11 41 33 00-0395	EA		18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	468.71	30.34
11 41 33 00-0396	EA		24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	396.27	29.41
11 41 33 00-0397	EA		24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	452.54	29.88
11 41 33 00-0398	EA		24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	496.12	30.34
11 41 33 00-0399	EA		24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit	560.81	30.81
11 41 33 00-0400			74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0401	EA		18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	369.56	28.94
11 41 33 00-0402	EA		18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	402.63	29.41
11 41 33 00-0403	EA		18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	446.23	29.88
11 41 33 00-0404	EA		18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	472.92	30.34
11 41 33 00-0405	EA		24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	400.48	29.41
11 41 33 00-0406	EA		24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	456.75	29.88
11 41 33 00-0407	EA		24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	500.33	30.34
11 41 33 00-0408	EA		24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	565.03	30.81
11 41 33 00-0409			86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit (11 41 33 00-0249)		
11 41 33 00-0410	EA		18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	380.13	28.94
11 41 33 00-0411	EA		18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	413.19	29.41
11 41 33 00-0412	EA		18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	456.79	29.88
11 41 33 00-0413	EA		18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	483.49	30.34
11 41 33 00-0414	EA		24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	411.05	29.41
11 41 33 00-0415	EA		24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	467.32	29.88
11 41 33 00-0416	EA		24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	510.90	30.34
11 41 33 00-0417	EA		24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	575.59	30.81
11 41 33 00-0418			Stainless Steel Shelving Unit (11 41 33 00-0001)		
11 41 33 00-0419			63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)		
11 41 33 00-0420	EA		18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	612.17	28.94
11 41 33 00-0421	EA		18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	712.73	29.41
11 41 33 00-0422	EA		18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	839.81	29.88
11 41 33 00-0423	EA		18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	972.88	30.34
11 41 33 00-0424	EA		24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	721.15	29.41
11 41 33 00-0425	EA		24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	836.50	29.88
11 41 33 00-0426	EA		24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	987.66	30.34
11 41 33 00-0427	EA		24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,187.34	30.81
11 41 33 00-0428			74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)		
11 41 33 00-0429	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	633.27	28.94
11 41 33 00-0430	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	733.83	29.41
11 41 33 00-0431	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	863.91	29.88
11 41 33 00-0432	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	993.97	30.34
11 41 33 00-0433	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	742.25	29.41
11 41 33 00-0434	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	857.59	29.88
11 41 33 00-0435	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,008.75	30.34
11 41 33 00-0436	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,208.44	30.81
11 41 33 00-0437			86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)		
11 41 33 00-0438	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	654.36	28.94
11 41 33 00-0439	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	754.92	29.41
11 41 33 00-0440	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	885.00	29.88
11 41 33 00-0441	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,015.07	30.34
11 41 33 00-0442	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	763.34	29.41
11 41 33 00-0443	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	878.69	29.88
11 41 33 00-0444	EA		24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,029.85	30.34
11 41 33 00-0445	EA		24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,229.53	30.81
11 41 33 00-0446			63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit (11 41 33 00-0418)		
11 41 33 00-0447	EA		18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	726.11	28.94
11 41 33 00-0448	EA		18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	800.21	29.41

Equipment	11
Foodservice Equipment	11 40
Foodservice Storage Equipment	11 41

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

11 41 33 00-0449	EA	18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	898.45	29.88
11 41 33 00-0450	EA	18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	957.94	30.34
11 41 33 00-0451	EA	24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	864.60	29.41
11 41 33 00-0452	EA	24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,013.68	29.88
11 41 33 00-0453	EA	24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,122.51	30.34
11 41 33 00-0454	EA	24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,285.07	30.81
11 41 33 00-0455		74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0456	EA	18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	747.20	28.94
11 41 33 00-0457	EA	18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	822.58	29.41
11 41 33 00-0458	EA	18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	922.55	29.88
11 41 33 00-0459	EA	18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	983.04	30.34
11 41 33 00-0460	EA	24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	885.70	29.41
11 41 33 00-0461	EA	24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,034.77	29.88
11 41 33 00-0462	EA	24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,144.79	30.34
11 41 33 00-0463	EA	24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,309.17	30.81
11 41 33 00-0464		86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0465	EA	18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	768.30	28.94
11 41 33 00-0466	EA	18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	843.27	29.41
11 41 33 00-0467	EA	18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	942.72	29.88
11 41 33 00-0468	EA	18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,002.93	30.34
11 41 33 00-0469	EA	24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	906.79	29.41
11 41 33 00-0470	EA	24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,055.87	29.88
11 41 33 00-0471	EA	24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,165.21	30.34
11 41 33 00-0472	EA	24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,328.53	30.81
11 41 33 00-0473		Galvanized Steel Dunnage Rack <small>(11 41 33 00-0001)</small>		
11 41 33 00-0474	EA	18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	154.07	20.81
11 41 33 00-0475	EA	18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	161.82	21.39
11 41 33 00-0476	EA	18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	170.58	21.98
11 41 33 00-0477	EA	18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	186.32	22.55
11 41 33 00-0478	EA	18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	200.08	23.13
11 41 33 00-0479	EA	24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	164.07	20.81
11 41 33 00-0480	EA	24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	177.82	21.39
11 41 33 00-0481	EA	24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	186.58	21.98
11 41 33 00-0482	EA	24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	201.32	22.55
11 41 33 00-0483	EA	24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	218.08	23.13
11 41 33 00-0484		Stainless Steel Dunnage Rack <small>(11 41 33 00-0001)</small>		
11 41 33 00-0485	EA	18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	378.99	21.98
11 41 33 00-0486	EA	18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	470.05	22.55
11 41 33 00-0487	EA	18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	779.09	23.13
11 41 33 00-0488	EA	24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	412.43	21.98
11 41 33 00-0489	EA	24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	508.77	22.55
11 41 33 00-0490	EA	24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	847.43	23.13
11 41 33 00-0491		Mobile Racks <small>(11 41 33 00-0001)</small>		
11 41 33 00-0492	EA	Mobile Rack With Pan Slide.....	1,380.57	35.04
11 41 33 00-0493		Can Racks <small>(11 41 33 00-0001)</small>		
11 41 33 00-0494	EA	27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack	2,027.50	35.04
		Note: 156 #10 cans capacity		
11 42		Food Preparation Equipment <small>(11 40)</small>		
11 42 13		Food Preparation Appliances <small>(11 42)</small>		
11 42 13 00-0001		Vertical Cutter Mixers <small>(11 42 13)</small>		
11 42 13 00-0002	EA	Bench Type Mixers, 25 Quart	8,133.71	189.20
11 42 13 00-0003	EA	Bench Type Mixers, 40 Quart	9,339.37	189.20
11 42 13 00-0004	EA	Bench Type Mixers, 80 Quart	11,713.76	325.42
11 42 13 00-0005	EA	Bench Type Mixers, 130 Quart	13,270.35	529.76
11 42 13 00-0006		Choppers <small>(11 42 13)</small>		
11 42 13 00-0007	EA	Choppers, 5 LB	2,050.28	151.36
11 42 13 00-0008	EA	Choppers, 16 LB	3,006.36	196.77
11 42 13 00-0009	EA	Choppers, 35 LB - 40 LB	5,790.48	242.18
11 42 13 00-0010	EA	Choppers, 35 LB - 40 LB/Min, 2 HP	4,801.48	215.16
11 42 13 00-0011	EA	Choppers, 35 LB - 40 LB/Min, 3 HP	5,442.68	215.16
11 42 13 00-0012		Floor Model Mixer <small>(11 42 13)</small>		
11 42 13 00-0013	EA	Floor Type Mixers, 20 Quart	3,875.49	113.52
11 42 13 00-0014	EA	Floor Type Mixers, 60 Quart	9,531.30	75.68
11 42 13 00-0015	EA	Floor Type Mixers, 80 Quart	15,044.92	75.68

11 Equipment
11 40 Foodservice Equipment
11 42 Food Preparation Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0016	EA		Floor Type Mixers, 140 Quart	19,068.09	121.09
11 42 13 00-0017			Slicers <small>(11 42 13)</small>		
11 42 13 00-0018	EA		Slicer With Table.....	3,239.50	109.28
11 42 13 00-0019			Peelers <small>(11 42 13)</small>		
11 42 13 00-0020	EA		Small Peeler.....	2,226.86	122.98
11 42 13 00-0021	EA		Large Peeler	2,361.91	164.00
11 42 13 00-0022			Proof Boxes <small>(11 42 13)</small>		
11 42 13 00-0023	EA		30-1/2" x 22-1/2", Stainless Steel Proof Box.....	1,135.38	54.61
11 42 13 00-0024	EA		30-1/2" x 45", Stainless Steel Proof Box.....	1,900.03	91.51
11 42 13 00-0025	EA		30-1/2" x 45", Galvanized Proof Box.....	1,687.56	41.54
11 42 13 00-0026			Non-Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0027	EA		Angle Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	1,540.38	52.33
11 42 13 00-0028	EA		Angle Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,652.41	55.95
11 42 13 00-0029	EA		Channel Slide 69-3/4", Solid Door Non Insulated Heated Proof Cabinet.....	1,529.92	51.90
11 42 13 00-0030	EA		Channel Slide 69-3/4", Clear Door Non Insulated Heated Proof Cabinet.....	1,621.51	55.03
11 42 13 00-0031			Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0032	EA		3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	2,507.10	90.47
11 42 13 00-0033	EA		3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	2,619.96	94.59
11 42 13 00-0034			Pass-Thru Hot Food Holding Cabinet <small>(11 42 13)</small>		
11 42 13 00-0035	EA		Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	3,846.11	158.93
11 42 13 00-0036	EA		Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	4,086.21	158.93
11 42 13 00-0037	EA		Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	5,197.17	166.49
11 42 13 00-0038	EA		Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	5,687.61	166.49
11 42 16 Food Preparation Surfaces <small>(11 42)</small>					
11 42 16 00-0001			Tables <small>(11 42 16)</small>		
11 42 16 00-0002			Baker's Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0003	EA		4' Open Base Baker's Table.....	750.64	40.34
11 42 16 00-0004	EA		10' Open Base Baker's Table.....	1,473.26	79.09
11 42 16 00-0005	EA		10' Undershelf Baker's Table.....	1,817.77	97.60
11 42 16 00-0006	EA		10' Three Drawers Baker's Table.....	1,949.61	104.79
11 42 16 00-0007	EA		10' Bins Baker's Table.....	2,868.40	154.22
11 42 16 00-0008	EA		10' Bins And Drawers Baker's Table.....	4,504.22	242.09
11 42 16 00-0009			Preparation Table, Stainless Steel, With Undershelf <small>(11 42 16 00-0001)</small>		
11 42 16 00-0010	EA		30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf.....	417.34	21.27
11 42 16 00-0011	EA		30" x 72" Marine Edge Stainless Steel Preparation Table With Undershelf.....	451.87	25.54
11 42 16 00-0012	EA		36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf.....	679.83	34.72
11 42 16 00-0013			Preparation Table, Stainless Steel, With Open Front <small>(11 42 16 00-0001)</small>		
11 42 16 00-0014	EA		30" X 72" Round Edge Stainless Steel Preparation Table With Open Front.....	439.44	22.38
11 42 16 00-0015	EA		36" X 96" Round Edge Stainless Steel Preparation Table With Open Front.....	564.82	28.79
11 42 16 00-0016	EA		36" X 96" Square Edge Stainless Steel Preparation Table With Open Front.....	485.17	24.76
11 42 16 00-0017	EA		36" X 96" Marine Edge Stainless Steel Preparation Table With Open Front.....	583.99	29.82
11 42 16 00-0018	EA		Roller Utility Drawers Stainless Steel Preparation Table With Open Front.....	117.97	6.01
11 42 16 00-0019			Mobile Tables <small>(11 42 16 00-0001)</small>		
11 42 16 00-0020	EA		21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	1,606.86	19.06
11 42 16 00-0021	EA		32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	873.35	22.85
11 42 16 00-0022	EA		32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top.....	502.90	25.70
11 42 16 00-0023			Hot Food Tables, Stainless Steel, Gas Or Electric <small>(11 42 16 00-0001)</small>		
11 42 16 00-0024	EA		32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables.....	898.16	45.87
11 42 16 00-0025	EA		32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables.....	728.49	37.18
11 42 16 00-0026	EA		Full Size Pan With Cover Stainless Steel Hot Food Tables.....	60.46	3.08
11 42 16 00-0027	EA		Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables.....	88.45	4.51
11 42 16 00-0028	EA		58-1/2", 4 Openings Stainless Steel Hot Food Tables.....	1,772.58	85.53
11 42 16 00-0029	EA		114-1/2", 8 Openings Stainless Steel Hot Food Tables.....	3,526.77	170.64
11 42 16 00-0030			Basic Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0031	LF		Table, Basic.....	253.46	19.49

		Equipment		11
		Foodservice Equipment		11 40
		Food Preparation Equipment		11 42
MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST

11 42 16 00-0032	Table With Sink ^(11 42 16)			
11 42 16 00-0033	LF Table With Sink.....	310.77		32.45

11 42 23 Food Preparation Scullery Sinks ^(11 42)

11 42 23 00-0001	Stainless Steel Scullery Sinks ^(11 42 23)			
Note: Excludes faucet. See CSI section 22 42 39 00-0088 for service sink faucets.				
11 42 23 00-0002	EA Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard.....	1,963.61		136.16
	For Additional Drain Board, Add	182.75		
11 42 23 00-0003	EA Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard.....	2,708.36		155.60
	For Additional Drain Board, Add	256.25		
11 42 23 00-0004	EA Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard.....	3,548.71		155.60
	For Additional Drain Board, Add	339.31		
11 42 23 00-0005	EA Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard.....	5,006.10		155.60
	For Additional Drain Board, Add	485.05		
11 42 23 00-0006	EA Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard.....	3,223.04		155.60

11 44 Food Cooking Equipment ^(11 44)

11 44 13 Commercial Ranges ^(11 44)

11 44 13 00-0001	Range ^(11 44 13)			
11 44 13 00-0002	EA Heavy Duty Range, With 34" Open Top Oven.....	1,929.16		75.68
11 44 13 00-0003	EA Range With Fry Top.....	1,929.16		75.68
11 44 13 00-0004	EA Steel Finish Fry Top.....	4,105.50		102.71
11 44 13 00-0005	EA Stainless Top Only Fry Top.....	4,103.62		101.54
11 44 13 00-0006	EA Stainless Top And 2 Sides Fry Top.....	4,741.90		118.23
11 44 13 00-0007	EA Gas Range, Vulcan #260L.....	4,280.51		105.34
Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.				

11 44 16 Commercial Ovens ^(11 44)

11 44 16 00-0001	Bake Oven ^(11 44 16)			
11 44 16 00-0002	EA Bake Oven - Single Deck.....	4,004.92		113.52
11 44 16 00-0003	EA Bake Oven - Double Deck.....	8,152.70		151.36
11 44 16 00-0004	EA Bake Oven - Triple Deck.....	11,853.87		151.36
11 44 16 00-0005	EA Rotary Oven, Gas, Medium.....	30,049.80		4,919.20

11 44 16 00-0006 Combination Ovens ^(11 44 16)

Note: Convection, steam and combination modes.				
11 44 16 00-0007	EA 35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven.....	12,219.93		132.44
11 44 16 00-0008	EA 35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven.....	20,008.14		151.36
11 44 16 00-0009	EA 35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven.....	16,544.58		151.36
11 44 16 00-0010	EA 35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven.....	39,824.23		189.20
11 44 16 00-0011	EA 35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven.....	30,261.04		189.20

11 44 16 00-0012 Electric Convection Type Oven ^(11 44 16)

11 44 16 00-0013	EA 40" x 45" x 57" Convection Oven.....	6,261.88		128.65
11 44 16 00-0014	EA 30" x 25" x 29" Half Size Electric Convection Oven.....	3,614.92		132.44
11 44 16 00-0015	EA 30" x 25" x 66-3/4" Half Size Electric Convection Oven.....	7,343.74		141.90
11 44 16 00-0016	EA 40" x 41-1/2" x 56-3/4" Single Deck Electric Convection Oven.....	5,081.81		141.90
11 44 16 00-0017	EA 40" x 41-1/2" x 70" Single Deck Electric Convection Oven.....	9,586.02		151.36

11 44 16 00-0018 Broiler, Without Oven ^(11 44 16)

11 44 16 00-0019	EA 69" x 26" x 39" Broiler Without Oven.....	5,351.41		121.09
11 44 16 00-0020	EA Conveyor Broiler.....	4,759.26		140.54

11 44 19 Other Commercial Cooking Equipment ^(11 44)

11 44 19 00-0001	Electric Griddle ^(11 44 19)			
11 44 19 00-0002	EA 24" Wide x 24" Deep Electric Griddle.....	2,193.73		104.06
11 44 19 00-0003	EA 36" Wide x 24" Deep Electric Griddle.....	3,093.35		104.06
11 44 19 00-0004	EA 48" Wide x 24" Deep Electric Griddle.....	3,537.10		113.52
11 44 19 00-0005	EA 60" Wide x 24" Deep Electric Griddle.....	4,218.96		113.52
11 44 19 00-0006	EA 72" Wide x 24" Deep Electric Griddle.....	5,393.83		122.98

11 44 19 00-0007 Fryer, With Submerger ^(11 44 19)

11 44 19 00-0008	EA Single Fryer With Submerger.....	2,935.18		121.09
11 44 19 00-0009	EA Double Fryer With Submerger.....	5,935.87		151.36
11 44 19 00-0010	EA Fryer Battery With Filter Unit (Single 42 LB Capacity).....	8,980.23		196.77
11 44 19 00-0011	EA Fryer Battery With Filter Unit (Triple 42 LB Capacity).....	21,212.28		245.96
11 44 19 00-0012	EA 50 LB Capacity, 208 Volt, Electric Fryer.....	3,454.99		151.36
11 44 19 00-0013	EA 50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	5,046.61		158.93
11 44 19 00-0014	EA 50 LB Capacity, 480 Volt, Electric Fryer.....	3,622.06		151.36
11 44 19 00-0015	EA 50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	5,213.68		158.93
11 44 19 00-0016	EA 85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	11,398.28		196.77

11 Equipment
11 40 Foodservice Equipment
11 44 Food Cooking Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0017	EA		85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	11,672.44	196.77
11 44 19 00-0018			Kettles, Steam Jacketed <small>(11 44 19)</small>		
11 44 19 00-0019	EA		5 Gallon Kettle, With Stand.....	3,011.80	84.27
11 44 19 00-0020	EA		20 Gallon Kettle With Steam Jacket.....	3,987.93	84.27
11 44 19 00-0021	EA		40 Gallon Kettle With Steam Jacket.....	7,074.05	84.27
11 44 19 00-0022	EA		60 Gallon Kettle With Steam Jacket.....	11,046.50	84.27
11 44 19 00-0023			Steamers, Electric <small>(11 44 19)</small>		
11 44 19 00-0024			Cooking Equipment/ Steamers <small>(11 44 19 00-0023)</small>		
11 44 19 00-0025	EA		3 Pan, Electric Countertop Convection Steamer.....	4,714.61	158.93
11 44 19 00-0026	EA		5 Pan, Electric Countertop Convection Steamer.....	6,184.87	166.49
11 44 19 00-0027	EA		3 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	4,369.03	158.93
11 44 19 00-0028	EA		5 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	6,334.08	166.49
11 44 19 00-0029			Braising Pans <small>(11 44 19)</small>		
11 44 19 00-0030	EA		24" x 24", 240 Volt, Tilting Braising Pan.....	6,339.89	146.88
11 44 19 00-0031	EA		24" x 31", 240 Volt, Tilting Braising Pan.....	6,690.23	154.46
11 44 19 00-0032	EA		24" x 41", 240 Volt, Tilting Braising Pan.....	7,125.61	164.49
11 44 19 00-0033	EA		24" x 24", 62,000 BTU/Hour, Tilting Braising Pan.....	8,264.81	191.53
11 44 19 00-0034	EA		24" x 31", 90,000 BTU/Hour, Tilting Braising Pan.....	8,546.26	197.44
11 44 19 00-0035	EA		24" x 41", 120,000 BTU/Hour, Tilting Braising Pan.....	8,878.32	202.66
11 44 19 00-0036			Toasters <small>(11 44 19)</small>		
11 44 19 00-0037	EA		Bun Toaster 3.2 KW.....	1,255.69	30.85
11 44 19 00-0038	EA		Bun Toaster 4.3 KW.....	1,370.40	33.61
11 44 19 00-0039	EA		Pop-Up Toaster, 2 Slot.....	427.70	81.96
11 44 19 00-0040	EA		Conveyor Toaster.....	734.11	122.98
11 44 19 00-0041			Microwave Ovens <small>(11 44 19)</small>		
11 44 19 00-0042	EA		1,000 Watt Commercial Grade Microwave Oven, Freestanding Metallic Cabinet With Dial Timer.....	667.15	
11 44 19 00-0043	EA		1,000 Watt Commercial Grade Microwave Oven, Freestanding Stainless Steel Cabinet With Digital Display.....	925.86	
11 44 19 00-0044			Ceramic Broiler On Storage Base With Doors <small>(11 44 19)</small>		
11 44 19 00-0045	EA		Standard Finish Ceramic Boiler On Storage Base With Doors.....	5,223.62	120.42
11 44 19 00-0046	EA		Stainless Steel Front Ceramic Boiler On Storage Base With Doors.....	5,223.62	120.42
11 44 19 00-0047	EA		Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	6,492.44	150.33
11 44 19 00-0048			Gas Countertop Hot Plate <small>(11 44 19)</small>		
11 44 19 00-0049	EA		2 Burners Gas Countertop Hot Plate.....	665.96	15.33
11 46 Food Dispensing Equipment <small>(11 40)</small>					
11 46 13 Bar Equipment <small>(11 46)</small>					
11 46 13 00-0001			Soft Serve Machines <small>(11 46 13)</small>		
11 46 13 00-0002	EA		Soft Serve Machines, Medium.....	9,134.38	89.46
11 46 13 00-0003	EA		Soft Serve Machines, Large.....	15,405.47	109.28
11 46 13 00-0004			Salad Bars <small>(11 46 13)</small>		
11 46 13 00-0005	EA		96" Refrigerated Salad Bar With Light 54" Height.....	6,882.96	326.53
11 46 13 00-0006	EA		96" Refrigerated Salad Bar Without Light 54" Height.....	6,324.41	326.53
11 46 13 00-0007	EA		96" Iced Salad Bar Without Light 54" Height.....	4,426.75	179.40
11 46 13 00-0008	EA		79" Iced Salad Bar Without Light 54" Height.....	3,503.16	147.38
11 46 13 00-0009	EA		79" Refrigerated Salad Bar Without Light 54" Height.....	5,318.49	216.22
11 46 13 00-0010	EA		114" Iced Salad Bar 34" Height.....	5,839.49	191.53
11 46 13 00-0011	EA		Salad Bar Tray Fixed.....	1,149.74	32.44
11 46 13 00-0012	EA		Salad Bar Tray Hinged.....	1,223.37	32.44
11 46 16 Service Line Equipment <small>(11 46)</small>					
11 46 16 00-0001			Food Warmer Holding Station <small>(11 46 16)</small>		
11 46 16 00-0002	EA		Food Warmer Station And Heat Lamp.....	463.95	11.39
11 46 16 00-0003			Roll And Food Warmers <small>(11 46 16)</small>		
11 46 16 00-0004	EA		One Drawer, 16 Roll Capacity Food Warmer.....	998.38	24.52
11 46 16 00-0005	EA		Three Drawer, 36 Roll Capacity Food Warmer.....	2,284.76	56.16
11 46 16 00-0006			Hot Cabinets With Top Wells Electric <small>(11 46 16)</small>		
11 46 16 00-0007	EA		2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric.....	5,341.21	120.42
11 46 16 00-0008	EA		3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric.....	7,631.24	172.57

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

11 46 16 00-0009 Portable Hot Food Units <small>(11 46 16)</small>					
11 46 16 00-0010	EA		44-1/2", 3 Opening Portable Hot Food Unit	1,178.18	26.63
11 46 16 00-0011	EA		72-1/2", 5 Opening Portable Hot Food Unit	1,715.42	38.76
11 46 16 00-0012 Stationary Hot Food Units <small>(11 46 16)</small>					
11 46 16 00-0013	EA		44-1/2", 3 Opening Stationary Hot Food Unit	1,060.07	24.52
11 46 16 00-0014	EA		72-1/2", 5 Opening Stationary Hot Food Unit	1,564.19	36.15
11 46 16 00-0015 Serving Counters <small>(11 46 16)</small>					
11 46 16 00-0016	LF		11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	94.23	30.88
11 46 16 00-0017	LF		11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	119.68	47.30
11 46 16 00-0018 Drop-In Equipment <small>(11 46 16)</small>					
11 46 16 00-0019	EA		Hot Food Well, Rectangular	406.45	98.38
11 46 16 00-0020	EA		Hot Food Well, Circular	373.68	98.38
11 46 16 00-0021	EA		Refrigerated Well, 2 Compartment	985.13	98.38
11 46 16 00-0022	EA		Refrigerated Well, 3 Compartment	1,117.36	109.28
11 46 16 00-0023	EA		Refrigerated Well, 4 Compartment	1,268.58	122.98
11 46 16 00-0024	EA		Frost Cold Plate	1,545.49	109.28
11 46 16 00-0025 Beverage Dispensing <small>(11 46 16)</small>					
11 46 16 00-0026	EA		Coffee Urn, Twin 3 Gallon	2,505.11	150.95
11 46 16 00-0027	EA		Coffee Urn, Twin 6 Gallon	3,567.75	211.30
11 46 16 00-0028	EA		Coffee Brewer, 5 Burner	1,039.01	150.95
11 46 16 00-0029	EA		Hot Chocolate Dispenser	1,010.31	124.33
11 46 16 00-0030	EA		Iced Tea Brewer	1,477.17	124.33
11 46 16 00-0031	EA		Juice Dispenser (Concentrate)	1,092.12	218.41
11 46 16 00-0032	EA		Jet Spray Dispenser	1,542.99	218.64
11 46 16 00-0033	EA		Milk Dispenser, Bulk, 2 Flavor	1,291.07	122.98
11 46 16 00-0034	EA		Milk Dispenser, Bulk, 3 Flavor	1,757.93	122.98
11 46 16 00-0035 Dish Dispensers <small>(11 46 16)</small>					
11 46 16 00-0036	EA		Dish Dispenser, 12", Drop-in	518.56	25.02
11 46 16 00-0037	EA		Dish Dispenser, Mobile	1,611.32	29.23
11 46 16 00-0038	EA		Cup And Glass Dispenser, Drop-in	889.49	77.80
11 46 16 00-0039	EA		Disposable Cup Dispenser, Drop-in	321.71	17.52
11 46 16 00-0040 Tray And Silver Dispensers <small>(11 46 16)</small>					
11 46 16 00-0041	EA		Tray And Silver Dispensers Mobile	2,010.59	17.52
11 46 16 00-0042 Condiment Dispensers <small>(11 46 16)</small>					
11 46 16 00-0043	EA		Butter Pat Dispenser	120.79	21.94
11 46 16 00-0044	EA		Bread Dispenser, Counter Top	335.38	21.94
11 46 16 00-0045 Sandwich Rack Warmer <small>(11 46 16)</small>					
11 46 16 00-0046	EA		18 Compartment, 2 Tier Sandwich Rack Warmer	2,521.56	90.87
11 46 16 00-0047 Mobile Bread Counter <small>(11 46 16)</small>					
11 46 16 00-0048	EA		Mobile Bread And Roll Counter	5,787.67	204.28
11 46 16 00-0049 Open Service Stand <small>(11 46 16)</small>					
11 46 16 00-0050	EA		6' Open Service Stand	2,234.86	75.42
11 46 16 00-0051	LF		Each Additional Ft Over 6 Ft Add	305.74	10.19
11 46 16 00-0052 Mobile Serving Stand Unit <small>(11 46 16)</small>					
11 46 16 00-0053	EA		36" Mobile Serving Stand Unit	1,952.33	72.13
11 46 16 00-0054	EA		96" Mobile Serving Stand Unit	3,208.32	108.12
11 46 16 00-0055 Reach-In Heated Cabinets <small>(11 46 16)</small>					
11 46 16 00-0056	EA		Heated Cabinet, Reach-in, 1 Compartment	3,937.99	126.16
11 46 16 00-0057	EA		Heated Cabinet, Reach-in, 2 Compartment	5,673.96	158.70
11 46 16 00-0058	EA		Heated Cabinet, 1 Compartment, Pass-Through Roll-In	4,122.27	126.16
11 46 16 00-0059	EA		Heated Cabinet, Pass-Through, Roll-In 2 Compartment	5,941.79	158.70
11 46 16 00-0060 Mobile Heated Cabinets <small>(11 46 16)</small>					

11 Equipment
11 40 Foodservice Equipment
11 46 Food Dispensing Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 46 16 00-0061 EA Heated Cabinet, Mobile4,428.58 43.80

11 46 19 Soda Fountain Equipment (11 46)

11 46 19 00-0001 Carbonated Beverage Dispensing (11 46 19)
 11 46 19 00-0002 EA Carbonated Beverage Dispenser2,759.18 307.48
 11 46 19 00-0003 EA Carbonated Beverage Dispenser With 90 LB Ice4,377.00 351.39
 11 46 19 00-0004 EA Carbonated Beverage Dispenser With 150 LB Ice8,047.33 491.92

11 46 19 00-0005 Beverage Chilling Systems (11 46 19)

11 46 19 00-0006 EA Beverage Chiller, Small4,131.63 259.31
 11 46 19 00-0007 EA Beverage Chiller, Large7,675.05 389.01

11 46 83 Ice Machines (11 46)

11 46 83 00-0001 Ice Cube Maker (11 46 83)
 11 46 83 00-0002 EA 101 LB/Day, Self Contained Ice Maker With Built-In Bin1,780.94 132.44
 11 46 83 00-0003 EA 201 LB/Day, Self Contained Ice Maker With Built-In Bin2,107.46 141.90
 11 46 83 00-0004 EA 260 LB/Day, Self Contained Ice Maker With Built-In Bin2,412.01 151.36
 11 46 83 00-0005 EA 320 LB/Day, Modular Ice Maker Without Bin2,129.43 141.90
 11 46 83 00-0006 EA 451 LB/Day, Modular Ice Maker Without Bin2,312.52 151.36
 11 46 83 00-0007 EA 600 LB/Day, Modular Ice Maker Without Bin2,636.13 151.36
 11 46 83 00-0008 EA 901 LB/Day, Modular Ice Maker Without Bin3,739.97 160.82
 11 46 83 00-0009 EA 1301 LB/Day, Modular Ice Maker Without Bin4,232.62 160.82
 11 46 83 00-0010 EA 1601 LB/Day, Modular Ice Maker Without Bin5,090.25 170.28
 11 46 83 00-0011 EA 1900 LB/Day, Modular Ice Maker Without Bin5,613.79 170.28

11 46 83 00-0012 Ice Flakers (11 46 83)

11 46 83 00-0013 EA Ice Flakers, 300 LB/Day3,277.82 422.76
 11 46 83 00-0014 EA Ice Flakers, 600 LB/Day5,899.41 676.42
 11 46 83 00-0015 EA Ice Flakers, 1,000 LB/Day7,335.78 930.08
 11 46 83 00-0016 EA Ice Flakers, 2,000 LB/Day8,905.91 1,014.63

11 46 83 00-0017 Ice Storage Bins (11 46 83)

11 46 83 00-0018 EA 260 LB Stainless Steel Ice Storage Bin887.02 105.15
 11 46 83 00-0019 EA 360 LB Stainless Steel Ice Storage Bin966.12 105.15
 11 46 83 00-0020 EA 550 LB Stainless Steel Ice Storage Bin1,194.57 113.90
 11 46 83 00-0021 EA 660 LB Stainless Steel Ice Storage Bin1,282.46 113.90
 11 46 83 00-0022 EA 1150 LB Stainless Steel Ice Storage Bin2,398.58 122.67

11 48 Foodservice Cleaning and Disposal Equipment (11 40)

11 48 13 Commercial Dishwashers (11 48)

11 48 13 00-0001 Sprays And Hoses (11 48 13)
 11 48 13 00-0002 Sprays, Fillers (11 48 13 00-0001)
 11 48 13 00-0003 EA Pre-Rinse Spray328.35 61.77
 11 48 13 00-0004 EA Kettle Fillers287.40 61.77

11 48 13 00-0005 Hoses (11 48 13 00-0001)

11 48 13 00-0006 EA Hose Reel394.02 74.16
 11 48 13 00-0007 EA Wash-Down Hose312.11 74.16
 11 48 13 00-0008 EA Hose Reel And Spray System With Accessories (Chicago 535NF)1,204.43

11 48 13 00-0009 Rack Type Dishwasher (11 48 13)

11 48 13 00-0010 EA Dishwasher, 1 Tank And 190 Racks/Hour7,102.38 169.04
 11 48 13 00-0011 EA Dishwasher, 2 Tanks And 234 Racks/Hour11,844.68 236.66
 11 48 13 00-0012 EA Dishwasher, 2 Tanks And 265 Racks/Hour14,243.66 253.56
 11 48 13 00-0013 EA Dishwasher, Automatic - 100 Meals/Hour11,380.93 126.78
 11 48 13 00-0014 EA Dishwasher, Machine Rack13,342.43 352.20
 11 48 13 00-0015 EA Dishwasher, Hobart LX30-H3,567.05 147.91

11 48 13 00-0016 Exhaust Hood Dishwasher (11 48 13)

11 48 13 00-0017 EA 4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides1,461.41 166.18
 11 48 13 00-0018 EA 4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides2,458.97 199.42

11 48 13 00-0019 Dish Tables (11 48 13)

11 48 13 00-0020 LF Clean/Soiled Dish Table, Basic176.63 32.45
 11 48 13 00-0021 LF Clean/Soiled Dish Table With Trough276.62 48.63
 11 48 13 00-0022 LF Clean/Soiled Dish Table, Maximum337.71 64.81

11 48 16 Food Waste Disposers (11 48)

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

11 48 16 00-0001	Garbage Disposals <small>(11 48 16)</small> Note: Manual switch.		
11 48 16 00-0002	EA Garbage Disposal 1.5 HP At 100 GPH.....	2,000.20	126.78
11 48 16 00-0003	EA Garbage Disposal 3 HP At 120 GPH.....	3,072.40	84.52
11 48 16 00-0004	EA Garbage Disposal 5 HP At 250 GPH.....	3,669.49	169.04
11 48 16 00-0005	EA Garbage Disposal 7-1/2 HP.....	5,060.58	168.03
11 48 16 00-0006	Pulper/Extractors <small>(11 48 16)</small>		
11 48 16 00-0007	EA 5 HP, Pulper/Extractor, Close-Coupled.....	4,461.12	176.05

11 50 Educational And Scientific Equipment (11)

11 52 Audio-Visual Equipment (11 50)

11 52 13 Projection Screens (11 52)

11 52 13 13 Fixed Projection Screens (11 52 13)

11 52 13 13-0001 Screens (11 52 13 13)

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)

11 52 13 13-0003	EA 40" x 40" Pull Down Projection Screen (Da-Lite B).....	179.77	55.38
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0004	EA 50" x 50" Pull Down Projection Screen (Da-Lite B).....	217.46	71.21
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0005	EA 60" x 60" Pull Down Projection Screen (Da-Lite B).....	286.80	98.90
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0006	EA 70" x 70" Pull Down Projection Screen (Da-Lite B).....	336.36	118.68
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0007	EA 84" x 84" Pull Down Projection Screen (Da-Lite B).....	515.04	178.02
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0008	EA 96" x 96" Pull Down Projection Screen (Da-Lite B).....	594.60	197.80
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0009	EA 64" x 84" Pull Down Projection Screen (Da-Lite B).....	412.18	126.59
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0010	EA 72" x 96" Pull Down Projection Screen (Da-Lite B).....	485.48	158.23
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0011	EA 43" x 57" Pull Down Projection Screen (Da-Lite B).....	243.50	67.25
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0012	EA 50" x 67" Pull Down Projection Screen (Da-Lite B).....	338.89	94.94
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0013	EA 55" x 77" Pull Down Projection Screen (Da-Lite B).....	372.63	106.81
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0014	EA 60" x 80" Pull Down Projection Screen (Da-Lite B).....	398.44	114.72
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0015	EA 69" x 92" Pull Down Projection Screen (Da-Lite B).....	465.92	138.46
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0016	EA 45" x 80" Pull Down Projection Screen (Da-Lite B).....	366.80	98.90
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0017	EA 52" x 92" Pull Down Projection Screen (Da-Lite B).....	418.44	114.72
	<i>For High Contrast Matte, Add</i>	40.00	
	<i>For Video Spectra Fabric, Add</i>	40.00	
	<i>For High Power Fabric, Add</i>	120.00	

11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) (11 52 13 13-0001)

11 Equipment
11 50 Educational And Scientific Equipment
11 52 Audio-Visual Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0019	EA		50" x 50" Pull Down Projection Screen (Da-Lite C).....	357.46	71.21
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0020	EA		60" x 60" Pull Down Projection Screen (Da-Lite C).....	436.80	98.90
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0021	EA		70" x 70" Pull Down Projection Screen (Da-Lite C).....	528.01	134.50
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0022	EA		84" x 84" Pull Down Projection Screen (Da-Lite C).....	635.04	178.02
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0023	EA		6' x 8' Pull Down Projection Screen (Da-Lite C).....	682.95	181.97
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0024	EA		8' x 8' Pull Down Projection Screen (Da-Lite C).....	734.60	197.80
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0025	EA		7' x 9' Pull Down Projection Screen (Da-Lite C).....	744.60	197.80
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0026	EA		9' x 9' Pull Down Projection Screen (Da-Lite C).....	798.33	209.67
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0027	EA		8' x 10' Pull Down Projection Screen (Da-Lite C).....	852.07	221.53
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0028	EA		10' x 10' Pull Down Projection Screen (Da-Lite C).....	913.71	237.36
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0029	EA		9' x 12' Pull Down Projection Screen (Da-Lite C).....	993.71	237.36
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0030	EA		12' x 12' Pull Down Projection Screen (Da-Lite C).....	1,191.96	316.48
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0031			Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) (11 52 13 13-0001) Note: With controlled screen return.		
11 52 13 13-0032	EA		60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	636.80	98.90
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0033	EA		70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	738.01	134.50
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0034	EA		84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	845.04	178.02
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0035	EA		6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	882.95	181.97
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0036	EA		8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	944.60	197.80
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0037	EA		7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	954.60	197.80
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0038	EA		9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,008.33	209.67
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0039	EA		8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,034.16	217.57
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	
11 52 13 13-0040	EA		10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,153.71	237.36
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0041 EA 9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,243.71 40.00 40.00 120.00	237.36
11 52 13 13-0042 EA 12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,461.96 40.00 40.00 120.00	316.48
11 52 13 13-0043 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) <small>(11 52 13 13-0001)</small> Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044 EA 50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,296.33	89.01
11 52 13 13-0045 EA 60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,329.46	98.90
11 52 13 13-0046 EA 70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,394.37	118.68
11 52 13 13-0047 EA 84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,627.82	178.02
11 52 13 13-0048 EA 6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,667.76	181.97
11 52 13 13-0049 EA 8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,772.80	197.80
11 52 13 13-0050 EA 7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,806.17	197.80
11 52 13 13-0051 EA 9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	1,897.91	211.64
11 52 13 13-0052 EA 8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,007.10	221.53
11 52 13 13-0053 EA 10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,082.78	237.36
11 52 13 13-0054 EA 9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,142.83	237.36
11 52 13 13-0055 EA 12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,405.18	316.48
11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) <small>(11 52 13 13-0001)</small> Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	2,173.71	237.36
11 52 13 13-0058 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	2,411.96	316.48
11 52 13 13-0059 EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	2,951.07	356.04
11 52 13 13-0060 EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	3,130.19	395.60
11 52 13 13-0061 EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	3,388.44	474.71
11 52 13 13-0062 EA 13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	3,767.55	514.28
11 52 13 13-0063 EA 18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,116.67	553.84
11 52 13 13-0064 EA 15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,316.67	553.84
11 52 13 13-0065 EA 20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,684.92	632.96
11 52 13 13-0066 EA 11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,267.55	514.28
11 52 13 13-0067 EA 16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,604.92	632.96
11 52 13 13-0068 EA 22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,863.15	712.07
11 52 13 13-0069 EA 12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	4,546.67	553.84
11 52 13 13-0070 EA 18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	5,863.15	712.07
11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) <small>(11 52 13 13-0001)</small> Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072 EA 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	1,877.02	89.01
11 52 13 13-0073 EA 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	1,926.80	98.90
11 52 13 13-0074 EA 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	1,986.36	118.68
11 52 13 13-0075 EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,175.04	178.02
11 52 13 13-0076 EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,202.95	181.97
11 52 13 13-0077 EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,294.60	197.80
11 52 13 13-0078 EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,354.60	197.80
11 52 13 13-0079 EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,412.29	211.64
11 52 13 13-0080 EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,482.07	221.53
11 52 13 13-0081 EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,553.71	237.36
11 52 13 13-0082 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,573.71	237.36
11 52 13 13-0083 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	2,831.96	316.48

11 Equipment**11 50 Educational And Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 52 13 13-0084	EA	10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,031.51	336.26
11 52 13 13-0085	EA	14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,171.07	356.04
11 52 13 13-0086	EA	12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,470.19	395.60
11 52 13 13-0087	EA	16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	3,678.44	474.71

11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) ^(11 52 13 13-0001)

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0089	EA	50" x 50" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,573.02	89.01
11 52 13 13-0090	EA	60" x 60" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,626.57	108.79
11 52 13 13-0091	EA	70" x 70" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,655.36	118.68
11 52 13 13-0092	EA	84" x 84" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,803.04	178.02
11 52 13 13-0093	EA	6' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,819.95	181.97
11 52 13 13-0094	EA	8' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,889.60	197.80
11 52 13 13-0095	EA	7' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,942.60	197.80
11 52 13 13-0096	EA	9' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,041.29	211.64
11 52 13 13-0097	EA	8' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,075.07	221.53
11 52 13 13-0098	EA	10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,149.71	237.36
11 52 13 13-0099	EA	9' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,188.84	276.92
11 52 13 13-0100	EA	12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,407.96	316.48
11 52 13 13-0101	EA	10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,945.51	336.26
11 52 13 13-0102	EA	14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,080.07	356.04
11 52 13 13-0103	EA	12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,344.19	395.60
11 52 13 13-0104	EA	16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,544.44	474.71
11 52 13 13-0105	EA	13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,858.55	514.28
11 52 13 13-0106	EA	18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,104.67	553.84
11 52 13 13-0107	EA	15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,250.67	553.84
11 52 13 13-0108	EA	20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,720.92	632.96
11 52 13 13-0109	EA	50" x 67" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,655.36	118.68
11 52 13 13-0110	EA	60" x 80" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,763.48	158.23
11 52 13 13-0111	EA	69" x 92" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,812.04	178.02
11 52 13 13-0112	EA	87" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,085.07	221.53
11 52 13 13-0113	EA	105" x 140" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,271.84	276.92
11 52 13 13-0114	EA	123" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,829.07	356.04
11 52 13 13-0115	EA	141" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,063.32	435.16
11 52 13 13-0116	EA	12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,213.79	593.39
11 52 13 13-0117	EA	45" x 80" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,768.48	158.23
11 52 13 13-0118	EA	52" x 92" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,827.04	178.02
11 52 13 13-0119	EA	54" x 96" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,879.78	189.89
11 52 13 13-0120	EA	58" x 104" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	1,920.42	205.71
11 52 13 13-0121	EA	65" x 116" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,037.07	221.53
11 52 13 13-0122	EA	78" x 139" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,233.84	276.92
11 52 13 13-0123	EA	92" x 164" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	2,802.07	356.04
11 52 13 13-0124	EA	106" x 188" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,262.32	435.16
11 52 13 13-0125	EA	119" x 212" Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	3,945.55	514.28

		Equipment	11
		Educational And Scientific Equipment	11 50
		Audio-Visual Equipment	11 52
MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

11 52 13 13-0126	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) <small>(11 52 13 13-0001)</small>		
	Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127	EA	50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,504.05 89.01
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0128	EA	60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,555.86 98.90
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0129	EA	70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,619.44 118.68
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0130	EA	84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,820.86 178.02
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0131	EA	6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,855.46 181.97
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0132	EA	8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	2,944.50 197.80
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0133	EA	7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,033.91 197.80
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0134	EA	9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,118.98 211.64
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0135	EA	8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,181.46 221.53
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0136	EA	10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,281.16 237.36
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0137	EA	9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,373.24 237.36
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0138	EA	12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol)	3,608.90 316.48
		Note: In-the-ceiling screen with automatically operated door to conceal screen.	
11 52 13 13-0139	Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) <small>(11 52 13 13-0001)</small>		
	Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140	EA	60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	4,774.60 197.80
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0141	EA	69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,133.71 237.36
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0142	EA	87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	6,051.07 356.04
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0143	EA	105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	7,648.44 474.71
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0144	EA	120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	8,506.67 553.84
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0145	EA	52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,054.60 197.80
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0146	EA	58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,543.71 237.36
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0147	EA	65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	5,892.84 276.92
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0148	EA	78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol)	7,411.07 356.04
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0149	Electric Rear Projection Screen (Da-Lite DA-View) <small>(11 52 13 13-0001)</small>		
	Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150	EA	60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	2,438.36 197.80
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0151	EA	67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	3,045.67 217.57
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0152	EA	72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	3,482.65 237.36
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0153	EA	84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,190.64 257.14
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0154	EA	90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	6,854.73 6,577.81
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0155	EA	96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	7,615.15 316.48
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0156	EA	100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	9,738.16 356.04
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0157	EA	120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	13,110.23 395.60
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0158	EA	125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	14,665.51 435.16
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0159	EA	135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View)	19,570.50 474.71
		Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	
11 52 13 13-0160	Screen Accessories <small>(11 52 13 13-0001)</small>		
11 52 13 13-0161	Manual Pull Down Accessories <small>(11 52 13 13-0160)</small>		
11 52 13 13-0162	EA	6" Mounting Bracket (Pair)	29.87 5.93
11 52 13 13-0163	EA	14" Wall Mounting Bracket (Pair)	39.87 6.33
11 52 13 13-0164	EA	14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	45.87 7.12
11 52 13 13-0165	Electric Powered Screen Accessories <small>(11 52 13 13-0160)</small>		

11	Equipment
11 50	Educational And Scientific Equipment
11 52	Audio-Visual Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0166	EA		Single Motor Low Voltage Remote Control System - Infrared.....	258.77	
11 52 13 13-0167	EA		Single Motor Low Voltage Remote Control System - Radio Frequency.....	368.77	
11 52 13 13-0168			Relocate Existing Fixed Projection Screen <small>(11 52 13 13)</small>		
11 52 13 13-0169	EA		Relocate Electric Controlled Projection Screen, Including Storage And Cleaning	1,163.52	
11 52 13 16			Portable Projection Screens <small>(11 52 13)</small>		
11 52 13 16-0001			Motion Picture Screen And Case <small>(11 52 13 16)</small>		
11 52 13 16-0002	SF		Screen, Riser Projection With Anodized Aluminum Frame	18.44	2.85
11 52 16			Projectors <small>(11 52)</small>		
11 52 16 26			Video Projectors <small>(11 52 16)</small>		
11 52 16 26-0001			Projectors <small>(11 52 16 26)</small>		
11 52 16 26-0002	EA		2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	697.47	39.56
11 52 16 26-0003	EA		2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector	805.68	39.56
11 52 16 26-0004	EA		2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	1,060.75	39.56
11 52 16 26-0005	EA		3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,663.65	39.56
11 52 16 26-0006	EA		3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	1,934.18	39.56
11 52 16 26-0007	EA		3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector	2,452.05	39.56
11 52 16 26-0008	EA		4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	3,889.71	39.56
11 52 16 26-0009	EA		5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	5,265.55	39.56
11 52 16 26-0010	EA		6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector	7,808.52	39.56
11 52 16 26-0011			Projector Mounts <small>(11 52 16 26)</small>		
11 52 16 26-0012			Universal Projector Mounts <small>(11 52 16 26-001)</small>		
			Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.		
11 52 16 26-0013	EA		Flush Ceiling, Universal Projector Mount (Peerless PPF).....	167.15	43.50
11 52 16 26-0014	EA		Wall Arm, Universal Projector Mount (Peerless PWA-14).....	263.11	43.50
11 52 16 26-0015			Projector Mount Components <small>(11 52 16 26-001)</small>		
			Note: Complete projector mount system will include ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.		
11 52 16 26-0016			Ceiling Attachment Plates For Projector Mounts <small>(11 52 16 26-0015)</small>		
11 52 16 26-0017	EA		Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570).....	62.36	19.77
11 52 16 26-0018	EA		Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557).....	82.05	19.77
11 52 16 26-0019	EA		I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559)	111.20	19.77
11 52 16 26-0020	EA		Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455).....	139.17	19.77
11 52 16 26-0021			Projector Attachment Plates For Projector Mounts <small>(11 52 16 26-0015)</small>		
11 52 16 26-0022	EA		Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV)	197.43	19.77
11 52 16 26-0023	EA		High Security Projector Enclosure For Projector Mounts (Peerless ALB)	427.00	19.77
11 52 16 26-0024			Threaded Extension Columns For Projector Mounts <small>(11 52 16 26-0015)</small>		
11 52 16 26-0025			Fixed Length, Threaded Extension Column For Projector Mounts <small>(11 52 16 26-0024)</small>		
			Note: Peerless EXT series.		
11 52 16 26-0026	EA		6" Fixed Length, Threaded Extension Column For Projector Mounts	34.95	5.93
11 52 16 26-0027	EA		12" Fixed Length, Threaded Extension Column For Projector Mounts	44.66	5.93
11 52 16 26-0028	EA		18" Fixed Length, Threaded Extension Column For Projector Mounts	48.31	5.93
11 52 16 26-0029	EA		24" Fixed Length, Threaded Extension Column For Projector Mounts	50.74	5.93
11 52 16 26-0030	EA		36" Fixed Length, Threaded Extension Column For Projector Mounts	60.76	7.91
11 52 16 26-0031	EA		48" Fixed Length, Threaded Extension Column For Projector Mounts	72.91	7.91
11 52 16 26-0032	EA		60" Fixed Length, Threaded Extension Column For Projector Mounts	92.34	7.91
11 52 16 26-0033	EA		72" Fixed Length, Threaded Extension Column For Projector Mounts	105.70	7.91
11 52 16 26-0034	EA		84" Fixed Length, Threaded Extension Column For Projector Mounts	124.23	9.88
11 52 16 26-0035	EA		96" Fixed Length, Threaded Extension Column For Projector Mounts	141.23	9.88
11 52 16 26-0036	EA		108" Fixed Length, Threaded Extension Column For Projector Mounts	157.34	11.87
11 52 16 26-0037	EA		120" Fixed Length, Threaded Extension Column For Projector Mounts	164.63	11.87
11 52 16 26-0038			Adjustable Length, Threaded Extension Columns For Projector Mounts <small>(11 52 16 26-0024)</small>		
			Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA		6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts.....	70.78	9.88
11 52 16 26-0040	EA		12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts.....	107.22	9.88
11 52 16 26-0041	EA		18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts.....	109.65	9.88
11 52 16 26-0042	EA		24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts.....	113.30	9.88
11 52 16 26-0043	EA		36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts.....	123.33	11.87
11 52 16 26-0044	EA		48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts.....	129.40	11.87
11 52 16 26-0045	EA		60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts.....	142.76	11.87
11 52 16 26-0046	EA		72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts.....	154.91	11.87
11 52 16 26-0047	EA		84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts.....	172.23	13.84
11 52 16 26-0048	EA		96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts.....	184.38	13.84
11 52 16 26-0049	EA		108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts.....	201.68	15.82
11 52 16 26-0050	EA		120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts.....	210.18	15.82

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

11 53 Laboratory Equipment (11 50)
11 53 43 Service Fittings And Accessories (11 53)

11 53 43 00-0001	Outlet And Valves <small>(11 53 43)</small>		
11 53 43 00-0002	EA Medical Outlet Conversion Kit (Air, Oxygen, And Vacuum)	599.07	
11 53 43 00-0003	Test And Certify <small>(11 53 43)</small>		
11 53 43 00-0004	EA Test And Certify Medical Gas Port	42.28	

11 70 Healthcare Equipment (11)
11 72 Examination And Treatment Equipment (11 70)
11 72 13 Examination Equipment (11 72)

11 72 13 00-0001	Sharps Containers <small>(11 72 13)</small>		
11 72 13 00-0002	EA 3 Quart Disposable Sharps Containers, Wall Mounted Note: The rotating cylinder top permits convenient, one-handed disposal of sharps. The rotating lid automatically drops needles and syringes in a horizontal position to maximize capacity. Lid remains closed when not in use. A built-in needle key permits the safe removal of needles when necessary.	145.95	
11 72 13 00-0003	EA 2 Gallon Disposable Sharps Containers, Wall Mounted Note: Provides open access for disposal of a variety of shapes and sizes of sharps, (i.e. needles and syringes, vials, test tubes, and glass slides). The lid features a needle key for the safe removal of needles.	186.66	
11 72 13 00-0004	EA 3 Gallon Disposable Sharps Containers, Wall Mounted Note: Has a dual-purpose lid, which allows the container to remain open for code situations or in a free-fall position for normal, one-handed operation. Lid features a needle key for safe removal of needles when necessary.	165.85	
11 72 13 00-0005	EA One-Quart Disposable Phlebotomy Container, Wall Mounted Note: Has an opening to safely place the blood tube holder with needle while attending a patient Once full, the lids can be locked, & the container is ready for safe disposal One-quart capacity, is puncture resistant, fully disposable, may be autoclaved or incinerated for final disposal.	262.68	

11 73 Patient Care Equipment (11 70)
11 73 23 Patient Lift (11 73)

11 73 23 00-0001	Ceiling Patient Lift <small>(11 73 23)</small>		
11 73 23 00-0002	EA Maxi Sky 600 Fixed 4 Function Ceiling Patient Lift Note: Maxi Sky 600 cassette with 600 pound weight capacity. Includes 2 point hanger bar, hardware (x-y 3 meter x 4.5 meter 8 anchors xy 4.5), powered raise and lower as well as powered traverse on track. Maxi sky supports clinically activated return to charge, programmable automatic return.	7,010.35	

11 73 23 00-0003 Ceiling Patient Lift System (11 73 23)

Note: Guldman			
11 73 23 00-0004	EA GH2 HD AC UL Ceiling Mounted Hoist, 550 LB Weight Capacity, With Hand Control	7,212.80	680.82
11 73 23 00-0005	EA 550 LB Weight Capacity Hanging Bar GH2 Standard Snap Hook	377.53	
11 73 23 00-0006	EA 550 LB Weight Capacity Traverse Traveling Trolley Room Covering System	479.83	94.56
11 73 23 00-0007	EA GH2 HD Twin Strap Ceiling Mounted Hoist, 1,000 LB Weight Capacity, With Hand Control	10,217.05	945.58
11 73 23 00-0008	EA 1,000 LB Weight Capacity Hanging Bar	3,295.21	
11 73 23 00-0009	EA 1,000 LB Weight Capacity Traverse Traveling Trolley Room Covering System	1,091.99	208.03
11 73 23 00-0010	LF Aluminum Midi Rail	195.34	22.70
11 73 23 00-0011	EA Wire For Charging Liner	74.12	
11 73 23 00-0012	LF Charging Liner For Midi Rail	82.33	
11 73 23 00-0013	EA End Stops	36.85	
11 73 23 00-0014	EA Standard Ceiling Brackets	117.16	22.70
11 73 23 00-0015	EA Charging Kit For Room-Covering System With Midi Rails	222.90	
11 73 23 00-0016	EA Lock For Charging Liner	41.74	
11 73 23 00-0017	EA Cover Plate For Midi Rail	4.09	
11 73 23 00-0018	EA Rosette White	2.32	
11 73 23 00-0019	EA Aluminum Pipe 2M Profile	109.30	
11 73 23 00-0020	EA Repositioning Sling Gold, 3 Slings Per System	170.90	
11 73 23 00-0021	EA Uni D M/L High Black - 550 LB Capacity Sling, 2 Slings Per System	93.86	
11 73 23 00-0022	EA Uni D L/XL High Black - 550 LB Capacity Sling, 2 Slings Per System	93.86	
11 73 23 00-0023	EA Disposable Limb Lifter, 2 Slings Per System	44.61	
11 73 23 00-0024	EA Disposable Turner Sling, 1 Sling Per System	110.20	

11 80 Facility Maintenance and Operation Equipment (11)
11 81 Maintenance Equipment (11 80)
11 81 29 Facility Fall Protection (11 81)

11 81 29 00-0001	Safety And Tie-Back Anchors <small>(11 81 29)</small>		
Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0039 for engineering testing and inspection.			
11 81 29 00-0002	Roof Mounted, Safety And Tie-Back Anchors <small>(11 81 29 00-0001)</small>		
Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.			

11 Equipment**11 80 Facility Maintenance and Operation Equipment****11 81 Maintenance Equipment**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
11 81 29 00-0003	EA	Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	395.86		59.34
		<i>For Stainless Steel Pad Eye, Add</i>	40.00		
		<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00		
11 81 29 00-0004	EA	Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)..... Note: Includes drilling in concrete and adhesive anchor systems.	338.88		59.34
		<i>For Stainless Steel Pad Eye, Add</i>	40.00		
		<i>For Foam Insulation Filled HSS Tube, Add</i>	10.00		
11 81 29 00-0005	EA	Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor)..... <i>For Stainless Steel Pad Eye, Add</i>	294.29		65.16
		<i>For Foam Insulation Filled HSS Tube, Add</i>	40.00		
			10.00		
11 81 29 00-0006		Wall Mounted, Safety And Tie-Back Anchor <small>(11 81 29 00-0001)</small> Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.			
11 81 29 00-0007	EA	Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor)..... Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	308.89		59.34
		<i>For Stainless Steel Pad Eye, Add</i>	40.00		
11 81 29 00-0008	EA	Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) Note: Includes drilling in concrete and adhesive anchor systems.	281.07		59.34
		<i>For Stainless Steel Pad Eye, Add</i>	40.00		
11 81 29 00-0009	EA	Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor) <i>For Stainless Steel Pad Eye, Add</i>	263.93		65.16
			40.00		
11 81 29 00-0010		Safety And Tie-Back Anchor Accessories <small>(11 81 29 00-0001)</small>			
11 81 29 00-0011	EA	Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor) Note: One cut sheet required per order.	220.84		
11 82		Facility Solid Waste Handling Equipment <small>(11 80)</small>			
11 82 19		Packaged Incinerators <small>(11 82)</small>			
11 82 19 00-0001		Electric Incinerator <small>(11 82 19)</small>			
11 82 19 00-0002	EA	Electric Package Incinerator, 100 LB/Hour	21,306.56		846.86
11 82 19 00-0003	EA	Electric Package Incinerator, 400 LB/Hour	43,569.73		1,693.71
11 82 19 00-0004	EA	Electric Package Incinerator, 1,000 LB/Hour	145,177.14		2,540.57
11 82 26		Facility Waste Compactors <small>(11 82)</small>			
11 82 26 00-0001		110 Volt Compactors <small>(11 82 26)</small>			
11 82 26 00-0002	EA	Waste Compactor, 110 Volt At 75 LB/Hour.....	11,478.35		380.38
11 82 26 00-0003	EA	Waste Compactor, 110 Volt At 250 LB/Hour.....	14,571.76		912.93
11 82 26 00-0004		230 Volt Compactors <small>(11 82 26)</small>			
11 82 26 00-0005	EA	Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed.....	14,673.26		1,217.24
11 82 26 00-0006	EA	Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed.....	16,643.05		1,597.62
11 82 26 00-0007		Trash Compactors <small>(11 82 26)</small>			
11 82 26 00-0008	EA	Trash Compactor, Small	2,626.49		228.79
11 82 26 00-0009	EA	Trash Compactor, Large.....	3,232.57		258.90

END OF SECTION 11

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

12 Furnishings

12 01 Operation And Maintenance Of Furnishings⁽¹²⁾

12 01 60 Operation And Maintenance Of Multiple Seating^(12 01)

12 01 60 00-0001	Repair Fixed Auditorium Seating^(12 01 60)				
12 01 60 00-0002	EA		Replace Seat Part.....	106.23	
12 01 60 00-0003	EA		Replace Center Armrest Part.....	51.27	
12 01 60 00-0004	EA		Replace End Armrest Part.....	69.42	
12 01 60 00-0005	EA		Replace Kick Plate Part.....	75.94	
12 01 60 00-0006	EA		Replace Back Part.....	126.73	
12 01 60 00-0007	EA		Replace Standard Part.....	99.28	
12 01 60 00-0008	EA		Replace Back Bracket Part.....	44.75	
12 01 60 00-0009	EA		Replace Seat Bracket Part.....	46.15	
12 01 60 00-0010	EA		Secure Seat To Floor.....	42.68	
12 01 60 00-0011	EA		Remove And Reinstall Existing Auditorium Seat In Concrete Floor.....	51.71	
Note: Includes drilling and fasteners. For Epoxy Anchoring, Add					14.71

12 20 Window Treatments⁽¹²⁾

12 21 Window Blinds^(12 20)

12 21 13 Horizontal Louver Blinds^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds^(12 21 13)

12 21 13 13-0001 Aluminum Horizontal Louver Blinds^(12 21 13 13)

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	8.57	0.71
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	7.02	0.71
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	7.61	0.71
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	8.80	0.71

12 21 13 33 Plastic Horizontal Louver Blinds^(12 21 13)

12 21 13 33-0001 Vinyl Horizontal Louver Blinds^(12 21 13 33)

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds.....	7.26	0.71
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds.....	8.39	0.71

12 21 16 Vertical Louver Blinds^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds^(12 21 16)

12 21 16 13-0001 Aluminum Vertical Louver Blinds^(12 21 16 13)

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds.....	10.01	1.50
------------------	----	---	-------	------

12 21 16 33 Plastic Vertical Louver Blinds^(12 21 16)

12 21 16 33-0001 Vinyl Vertical Louver Blinds^(12 21 16 33)

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds.....	6.49	1.50
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds.....	9.05	1.50

12 22 Curtains And Drapes^(12 20)

12 22 13 Draperies^(12 22)

12 22 13 00-0001 Lined Draperies^(12 22 13)

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies^(12 22 13 00-0001)

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies.....	143.24	9.89
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies.....	148.79	9.89
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies.....	157.81	9.89
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies.....	161.28	9.89
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies.....	169.60	9.89
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies.....	180.70	9.89
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies.....	187.64	9.89
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies.....	197.35	9.89
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies.....	212.61	9.89

12 22 13 00-0012 >48" To 72" Wide Lined Draperies^(12 22 13 00-0001)

12 22 13 00-0013	EA	Up To 39" Long, >48" To 72" Wide Lined Draperies.....	207.24	13.45
12 22 13 00-0014	EA	>39" To 63" Long, >48" To 72" Wide Lined Draperies.....	219.73	13.45
12 22 13 00-0015	EA	>63" To 72" Long, >48" To 72" Wide Lined Draperies.....	229.44	13.45
12 22 13 00-0016	EA	>72" To 81" Long, >48" To 72" Wide Lined Draperies.....	237.76	13.45

12	12	Furnishings
	12 20	Window Treatments
	12 22	Curtains And Drapes



		MINOR		TOTAL DIRECT	DEMOLITION
		CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 22 13 00-0017	EA		>81" To 90" Long, >48" To 72" Wide Lined Draperies.....	257.18	13.45
12 22 13 00-0018	EA		>90" To 99" Long, >48" To 72" Wide Lined Draperies.....	266.89	13.45
12 22 13 00-0019	EA		>99" To 108" Long, >48" To 72" Wide Lined Draperies.....	275.22	13.45
12 22 13 00-0020	EA		>108" To 120" Long, >48" To 72" Wide Lined Draperies.....	293.25	13.45
12 22 13 00-0021	EA		>120" To 130" Long, >48" To 72" Wide Lined Draperies.....	312.67	13.45
12 22 13 00-0022			>72" To 96" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0023	EA		Up To 39" Long, >72" To 96" Wide Lined Draperies.....	274.01	17.01
12 22 13 00-0024	EA		>39" To 63" Long, >72" To 96" Wide Lined Draperies.....	292.05	17.01
12 22 13 00-0025	EA		>63" To 72" Long, >72" To 96" Wide Lined Draperies.....	300.37	17.01
12 22 13 00-0026	EA		>72" To 81" Long, >72" To 96" Wide Lined Draperies.....	319.79	17.01
12 22 13 00-0027	EA		>81" To 90" Long, >72" To 96" Wide Lined Draperies.....	337.83	17.01
12 22 13 00-0028	EA		>90" To 99" Long, >72" To 96" Wide Lined Draperies.....	355.86	17.01
12 22 13 00-0029	EA		>99" To 108" Long, >72" To 96" Wide Lined Draperies.....	365.57	17.01
12 22 13 00-0030	EA		>108" To 120" Long, >72" To 96" Wide Lined Draperies.....	384.99	17.01
12 22 13 00-0031	EA		>120" To 130" Long, >72" To 96" Wide Lined Draperies.....	411.35	17.01
12 22 13 00-0032			>96" To 120" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0033	EA		Up To 39" Long, >96" To 120" Wide Lined Draperies.....	344.96	20.57
12 22 13 00-0034	EA		>39" To 63" Long, >96" To 120" Wide Lined Draperies.....	362.99	20.57
12 22 13 00-0035	EA		>63" To 72" Long, >96" To 120" Wide Lined Draperies.....	372.70	20.57
12 22 13 00-0036	EA		>72" To 81" Long, >96" To 120" Wide Lined Draperies.....	400.45	20.57
12 22 13 00-0037	EA		>81" To 90" Long, >96" To 120" Wide Lined Draperies.....	418.48	20.57
12 22 13 00-0038	EA		>90" To 99" Long, >96" To 120" Wide Lined Draperies.....	437.90	20.57
12 22 13 00-0039	EA		>99" To 108" Long, >96" To 120" Wide Lined Draperies.....	401.49	20.57
12 22 13 00-0040	EA		>108" To 120" Long, >96" To 120" Wide Lined Draperies.....	485.07	20.57
12 22 13 00-0041	EA		>120" To 130" Long, >96" To 120" Wide Lined Draperies.....	498.94	20.57
12 22 13 00-0042			>120" To 144" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0043	EA		Up To 39" Long, >120" To 144" Wide Lined Draperies.....	407.56	24.13
12 22 13 00-0044	EA		>39" To 63" Long, >120" To 144" Wide Lined Draperies.....	433.91	24.13
12 22 13 00-0045	EA		>63" To 72" Long, >120" To 144" Wide Lined Draperies.....	443.62	24.13
12 22 13 00-0046	EA		>72" To 81" Long, >120" To 144" Wide Lined Draperies.....	471.37	24.13
12 22 13 00-0047	EA		>81" To 90" Long, >120" To 144" Wide Lined Draperies.....	499.11	24.13
12 22 13 00-0048	EA		>90" To 99" Long, >120" To 144" Wide Lined Draperies.....	526.86	24.13
12 22 13 00-0049	EA		>99" To 108" Long, >120" To 144" Wide Lined Draperies.....	554.60	24.13
12 22 13 00-0050	EA		>108" To 120" Long, >120" To 144" Wide Lined Draperies.....	582.35	24.13
12 22 13 00-0051	EA		>120" To 130" Long, >120" To 144" Wide Lined Draperies.....	617.03	24.13
12 22 13 00-0052			>144" To 168" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0053	EA		Up To 39" Long, >144" To 168" Wide Lined Draperies.....	478.49	27.70
12 22 13 00-0054	EA		>39" To 63" Long, >144" To 168" Wide Lined Draperies.....	506.23	27.70
12 22 13 00-0055	EA		>63" To 72" Long, >144" To 168" Wide Lined Draperies.....	527.04	27.70
12 22 13 00-0056	EA		>72" To 81" Long, >144" To 168" Wide Lined Draperies.....	554.79	27.70
12 22 13 00-0057	EA		>81" To 90" Long, >144" To 168" Wide Lined Draperies.....	582.53	27.70
12 22 13 00-0058	EA		>90" To 99" Long, >144" To 168" Wide Lined Draperies.....	617.21	27.70
12 22 13 00-0059	EA		>99" To 108" Long, >144" To 168" Wide Lined Draperies.....	644.96	27.70
12 22 13 00-0060	EA		>108" To 120" Long, >144" To 168" Wide Lined Draperies.....	672.70	27.70
12 22 13 00-0061	EA		>120" To 130" Long, >144" To 168" Wide Lined Draperies.....	721.26	27.70
12 22 13 00-0062			>168" To 192" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0063	EA		Up To 39" Long, >168" To 192" Wide Lined Draperies.....	541.10	31.25
12 22 13 00-0064	EA		>39" To 63" Long, >168" To 192" Wide Lined Draperies.....	575.78	31.25
12 22 13 00-0065	EA		>63" To 72" Long, >168" To 192" Wide Lined Draperies.....	596.59	31.25
12 22 13 00-0066	EA		>72" To 81" Long, >168" To 192" Wide Lined Draperies.....	631.27	31.25
12 22 13 00-0067	EA		>81" To 90" Long, >168" To 192" Wide Lined Draperies.....	659.01	31.25
12 22 13 00-0068	EA		>90" To 99" Long, >168" To 192" Wide Lined Draperies.....	693.70	31.25
12 22 13 00-0069	EA		>99" To 108" Long, >168" To 192" Wide Lined Draperies.....	749.19	31.25
12 22 13 00-0070	EA		>108" To 120" Long, >168" To 192" Wide Lined Draperies.....	769.99	31.25
12 22 13 00-0071	EA		>120" To 130" Long, >168" To 192" Wide Lined Draperies.....	818.55	31.25
12 22 13 00-0072			>192" To 216" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0073	EA		Up To 39" Long, >192" To 216" Wide Lined Draperies.....	610.65	34.81
12 22 13 00-0074	EA		>39" To 63" Long, >192" To 216" Wide Lined Draperies.....	638.40	34.81
12 22 13 00-0075	EA		>63" To 72" Long, >192" To 216" Wide Lined Draperies.....	666.14	34.81
12 22 13 00-0076	EA		>72" To 81" Long, >192" To 216" Wide Lined Draperies.....	707.76	34.81
12 22 13 00-0077	EA		>81" To 90" Long, >192" To 216" Wide Lined Draperies.....	749.38	34.81
12 22 13 00-0078	EA		>90" To 99" Long, >192" To 216" Wide Lined Draperies.....	791.00	34.81
12 22 13 00-0079	EA		>99" To 108" Long, >192" To 216" Wide Lined Draperies.....	825.68	34.81
12 22 13 00-0080	EA		>108" To 120" Long, >192" To 216" Wide Lined Draperies.....	860.36	34.81
12 22 13 00-0081	EA		>120" To 130" Long, >192" To 216" Wide Lined Draperies.....	922.78	34.81
12 22 13 00-0082			>216" To 240" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0083	EA		Up To 39" Long, >216" To 240" Wide Lined Draperies.....	673.26	38.37
12 22 13 00-0084	EA		>39" To 63" Long, >216" To 240" Wide Lined Draperies.....	721.82	38.37
12 22 13 00-0085	EA		>63" To 72" Long, >216" To 240" Wide Lined Draperies.....	742.63	38.37
12 22 13 00-0086	EA		>72" To 81" Long, >216" To 240" Wide Lined Draperies.....	784.24	38.37

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

12 22 13 00-0087	EA		>81" To 90" Long, >216" To 240" Wide Lined Draperies.....	832.80	38.37
12 22 13 00-0088	EA		>90" To 99" Long, >216" To 240" Wide Lined Draperies.....	874.41	38.37
12 22 13 00-0089	EA		>99" To 108" Long, >216" To 240" Wide Lined Draperies.....	916.03	38.37
12 22 13 00-0090	EA		>108" To 120" Long, >216" To 240" Wide Lined Draperies.....	957.65	38.37
12 22 13 00-0091	EA		>120" To 130" Long, >216" To 240" Wide Lined Draperies.....	1,027.01	38.37

12 22 16 Drapery Track And Accessories (12 22)

12 22 16 00-0001			Metal Wall Or Ceiling Mount Drapery Tracks (12 22 16)		
12 22 16 00-0002			Basic Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0003	EA		Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	81.05	33.72
12 22 16 00-0004	EA		Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	88.22	33.72
12 22 16 00-0005	EA		Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	101.84	37.48
12 22 16 00-0006	EA		Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	124.23	37.48
12 22 16 00-0007	EA		Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track	132.72	41.22
12 22 16 00-0008			Traverse Rod With Stationary Curtain Rod (12 22 16 00-0001)		
12 22 16 00-0009	EA		Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	87.92	33.72
12 22 16 00-0010	EA		Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	92.56	33.72
12 22 16 00-0011	EA		Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	112.74	37.48
12 22 16 00-0012	EA		Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	128.39	41.22
12 22 16 00-0013			Double Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0014	EA		Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track	99.73	33.72
12 22 16 00-0015	EA		Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track	113.77	33.72
12 22 16 00-0016	EA		Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track	137.31	37.48
12 22 16 00-0017	EA		Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track	150.34	41.22
12 22 16 00-0018			Curtain Rods (12 22 16 00-0001)		
12 22 16 00-0019	LF		Standard Metal Curtain Rod, White	4.99	1.42
12 22 16 00-0020			Relocate Drapery And Rod (12 22 16 00-0001)		
12 22 16 00-0021	LF		Relocate Any Type Of Drapery And Any Type Rod	22.48	
			Note: Includes storage and cleaning.		

12 24 Window Shades (12 24)

12 24 13 Roller Window Shades (12 24)

12 24 13 00-0001			Roller Window Shades (12 24 13)		
12 24 13 00-0002			Vinyl Coated Fiberglass, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF		0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades.....	10.82	0.47
12 24 13 00-0004	SF		1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades	10.82	0.47
12 24 13 00-0005			Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF		0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades.....	13.85	0.47
12 24 13 00-0007			Vinyl Coated Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF		1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades.....	10.82	0.47

12 30 Casework (12)

12 31 Manufactured Metal Casework (12 30)

12 31 13 Manufactured Metal Panel Casework (12 31)

12 31 13 00-0001			Stainless Steel Cabinets (12 31 13)		
12 31 13 00-0002			Stainless Steel Base Cabinets (12 31 13 00-0001)		
12 31 13 00-0003			18" Stainless Steel Base Cabinet (12 31 13 00-0002)		
12 31 13 00-0004	EA		18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,483.64	180.06
			For >5 To 9, Deduct	-58.98	
			For >9, Deduct	-117.96	
12 31 13 00-0005	EA		18" Stainless Steel Base Cabinet, With 4 Drawers	2,437.84	180.06
			For >5 To 9, Deduct	-109.08	
			For >9, Deduct	-218.15	
12 31 13 00-0006	EA		18" Stainless Steel Base Cabinet, With 3 Drawers	2,257.79	180.06
			For >5 To 9, Deduct	-99.62	
			For >9, Deduct	-199.24	

12 Furnishings**12 30 Casework****12 31 Manufactured Metal Casework**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 31 13 00-0007	EA 18" Stainless Steel Base Cabinet, With 2 Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,077.74 -90.17 -180.34	180.06
12 31 13 00-0008	EA 18" Stainless Steel Base Cabinet, With Doors And Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,016.64 -86.96 -173.92	180.06
12 31 13 00-0009	24" Stainless Steel Base Cabinet <small>(12 31 13 00-0002)</small>		
12 31 13 00-0010	EA 24" Stainless Steel Base Cabinet, With Doors And Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,160.70 -92.99 -185.98	194.60
12 31 13 00-0011	EA 24" Stainless Steel Base Cabinet, With Door, No Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,941.00 -81.45 -162.91	194.60
12 31 13 00-0012	EA 24" Stainless Steel Base Cabinet, With Two Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,989.10 -83.98 -167.96	194.60
12 31 13 00-0013	EA 24" Stainless Steel Base Cabinet, No Doors, 2 Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,212.70 -95.72 -191.44	194.60
12 31 13 00-0014	EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,890.65 -131.31 -262.62	194.60
12 31 13 00-0015	EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,181.20 -146.56 -293.13	194.60
12 31 13 00-0016	30" Stainless Steel Base Cabinet <small>(12 31 13 00-0002)</small>		
12 31 13 00-0017	EA 30" Stainless Steel Base Cabinet, No Doors, No Drawers..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,893.44 -77.88 -155.76	205.07
12 31 13 00-0018	EA 30" Stainless Steel Base Cabinet, With 4 Full Size Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,774.84 -124.16 -248.31	205.07
12 31 13 00-0019	EA 30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,585.39 -166.71 -333.42	205.07
12 31 13 00-0020	EA 30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,294.84 -151.46 -302.91	205.07
12 31 13 00-0021	EA 30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,114.79 -142.00 -284.01	205.07
12 31 13 00-0022	EA 30" Stainless Steel Base Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,384.19 -103.65 -207.29	205.07
12 31 13 00-0023	EA 30" Stainless Steel Base Cabinet, With Doors And Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,362.09 -102.49 -204.97	205.07
12 31 13 00-0024	36" Stainless Steel Base Cabinet <small>(12 31 13 00-0002)</small>		
12 31 13 00-0025	EA 36" Stainless Steel Base Cabinet, No Doors, No Drawers..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,094.97 -87.58 -175.15	213.21
12 31 13 00-0026	EA 36" Stainless Steel Base Cabinet, With Doors And Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,564.27 -112.22 -224.43	213.21
12 31 13 00-0027	EA 36" Stainless Steel Base Cabinet, With Door, No Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,391.37 -103.14 -206.28	213.21
12 31 13 00-0028	EA 36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,784.97 -176.30 -352.60	213.21
12 31 13 00-0029	EA 36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,495.07 -161.08 -322.16	213.21
12 31 13 00-0030	42" Stainless Steel Base Cabinet <small>(12 31 13 00-0002)</small>		
12 31 13 00-0031	EA 42" Stainless Steel Base Cabinet, No Doors, No Drawers..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,198.59 -91.63 -183.26	226.59
12 31 13 00-0032	EA 42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,991.94 -185.78 -371.56	226.59
12 31 13 00-0033	EA 42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,701.39 -170.53 -341.06	226.59
12 31 13 00-0034	EA 42" Stainless Steel Base Cabinet, No Doors, 2 Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,400.44 -154.73 -309.46	226.59
12 31 13 00-0035	EA 42" Stainless Steel Base Cabinet, With Doors, No Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,598.99 -112.65 -225.30	226.59

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,769.29 -121.59 -243.19	226.59
12 31 13 00-0037		48" Stainless Steel Base Cabinet (12 31 13 00-0002)		
12 31 13 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	4,188.11 -195.55 -391.10	231.83
12 31 13 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,898.21 -180.33 -360.66	231.83
12 31 13 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,394.76 -101.40 -202.80	231.83
12 31 13 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	3,597.26 -164.53 -329.06	231.83
12 31 13 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,967.41 -131.46 -262.93	231.83
12 31 13 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,920.61 -129.01 -258.01	231.83
12 31 13 00-0044		60" Stainless Steel Base Cabinet (12 31 13 00-0002)		
12 31 13 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	2,887.45 -126.52 -253.04	238.89
12 31 13 00-0046		Stainless Steel Wall Cabinets (12 31 13 00-0001)		
12 31 13 00-0047		12" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,166.77 -54.06 -108.11	68.55
12 31 13 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,161.20 -53.33 -106.65	72.71
12 31 13 00-0050		18" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,222.68 -56.45 -112.89	73.71
12 31 13 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,151.83 -52.73 -105.45	73.71
12 31 13 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,352.67 -62.59 -125.19	80.18
12 31 13 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,309.12 -60.31 -120.61	80.18
12 31 13 00-0055		24" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,010.19 -44.47 -88.94	81.59
12 31 13 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,380.69 -63.92 -127.84	81.59
12 31 13 00-0058	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,310.49 -60.24 -120.47	81.59
12 31 13 00-0059	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,299.97 -60.24 -120.48	76.19
12 31 13 00-0060	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,225.22 -56.32 -112.63	76.19
12 31 13 00-0061	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	1,575.57 -74.71 -149.42	76.19
12 31 13 00-0062	EA	24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	924.92 -40.55 -81.10	76.19
12 31 13 00-0063	EA	24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors..... <i>For >5 To 9, Deduct</i> <i>For >9, Deduct</i>	870.65 -38.07 -76.15	72.71
12 31 13 00-0064		30" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		

12 Furnishings

12 30 Casework

12 31 Manufactured Metal Casework



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0065	EA		30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,796.62	86.66
			<i>For >5 To 9, Deduct</i>	-85.22	
			<i>For >9, Deduct</i>	-170.44	
12 31 13 00-0066	EA		30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,626.32	86.66
			<i>For >5 To 9, Deduct</i>	-76.28	
			<i>For >9, Deduct</i>	-152.56	
12 31 13 00-0067	EA		30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,084.87	86.66
			<i>For >5 To 9, Deduct</i>	-47.85	
			<i>For >9, Deduct</i>	-95.71	
12 31 13 00-0068	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,709.75	79.77
			<i>For >5 To 9, Deduct</i>	-81.38	
			<i>For >9, Deduct</i>	-162.77	
12 31 13 00-0069	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,539.45	79.77
			<i>For >5 To 9, Deduct</i>	-72.44	
			<i>For >9, Deduct</i>	-144.89	
12 31 13 00-0070	EA		30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	998.00	79.77
			<i>For >5 To 9, Deduct</i>	-44.02	
			<i>For >9, Deduct</i>	-88.03	
12 31 13 00-0071	EA		30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors	943.50	76.03
			<i>For >5 To 9, Deduct</i>	-41.55	
			<i>For >9, Deduct</i>	-83.11	
12 31 13 00-0072			36" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0073	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,868.67	89.16
			<i>For >5 To 9, Deduct</i>	-88.74	
			<i>For >9, Deduct</i>	-177.49	
12 31 13 00-0074	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,694.47	89.16
			<i>For >5 To 9, Deduct</i>	-79.60	
			<i>For >9, Deduct</i>	-159.20	
12 31 13 00-0075	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,156.92	89.16
			<i>For >5 To 9, Deduct</i>	-51.38	
			<i>For >9, Deduct</i>	-102.75	
12 31 13 00-0076	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,781.09	81.59
			<i>For >5 To 9, Deduct</i>	-84.94	
			<i>For >9, Deduct</i>	-169.88	
12 31 13 00-0077	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,611.44	81.59
			<i>For >5 To 9, Deduct</i>	-76.04	
			<i>For >9, Deduct</i>	-152.07	
12 31 13 00-0078	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,069.34	81.59
			<i>For >5 To 9, Deduct</i>	-47.58	
			<i>For >9, Deduct</i>	-95.15	
12 31 13 00-0079	EA		36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,016.06	77.69
			<i>For >5 To 9, Deduct</i>	-45.18	
			<i>For >9, Deduct</i>	-90.37	
12 31 13 00-0080			42" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0081	EA		42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,952.81	112.18
			<i>For >5 To 9, Deduct</i>	-90.75	
			<i>For >9, Deduct</i>	-181.51	
12 31 13 00-0082	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,958.21	105.86
			<i>For >5 To 9, Deduct</i>	-91.70	
			<i>For >9, Deduct</i>	-183.39	
12 31 13 00-0083	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,785.31	105.86
			<i>For >5 To 9, Deduct</i>	-82.62	
			<i>For >9, Deduct</i>	-165.24	
12 31 13 00-0084	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,245.16	105.86
			<i>For >5 To 9, Deduct</i>	-54.26	
			<i>For >9, Deduct</i>	-108.52	
12 31 13 00-0085	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,849.55	88.91
			<i>For >5 To 9, Deduct</i>	-87.77	
			<i>For >9, Deduct</i>	-175.53	
12 31 13 00-0086	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,677.95	88.91
			<i>For >5 To 9, Deduct</i>	-78.76	
			<i>For >9, Deduct</i>	-157.52	
12 31 13 00-0087	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,137.80	88.91
			<i>For >5 To 9, Deduct</i>	-50.40	
			<i>For >9, Deduct</i>	-100.80	
12 31 13 00-0088			48" Wide Stainless Steel Wall Cabinets (12 31 13 00-0046)		
12 31 13 00-0089	EA		48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks	1,713.93	112.18
			<i>For >5 To 9, Deduct</i>	-77.98	
			<i>For >9, Deduct</i>	-155.95	
12 31 13 00-0090	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,028.86	108.19
			<i>For >5 To 9, Deduct</i>	-95.15	
			<i>For >9, Deduct</i>	-190.31	
12 31 13 00-0091	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,858.56	108.19
			<i>For >5 To 9, Deduct</i>	-86.21	
			<i>For >9, Deduct</i>	-172.43	
12 31 13 00-0092	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors	1,317.11	108.19
			<i>For >5 To 9, Deduct</i>	-57.79	
			<i>For >9, Deduct</i>	-115.58	
12 31 13 00-0093	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,920.01	89.74
			<i>For >5 To 9, Deduct</i>	-91.37	
			<i>For >9, Deduct</i>	-182.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 13 00-0094	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,750.36	89.74
			For >5 To 9, Deduct	-82.47	
			For >9, Deduct	-164.93	
12 31 13 00-0095	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors	1,208.26	89.74
			For >5 To 9, Deduct	-54.01	
			For >9, Deduct	-108.01	
12 31 13 00-0096			Accessories (12 31 13 00-0001)		
12 31 13 00-0097			Stainless Steel Countertops (12 31 13 00-0096)		
			Note: 16 gauge countertops without sinks.		
12 31 13 00-0098	SF		Stainless Steel Countertop With Marine Edge and Splash	102.75	4.57
			Note: 16 gauge.		
12 31 13 00-0099	SF		Stainless Steel Countertop Without Marine Edge and With Splash	95.60	4.57
			Note: 16 gauge.		
12 31 13 00-0100	SF		Stainless Steel Countertop Without Marine Edge or Splash	89.10	4.57
			Note: 16 gauge.		
12 31 13 00-0101			Stainless Steel Wall Panels (12 31 13 00-0096)		
12 31 13 00-0102	SF		Stainless Steel Wall Panel, 20 Gauge	28.27	6.81
12 31 13 00-0103			Pedestal Legs (12 31 13 00-0096)		
12 31 13 00-0104	EA		Type #304 Stainless Steel Pedestal Leg	255.65	10.39
12 31 13 00-0105			Stainless Steel Slanted Cabinet Top Enclosure (12 31 13 00-0096)		
12 31 13 00-0106	EA		Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	277.64	19.78
12 35 Specialty Casework (12 30)					
12 35 70 Healthcare Casework (12 35)					
12 35 70 13 Hospital Casework (12 35 70)					
12 35 70 13-0001 Modular Casework (12 35 70 13)			Note: Midmark.		
12 35 70 13-0002	EA		36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-243624	486.88	71.29
12 35 70 13-0003	EA		36" High Base Sink Unit, 2 Doors; Midmark MC-SBS005-363624	604.17	89.11
12 35 70 13-0004	EA		36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-243624	827.53	71.29
12 35 70 13-0005	EA		36" High Base Sink Unit, 2 Doors With Tap Master Valve; Midmark MC-SBS009-363624	953.00	89.11
12 35 70 13-0006	EA		36" High Base Storage Unit, 1 Door; Midmark MC-SBP006-243624	547.52	71.29
12 35 70 13-0007	EA		36" High Base Storage Unit, 2 Doors; Midmark MC-SBP007-363624	733.62	89.11
12 35 70 13-0008	EA		36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-153624	549.56	71.29
12 35 70 13-0009	EA		36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-183624	589.76	71.29
12 35 70 13-0010	EA		36" High Base Storage Unit, 1 4" Drawer, 1 Door; Midmark MC-SBP012-213624	624.51	71.29
12 35 70 13-0011	EA		36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-303624	780.63	89.11
12 35 70 13-0012	EA		36" High Base Storage Unit, 1 4" Drawer, 2 Doors; Midmark MC-SBP013-363624	792.21	89.11
12 35 70 13-0013	EA		36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-243624	728.74	71.29
12 35 70 13-0014	EA		36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-303624	848.76	89.11
12 35 70 13-0015	EA		36" High Base Storage Unit, 2 4" Drawer, 2 Doors; Midmark MC-SBP020-363624	873.97	89.11
12 35 70 13-0016	EA		36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-123624	640.86	71.29
12 35 70 13-0017	EA		36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-153624	658.57	71.29
12 35 70 13-0018	EA		36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers; Midmark MC-SBP024-183624	704.22	71.29
12 35 70 13-0019	EA		36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-303624	1,162.84	89.11
12 35 70 13-0020	EA		36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers; Midmark MC-SBP025-363624	1,226.88	89.11
12 35 70 13-0021	EA		36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-153624	819.36	71.29
12 35 70 13-0022	EA		36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-183624	866.37	71.29
12 35 70 13-0023	EA		36" High Base Storage Unit, 5 4" Drawer; Midmark MC-SBP032-213624	947.44	71.29
12 35 70 13-0024	EA		84" High Tall Storage Unit, 2 Doors; Midmark MC-STP032-368424	1,690.93	213.87
12 35 70 13-0025	EA		84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors; Midmark MC-STP081-248424	1,559.44	213.87
12 35 70 13-0026	EA		Desk Filler Panel; Midmark MC-SDA003-060501	66.88	17.83
12 35 70 13-0027	EA		30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-123014	361.52	71.29
12 35 70 13-0028	EA		30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-153014	355.39	71.29
12 35 70 13-0029	EA		30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-183014	377.19	71.29
12 35 70 13-0030	EA		30" High Overhead Unit, 1 Door; Midmark MC-SOHO41-213014	406.49	71.29
12 35 70 13-0031	EA		30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-243014	439.87	71.29
12 35 70 13-0032	EA		30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-303014	506.07	89.11
12 35 70 13-0033	EA		30" High Overhead Unit, 2 Doors; Midmark MC-SOHO42-363014	546.26	89.11
12 35 70 13-0034	EA		30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-303014	663.45	89.11
12 35 70 13-0035	EA		30" High Overhead Unit, 2 Window Doors; Midmark MC-SOHO44-363014	734.30	89.11
12 35 70 13-0036	LF		19" Self Edge Laminate Countertop With Backsplash	90.22	11.87
12 35 70 13-0037	LF		25" Self Edge Laminate Countertop With Backsplash	174.79	15.82
12 35 70 13-0038	SF		Melamine Wall Cabinet Inner Soffit	25.10	9.89
			Note: Includes blocking		
12 35 70 19 Exam Room Casework (12 35 70)					
12 35 70 19-0001			Medical Exam Room Cabinetwork (12 35 70 19)		
12 35 70 19-0002			Medical Exam Room Wall Cabinets (12 35 70 19-0001)		

12 Furnishings

12 30 Casework

12 35 Specialty Casework

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 35 70 19-0003	Medical Exam Room Wall Cabinets (Clinton Industries®) (12 35 70 19-0002)		
	Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls and flush-face doors.		
12 35 70 19-0004	EA 24" Width, 12" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8212).....	276.04	24.52
	For Additional Shelf, Add	23.60	
	For Lock And Inside Latch Combo For Double Doors, Add	54.91	
12 35 70 19-0005	EA 24" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8224).....	299.64	24.52
	For Additional Shelf, Add	23.60	
	For Lock And Inside Latch Combo For Double Doors, Add	54.91	
12 35 70 19-0006	EA 36" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8236).....	483.25	32.03
	For Additional Shelf, Add	23.60	
	For Lock And Inside Latch Combo For Double Doors, Add	55.21	
12 35 70 19-0007	EA 42" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8242).....	525.75	33.61
	For Additional Shelf, Add	23.60	
	For Lock And Inside Latch Combo For Double Doors, Add	55.28	
12 35 70 19-0008	EA 48" Width, 24" Height, 12" Depth, 2 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8248).....	579.93	35.99
	For Additional Shelf, Add	23.60	
	For Lock And Inside Latch Combo For Double Doors, Add	55.37	
12 35 70 19-0009	EA 54" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8254).....	654.36	38.35
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	37.48	
	For Lock And Inside Latch Combo For Double Doors, Add	55.46	
12 35 70 19-0010	EA 66" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8266).....	752.04	41.13
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	37.59	
	For Lock And Inside Latch Combo For Double Doors, Add	55.57	
12 35 70 19-0011	EA 72" Width, 24" Height, 12" Depth, 3 Doors, Medical Exam Room Wall Cabinet (Clinton Industries® 8272).....	796.13	43.50
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	37.69	
	For Lock And Inside Latch Combo For Double Doors, Add	55.67	
12 35 70 19-0012	Medical Exam Room Base Cabinets (12 35 70 19-0001)		
12 35 70 19-0013	Medical Exam Room Base Cabinets (Ritter®) (12 35 70 19-0012)		
	Note: Include polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors, Pebble Grey Kydex top.		
12 35 70 19-0014	EA 24" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Ritter® 2060).....	913.30	60.50
	For Lock For Single Door/Drawer, Add	38.36	
	For Soft Edge Top, Add	275.33	
12 35 70 19-0015	EA 24" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-001).....	943.64	60.50
	For Lock For Single Door/Drawer, Add	38.36	
	For Soft Edge Top, Add	275.33	
12 35 70 19-0016	EA 24" Width, 36" Height, 18" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-001).....	1,056.02	60.50
	For Lock For Single Door/Drawer, Add	38.36	
	For Soft Edge Top, Add	275.33	
12 35 70 19-0017	EA 24" Width, 36" Height, 24" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Ritter® 2061-002).....	1,065.01	60.50
	For Lock For Single Door/Drawer, Add	38.36	
	For Soft Edge Top, Add	275.33	
12 35 70 19-0018	EA 24" Width, 36" Height, 24" Depth, 5 Drawers, Medical Exam Room Base Cabinet (Ritter® 2062-002).....	1,199.87	60.50
	For Lock For Single Door/Drawer, Add	38.36	
	For Soft Edge Top, Add	275.33	
12 35 70 19-0019	Medical Exam Room Base Cabinets (Clinton Industries®) (12 35 70 19-0012)		
	Note: Include all laminate construction, chip resistant PVC edges, hinges, one shelf behind doors, mounting hardware, door pulls, flush-face doors and countertop.		
12 35 70 19-0020	EA 24" Width, 35" Height, 18" Depth, 2 Doors, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 76).....	506.77	98.86
	Note: Includes stainless steel sink and faucet.		
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	39.89	
	For Lock And Inside Latch Combo For Double Doors, Add	57.87	
12 35 70 19-0021	EA 24" Width, 35" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet (Clinton Industries® 8024).....	649.20	60.50
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	38.36	
	For Lock And Inside Latch Combo For Double Doors, Add	56.34	
12 35 70 19-0022	EA 36" Width, 35" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8036).....	928.32	68.01
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	38.66	
	For Lock And Inside Latch Combo For Double Doors, Add	56.64	
12 35 70 19-0023	EA 42" Width, 35" Height, 18" Depth, 3 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8042).....	1,004.57	73.56
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	38.88	
	For Lock And Inside Latch Combo For Double Doors, Add	56.86	
12 35 70 19-0024	EA 48" Width, 35" Height, 18" Depth, 4 Doors And 2 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8048).....	1,097.72	83.05
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	39.26	
	For Lock And Inside Latch Combo For Double Doors, Add	57.24	
12 35 70 19-0025	EA 54" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8054).....	1,316.37	88.97
	For Additional Shelf, Add	23.60	
	For Lock For Single Door/Drawer, Add	39.50	
	For Lock And Inside Latch Combo For Double Doors, Add	57.48	

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

12 35 70 19-0026	EA		66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8066)	1,452.98	94.90
			<i>For Additional Shelf, Add</i>	23.60	
			<i>For Lock For Single Door/Drawer, Add</i>	39.73	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	57.71	
12 35 70 19-0027	EA		66" Width, 35" Height, 18" Depth, 3 Doors And 3 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8042-99)	1,564.70	138.41
			Note: Includes stainless steel sink and faucet.		
			<i>For Additional Shelf, Add</i>	23.60	
			<i>For Lock For Single Door/Drawer, Add</i>	41.46	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	59.44	
12 35 70 19-0028	EA		72" Width, 35" Height, 18" Depth, 6 Doors And 3 Drawers, Medical Exam Room Base Cabinet (Clinton Industries® 8072)	1,549.13	100.84
			<i>For Additional Shelf, Add</i>	23.60	
			<i>For Lock For Single Door/Drawer, Add</i>	39.97	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	57.95	
12 35 70 19-0029	EA		72" Width, 35" Height, 18" Depth, 2 Doors And 6 Drawers, Medical Exam Room Base Cabinet With Sink And Desk (Clinton Industries® 8048-99)	1,787.29	146.32
			Note: Includes stainless steel sink and faucet.		
			<i>For Additional Shelf, Add</i>	23.60	
			<i>For Lock For Single Door/Drawer, Add</i>	41.78	
			<i>For Lock And Inside Latch Combo For Double Doors, Add</i>	59.76	

12 35 70 19-0030 Medical Exam Room Cabinet Combinations (12 35 70 19-0001)

12 35 70 19-0031 Medical Exam Room Cabinet Combinations (Ritter®) (12 35 70 19-0030)

Note: Includes base cabinet and overhead cabinet, powder coated steel shell, polymer covered drawers and door fronts, hinges, mounting hardware, door pulls, flush-face doors and laminate countertop.

12 35 70 19-0032	EA		48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,491.44	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0033	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic)	1,535.27	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0034	EA		48" Width, 36" Height, 18" Depth, 1 Door And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	1,868.25	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0035	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 1 Drawer, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic)	1,931.19	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0036	EA		48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,715.08	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0037	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Basic Value)	1,760.03	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0038	EA		48" Width, 36" Height, 18" Depth, 1 Door And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,225.63	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0039	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 2 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Basic Value)	2,268.33	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0040	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	1,937.59	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0041	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Overhead Cabinet (Ritter® Managed Care)	1,984.79	118.63
			<i>For Locks On Single Drawer And All Doors, Add</i>	358.82	
12 35 70 19-0042	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,449.26	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0043	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink And Overhead Cabinet (Ritter® Managed Care)	2,495.34	150.27
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	360.71	
12 35 70 19-0044	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,194.00	134.45
			<i>For Locks On Single Drawer And All Doors, Add</i>	359.77	
12 35 70 19-0045	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Desk And Overhead Cabinet (Ritter® Traditional)	2,236.70	134.45
			<i>For Locks On Single Drawer And All Doors, Add</i>	359.77	
12 35 70 19-0046	EA		48" Width, 36" Height, 18" Depth, 1 Door And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,704.54	166.08
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	361.65	
12 35 70 19-0047	EA		48" Width, 36" Height, 18" Depth, 2 Doors And 4 Drawers, Medical Exam Room Base Cabinet With Sink, Desk And Overhead Cabinet (Ritter® Traditional)	2,755.12	166.08
			Note: Includes stainless steel sink and faucet.		
			<i>For Locks On Single Drawer And All Doors, Add</i>	361.65	

12 36 Countertops (12 30)

12 36 23 Plastic Countertops (12 36)

12 Furnishings**12 30 Casework****12 36 Countertops**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
12 36 23 13 Plastic-Laminate-Clad Countertops (12 36 23)

12 36 23 13-0001	Plastic Laminate Countertops (12 36 23 13)		
12 36 23 13-0002	EA Field Cutout Plastic Laminate Counter Top For Sinks And Lavatories.....	65.91	
12 36 23 13-0003	SF Plastic Laminate Counter Top.....	15.04	3.95
	<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	2.85	
	<i>For Plywood Base Instead Of Particle Board, Add</i>	1.07	
12 36 23 13-0004	LF Plastic Laminate Counter Top With Backsplash, Up To 26" Deep.....	32.92	7.91
	<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	5.89	
	<i>For Plywood Base Instead Of Particle Board, Add</i>	2.21	
12 36 23 13-0005	LF Plastic Laminated Counter Top Custom Made With Backsplash.....	41.09	11.87
	Note: Up to 26" deep.		
	<i>For Square Edge Instead Of Rolled Drip Edge, Add</i>	5.89	
	<i>For Plywood Base Instead Of Particle Board, Add</i>	2.21	
12 36 23 13-0006	LF Plastic Laminated Backsplash.....	7.51	4.75
	<i>For Plywood Base Instead Of Particle Board, Add</i>	0.20	
12 36 23 13-0007	EA Plastic Laminate End Splash.....	31.72	4.75
	<i>For Plywood Base Instead Of Particle Board, Add</i>	3.33	

12 36 61 Simulated Stone Countertops (12 36)**12 36 61 16 Solid Surfacing Countertops (12 36 61)**

12 36 61 16-0001	Solid Polyester Countertops (12 36 61 16)		
12 36 61 16-0002	Solid Polyester Countertop And Backsplash, Group B Colors (12 36 61 16-0001)		
	Note: May be used for wall applications.		
12 36 61 16-0003	SF 1/4" Solid Polyester (Corian) Backsplash, Group B Colors.....	20.81	5.27
	Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.		
	<i>For Group A Color Material, Deduct</i>	-3.69	
	<i>For Group C Color Material, Add</i>	1.47	
	<i>For Group D Color Material, Add</i>	4.05	
12 36 61 16-0004	SF 1/2" Solid Polyester (Corian) Countertop, Group B Colors.....	41.64	7.91
	Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
	<i>For Group A Color Material, Deduct</i>	-7.38	
	<i>For Group C Color Material, Add</i>	2.95	
	<i>For Group D Color Material, Add</i>	8.11	
	<i>For Each LF Of Half Round Edge, Add</i>	8.00	
	<i>For Each LF Of Ogee Or Full Round Edge, Add</i>	12.00	
	<i>For Each LF Of Machining A Cove At Backsplash, Add</i>	10.00	
	<i>For Each Sink, Range Or Vanity Cutout, Add</i>	15.00	
	<i>For 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add</i>	124.80	
	<i>For 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add</i>	157.80	
	<i>For 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add</i>	115.20	
	<i>For 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add</i>	109.80	
	<i>For 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add</i>	157.80	
	<i>For 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add</i>	157.80	
	<i>For 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add</i>	157.80	
	<i>For 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add</i>	157.80	
	<i>For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add</i>	142.20	
	Note: Single or double bowl.		
	<i>For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add</i>	247.20	
	Note: Single or double bowl.		
	<i>For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add</i>	331.20	
	Note: Single or double bowl.		
	<i>For >3 SF Integral Single Basin Kitchen Sink, Add</i>	358.80	
	Note: Single or double bowl.		
	<i>For >3 SF Integral Double Basin Kitchen Sink, Add</i>	358.80	

12 40 Furnishings And Accessories (12)**12 41 Office Accessories (12 40)**

12 41 00 00-0001	Wall Mounted Office Accessories (12 41)		
12 41 00 00-0002	EA Manual Pencil Sharpener, Wall Mounted.....	11.44	2.74
12 41 00 00-0003	EA Wall Mounted Flag.....	10.89	2.74

12 48 Rugs And Mats (12 40)**12 48 13 Entrance Floor Mats And Frames (12 48)****12 48 13 13 Entrance Floor Mats (12 48 13)**

12 48 13 13-0001	Floor Mats (12 48 13 13)		
12 48 13 13-0002	SF 3/8" Thick Solid Recessable Floor Mat.....	12.19	1.88
	<i>For Colors, Add</i>	1.69	
12 48 13 13-0003	SF 1/2" Thick Solid Recessable Floor Mat.....	14.79	1.88
	<i>For Colors, Add</i>	2.21	
12 48 13 13-0004	SF 3/8" Thick Perforated Recessable Floor Mat.....	12.84	1.88
	<i>For Colors, Add</i>	1.82	
12 48 13 13-0005	SF 1/2" Thick Perforated Recessable Floor Mat.....	15.44	1.88
	<i>For Colors, Add</i>	2.34	

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

12 48 13 13-0006			Link Mats <small>(12 48 13 13)</small> Note: Includes nosing.		
12 48 13 13-0007	SF		3/8" Link Mats, Aluminum	14.88	1.88
12 48 13 13-0008	SF		Black Rubber Link Mats With Galvanized Tie Rods.....	12.68	1.88
12 48 13 13-0009	SF		3/8" Thick, Galvanized Steel Link Mats.....	11.87	1.88
12 48 13 13-0010	SF		Vinyl Link Mats, Color	13.64	1.88
12 48 13 13-0011	LF		Rubber Nosing.....	3.94	0.82

12 48 13 13-0012			Duckboard <small>(12 48 13 13)</small>		
12 48 13 13-0013	SF		Aluminum Slats.....	20.65	2.05
12 48 13 13-0014	SF		Hardwood Strips On Rubber Base.....	12.74	2.05
12 48 13 13-0015	SF		Assembled With Brass Rods And Vinyl Spacers	14.01	2.05
12 48 13 13-0016	SF		Tire Fabric, 3/4" Thick.....	12.81	2.05
12 48 13 13-0017	SF		Vinyl, 36" Wide, Hollow Top And Bottom.....	6.59	2.05
12 48 13 13-0018	SF		Vinyl, 36" Wide, Solid Top And Bottom.....	8.55	2.05

12 48 13 16 Entrance Floor Mat Frames (12 48 13)

12 48 13 16-0001			Recessed Frames <small>(12 48 13 16)</small>		
12 48 13 16-0002	LF		Aluminum Recessed Embedded Frame	11.58	3.16
12 48 13 16-0003	LF		Bronze Recessed Embedded Frame.....	16.73	3.16

12 50 Furniture (12)
12 59 Systems Furniture (12 50)
12 59 13 Panel-Hung Component System Furniture (12 59)

12 59 13 00-0001			Panel Hung Furniture, Office Systems <small>(12 59 13)</small>		
12 59 13 00-0002	EA		Acoustic Panel, 43" High, 24" Wide, NRC .85	264.48	
12 59 13 00-0003	EA		Acoustic Panel, 43" High, 30" Wide, NRC .85	295.08	
12 59 13 00-0004	EA		Acoustic Panel, 43" High, 36" Wide, NRC .85	326.06	
12 59 13 00-0005	EA		Acoustic Panel, 43" High, 48" Wide, NRC .85	390.49	
12 59 13 00-0006	EA		Acoustic Panel, 64" High, 30" Wide, NRC .85	350.98	
12 59 13 00-0007	EA		Acoustic Panel, 64" High, 36" Wide, NRC .85	375.89	
12 59 13 00-0008	EA		Acoustic Panel, 64" High, 42" Wide, NRC .85	436.40	
12 59 13 00-0009	EA		Acoustic Panel, 64" High, 48" Wide, NRC .85	462.74	
12 59 13 00-0010	EA		Acoustic Panel, 64" High, 60" Wide, NRC .85	507.23	
12 59 13 00-0011	EA		Bookshelf, 36" Wide, 13-3/4" Depth, 8" High	122.45	
12 59 13 00-0012	EA		Bookshelf, 42" Wide, 13-3/4" Depth, 16" High	128.51	
12 59 13 00-0013	EA		Bookshelf, 48" Wide, 13-3/4" Depth, 8" High	132.06	
12 59 13 00-0014	EA		Cantilever Bracket, 20" Deep, 24" Deep	41.11	
12 59 13 00-0015	PR		Countertop Bracket, Pair	17.17	
12 59 13 00-0016	EA		Flat Bracket, 20" Deep, 24" Wide	21.22	
12 59 13 00-0017	PR		Worksurface Kit, Pair	17.17	
12 59 13 00-0018	EA		Connector Kit, Ell, 43" High, 90" Deep.....	74.04	
12 59 13 00-0019	EA		Connector Kit, Ell, 64" High, 90" Deep.....	43.43	
12 59 13 00-0020	EA		Connector Kit, Straight, 43" High	30.08	
12 59 13 00-0021	EA		Connector Kit, Straight, 64" High.....	31.00	
12 59 13 00-0022	EA		Support Column For Peninsula, 29-1/2" High	106.26	
12 59 13 00-0023	EA		Countertop, 15" Deep, 36" Wide.....	139.54	
12 59 13 00-0024	EA		Countertop, 15" Deep, 48" Wide.....	155.56	
12 59 13 00-0025	EA		Duplex Receptacle Circuit 1.....	15.18	
12 59 13 00-0026	EA		Duplex Receptacle Circuit 2.....	17.83	
12 59 13 00-0027	EA		Electric Power Harness, 36" Wide.....	99.13	
12 59 13 00-0028	EA		Electric Power Harness, 42" Wide.....	101.63	
12 59 13 00-0029	EA		Electric Power Harness, 60" Wide	104.13	
12 59 13 00-0030	EA		Panel End Cover, 43" High	30.08	
12 59 13 00-0031	EA		Panel End Cover, 64" High.....	30.08	
12 59 13 00-0032	EA		Finish End Cover, 2-way, Variable Height.....	45.56	
12 59 13 00-0033	EA		Overhead Cabinet With Door, 42" Wide	286.54	
12 59 13 00-0034	EA		Overhead Cabinet With Door, 60" Wide	435.32	
12 59 13 00-0035	EA		Pedestal Spacer, 22" Deep, 15" Wide	49.30	
12 59 13 00-0036	EA		Pedestal Spacer, 28" Deep, 15" Wide	59.44	
12 59 13 00-0037	EA		Pedestal Box, Box, File, 22" Deep, 26" High	346.36	
12 59 13 00-0038	EA		Pedestal Box, Box, File, 28" Deep, 26" High	361.29	
12 59 13 00-0039	EA		Pedestal File, File, 22" Deep, 26" High.....	322.87	
12 59 13 00-0040	EA		Pedestal Lateral File, 2 Drawer, 30" Wide	455.63	
12 59 13 00-0041	EA		Base In Feed Power Cable.....	202.56	
12 59 13 00-0042	EA		Task Light, Recessed, 30" - 36" Wide	134.38	
12 59 13 00-0043	EA		Task Light, Recessed, 42" - 48" Wide	145.23	
12 59 13 00-0044	EA		Task Light, Recessed, 60" Wide.....	157.33	
12 59 13 00-0045	EA		Worksurface, Radius Edge, 24" Deep, 36" Wide	144.69	
12 59 13 00-0046	EA		Worksurface, Radius Edge, 24" Deep, 42" Wide	177.63	
12 59 13 00-0047	EA		Worksurface, Radius Edge, 24" Deep, 48" Wide	189.38	
12 59 13 00-0048	EA		Worksurface, Radius Edge, 24" Deep, 60" Wide.....	237.79	
12 59 13 00-0049	EA		Worksurface, Radius Edge, 24" Deep, 72" Wide	268.75	
12 59 13 00-0050	EA		Worksurface, Radius Edge, 30" Deep, 42" Wide	227.81	
12 59 13 00-0051	EA		Worksurface, Radius Edge, 30" Deep, 60" Wide	265.90	
12 59 13 00-0052	EA		Worksurface, Radius Edge, 30" Deep, 72" Wide	302.57	
12 59 13 00-0053	EA		Worksurface, Radius Edge, Corner 24" Deep, 36" Wide	348.13	
12 59 13 00-0054	EA		Worksurface, Radius Edge, Corner 24" Deep, 42" Wide	395.81	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 13 00-0055 EA Worksurface, Peninsula, 36" Wide, 66" Long.....455.63

12 59 13 00-0056 Open Office Systems Furniture Components (12 59 13)

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0057	EA	34H 24W Fabric Covered Panel - Component Systems Furniture.....	167.12	19.28
		<i>For Tackable Acoustical Barrier Panel, Add</i>	27.36	
		<i>For Acoustical Panel, Add</i>	29.74	
		<i>For Enameled Surface, Deduct</i>	-11.90	
12 59 13 00-0058	EA	34H 30W Fabric Covered Panel - Component Systems Furniture.....	185.74	21.45
		<i>For Tackable Acoustical Barrier Panel, Add</i>	30.41	
		<i>For Acoustical Panel, Add</i>	33.05	
		<i>For Enameled Surface, Deduct</i>	-13.22	
12 59 13 00-0059	EA	34H 36W Fabric Covered Panel - Component Systems Furniture.....	198.60	22.85
		<i>For Tackable Acoustical Barrier Panel, Add</i>	32.52	
		<i>For Acoustical Panel, Add</i>	35.34	
		<i>For Enameled Surface, Deduct</i>	-14.14	
12 59 13 00-0060	EA	34H 48W Fabric Covered Panel - Component Systems Furniture.....	222.53	25.66
		<i>For Tackable Acoustical Barrier Panel, Add</i>	36.43	
		<i>For Acoustical Panel, Add</i>	39.60	
		<i>For Enameled Surface, Deduct</i>	-15.84	
12 59 13 00-0061	EA	42H 24W Fabric Covered Panel - Component Systems Furniture.....	169.77	19.56
		<i>For Tackable Acoustical Barrier Panel, Add</i>	27.80	
		<i>For Acoustical Panel, Add</i>	30.21	
		<i>For Enameled Surface, Deduct</i>	-12.09	
12 59 13 00-0062	EA	42H 30W Fabric Covered Panel - Component Systems Furniture.....	191.93	22.08
		<i>For Tackable Acoustical Barrier Panel, Add</i>	31.42	
		<i>For Acoustical Panel, Add</i>	34.16	
		<i>For Enameled Surface, Deduct</i>	-13.66	
12 59 13 00-0063	EA	42H 36W Fabric Covered Panel - Component Systems Furniture.....	214.98	24.82
		<i>For Tackable Acoustical Barrier Panel, Add</i>	35.20	
		<i>For Acoustical Panel, Add</i>	38.26	
		<i>For Enameled Surface, Deduct</i>	-15.30	
12 59 13 00-0064	EA	42H 48W Fabric Covered Panel - Component Systems Furniture.....	252.68	29.09
		<i>For Tackable Acoustical Barrier Panel, Add</i>	41.37	
		<i>For Acoustical Panel, Add</i>	44.97	
		<i>For Enameled Surface, Deduct</i>	-17.99	
12 59 13 00-0065	EA	62H 12W Fabric Covered Panel - Component Systems Furniture.....	163.58	18.86
		<i>For Tackable Acoustical Barrier Panel, Add</i>	26.78	
		<i>For Acoustical Panel, Add</i>	29.11	
		<i>For Enameled Surface, Deduct</i>	-11.64	
12 59 13 00-0066	EA	62H 24W Fabric Covered Panel - Component Systems Furniture.....	201.26	23.20
		<i>For Tackable Acoustical Barrier Panel, Add</i>	32.95	
		<i>For Acoustical Panel, Add</i>	35.82	
		<i>For Enameled Surface, Deduct</i>	-14.33	
12 59 13 00-0067	EA	62H 36W Fabric Covered Panel - Component Systems Furniture.....	251.81	29.02
		<i>For Tackable Acoustical Barrier Panel, Add</i>	41.23	
		<i>For Acoustical Panel, Add</i>	44.81	
		<i>For Enameled Surface, Deduct</i>	-17.92	
12 59 13 00-0068	EA	62H 48W Fabric Covered Panel - Component Systems Furniture.....	301.42	34.70
		<i>For Tackable Acoustical Barrier Panel, Add</i>	49.35	
		<i>For Acoustical Panel, Add</i>	53.65	
		<i>For Enameled Surface, Deduct</i>	-21.46	
12 59 13 00-0069	EA	34" Draw Rod Panel Connector Hardware.....	9.13	1.05
12 59 13 00-0070	EA	42" Draw Rod Panel Connector Hardware.....	9.13	1.05
12 59 13 00-0071	EA	62" Draw Rod Panel Connector Hardware.....	9.74	1.12
12 59 13 00-0072	EA	34" Two-Way 90 Degree Panel Connector Hardware.....	41.99	4.84
12 59 13 00-0073	EA	42" Two-Way 90 Degree Panel Connector Hardware.....	48.67	5.61
12 59 13 00-0074	EA	62" Two-Way 90 Degree Panel Connector Hardware.....	55.98	6.45
12 59 13 00-0075	EA	34" Three-Way 90 Degree Panel Connector Hardware.....	65.10	7.50
12 59 13 00-0076	EA	42" Three-Way 90 Degree Panel Connector Hardware.....	75.45	8.70
12 59 13 00-0077	EA	62" Three-Way 90 Degree Panel Connector Hardware.....	87.62	10.09
12 59 13 00-0078	EA	34" Four-Way 90 Degree Panel Connector Hardware.....	82.14	9.46
12 59 13 00-0079	EA	42" Four-Way 90 Degree Panel Connector Hardware.....	96.14	11.07
12 59 13 00-0080	EA	62" Four-Way 90 Degree Panel Connector Hardware.....	115.60	13.32
12 59 13 00-0081	EA	34" Panel End Cap Hardware.....	13.99	1.61
12 59 13 00-0082	EA	42" Panel End Cap Hardware.....	15.81	1.83
12 59 13 00-0083	EA	62" Panel End Cap Hardware.....	17.04	1.97
12 59 13 00-0084	EA	28" Variable Height Panel End Filler.....	15.43	1.83
		Note: Field cut to appropriate length.		
12 59 13 00-0085	EA	Two-Way Trim Cover For Cable Management Raceway.....	7.95	0.91
12 59 13 00-0086	EA	Three-Way Trim Cover For Cable Management Raceway.....	8.38	0.98
12 59 13 00-0087	EA	Four-Way Trim Cover For Cable Management Raceway.....	9.71	1.12
12 59 13 00-0088	EA	Finished End Trim Cover For Cable Management Raceway.....	7.95	0.91
12 59 13 00-0089	EA	12" Cable Management Raceway Assembly.....	16.32	1.90
		Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0090	EA	24" Cable Management Raceway Assembly.....	18.53	2.11
		Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0091	EA	30" Cable Management Raceway Assembly.....	18.97	2.18
		Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0092	EA	36" Cable Management Raceway Assembly.....	21.17	2.46
		Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0093	EA	48" Cable Management Raceway Assembly.....	23.81	2.74
		Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0094	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	128.10	14.72
12 59 13 00-0095	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	157.81	18.16
12 59 13 00-0096	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	148.95	17.17
12 59 13 00-0097	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	186.20	21.45
12 59 13 00-0098	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	187.96	21.66

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

12 59 13 00-0099	EA		30" x 60" Radius Edge Rectangular Hanging Work Surface.....	236.72	27.33
12 59 13 00-0100	EA		24" x 72" Radius Edge Rectangular Hanging Work Surface.....	228.29	26.28
12 59 13 00-0101	EA		30" x 72" Radius Edge Rectangular Hanging Work Surface.....	286.79	33.01
12 59 13 00-0102	EA		30" x 60" Radius Edge Table.....	509.46	58.74
12 59 13 00-0103	EA		30" x 72" Radius Edge Table.....	556.76	64.21
12 59 13 00-0104	EA		14" x 24" Radius Edge Transaction Surface.....	61.17	7.08
12 59 13 00-0105	EA		14" x 36" Radius Edge Transaction Surface.....	69.59	7.99
12 59 13 00-0106	EA		14" x 48" Radius Edge Transaction Surface.....	78.02	8.97
12 59 13 00-0107	EA		14" x 60" Radius Edge Transaction Surface.....	97.07	11.21
12 59 13 00-0108	EA		14" x 72" Radius Edge Transaction Surface.....	116.58	13.46
12 59 13 00-0109	EA		14" Right Angle Corner Transaction Surface.....	203.92	23.48
12 59 13 00-0110	EA		Transaction Surface Support.....	16.15	1.86
12 59 13 00-0111	EA		Plastic Pencil Drawer.....	17.49	1.83
12 59 13 00-0112	EA		15-1/2" x 24" Hanging Shelf.....	59.56	6.87
12 59 13 00-0113	EA		15-1/2" x 36" Hanging Shelf.....	64.85	7.43
12 59 13 00-0114	EA		15-1/2" x 48" Hanging Shelf.....	69.26	7.99
12 59 13 00-0115	EA		24" Flipper Door - Top And Front Closure.....	102.77	11.85
			Note: Used with hanging shelf.		
12 59 13 00-0116	EA		36" Flipper Door - Top And Front Closure.....	119.98	13.88
			Note: Used with hanging shelf.		
12 59 13 00-0117	EA		48" Flipper Door - Top And Front Closure.....	137.62	15.84
			Note: Used with hanging shelf.		
12 59 13 00-0118	EA		24" Suspended Lateral File, Lockable.....	354.23	40.62
12 59 13 00-0119	EA		30" Suspended Lateral File, Lockable.....	374.13	42.90
12 59 13 00-0120	EA		36" Suspended Lateral File, Lockable.....	394.76	45.27
12 59 13 00-0121	EA		48" Suspended Lateral File, Lockable.....	431.76	49.51
12 59 13 00-0122	EA		Fully Adjustable Vinyl Keyboard Tray.....	160.58	18.51
12 59 13 00-0123	EA		Palm Rest For Vinyl Keyboard Tray.....	25.13	2.94
12 59 13 00-0124	EA		24" x 36" Radius Edge Corner Work Surface.....	202.87	23.41
12 59 13 00-0125	EA		File Drawer Organizer.....	65.30	7.50
12 59 13 00-0126	EA		Suspended Lateral File Converter Bracket.....	14.11	1.61
12 59 13 00-0127	EA		Utility Task Light.....	70.57	8.14

12 59 13 00-0128

Disassemble And Store Systems Furniture Components (12 59 13)

12 59 13 00-0129	EA		Disassemble And Store 34H 24W Fabric Covered Panel.....	24.08	
12 59 13 00-0130	EA		Disassemble And Store 34H 30W Fabric Covered Panel.....	26.77	
12 59 13 00-0131	EA		Disassemble And Store 34H 36W Fabric Covered Panel.....	28.63	
12 59 13 00-0132	EA		Disassemble And Store 34H 48W Fabric Covered Panel.....	32.08	
12 59 13 00-0133	EA		Disassemble And Store 42H 24W Fabric Covered Panel.....	24.47	
12 59 13 00-0134	EA		Disassemble And Store 42H 30W Fabric Covered Panel.....	27.67	
12 59 13 00-0135	EA		Disassemble And Store 42H 36W Fabric Covered Panel.....	30.99	
12 59 13 00-0136	EA		Disassemble And Store 42H 48W Fabric Covered Panel.....	36.42	
12 59 13 00-0137	EA		Disassemble And Store 62H 12W Fabric Covered Panel.....	23.57	
12 59 13 00-0138	EA		Disassemble And Store 62H 24W Fabric Covered Panel.....	29.01	
12 59 13 00-0139	EA		Disassemble And Store 62H 36W Fabric Covered Panel.....	36.29	
12 59 13 00-0140	EA		Disassemble And Store 62H 48W Fabric Covered Panel.....	43.46	
12 59 13 00-0141	EA		Disassemble And Store 34" Draw Rod Panel Connector Hardware.....	1.31	
12 59 13 00-0142	EA		Disassemble And Store 42" Draw Rod Panel Connector Hardware.....	1.31	
12 59 13 00-0143	EA		Disassemble And Store 62" Draw Rod Panel Connector Hardware.....	1.40	
12 59 13 00-0144	EA		Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware.....	6.05	
12 59 13 00-0145	EA		Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware.....	7.01	
12 59 13 00-0146	EA		Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware.....	8.07	
12 59 13 00-0147	EA		Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware.....	9.39	
12 59 13 00-0148	EA		Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware.....	10.87	
12 59 13 00-0149	EA		Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware.....	12.63	
12 59 13 00-0150	EA		Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware.....	11.84	
12 59 13 00-0151	EA		Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware.....	13.85	
12 59 13 00-0152	EA		Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware.....	16.66	
12 59 13 00-0153	EA		Disassemble And Store 34" Panel End Cap Hardware.....	2.02	
12 59 13 00-0154	EA		Disassemble And Store 42" Panel End Cap Hardware.....	2.28	
12 59 13 00-0155	EA		Disassemble And Store 62" Panel End Cap Hardware.....	2.46	
12 59 13 00-0156	EA		Disassemble And Store Variable Height Panel End Filler.....	2.23	
12 59 13 00-0157	EA		Disassemble And Store Two-Way Trim Cover For Cable Management Raceway.....	1.14	
12 59 13 00-0158	EA		Disassemble And Store Three-Way Trim Cover For Cable Management Raceway.....	1.20	
12 59 13 00-0159	EA		Disassemble And Store Four-Way Trim Cover For Cable Management Raceway.....	1.39	
12 59 13 00-0160	EA		Disassemble And Store Finished End Trim Cover For Cable Management Raceway.....	1.14	
12 59 13 00-0161	EA		Disassemble And Store 12" Cable Management Raceway Assembly.....	2.36	
12 59 13 00-0162	EA		Disassemble And Store 24" Cable Management Raceway Assembly.....	2.67	
12 59 13 00-0163	EA		Disassemble And Store 30" Cable Management Raceway Assembly.....	2.74	
12 59 13 00-0164	EA		Disassemble And Store 36" Cable Management Raceway Assembly.....	3.05	
12 59 13 00-0165	EA		Disassemble And Store 48" Cable Management Raceway Assembly.....	3.43	
12 59 13 00-0166	EA		Disassemble And Store 24" x 36" Radius Edge Rectangular Hanging Work Surface.....	18.47	
12 59 13 00-0167	EA		Disassemble And Store 30" x 36" Radius Edge Rectangular Hanging Work Surface.....	22.75	
12 59 13 00-0168	EA		Disassemble And Store 24" x 48" Radius Edge Rectangular Hanging Work Surface.....	21.47	
12 59 13 00-0169	EA		Disassemble And Store 30" x 48" Radius Edge Rectangular Hanging Work Surface.....	26.83	
12 59 13 00-0170	EA		Disassemble And Store 24" x 60" Radius Edge Rectangular Hanging Work Surface.....	27.09	
12 59 13 00-0171	EA		Disassemble And Store 30" x 60" Radius Edge Rectangular Hanging Work Surface.....	34.12	
12 59 13 00-0172	EA		Disassemble And Store 24" x 72" Radius Edge Rectangular Hanging Work Surface.....	32.90	
12 59 13 00-0173	EA		Disassemble And Store 30" x 72" Radius Edge Rectangular Hanging Work Surface.....	41.34	
12 59 13 00-0174	EA		Disassemble And Store 30" x 60" Radius Edge Table.....	63.84	
12 59 13 00-0175	EA		Disassemble And Store 30" x 72" Radius Edge Table.....	80.23	
12 59 13 00-0176	EA		Disassemble And Store 14" x 24" Radius Edge Transaction Surface.....	8.82	
12 59 13 00-0177	EA		Disassemble And Store 14" x 36" Radius Edge Transaction Surface.....	10.03	
12 59 13 00-0178	EA		Disassemble And Store 14" x 48" Radius Edge Transaction Surface.....	11.24	

12 Furnishings**12 50 Furniture****12 59 Systems Furniture**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 59 13 00-0179	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface.....	13.99
12 59 13 00-0180	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface.....	16.80
12 59 13 00-0181	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface.....	29.39
12 59 13 00-0182	EA	Disassemble And Store Transaction Surface Support.....	2.32
12 59 13 00-0183	EA	Disassemble And Store Plastic Pencil Drawer.....	2.29
12 59 13 00-0184	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf.....	8.59
12 59 13 00-0185	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf.....	9.35
12 59 13 00-0186	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf.....	9.98
12 59 13 00-0187	EA	Disassemble And Store 24" Flipper Door And Shelf.....	14.82
12 59 13 00-0188	EA	Disassemble And Store 36" Flipper Door And Shelf.....	17.29
12 59 13 00-0189	EA	Disassemble And Store 48" Flipper Door And Shelf.....	19.84
12 59 13 00-0190	EA	Disassemble And Store 24" Suspended Lateral File.....	50.78
12 59 13 00-0191	EA	Disassemble And Store 30" Suspended Lateral File.....	53.63
12 59 13 00-0192	EA	Disassemble And Store 36" Suspended Lateral File.....	56.59
12 59 13 00-0193	EA	Disassemble And Store 48" Suspended Lateral File.....	61.89
12 59 13 00-0194	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray.....	23.15
12 59 13 00-0195	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface.....	29.24
12 59 13 00-0196	EA	Disassemble And Store Utility Task Light.....	10.17

12 59 13 00-0197 Reconfigure Systems Furniture Components (12 59 13)

12 59 13 00-0198	EA	Reconfigure 34H 24W Fabric Covered Panel.....	25.68
12 59 13 00-0199	EA	Reconfigure 34H 30W Fabric Covered Panel.....	28.55
12 59 13 00-0200	EA	Reconfigure 34H 36W Fabric Covered Panel.....	30.51
12 59 13 00-0201	EA	Reconfigure 34H 48W Fabric Covered Panel.....	34.20
12 59 13 00-0202	EA	Reconfigure 42H 24W Fabric Covered Panel.....	26.09
12 59 13 00-0203	EA	Reconfigure 42H 30W Fabric Covered Panel.....	29.50
12 59 13 00-0204	EA	Reconfigure 42H 36W Fabric Covered Panel.....	33.04
12 59 13 00-0205	EA	Reconfigure 42H 48W Fabric Covered Panel.....	38.83
12 59 13 00-0206	EA	Reconfigure 62H 12W Fabric Covered Panel.....	25.14
12 59 13 00-0207	EA	Reconfigure 62H 24W Fabric Covered Panel.....	30.93
12 59 13 00-0208	EA	Reconfigure 62H 36W Fabric Covered Panel.....	38.69
12 59 13 00-0209	EA	Reconfigure 62H 48W Fabric Covered Panel.....	46.32
12 59 13 00-0210	EA	Reconfigure 34" Draw Rod Panel Connector Hardware.....	1.40
12 59 13 00-0211	EA	Reconfigure 42" Draw Rod Panel Connector Hardware.....	1.40
12 59 13 00-0212	EA	Reconfigure 62" Draw Rod Panel Connector Hardware.....	1.49
12 59 13 00-0213	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware.....	6.45
12 59 13 00-0214	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware.....	7.48
12 59 13 00-0215	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware.....	8.61
12 59 13 00-0216	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware.....	10.00
12 59 13 00-0217	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware.....	11.60
12 59 13 00-0218	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware.....	13.46
12 59 13 00-0219	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware.....	12.62
12 59 13 00-0220	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware.....	14.78
12 59 13 00-0221	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware.....	17.77
12 59 13 00-0222	EA	Reconfigure 34" Panel End Cap Hardware.....	2.15
12 59 13 00-0223	EA	Reconfigure 42" Panel End Cap Hardware.....	2.43
12 59 13 00-0224	EA	Reconfigure 62" Panel End Cap Hardware.....	2.62
12 59 13 00-0225	EA	Reconfigure Variable Height Panel End Filler.....	2.37
12 59 13 00-0226	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway.....	1.22
12 59 13 00-0227	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway.....	1.28
12 59 13 00-0228	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway.....	1.49
12 59 13 00-0229	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway.....	1.22
12 59 13 00-0230	EA	Reconfigure 12" Cable Management Raceway Assembly.....	2.51
12 59 13 00-0231	EA	Reconfigure 24" Cable Management Raceway Assembly.....	2.85
12 59 13 00-0232	EA	Reconfigure 30" Cable Management Raceway Assembly.....	2.92
12 59 13 00-0233	EA	Reconfigure 36" Cable Management Raceway Assembly.....	3.25
12 59 13 00-0234	EA	Reconfigure 48" Cable Management Raceway Assembly.....	3.66
12 59 13 00-0235	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	19.69
12 59 13 00-0236	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	24.26
12 59 13 00-0237	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	22.89
12 59 13 00-0238	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	28.61
12 59 13 00-0239	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	28.89
12 59 13 00-0240	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	36.38
12 59 13 00-0241	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	35.08
12 59 13 00-0242	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	44.08
12 59 13 00-0243	EA	Reconfigure 30" x 60" Radiused Edge Table.....	78.30
12 59 13 00-0244	EA	Reconfigure 30" x 72" Radiused Edge Table.....	85.57
12 59 13 00-0245	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface.....	9.40
12 59 13 00-0246	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface.....	10.69
12 59 13 00-0247	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface.....	11.99
12 59 13 00-0248	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface.....	14.92
12 59 13 00-0249	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface.....	17.92
12 59 13 00-0250	EA	Reconfigure 14" Right Angle Corner Transaction Surface.....	31.34
12 59 13 00-0251	EA	Reconfigure Transaction Surface Support.....	2.48
12 59 13 00-0252	EA	Reconfigure 15-1/2" x 24" Hanging Shelf.....	9.15
12 59 13 00-0253	EA	Reconfigure 15-1/2" x 36" Hanging Shelf.....	9.96
12 59 13 00-0254	EA	Reconfigure 15-1/2" x 48" Hanging Shelf.....	10.64
12 59 13 00-0255	EA	Reconfigure 24" Flipper Door And Shelf.....	15.80
12 59 13 00-0256	EA	Reconfigure 36" Flipper Door And Shelf.....	18.44
12 59 13 00-0257	EA	Reconfigure 48" Flipper Door And Shelf.....	21.16
12 59 13 00-0258	EA	Reconfigure 24" Suspended Lateral File.....	54.17
12 59 13 00-0259	EA	Reconfigure 30" Suspended Lateral File.....	57.21
12 59 13 00-0260	EA	Reconfigure 36" Suspended Lateral File.....	60.36
12 59 13 00-0261	EA	Reconfigure 48" Suspended Lateral File.....	66.03

		Furnishings	12
		Furniture	12 50
		Systems Furniture	12 59
MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

12 59 13 00-0262	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface	31.18
------------------	----	---	-------

12 59 16 Free-Standing Component System Furniture (12 59)

12 59 16 00-0001 Furniture, Office Systems (12 59 16)			
12 59 16 00-0002	EA	Desk Top, 24" Deep x 48" Wide	363.06
12 59 16 00-0003	EA	Desk Top, 30" Deep x 48" Wide	452.80
12 59 16 00-0004	EA	Desk Top, 30" Deep x 60" Wide	521.48
12 59 16 00-0005	EA	Desk Top, 30" Deep x 72" Wide	553.78
12 59 16 00-0006	EA	File, Mobile, 2-Drawer, 22" Deep	479.40
12 59 16 00-0007	EA	File, Suspended, 2-Drawer, 22" Deep	409.81
12 59 16 00-0008	EA	File, Undercounter, 2-Drawer, 22" Deep	469.87
12 59 16 00-0009	EA	File, Undercounter, 2 Box, 1 File, 22" Deep	494.88
12 59 16 00-0010	EA	Keyboard Platform With Articulating Arm	258.59
12 59 16 00-0011	EA	End Support Leg	183.66
12 59 16 00-0012	EA	Modesty Panel, 48" Wide	83.65
12 59 16 00-0013	EA	Modesty Panel, Return	91.13
12 59 16 00-0014	EA	Pencil/Utility Drawer	143.63
12 59 16 00-0015	EA	Privacy Screen, 48" Wide x 17-20" High	243.48
12 59 16 00-0016	EA	Privacy Screen, 72" Wide x 17-20" High	342.93
12 59 16 00-0017	EA	Printer Stand, 30" Deep x 36" Wide	514.36
12 59 16 00-0018	EA	Printer Stand, Universal	666.86
12 59 16 00-0019	EA	Paper Basket	60.87
12 59 16 00-0020	EA	Storage Unit With Doors, 60" Wide	792.67
12 59 16 00-0021	EA	Storage Unit With Doors, 72" Wide	959.37
12 59 16 00-0022	EA	Table, Peninsula, 30" x 72"	535.90
12 59 16 00-0023	EA	Return Table, 24" x 48"	407.99
12 59 16 00-0024	EA	Round Conference Return, 42" Diameter	455.63
12 59 16 00-0025	EA	Work Surface, 24" Deep x 48" Wide	281.19
12 59 16 00-0026	EA	Work Surface, 30" Deep x 30" Wide	265.90
12 59 16 00-0027	EA	Work Surface, 30" Deep x 60" Wide	374.94
12 59 16 00-0028	EA	Work Surface, 30" Deep x 72" Wide	393.74
12 59 16 00-0029	EA	Corner Bridge, 30" x 42"	410.95
12 59 16 00-0030	EA	Peninsula, 30" x 60"	583.69
12 59 16 00-0031	EA	Connector Plate	15.20

12 59 16 00-0032 Herman Miller Systems Furniture (12 59 16)
12 59 16 00-0033 Herman Miller Systems Furniture (12 59 16 00-0032)

12 59 16 00-0034	EA	Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	167.12	19.28
		<i>For Owner Furnished Material, Deduct</i>	-118.96	
12 59 16 00-0035	EA	Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	185.74	21.45
		<i>For Owner Furnished Material, Deduct</i>	-132.21	
12 59 16 00-0036	EA	Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	198.60	22.85
		<i>For Owner Furnished Material, Deduct</i>	-141.37	
12 59 16 00-0037	EA	Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	222.53	25.66
		<i>For Owner Furnished Material, Deduct</i>	-158.41	
12 59 16 00-0038	EA	Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	169.77	19.56
		<i>For Owner Furnished Material, Deduct</i>	-120.85	
12 59 16 00-0039	EA	Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	191.93	22.08
		<i>For Owner Furnished Material, Deduct</i>	-136.63	
12 59 16 00-0040	EA	Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	214.98	24.82
		<i>For Owner Furnished Material, Deduct</i>	-153.04	
12 59 16 00-0041	EA	Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	252.68	29.09
		<i>For Owner Furnished Material, Deduct</i>	-179.87	
12 59 16 00-0042	EA	Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	163.58	18.86
		<i>For Owner Furnished Material, Deduct</i>	-116.44	
12 59 16 00-0043	EA	Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	163.58	18.86
		<i>For Owner Furnished Material, Deduct</i>	-116.44	
12 59 16 00-0044	EA	Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	201.26	23.20
		<i>For Owner Furnished Material, Deduct</i>	-143.27	
12 59 16 00-0045	EA	Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	201.26	23.20
		<i>For Owner Furnished Material, Deduct</i>	-143.27	
12 59 16 00-0046	EA	Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	251.81	29.02
		<i>For Owner Furnished Material, Deduct</i>	-179.24	
12 59 16 00-0047	EA	Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	251.81	29.02
		<i>For Owner Furnished Material, Deduct</i>	-179.24	
12 59 16 00-0048	EA	Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	301.42	34.70
		<i>For Owner Furnished Material, Deduct</i>	-214.58	
12 59 16 00-0049	EA	Series 1 Panel Hardware Panel Connector - 34" Herman Miller, AO215.34	9.13	1.05
		<i>For Owner Furnished Material, Deduct</i>	-6.50	
12 59 16 00-0050	EA	Series 1 Panel Hardware Panel Connector - 42" Herman Miller, AO215.42	9.13	1.05
		<i>For Owner Furnished Material, Deduct</i>	-6.50	
12 59 16 00-0051	EA	Series 1 Panel Hardware Panel Connector - 62" Herman Miller, AO215.62	9.74	1.12
		<i>For Owner Furnished Material, Deduct</i>	-6.93	
12 59 16 00-0052	EA	Series 1 Panel Hardware 34" Two-Way 90 Herman Miller, AO220.34-LN	41.99	4.84
		<i>For Owner Furnished Material, Deduct</i>	-29.89	
12 59 16 00-0053	EA	Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	48.67	5.61
		<i>For Owner Furnished Material, Deduct</i>	-34.65	
12 59 16 00-0054	EA	Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	55.98	6.45
		<i>For Owner Furnished Material, Deduct</i>	-39.85	
12 59 16 00-0055	EA	Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	65.10	7.50
		<i>For Owner Furnished Material, Deduct</i>	-46.34	
12 59 16 00-0056	EA	Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	75.45	8.70
		<i>For Owner Furnished Material, Deduct</i>	-53.71	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
12 59 16 00-0057	EA	Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN <i>For Owner Furnished Material, Deduct</i>	87.62	-62.37	10.09
12 59 16 00-0058	EA	Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN <i>For Owner Furnished Material, Deduct</i>	82.14	-58.47	9.46
12 59 16 00-0059	EA	Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN <i>For Owner Furnished Material, Deduct</i>	96.14	-68.43	11.07
12 59 16 00-0060	EA	Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN <i>For Owner Furnished Material, Deduct</i>	115.60	-82.29	13.32
12 59 16 00-0061	EA	Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN <i>For Owner Furnished Material, Deduct</i>	13.99	-9.96	1.61
12 59 16 00-0062	EA	Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN <i>For Owner Furnished Material, Deduct</i>	15.81	-11.26	1.83
12 59 16 00-0063	EA	Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN <i>For Owner Furnished Material, Deduct</i>	17.04	-12.13	1.97
12 59 16 00-0064	EA	Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN <i>For Owner Furnished Material, Deduct</i>	15.43	-10.99	1.83
12 59 16 00-0065	EA	Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT <i>For Owner Furnished Material, Deduct</i>	7.95	-5.66	0.91
12 59 16 00-0066	EA	Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT <i>For Owner Furnished Material, Deduct</i>	8.38	-5.96	0.98
12 59 16 00-0067	EA	Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT <i>For Owner Furnished Material, Deduct</i>	9.71	-6.91	1.12
12 59 16 00-0068	EA	Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT <i>For Owner Furnished Material, Deduct</i>	7.95	-5.66	0.91
12 59 16 00-0069	EA	Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT <i>For Owner Furnished Material, Deduct</i>	16.32	-11.62	1.90
12 59 16 00-0070	EA	Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT <i>For Owner Furnished Material, Deduct</i>	18.53	-13.19	2.11
12 59 16 00-0071	EA	Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT <i>For Owner Furnished Material, Deduct</i>	18.97	-13.50	2.18
12 59 16 00-0072	EA	Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT <i>For Owner Furnished Material, Deduct</i>	21.17	-15.07	2.46
12 59 16 00-0073	EA	Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT <i>For Owner Furnished Material, Deduct</i>	23.81	-16.95	2.74
12 59 16 00-0074	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT <i>For Owner Furnished Material, Deduct</i>	128.10	-91.19	14.72
12 59 16 00-0075	EA	Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT <i>For Owner Furnished Material, Deduct</i>	128.10	-91.19	14.72
12 59 16 00-0076	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT <i>For Owner Furnished Material, Deduct</i>	157.81	-112.34	18.16
12 59 16 00-0077	EA	Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT <i>For Owner Furnished Material, Deduct</i>	157.81	-112.34	18.16
12 59 16 00-0078	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT <i>For Owner Furnished Material, Deduct</i>	148.95	-106.03	17.17
12 59 16 00-0079	EA	Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT <i>For Owner Furnished Material, Deduct</i>	148.95	-106.03	17.17
12 59 16 00-0080	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT <i>For Owner Furnished Material, Deduct</i>	186.20	-132.54	21.45
12 59 16 00-0081	EA	Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT <i>For Owner Furnished Material, Deduct</i>	186.20	-132.54	21.45
12 59 16 00-0082	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT <i>For Owner Furnished Material, Deduct</i>	187.96	-133.80	21.66
12 59 16 00-0083	EA	Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT <i>For Owner Furnished Material, Deduct</i>	187.96	-133.80	21.66
12 59 16 00-0084	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT <i>For Owner Furnished Material, Deduct</i>	236.72	-168.51	27.33
12 59 16 00-0085	EA	Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT <i>For Owner Furnished Material, Deduct</i>	236.72	-168.51	27.33
12 59 16 00-0086	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT <i>For Owner Furnished Material, Deduct</i>	228.29	-162.51	26.28
12 59 16 00-0087	EA	Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT <i>For Owner Furnished Material, Deduct</i>	228.29	-162.51	26.28
12 59 16 00-0088	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT <i>For Owner Furnished Material, Deduct</i>	286.79	-204.16	33.01
12 59 16 00-0089	EA	Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT <i>For Owner Furnished Material, Deduct</i>	286.79	-204.16	33.01
12 59 16 00-0090	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT <i>For Owner Furnished Material, Deduct</i>	442.92	-315.28	51.03
12 59 16 00-0091	EA	Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT <i>For Owner Furnished Material, Deduct</i>	509.46	-362.69	58.74
12 59 16 00-0092	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT <i>For Owner Furnished Material, Deduct</i>	483.88	-344.47	55.72
12 59 16 00-0093	EA	Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT <i>For Owner Furnished Material, Deduct</i>	556.76	-396.28	64.21
12 59 16 00-0094	EA	Counter Cap 24" Herman Miller, AO450.1424-M8-DT <i>For Owner Furnished Material, Deduct</i>	61.17	-43.55	7.08
12 59 16 00-0095	EA	Counter Cap 24" Herman Miller, AO450.1424-OL-DT <i>For Owner Furnished Material, Deduct</i>	61.17	-43.55	7.08
12 59 16 00-0096	EA	Counter Cap 36" Herman Miller, AO450.1436-M8-DT <i>For Owner Furnished Material, Deduct</i>	69.59	-49.54	7.99
12 59 16 00-0097	EA	Counter Cap 36" Herman Miller, AO450.1436-OL-DT <i>For Owner Furnished Material, Deduct</i>	69.59	-49.54	7.99
12 59 16 00-0098	EA	Counter Cap 48" Herman Miller, AO450.1448-M8-DT <i>For Owner Furnished Material, Deduct</i>	78.02	-55.54	8.97
12 59 16 00-0099	EA	Counter Cap 48" Herman Miller, AO450.1448-OL-DT <i>For Owner Furnished Material, Deduct</i>	78.02	-55.54	8.97
12 59 16 00-0100	EA	Counter Cap 60" Herman Miller, AO450.1460-M8-DT <i>For Owner Furnished Material, Deduct</i>	97.07	-69.10	11.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0101	EA		Counter Cap 60" Herman Miller, AO450.1460-OL-DT <i>For Owner Furnished Material, Deduct</i>	97.07 -69.10	11.21
12 59 16 00-0102	EA		Counter Cap 72" Herman Miller, AO450.1472-M8-DT <i>For Owner Furnished Material, Deduct</i>	116.58 -82.99	13.46
12 59 16 00-0103	EA		Counter Cap 72" Herman Miller, AO450.1472-OL-DT <i>For Owner Furnished Material, Deduct</i>	116.58 -82.99	13.46
12 59 16 00-0104	EA		Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT <i>For Owner Furnished Material, Deduct</i>	203.92 -145.16	23.48
12 59 16 00-0105	EA		Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT <i>For Owner Furnished Material, Deduct</i>	203.92 -145.16	23.48
12 59 16 00-0106	EA		Pencil Drawer Herman Miller, AO480.DT <i>For Owner Furnished Material, Deduct</i>	17.49 -12.92	1.83
12 59 16 00-0107	EA		Shelf 24" Herman Miller, AO520.1324-LN <i>For Owner Furnished Material, Deduct</i>	59.56 -42.40	6.87
12 59 16 00-0108	EA		Shelf 36" Herman Miller, AO520.1336-LN <i>For Owner Furnished Material, Deduct</i>	64.85 -46.16	7.43
12 59 16 00-0109	EA		Shelf 48" Herman Miller, AO520.1348-LN <i>For Owner Furnished Material, Deduct</i>	69.26 -49.30	7.99
12 59 16 00-0110	EA		Flipper Door 24" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	102.77 -73.16	11.85
12 59 16 00-0111	EA		Flipper Door 36" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	119.98 -85.41	13.88
12 59 16 00-0112	EA		Flipper Door 48" (Keyed Between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860 <i>For Owner Furnished Material, Deduct</i>	137.62 -97.97	15.84
12 59 16 00-0113	EA		Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU <i>For Owner Furnished Material, Deduct</i>	160.58 -114.31	18.51
12 59 16 00-0114	EA		Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790 <i>For Owner Furnished Material, Deduct</i>	25.13 -17.89	2.94
12 59 16 00-0115	EA		Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24 <i>For Owner Furnished Material, Deduct</i>	288.59 -205.42	33.22
12 59 16 00-0116	EA		Drawer Pedestal Loop Pull Stationary 24D Box /Box/File Herman Miller, PEDDIBBF24 <i>For Owner Furnished Material, Deduct</i>	299.01 -212.85	34.49
12 59 16 00-0117	EA		Stationary Divider Herman Miller, G5911.19 <i>For Owner Furnished Material, Deduct</i>	65.30 -46.48	7.50
12 59 16 00-0118	EA		Utility Tray, Herman Miller, G5912 <i>For Owner Furnished Material, Deduct</i>	8.38 -5.96	0.98
12 59 16 00-0119	EA		File Converter Herman Miller, G5913 <i>For Owner Furnished Material, Deduct</i>	14.11 -10.05	1.61
12 59 16 00-0120	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT <i>For Owner Furnished Material, Deduct</i>	202.87 -144.42	23.41
12 59 16 00-0121	EA		Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT <i>For Owner Furnished Material, Deduct</i>	202.87 -144.42	23.41
12 59 16 00-0122	EA		Task Light Herman Miller, G6130.24M-LN <i>For Owner Furnished Material, Deduct</i>	70.57 -50.24	8.14
12 59 16 00-0123	EA		48" Round With Steel X Base Herman Miller <i>For Owner Furnished Material, Deduct</i>	545.89 -388.58	62.95
12 59 16 00-0124	EA		Double Sided Name Plate Herman Miller, MISCPAO375OBKO <i>For Owner Furnished Material, Deduct</i>	27.80 -19.79	3.22
12 59 16 00-0125	EA		Single Sided Name Plate Herman Miller, MISCPAO376OBKO <i>For Owner Furnished Material, Deduct</i>	12.15 -8.65	1.40
12 59 16 00-0126 Disassemble And Store (12 59 16 00-0032)					
12 59 16 00-0127	EA		Disassemble And Store Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	24.08	
12 59 16 00-0128	EA		Disassemble And Store Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	26.77	
12 59 16 00-0129	EA		Disassemble And Store Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	28.63	
12 59 16 00-0130	EA		Disassemble And Store Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	32.08	
12 59 16 00-0131	EA		Disassemble And Store Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	24.47	
12 59 16 00-0132	EA		Disassemble And Store Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	27.67	
12 59 16 00-0133	EA		Disassemble And Store Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	30.99	
12 59 16 00-0134	EA		Disassemble And Store Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	36.42	
12 59 16 00-0135	EA		Disassemble And Store Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	23.57	
12 59 16 00-0136	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	23.57	
12 59 16 00-0137	EA		Disassemble And Store Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	29.01	
12 59 16 00-0138	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	29.01	
12 59 16 00-0139	EA		Disassemble And Store Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	36.29	
12 59 16 00-0140	EA		Disassemble And Store Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	36.29	
12 59 16 00-0141	EA		Disassemble And Store Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	43.46	
12 59 16 00-0142	EA		Disassemble And Store Panel Hardware Panel Connector - 34" Series 1. Herman Miller, AO215.34	1.31	
12 59 16 00-0143	EA		Disassemble And Store Panel Hardware Panel Connector - 42" Series 1. Herman Miller, AO215.42	1.31	
12 59 16 00-0144	EA		Disassemble And Store Panel Hardware Panel Connector - 62" Series 1. Herman Miller, AO215.62	1.40	
12 59 16 00-0145	EA		Disassemble And Store Panel Hardware 34" Two-Way 90 Series 1. Herman Miller, AO220.34-LN	6.05	
12 59 16 00-0146	EA		Disassemble And Store Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	7.01	
12 59 16 00-0147	EA		Disassemble And Store Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	8.07	
12 59 16 00-0148	EA		Disassemble And Store Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN	9.39	
12 59 16 00-0149	EA		Disassemble And Store Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN	10.87	
12 59 16 00-0150	EA		Disassemble And Store Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN	12.63	
12 59 16 00-0151	EA		Disassemble And Store Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN	11.84	
12 59 16 00-0152	EA		Disassemble And Store Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN	13.85	
12 59 16 00-0153	EA		Disassemble And Store Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN	16.66	
12 59 16 00-0154	EA		Disassemble And Store Panel Hardware Panel End Cap - 34" Series 1, Herman Miller, AO250.34-LN	2.02	
12 59 16 00-0155	EA		Disassemble And Store Panel Hardware Panel End Cap - 42" Herman Miller, AO250.42-LN	2.28	
12 59 16 00-0156	EA		Disassemble And Store Panel Hardware Panel End Cap - 62" Herman Miller, AO250.62-LN	2.46	
12 59 16 00-0157	EA		Disassemble And Store Panel Hardware Variable Height Filler Herman Miller, AO259.LN	2.23	
12 59 16 00-0158	EA		Disassemble And Store Series 1 Cable Management Two-Way Trim Cover. Herman Miller, AO362.2-DT	1.14	
12 59 16 00-0159	EA		Disassemble And Store Series 1 Cable Management Three-Way Trim Cover. Herman Miller, AO362.3-DT	1.20	
12 59 16 00-0160	EA		Disassemble And Store Series 1 Cable Management Four-Way Trim Cover. Herman Miller, AO362.4-DT	1.39	

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 16 00-0161	EA	Disassemble And Store Series 1 Cable Management End Cap Trim Cover. Herman Miller, AO363-DT	1.14	
12 59 16 00-0162	EA	Disassemble And Store Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT	2.36	
12 59 16 00-0163	EA	Disassemble And Store Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT	2.67	
12 59 16 00-0164	EA	Disassemble And Store Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT	2.74	
12 59 16 00-0165	EA	Disassemble And Store Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT	3.05	
12 59 16 00-0166	EA	Disassemble And Store Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT	3.43	
12 59 16 00-0167	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT	18.47	
12 59 16 00-0168	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT	18.47	
12 59 16 00-0169	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT	22.75	
12 59 16 00-0170	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT	22.75	
12 59 16 00-0171	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT	21.47	
12 59 16 00-0172	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT	21.47	
12 59 16 00-0173	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT	26.83	
12 59 16 00-0174	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT	26.83	
12 59 16 00-0175	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT	27.09	
12 59 16 00-0176	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT	27.09	
12 59 16 00-0177	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT	34.12	
12 59 16 00-0178	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT	34.12	
12 59 16 00-0179	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT	32.90	
12 59 16 00-0180	EA	Disassemble And Store Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT	32.90	
12 59 16 00-0181	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT	41.34	
12 59 16 00-0182	EA	Disassemble And Store Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT	41.34	
12 59 16 00-0183	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT	63.84	
12 59 16 00-0184	EA	Disassemble And Store Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT	73.44	
12 59 16 00-0185	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT	69.76	
12 59 16 00-0186	EA	Disassemble And Store Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT	80.23	
12 59 16 00-0187	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-M8-DT	8.82	
12 59 16 00-0188	EA	Disassemble And Store Counter Cap 24" Herman Miller, AO450.1424-OL-DT	8.82	
12 59 16 00-0189	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-M8-DT	10.03	
12 59 16 00-0190	EA	Disassemble And Store Counter Cap 36" Herman Miller, AO450.1436-OL-DT	10.03	
12 59 16 00-0191	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-M8-DT	11.24	
12 59 16 00-0192	EA	Disassemble And Store Counter Cap 48" Herman Miller, AO450.1448-OL-DT	11.24	
12 59 16 00-0193	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-M8-DT	13.99	
12 59 16 00-0194	EA	Disassemble And Store Counter Cap 60" Herman Miller, AO450.1460-OL-DT	13.99	
12 59 16 00-0195	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-M8-DT	16.80	
12 59 16 00-0196	EA	Disassemble And Store Counter Cap 72" Herman Miller, AO450.1472-OL-DT	16.80	
12 59 16 00-0197	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT	29.39	
12 59 16 00-0198	EA	Disassemble And Store Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT	29.39	
12 59 16 00-0199	EA	Disassemble And Store Pencil Drawer Herman Miller, AO480.DT	2.29	
12 59 16 00-0200	EA	Disassemble And Store Shelf 24" Herman Miller, AO520.1324-LN	8.59	
12 59 16 00-0201	EA	Disassemble And Store Shelf 36" Herman Miller, AO520.1336-LN	9.35	
12 59 16 00-0202	EA	Disassemble And Store Shelf 48" Herman Miller, AO520.1348-LN	9.98	
12 59 16 00-0203	EA	Disassemble And Store Flipper Door 24" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1324-LN-V3860	14.82	
12 59 16 00-0204	EA	Disassemble And Store Flipper Door 36" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1336-LN-V3860	17.29	
12 59 16 00-0205	EA	Disassemble And Store Flipper Door 48" (Keyed Between UM 226 and UM300). Herman Miller, AO550.1348-LN-V3860	19.84	
12 59 16 00-0206	EA	Disassemble And Store Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU	23.15	
12 59 16 00-0207	EA	Disassemble And Store Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790	3.62	
12 59 16 00-0208	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D File/File. Herman Miller, PEDDIFF24	41.60	
12 59 16 00-0209	EA	Disassemble And Store Drawer Pedestal Loop Pull Stationary 24D Box /Box/File. Herman Miller, PEDDIBBF24	43.09	
12 59 16 00-0210	EA	Disassemble And Store Stationary Divider Herman Miller, G5911.19	9.41	
12 59 16 00-0211	EA	Disassemble And Store Utility Tray, Herman Miller, G5912	1.20	
12 59 16 00-0212	EA	Disassemble And Store File Converter Herman Miller, G5913	2.04	
12 59 16 00-0213	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT	29.24	
12 59 16 00-0214	EA	Disassemble And Store Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT	29.24	
12 59 16 00-0215	EA	Disassemble And Store Task Light Herman Miller, G6130.24M-LN	10.17	
12 59 16 00-0216	EA	Disassemble And Store 48" Round With Steel X Base Herman Miller	78.67	
12 59 16 00-0217	EA	Disassemble And Store Double Sided Name Plate Herman Miller, MISCPAO375OBKO	4.00	
12 59 16 00-0218	EA	Disassemble And Store Single Sided Name Plate Herman Miller, MISCPAO376OBKO	1.76	

12 59 16 00-0219 Reconfigure (12 59 16 00-0032)

12 59 16 00-0220	EA	Reconfigure Series 1 Panel Camel 34H 24W Herman Miller, AO120.3424-LN-V3827	28.06	
12 59 16 00-0221	EA	Reconfigure Series 1 Panel Camel 34H 30W Herman Miller, AO120.3430-LN-V3827	31.20	
12 59 16 00-0222	EA	Reconfigure Series 1 Panel Camel 34H 36W Herman Miller, AO120.3436-LN-V3827	33.33	
12 59 16 00-0223	EA	Reconfigure Series 1 Panel Camel 34H 48W Herman Miller, AO120.3448-LN-V3827	37.37	
12 59 16 00-0224	EA	Reconfigure Series 1 Panel Camel 42H 24W Herman Miller, AO120.4224-LN-V3827	28.50	
12 59 16 00-0225	EA	Reconfigure Series 1 Panel Camel 42H 30W Herman Miller, AO120.4230-LN-V3827	32.23	
12 59 16 00-0226	EA	Reconfigure Series 1 Panel Camel 42H 36W Herman Miller, AO120.4236-LN-V3827	36.10	
12 59 16 00-0227	EA	Reconfigure Series 1 Panel Camel 42H 48W Herman Miller, AO120.4248-LN-V3827	42.43	
12 59 16 00-0228	EA	Reconfigure Series 1 Panel Camel 62H 12W Herman Miller, AO130.6212-LN-V3827	27.47	
12 59 16 00-0229	EA	Reconfigure Series 1 Panel Terra Cotta 62H 12W Herman Miller, AO130.6212-LN-V3850	27.47	
12 59 16 00-0230	EA	Reconfigure Series 1 Panel Camel 62H 24W Herman Miller, AO130.6224-LN-V3827	33.80	
12 59 16 00-0231	EA	Reconfigure Series 1 Panel Terra Cotta 62H 24W Herman Miller, AO130.6224-LN-V3850	33.80	
12 59 16 00-0232	EA	Reconfigure Series 1 Panel Camel 62H 36W Herman Miller, AO130.6236-LN-V3827	42.28	
12 59 16 00-0233	EA	Reconfigure Series 1 Panel Terra Cotta 62H 36W Herman Miller, AO130.6236-LN-V3850	42.28	
12 59 16 00-0234	EA	Reconfigure Series 1 Panel Camel 62H 48W Herman Miller, AO130.6248-LN-V3827	50.61	
12 59 16 00-0235	EA	Reconfigure Series 1 Panel Hardware Panel Connector-34" Herman Miller, AO215.34	1.54	
12 59 16 00-0236	EA	Reconfigure Series 1 Panel Hardware Panel Connector-42" Herman Miller, AO215.42	1.54	
12 59 16 00-0237	EA	Reconfigure Series 1 Panel Hardware Panel Connector-62" Herman Miller, AO215.62	1.63	
12 59 16 00-0238	EA	Reconfigure Series 1 Panel Hardware 34" Two-Way 90, Herman Miller, AO220.34-LN	7.04	
12 59 16 00-0239	EA	Reconfigure Series 1 Panel Hardware 42" Two-Way 90 Herman Miller, AO220.42-LN	8.17	
12 59 16 00-0240	EA	Reconfigure Series 1 Panel Hardware 62" Two-Way 90 Herman Miller, AO220.62-LN	9.40	

		Furnishings		12	
		Furniture		12 50	
		Systems Furniture		12 59	
MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

12 59 16 00-0241	EA		Reconfigure Series 1 Panel Hardware 34" Three-Way 90 Herman Miller, AO230.34-LN.....	10.93	
12 59 16 00-0242	EA		Reconfigure Series 1 Panel Hardware 42" Three-Way 90 Herman Miller, AO230.42-LN.....	12.68	
12 59 16 00-0243	EA		Reconfigure Series 1 Panel Hardware 62" Three-Way 90 Herman Miller, AO230.62-LN.....	14.71	
12 59 16 00-0244	EA		Reconfigure Series 1 Panel Hardware 34" Four-Way 90 Herman Miller, AO240.34-LN.....	13.80	
12 59 16 00-0245	EA		Reconfigure Series 1 Panel Hardware 42" Four-Way 90 Herman Miller, AO240.42-LN.....	16.15	
12 59 16 00-0246	EA		Reconfigure Series 1 Panel Hardware 62" Four-Way 90 Herman Miller, AO240.62-LN.....	19.42	
12 59 16 00-0247	EA		Reconfigure Series 1 Panel Hardware Panel End Cap-34" Herman Miller, AO250.34-LN.....	2.35	
12 59 16 00-0248	EA		Reconfigure Series 1 Panel Hardware Panel End Cap-42" Herman Miller, AO250.42-LN.....	2.65	
12 59 16 00-0249	EA		Reconfigure Series 1 Panel Hardware Panel End Cap-62" Herman Miller, AO250.62-LN.....	2.87	
12 59 16 00-0250	EA		Reconfigure Series 1 Panel Hardware Variable Height Filler Herman Miller, AO259.LN.....	2.59	
12 59 16 00-0251	EA		Reconfigure Series 1 Cable Management Two-Way Trim Cover Herman Miller, AO362.2-DT.....	1.33	
12 59 16 00-0252	EA		Reconfigure Series 1 Cable Management Three-Way Trim Cover Herman Miller, AO362.3-DT.....	1.40	
12 59 16 00-0253	EA		Reconfigure Series 1 Cable Management Four-Way Trim Cover Herman Miller, AO362.4-DT.....	1.63	
12 59 16 00-0254	EA		Reconfigure Series 1 Cable Management End Cap Trim Cover Herman Miller, AO363-DT.....	1.33	
12 59 16 00-0255	EA		Reconfigure Series 1 Cable Management Assembly 12" Herman Miller, AO380.12-DT.....	2.75	
12 59 16 00-0256	EA		Reconfigure Series 1 Cable Management Assembly 24" Herman Miller, AO380.24-DT.....	3.11	
12 59 16 00-0257	EA		Reconfigure Series 1 Cable Management Assembly 30" Herman Miller, AO380.30-DT.....	3.19	
12 59 16 00-0258	EA		Reconfigure Series 1 Cable Management Assembly 36" Herman Miller, AO380.36-DT.....	3.55	
12 59 16 00-0259	EA		Reconfigure Series 1 Cable Management Assembly 48" Herman Miller, AO380.48-DT.....	3.99	
12 59 16 00-0260	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-M8-DT.....	21.51	
12 59 16 00-0261	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 36" Herman Miller, AO417.2436-OL-DT.....	21.51	
12 59 16 00-0262	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-M8-DT.....	26.51	
12 59 16 00-0263	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 36" Herman Miller, AO417.3036-OL-DT.....	26.51	
12 59 16 00-0264	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-M8-DT.....	25.01	
12 59 16 00-0265	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 48" Herman Miller, AO417.2448-OL-DT.....	25.01	
12 59 16 00-0266	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-M8-DT.....	31.26	
12 59 16 00-0267	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 48" Herman Miller, AO417.3048-OL-DT.....	31.26	
12 59 16 00-0268	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-M8-DT.....	31.56	
12 59 16 00-0269	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 60" Herman Miller, AO417.2460-OL-DT.....	31.56	
12 59 16 00-0270	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-M8-DT.....	39.75	
12 59 16 00-0271	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 60" Herman Miller, AO417.3060-OL-DT.....	39.75	
12 59 16 00-0272	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-M8-DT.....	38.33	
12 59 16 00-0273	EA		Reconfigure Hanging Work Surface Radiused Edge 24" x 72" Herman Miller, AO417.2472-OL-DT.....	38.33	
12 59 16 00-0274	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-M8-DT.....	48.16	
12 59 16 00-0275	EA		Reconfigure Hanging Work Surface Radiused Edge 30" x 72" Herman Miller, AO417.3072-OL-DT.....	48.16	
12 59 16 00-0276	EA		Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-M8-DT.....	74.36	
12 59 16 00-0277	EA		Reconfigure Table - Radiused Edge 30" x 60" Herman Miller, AO712.3060-OL-DT.....	85.55	
12 59 16 00-0278	EA		Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-M8-DT.....	81.27	
12 59 16 00-0279	EA		Reconfigure Table - Radiused Edge 30" x 72" Herman Miller, AO712.3072-OL-DT.....	93.49	
12 59 16 00-0280	EA		Reconfigure Counter Cap 24" Herman Miller, AO450.1424-M8-DT.....	10.27	
12 59 16 00-0281	EA		Reconfigure Counter Cap 24" Herman Miller, AO450.1424-OL-DT.....	10.27	
12 59 16 00-0282	EA		Reconfigure Counter Cap 36" Herman Miller, AO450.1436-M8-DT.....	11.68	
12 59 16 00-0283	EA		Reconfigure Counter Cap 36" Herman Miller, AO450.1436-OL-DT.....	11.68	
12 59 16 00-0284	EA		Reconfigure Counter Cap 48" Herman Miller, AO450.1448-M8-DT.....	13.10	
12 59 16 00-0285	EA		Reconfigure Counter Cap 48" Herman Miller, AO450.1448-OL-DT.....	13.10	
12 59 16 00-0286	EA		Reconfigure Counter Cap 60" Herman Miller, AO450.1460-M8-DT.....	16.31	
12 59 16 00-0287	EA		Reconfigure Counter Cap 60" Herman Miller, AO450.1460-OL-DT.....	16.31	
12 59 16 00-0288	EA		Reconfigure Counter Cap 72" Herman Miller, AO450.1472-M8-DT.....	19.58	
12 59 16 00-0289	EA		Reconfigure Counter Cap 72" Herman Miller, AO450.1472-OL-DT.....	19.58	
12 59 16 00-0290	EA		Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-M8-DT.....	34.25	
12 59 16 00-0291	EA		Reconfigure Corner Counter Cap (Right Angle) Herman Miller, AO653-OL-DT.....	34.25	
12 59 16 00-0292	EA		Reconfigure Pencil Drawer Herman Miller, AO480.DT.....	2.66	
12 59 16 00-0293	EA		Reconfigure Shelf 24" Herman Miller, AO520.1324-LN.....	10.00	
12 59 16 00-0294	EA		Reconfigure Shelf 36" Herman Miller, AO520.1336-LN.....	10.89	
12 59 16 00-0295	EA		Reconfigure Shelf 48" Herman Miller, AO520.1348-LN.....	11.63	
12 59 16 00-0296	EA		Reconfigure Flipper Door 24" Keyed between UM 226 and UM300) Herman Miller, AO550.1324-LN-V3860.....	17.26	
12 59 16 00-0297	EA		Reconfigure Flipper Door 36" Keyed between UM 226 and UM300) Herman Miller, AO550.1336-LN-V3860.....	20.15	
12 59 16 00-0298	EA		Reconfigure Flipper Door 48" Keyed between UM 226 and UM300) Herman Miller, AO550.1348-LN-V3860.....	23.12	
12 59 16 00-0299	EA		Reconfigure Vinyl Keyboard Tray (Fully Adjustable) Herman Miller, G7715.BU.....	26.97	
12 59 16 00-0300	EA		Reconfigure Palm Rest For Vinyl Keyboard Tray Herman Miller, G7790.....	4.22	
12 59 16 00-0301	EA		Reconfigure Drawer Pedestal Loop Pull Stationary 24D File/File Herman Miller, PEDDIFF24.....	48.47	
12 59 16 00-0302	EA		Reconfigure Drawer Pedestal Loop Pull Stationary 24D Box/Box/File Herman Miller, PEDDIBBF24.....	50.20	
12 59 16 00-0303	EA		Reconfigure Stationary Divider Herman Miller, G5911.19.....	10.96	
12 59 16 00-0304	EA		Reconfigure Utility Tray Herman Miller, G5912.....	1.40	
12 59 16 00-0305	EA		Reconfigure File Converter Herman Miller, G5913.....	2.37	
12 59 16 00-0306	EA		Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-M8-DT.....	34.06	
12 59 16 00-0307	EA		Reconfigure Radiused Edge Corner Work Surface Herman Miller, AO421.2436L-OL-DT.....	34.06	
12 59 16 00-0308	EA		Reconfigure Task Light Herman Miller, G6130.24M-LN.....	11.84	
12 59 16 00-0309	EA		Reconfigure 48" Round With Steel X Base Herman Miller.....	91.66	
12 59 16 00-0310	EA		Reconfigure Double Sided Name Plate Herman Miller, MISCPAO375OBKO.....	4.67	
12 59 16 00-0311	EA		Reconfigure Single Sided Name Plate Herman Miller, MISCPAO376OBKO.....	2.04	

END OF SECTION 12

12 Furnishings

12 50 Furniture

12 59 Systems Furniture

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

13 Special Construction
13 20 Special Purpose Rooms (13)
13 21 Controlled Environment Rooms (13 20)
13 21 26 Cold Storage Rooms (13 21)

See CSI section 11 41 23 00-0000 for refrigerated controlled environment rooms.

13 40 Integrated Construction (13)
13 47 Facility Protection (13 40)
13 47 13 Cathodic Protection (13 47)
13 47 13 13 Cathodic Protection for Underground and Submerged Piping (13 47 13)
13 47 13 13-0001 Anodes (13 47 13 13)
13 47 13 13-0002 Magnesium Type, Conventional (13 47 13 13-0001)

13 47 13 13-0003	EA	9 LB Magnesium Type Anodes.....	275.16	120.23
13 47 13 13-0004	EA	17 LB Magnesium Type Anodes.....	408.28	173.77
13 47 13 13-0005	EA	32 LB Magnesium Type Anode.....	557.52	223.55
13 47 13 13-0006	EA	48 LB Magnesium Type Anode.....	793.89	312.77

13 47 13 13-0007 Graphite Type (13 47 13 13-0001)

Note: Includes epoxy cap.

13 47 13 13-0008	EA	3" x 60" (32 LB) Graphite Type Anodes With Epoxy Cap	422.99	174.48
13 47 13 13-0009	EA	4" x 80" (68 LB) Graphite Type Anodes With Epoxy Cap	658.34	243.64
13 47 13 13-0010	EA	6" x 36" (45 LB) Graphite Type Anodes With Epoxy Cap	494.57	152.48
13 47 13 13-0011	EA	6" x 72" (80 LB) Graphite Type Anodes With Epoxy Cap	757.11	203.56

13 47 13 13-0012 Rectifiers (13 47 13 13)
13 47 13 13-0013 Air Cooled, Silicon Type (13 47 13 13-0012)

13 47 13 13-0014	EA	Air Cooled Rectifiers, 28 Volt, 10 Amp Silicon Type	1,293.68	247.59
13 47 13 13-0015	EA	Air Cooled Rectifiers, 20 Volt / 20 Amp Silicon Type	1,393.33	247.59

13 47 13 13-0016 Oil Immersed, Silicon Type (13 47 13 13-0012)

13 47 13 13-0017	EA	Oil Immersed Rectifiers, 28 Volt, 10 Amp Silicon Type.....	1,924.38	286.28
13 47 13 13-0018	EA	Oil Immersed Rectifiers, 20 Volt / 20 Amp Silicon Type.....	2,031.16	286.28

13 47 13 13-0019 Anode Backfill (13 47 13 13)

13 47 13 13-0020	LB	Anode Backfill, Coke Breeze	0.82	0.31
------------------	----	-----------------------------------	------	------

13 47 13 13-0021 Cathodic Protection Cable (13 47 13 13)

13 47 13 13-0022	MLF	Cathodic Protection Cable, OR2 - No 8	1,588.38	609.89
13 47 13 13-0023	MLF	Cathodic Protection Cable, OR2 - No 6	1,751.74	609.89
13 47 13 13-0024	MLF	Cathodic Protection Cable, OR2 - No 4	1,996.78	609.89
13 47 13 13-0025	MLF	Cathodic Protection Cable, OR2 - No 2	2,405.17	609.89
13 47 13 13-0026	MLF	Cathodic Protection Cable, OR2 - No 1	2,975.14	671.98
13 47 13 13-0027	MLF	Cathodic Protection Cable, OR2-No 1/0	3,281.43	671.98
13 47 13 13-0028	MLF	Cathodic Protection Cable, OR2-No 2/0	3,791.92	671.98
13 47 13 13-0029	MLF	Cathodic Protection Cable, OR2-No 4/0	5,137.61	732.50

13 47 13 13-0030 Cathodic Test Stations (13 47 13 13)
13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box (13 47 13 13-0030)

13 47 13 13-0032	EA	Cathodic Test Station, Flush Curb Type With Lockable Cover	216.83	71.35
------------------	----	--	--------	-------

13 47 13 16 Cathodic Protection for Underground Storage Tank (13 47 13)

See CSI section 13 47 13 13-0000 for cathodic protection for tanks.

13 48 Sound, Vibration, And Seismic Control (13 40)
13 48 63 Fabricated Seismic Control Assemblies (13 48)
13 48 63 00-0001 Seismic Bracing Assembly (13 48 63)

13 48 63 00-0002	EA	4-Bolt Deck Anchor Connection For Seismic Brace.....	103.65	
		Note: Includes drilling into concrete, bolts, anchor plate, seismic bracket attached with bolt, nut and washer.		
13 48 63 00-0003	EA	2 Cable Seismic Brace With Center Threaded Rod Stiffener	103.73	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0004	EA	3 Cable Seismic Brace With Center Threaded Rod Stiffener	155.81	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0005	EA	4 Cable Seismic Brace With Center Threaded Rod Stiffener	201.92	
		Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		

13 Special Construction**13 40 Integrated Construction****13 48 Sound, Vibration, And Seismic Control**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

13 48 63 00-0006	EA	2 Channel Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	199.03	
13 48 63 00-0007	EA	3 Channel Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	295.77	
13 48 63 00-0008	EA	4 Channel Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.	392.50	
13 48 63 00-0009	EA	2 Rod Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	123.44	
13 48 63 00-0010	EA	3 Rod Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	182.38	
13 48 63 00-0011	EA	4 Rod Seismic Brace With Center Threaded Rod Stiffener..... Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.	241.31	

13 48 63 00-0012 Seismic Restraints (13 48 63)

13 48 63 00-0013	EA	1" x 1" Seismic Fastener, Gray, Drilled With 0.187 Diameter Hole..... Note: Adhesive applied.	3.10	0.79
13 48 63 00-0014	EA	1" x 1" Seismic Fastener, Gray, Adhesive Applied.....	2.31	0.39
13 48 63 00-0015	EA	1" x 2" Seismic Fastener, Gray, Drilled With (2) 0.187 Diameter Hole..... Note: Adhesive applied.	4.03	0.99
13 48 63 00-0016	EA	1" x 2" Seismic Fastener, Gray, Adhesive Applied.....	2.95	0.49
13 48 63 00-0017	EA	2" x 2" Seismic Fastener, Gray, Adhesive Applied.....	3.72	0.57
13 48 63 00-0018	EA	2" x 3" Seismic Fastener, Gray, Adhesive Applied.....	6.12	0.69
13 48 63 00-0019	LF	3/4" Wide Seismic Strap, Gray.....	2.73	0.59
13 48 63 00-0020	LF	1" Wide Seismic Strap, Gray.....	3.89	0.59
13 48 63 00-0021	EA	3/4" Wide x 4" Long Seismic Strap, Gray.....	1.36	0.39
13 48 63 00-0022	EA	3/4" Wide x 12" Long Seismic Strap, Gray.....	5.90	1.19
13 48 63 00-0023	LF	Seismic Chord, Black.....	1.74	0.59
13 48 63 00-0024	LF	SAFELOK Seismic Fastener, Black.....	2.23	0.59

13 48 63 00-0025 Seismic Brace Components (13 48 63)

13 48 63 00-0026	EA	1/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-1..... Note: To be used with 7x19 stranded cable.	19.93	
13 48 63 00-0027	EA	3/16" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-2..... Note: To be used with 7x19 stranded cable.	26.51	
13 48 63 00-0028	EA	1/4" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-3..... Note: To be used with 7x19 stranded cable.	34.42	
13 48 63 00-0029	EA	3/8" Cable Diameter Seismic Cable Brace Swivel Anchor; Mason SCB-4..... Note: To be used with 7x19 stranded cable.	46.26	
13 48 63 00-0030	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-1..... Note: To be used with angle or channel.	18.85	
13 48 63 00-0031	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-2..... Note: To be used with angle or channel.	24.65	
13 48 63 00-0032	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-3..... Note: To be used with angle or channel.	31.69	
13 48 63 00-0033	EA	Seismic Solid Brace Swivel Anchor; Mason SSB-4..... Note: To be used with angle or channel.	42.04	
13 48 63 00-0034	EA	1/8" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-1..... Note: To be used with 7x19 stranded cable.	22.37	
13 48 63 00-0035	EA	3/16" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-2..... Note: To be used with 7x19 stranded cable.	28.79	
13 48 63 00-0036	EA	1/4" Cable Diameter Seismic Cable Brace Hook Anchor; Mason SCBH-3..... Note: To be used with 7x19 stranded cable.	39.14	
13 48 63 00-0037	EA	1/8" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-1..... Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	37.48	
13 48 63 00-0038	EA	3/16" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-2..... Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	51.77	
13 48 63 00-0039	EA	1/4" Cable Diameter Seismic Cable Brace Vise Anchor; Mason SCBV-3..... Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.	69.78	
13 48 63 00-0040	EA	Seismic Rod Clamp; Mason SRC-1..... Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.	16.28	
13 48 63 00-0041	EA	Seismic Rod Clamp; Mason SRC-1 1/2..... Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.	19.59	
13 48 63 00-0042	EA	Seismic Rod Clamp; Mason SRC-2..... Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.	24.15	

13 49 Radiation Protection (13 49)**13 49 13 Integrated X-Ray Shielding Assemblies** (13 49)**13 49 13 00-0001 Lead Shielding** (13 49 13)

See CSI section 09 29 00 00-0054 for finishing tasks.

13 49 13 00-0002	SF	1/16" Sheet Lead Shielding.....	16.67	4.75
13 49 13 00-0003	SF	1/8" Sheet Lead Shielding.....	24.64	5.14
13 49 13 00-0004	SF	1/4" Sheet Lead Shielding.....	39.30	5.54
13 49 13 00-0005	SF	1/2" Sheet Lead Shielding.....	70.69	7.12

13 49 16 Modular X-Ray Shielding Rooms (13 49)**13 49 16 00-0001 X-Ray Barriers, Modular** (13 49 16)

Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.

13 49 16 00-0002 1-Section Barrier, 36"W x 84"H (13 49 16 00-0001)

13 49 16 00-0003	EA	0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	2,511.56	103.87
------------------	----	---	----------	--------

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
13 49 16 00-0004	EA	0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	2,659.24		103.87
13 49 16 00-0005	EA	1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	2,759.85		124.64
13 49 16 00-0006	EA	1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	2,937.07		124.64
13 49 16 00-0007		2-Section Barrier, 72"W x 84"H <small>(13 49 16 00-0001)</small>			
13 49 16 00-0008	EA	0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	5,324.00		166.18
13 49 16 00-0009	EA	0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	5,530.75		166.18
13 49 16 00-0010	EA	1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	5,720.02		186.95
13 49 16 00-0011	EA	1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	6,175.02		207.73
13 49 16 00-0012		3-Section Barrier, 108"W x 84"H <small>(13 49 16 00-0001)</small>			
13 49 16 00-0013	EA	0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	8,035.81		207.73
13 49 16 00-0014	EA	0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	8,419.78		207.73
13 49 16 00-0015	EA	1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	8,650.56		249.27
13 49 16 00-0016	EA	1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	9,282.76		270.05
13 49 16 00-0017		X-Ray Barriers, Mobile <small>(13 49 16)</small>			
		Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.			
13 49 16 00-0018		30"W x 75"H, Includes Framework <small>(13 49 16 00-0017)</small>			
13 49 16 00-0019	EA	24"H Upper With 0.5mm LE, 48"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	1,664.06		19.78
13 49 16 00-0020		48"W x 75"H, Includes Framework <small>(13 49 16 00-0017)</small>			
13 49 16 00-0021	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	2,934.11		19.78
13 49 16 00-0022	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	3,524.84		19.78
13 49 16 00-0023		72"W x 75"H, Includes Framework <small>(13 49 16 00-0017)</small>			
13 49 16 00-0024	EA	36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	3,465.77		19.78
13 49 16 00-0025	EA	36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	4,381.39		19.78
13 49 19		Lead-Lined Materials <small>(13 49)</small>			
13 49 19 16		Lead-Lined Drywall <small>(13 49 19)</small>			
13 49 19 16-0001		Lead Lined Drywall <small>(13 49 19 16)</small>			
		See CSI section 09 29 00 00-0054 for finishing tasks.			
13 49 19 16-0002	SF	1/32" Lead Lined 5/8" Fire Rated Drywall.....	8.06		1.04
13 49 19 16-0003	SF	1/16" Lead Lined 5/8" Fire Rated Drywall.....	12.61		1.24
13 49 19 16-0004	SF	1/8" Lead Lined 5/8" Fire Rated Drywall.....	21.35		1.50

END OF SECTION 13

13 Special Construction

13 40 Integrated Construction

13 49 Radiation Protection



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	---------------------------	-------------------------

14 Conveying Equipment

14 01 Operation And Maintenance Of Conveying Equipment⁽¹⁴⁾

14 01 20 Operation And Maintenance Of Elevators^(14 01)

14 01 20 00-0001 Elevator Maintenance^(14 01 20)

14 01 20 00-0002	HR	Elevator Servicing, Labor Only	125.00
		Note: Minimum 8 Hour	
14 01 20 00-0003	EA	Regular Elevator Inspection, Electric Up To 10 Floors (Sufficient For Issue Of Certificate/Permit)	818.92
14 01 20 00-0004	EA	Regular Elevator Inspection, Electric Over 10 Floors (Sufficient For Issue Of Certificate/Permit)	1,023.65
14 01 20 00-0005	EA	Regular Elevator Inspection, Hydraulic (Sufficient For Issue Of Certificate/Permit)	614.20
14 01 20 00-0006	EA	Regular Elevator Inspection, Roped Hydraulic (Sufficient For Issue Of Certificate/Permit)	665.38
14 01 20 00-0007	EA	Regular Elevator Inspection, Dumbwaiters/Cart Lifts (Sufficient For Issue Of Certificate/Permit)	179.14
14 01 20 00-0008	EA	Full Load Test For Traction And Winding Drum Elevator Up To 10 Floors	718.17
14 01 20 00-0009	EA	Full Load Test For Traction And Winding Drum Elevator Over 10 Floors	820.53
14 01 20 00-0010	EA	Full Load Test For Hydraulic Elevator	513.43
14 01 20 00-0011	EA	Full Load Test For Roped Hydraulic Elevator	641.39
14 01 20 00-0012	EA	Full Load Test For Dumbwaiters/Cart Lifts	590.21
14 01 20 00-0013	EA	Acceptance Test Of Traction And Winding Drum Elevator Up To 10 Floors	3,070.97
14 01 20 00-0014	EA	Acceptance Test Of Traction And Winding Drum Elevator Over 10 Floors	3,378.06
14 01 20 00-0015	EA	Acceptance Test Of Hydraulic Elevator	2,917.41
14 01 20 00-0016	EA	Acceptance Test Of Roped Hydraulic Elevator	3,019.78
14 01 20 00-0017	EA	Acceptance Test Of Dumbwaiters/Cart Lifts	1,791.39

14 01 20 00-0018 Elevator Modernization^(14 01 20)

14 01 20 00-0019	EA	4" Piston (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	22,267.07	
		Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.		
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	3,155.00	
		Note: Deduct if <3 stops.		
14 01 20 00-0020	EA	6" Piston (Hydraulic) Unit Up To 3 Stories (2,500 LB x 100 FPM)	27,524.90	
		Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.		
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	3,155.00	
		Note: Deduct if <3 stops.		
14 01 20 00-0021	EA	8" Piston (Hydraulic) Unit Up To 3 Stories (3,000 LB x 100 FPM)	41,804.55	
		Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.		
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	3,155.00	
		Note: Deduct if <3 stops.		
14 01 20 00-0022	EA	10" Piston (Hydraulic) Unit Up To 3 Stories (4,000 LB x 100 FPM)	57,074.13	
		Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.		
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	3,155.00	
		Note: Deduct if <3 stops.		
14 01 20 00-0023	EA	12" Piston (Hydraulic) Unit Up To 3 Stories (6,000 LB x 100 FPM)	67,765.29	
		Note: Includes replacing existing piston, hydraulic pump, motor supply lines, hydraulic valves and ports.		
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	3,155.00	
		Note: Deduct if <3 stops.		
14 01 20 00-0024	EA	Replace Multi-Port Controller Valve System	10,155.86	
14 01 20 00-0025	SET	Car Roller Guide Assembly, Set Of Four	4,296.34	810.72
14 01 20 00-0026	EA	New Door Opening, Excluding Buildback	7,403.18	
14 01 20 00-0027	SF	Cab Flooring, Epoxy Aggregate Flooring	19.80	7.43
14 01 20 00-0028	SF	Cab Flooring, Aluminum Diamond Plate	43.41	10.81
14 01 20 00-0029	EA	Car Stop Electronic Leveling Device (Per Car)	4,292.42	540.47
14 01 20 00-0030	EA	Electronic Leveling Device At Stop (Per Stop)	964.78	202.67
14 01 20 00-0031	EA	Hoistway Door Hangers Set	869.90	202.67
14 01 20 00-0032	EA	Hoistway Door Closer Set	405.39	108.09
14 01 20 00-0033	EA	Hoistway Door Interlock Set	633.42	168.90
14 01 20 00-0034	EA	Fire Service Switch Controller	1,913.01	202.67
14 01 20 00-0035	EA	Telephone Dialers For Elevator Viking Electronics #K-1500-4	590.45	135.12
14 01 20 00-0036	EA	Car Door Operators With ADA Buzzer	7,122.25	270.24
14 01 20 00-0037	EA	Car Door Safety Edges (Infrared Proximity Type Edge)	5,160.66	270.24
14 01 20 00-0038	EA	Car Operating Panel (ADA, Fire, Position, Chime)	12,519.95	
14 01 20 00-0039	EA	Car Position LED Indicator And Cover Plate, Stainless Steel	526.89	94.58
14 01 20 00-0040	EA	Car Traveling Lanterns With Audible Signal	3,540.97	405.36
14 01 20 00-0041	EA	Hoistway Door Jam Floor Tags (Braille)	139.88	
14 01 20 00-0042	EA	Lobby Vandal Resistant Call Station	753.76	135.12
14 01 20 00-0043	EA	Car Voice Synthesized Floor Announcement Module	3,503.05	
14 01 20 00-0044	LF	Traveling Cable (140 Conductors, #16 AWG Type ETT)	20.54	10.13
14 01 20 00-0045	LF	Governor Cable	8.89	4.73
14 01 20 00-0046	EA	Cab Walls Coverings (3,500 LB, Rigid Stainless Steel)	10,990.42	1,080.95
14 01 20 00-0047	EA	Remove And Replace Governor	5,621.22	
14 01 20 00-0048	EA	Remove And Replace Car Station	7,998.93	
14 01 20 00-0049	EA	Remove And Replace Telephone	3,447.78	
14 01 20 00-0050	EA	Remove And Replace Lanterns	2,679.15	

14 Conveying Equipment
14 01 Operation And Maintenance Of Conveying Equipment
14 01 20 Operation And Maintenance Of Elevators



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

14 01 20 00-0051	EA	Hall Call Buttons, Vandal Resistant	559.52	168.90
14 01 20 00-0052	EA	Hall Traveling Lanterns With Audible Signal	990.26	236.46
14 01 20 00-0053	EA	Add Raised Character (Braille) Signage To Control Panel	309.30	
14 01 20 00-0054	EA	Reprogram Existing Controller, Signal Fixtures	19,569.87	
14 01 20 00-0055	EA	New Walls And Platform, Plastic Laminate, For 5' x 7' Cab	7,390.74	675.59
14 01 20 00-0056	EA	New Walls And Platform, Plastic Laminate With Shell, For 5' x 7' Cab	10,406.04	810.72
14 01 20 00-0057	EA	Replace Elevator Or Hoistway Doors, Baked Enamel	9,281.46	945.83
14 01 20 00-0058	EA	Reopening Device, Manual	3,826.03	472.92
14 01 20 00-0059	EA	Reopening Device, Automatic	17,973.78	472.92
14 01 20 00-0060	EA	Elevator Pit Ladder	1,556.06	540.47
14 01 20 00-0061	EA	New Walls And Platform, Partial Cab Plastic Laminate, For 5' x 7' Cab	9,996.97	675.59
14 01 20 00-0062	LF	Replace Lifting Cable, 3/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5	17.84	10.13
14 01 20 00-0063	LF	Replace Lifting Cable, 1/2" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 8.0, EHS Traction Steel - 9.7	19.62	10.13
14 01 20 00-0064	LF	Replace Lifting Cable, 5/8" - Liftpack; Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4	21.83	10.13
14 01 20 00-0065	EA	Hydraulic Leak Detector And Alarm In Elevator Pit (Sensorcomm Inc)	3,940.66	135.12
14 01 20 00-0066	LF	6" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	235.71	22.57
14 01 20 00-0067	LF	8" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	132.97	50.77
14 01 20 00-0068	LF	10" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	142.27	50.90
14 01 20 00-0069	LF	12" Wide Elevator Door Jamb Wrapped With 0.030" Stainless Steel	67.56	50.94
14 01 20 00-0070	EA	"RopeGripper" With Pumping Unit For Use On 4-7/8" Maximum Out To Out Of Cable	5,129.37	810.72
14 01 20 00-0071	EA	"RopeGripper" With Pumping Unit For Use On 6" Maximum Out To Out Of Cable	6,764.07	945.83
14 01 20 00-0072	EA	"RopeGripper" With Pumping Unit For Use On 10" Maximum Out To Out Of Cable	8,907.81	1,080.95
14 01 20 00-0073	EA	"RopeGripper" With Pumping Unit For Use On 11-1/2" Maximum Out To Out Of Cable	9,942.74	1,148.51
14 01 20 00-0074	EA	60 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	2,809.12	135.12
14 01 20 00-0075	EA	100 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	3,223.64	162.14
14 01 20 00-0076	EA	200 Amp Bussmann Power Module Switch, 480 - 120 Volt CPT, Firesafety Interface Relay, Mechanical Interlock	4,278.74	189.17
14 01 20 00-0077	EA	Aluminum Handrail Spacers With Set Screw	23.48	5.12
14 01 20 00-0078	EA	Bronze Handrail Spacers With Set Screw	37.83	5.12
14 01 20 00-0079	LF	1/2" x 2" Obround Stainless Steel Elevator Handrail	49.64	3.83
14 01 20 00-0080	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	68.41	3.83
14 01 20 00-0081	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish	92.10	4.10
14 01 20 00-0082	LF	3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	107.06	3.83
14 01 20 00-0083	LF	3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish	129.64	4.10
14 01 20 00-0084	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Brushed Finish	83.87	3.83
14 01 20 00-0085	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Brushed Finish	107.56	4.10
14 01 20 00-0086	LF	3/8" x 2" Flat Bar Bronze Elevator Handrail, Mirror Finish	114.79	3.83
14 01 20 00-0087	LF	3/8" x 3" Flat Bar Bronze Elevator Handrail, Mirror Finish	138.48	4.10
14 01 20 00-0088	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	72.44	3.83
14 01 20 00-0089	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	79.01	3.83
14 01 20 00-0090	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	105.79	4.10
14 01 20 00-0091	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish	118.93	4.10
14 01 20 00-0092	LF	3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	110.92	3.83
14 01 20 00-0093	LF	3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	118.43	3.83
14 01 20 00-0094	LF	3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	137.70	4.10
14 01 20 00-0095	LF	3/8" x 3" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish	150.84	4.10
14 01 20 00-0096	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	83.87	3.83
14 01 20 00-0097	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	91.60	3.83
14 01 20 00-0098	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	123.02	4.10
14 01 20 00-0099	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Brushed Finish	138.48	4.10
14 01 20 00-0100	LF	3/8" x 1-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	129.14	3.83
14 01 20 00-0101	LF	3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	137.98	3.83
14 01 20 00-0102	LF	3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	160.56	4.10
14 01 20 00-0103	LF	3/8" x 3" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	176.02	4.10

14 01 30 Operation And Maintenance Of Escalators And Moving Walks

14 01 30 00-0001 Maintenance

14 01 30 00-0002	EA	Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit)	614.20
14 01 30 00-0003	HR	Escalator Servicing, Labor Only	102.37
14 01 30 00-0004	EA	Acceptance Test Of Escalators And Moving Walks	3,378.06

14 01 30 00-0005 Modernization

14 01 30 00-0006	EA	Replace 28" Wide Escalator Stair Tread	1,796.96
14 01 30 00-0007	EA	Replace 36" Wide Escalator Stair Tread	1,940.47
14 01 30 00-0008	EA	Replace 48" Wide Escalator Stair Tread	2,050.07
14 01 30 00-0009	EA	Replace 54" Wide Escalator Stair Tread	2,219.11
14 01 30 00-0010	LF	Replace Sliding Handrail	163.95

14 20 Elevators

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators

14 21 13 Electric Traction Freight Elevators

14 21 13 00-0001 Selective-Collective Freight Elevators AC Rheostatic

Note: Painted metal shaft doors and steel painted cab. Unit prices are based on shaft of 8 stops and 8 openings with power doors.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 13 00-0002 EA Collective Freight Elevator, 4,000 LB x 100 FPM	244,425.27	15,694.08
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,651.86	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0003 EA Collective Freight Elevator, 6,000 LB x 100 FPM	251,872.12	16,901.29
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,903.48	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0004 EA Collective Freight Elevator, 8,000 LB x 100 FPM	256,366.46	18,309.71
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,987.35	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0005 EA Collective Freight Elevator, 4,000 LB x 150 FPM	246,434.12	16,698.49
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,651.86	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0006 EA Collective Freight Elevator, 6,000 LB x 150 FPM	253,750.05	17,840.30
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,903.48	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0007 EA Collective Freight Elevator, 8,000 LB x 150 FPM	260,258.12	19,416.82
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	11,071.22	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	
14 21 13 00-0008 EA Collective Freight Elevator, 4,000 LB x 200 FPM	248,932.82	17,109.09
For Each Additional 50 FPM, Add	2,165.00	
For Each Additional 500 Lb., Add	2,619.00	
For Each Additional Stop, Add	4,461.00	
Note: Deduct if <6 stops.		
For Variable Voltage Construction, Add	10,735.73	
For Each Opening With Stainless Steel Doors, Add	1,610.00	
For Each Opening With Bi-Parting Doors, Add	894.00	
For Stainless Steel Cab Interior, Add	12,887.00	
For Class "B" Loading, Add	1,400.00	
For Class "C-1" Loading, Add	3,350.00	
For Class "C-2" Loading, Add	3,790.00	
For Class "C-3" Loading, Add	5,175.00	

14 Conveying Equipment**14 20 Elevators****14 21 Electric Traction Elevators**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

14 21 13 00-0009	EA	Collective Freight Elevator, 6,000 LB x 200 FPM.....	256,366.46	18,309.71
		<i>For Each Additional 50 FPM, Add</i>	2,165.00	
		<i>For Each Additional 500 Lb., Add</i>	2,619.00	
		<i>For Each Additional Stop, Add</i>	4,461.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Variable Voltage Construction, Add</i>	10,987.35	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Bi-Parting Doors, Add</i>	894.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
		<i>For Class "B" Loading, Add</i>	1,400.00	
		<i>For Class "C-1" Loading, Add</i>	3,350.00	
		<i>For Class "C-2" Loading, Add</i>	3,790.00	
		<i>For Class "C-3" Loading, Add</i>	5,175.00	
14 21 13 00-0010	EA	Collective Freight Elevator, 8,000 LB x 200 FPM.....	269,760.25	19,974.27
		<i>For Each Additional 50 FPM, Add</i>	2,165.00	
		<i>For Each Additional 500 Lb., Add</i>	2,619.00	
		<i>For Each Additional Stop, Add</i>	4,461.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Variable Voltage Construction, Add</i>	11,490.59	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Bi-Parting Doors, Add</i>	894.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
		<i>For Class "B" Loading, Add</i>	1,400.00	
		<i>For Class "C-1" Loading, Add</i>	3,350.00	
		<i>For Class "C-2" Loading, Add</i>	3,790.00	
		<i>For Class "C-3" Loading, Add</i>	5,175.00	

14 21 23 Electric Traction Passenger Elevators (14 21)**14 21 23 13 Machine Room Electric Traction Passenger Elevators (14 21 23)****14 21 23 13-0001 Selective-Collective Passenger Elevators (14 21 23 13)**

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of \$4000. Unit prices based on a shaft of 6 stops and 6 openings.

14 21 23 13-0002	EA	AC Rheostatic Elevator, 2,000 LB x 50 FPM Collective Passenger Elevators.....	176,371.24	13,510.10
		<i>For Each Additional 50 FPM, Add</i>	2,147.00	
		<i>For Each Additional 500 Lb., Add</i>	2,147.00	
		<i>For Each Additional Stop, Add</i>	3,972.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Color Aluminum Doors, Add</i>	844.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Cast Bronze Doors, Add</i>	3,221.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 21 23 13-0003	EA	AC Rheostatic Elevator, 2,000 LB x 100 FPM Collective Passenger Elevators.....	181,727.36	14,856.28
		<i>For Each Additional 50 FPM, Add</i>	2,147.00	
		<i>For Each Additional 500 Lb., Add</i>	2,147.00	
		<i>For Each Additional Stop, Add</i>	3,972.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Color Aluminum Doors, Add</i>	844.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Cast Bronze Doors, Add</i>	3,221.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 21 23 13-0004	EA	AC Rheostatic Elevator, 2,000 LB x 150 FPM Collective Passenger Elevators.....	186,996.06	16,056.25
		<i>For Each Additional 50 FPM, Add</i>	2,147.00	
		<i>For Each Additional 500 Lb., Add</i>	2,147.00	
		<i>For Each Additional Stop, Add</i>	3,972.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Color Aluminum Doors, Add</i>	844.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Cast Bronze Doors, Add</i>	3,221.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 21 23 13-0005	EA	Variable Voltage Elevator, 2,500 LB x 150 FPM Collective Passenger Elevators	161,768.96	16,698.49
		<i>For Each Additional 50 FPM, Add</i>	2,147.00	
		<i>For Each Additional 500 Lb., Add</i>	2,147.00	
		<i>For Each Additional Stop, Add</i>	3,972.00	
		<i>Note: Deduct if <6 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Color Aluminum Doors, Add</i>	844.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Cast Bronze Doors, Add</i>	3,221.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0006	EA	Variable Voltage Elevator, 3,000 LB x 150 FPM Collective Passenger Elevators	168,701.94	18,071.94
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0007	EA	Variable Voltage Elevator, 4,000 LB x 150 FPM Collective Passenger Elevators	175,297.25	19,974.27
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0008	EA	Variable Voltage Elevator, 2,500 LB x 200 FPM Collective Passenger Elevators	175,215.29	17,840.30
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0009	EA	Variable Voltage Elevator, 3,000 LB x 200 FPM Collective Passenger Elevators	182,223.90	18,553.88
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0010	EA	Variable Voltage Elevator, 4,000 LB x 200 FPM Collective Passenger Elevators	194,617.53	20,564.66
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0011	EA	Variable Voltage Elevator, 2,500 LB x 250 FPM Collective Passenger Elevators	176,610.64	17,840.30
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	

14 Conveying Equipment**14 20 Elevators****14 21 Electric Traction Elevators**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

14 21 23 13-0012	EA	Variable Voltage Elevator, 3,000 LB x 250 FPM Collective Passenger Elevators	183,619.25	18,553.88
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0013	EA	Variable Voltage Elevator, 4,000 LB x 250 FPM Collective Passenger Elevators	196,012.88	20,564.66
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0014	EA	Variable Voltage Elevator, 2,500 LB x 300 FPM Collective Passenger Elevators	178,469.37	18,071.94
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0015	EA	Variable Voltage Elevator, 3,000 LB x 300 FPM Collective Passenger Elevators	186,740.54	19,416.82
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
14 21 23 13-0016	EA	Variable Voltage Elevator, 4,000 LB x 300 FPM Collective Passenger Elevators	198,660.88	21,190.95
		For Each Additional 50 FPM, Add	2,147.00	
		For Each Additional 500 Lb., Add	2,147.00	
		For Each Additional Stop, Add	3,972.00	
		Note: Deduct if <6 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Color Aluminum Doors, Add	844.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Cast Bronze Doors, Add	3,221.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	

14 24 Hydraulic Elevators (14 20)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators (14 24)**14 24 13 00-0001 Hydraulic Freight Elevators** (14 24 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices are based on a shaft of 3 stops and 3 openings with power doors. See CSI section 14 24 13 00-0011 for drilling piston hole.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24	13 00-0002	EA Hydraulic Freight Elevator, 3,000 LB x 50 FPM	126,766.88	7,817.68
		For Each Additional Stop, Add	5,262.00	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	5,263.00	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	-11,113.16	
		For Class "B" Loading, Add	1,235.00	
		For Class "C-1" Loading, Add	2,935.00	
		For Class "C-2" Loading, Add	3,530.00	
		For Class "C-3" Loading, Add	4,800.00	
14 24	13 00-0003	EA Hydraulic Freight Elevator, 4,000 LB x 50 FPM	138,314.18	8,349.25
		For Each Additional Stop, Add	5,262.00	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	5,263.00	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	-12,161.57	
		For Class "B" Loading, Add	1,235.00	
		For Class "C-1" Loading, Add	2,935.00	
		For Class "C-2" Loading, Add	3,530.00	
		For Class "C-3" Loading, Add	4,800.00	
14 24	13 00-0004	EA Hydraulic Freight Elevator, 6,000 LB x 50 FPM	160,050.96	8,733.49
		For Each Additional Stop, Add	5,262.00	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	5,263.00	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	-14,258.39	
		For Class "B" Loading, Add	1,235.00	
		For Class "C-1" Loading, Add	2,935.00	
		For Class "C-2" Loading, Add	3,530.00	
		For Class "C-3" Loading, Add	4,800.00	
14 24	13 00-0005	EA Hydraulic Freight Elevator, 3,000 LB x 100 FPM	141,622.29	7,906.46
		For Each Additional Stop, Add	5,262.00	
		Note: Deduct if <3 stops.		
		For Each Opening With Bonderized Steel Door, Add	148.00	
		For Each Opening With Stainless Steel Doors, Add	1,610.00	
		For Each Opening With Two Speed Doors, Add	536.00	
		For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
		For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
		For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
		For Stainless Steel Cab Interior, Add	12,887.00	
		For Each Additional 50 FPM, Add	3,475.00	
		For Each Additional 500 LB, Add	3,475.00	
		For Each Additional Stop, Add	5,263.00	
		Note: Deduct if <3 stops.		
		For Elevator With Manual Door, Deduct	-12,580.93	
		For Class "B" Loading, Add	1,235.00	
		For Class "C-1" Loading, Add	2,935.00	
		For Class "C-2" Loading, Add	3,530.00	
		For Class "C-3" Loading, Add	4,800.00	

14 Conveying Equipment

14 20 Elevators

14 24 Hydraulic Elevators



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
14 24 13 00-0006	EA Hydraulic Freight Elevator, 4,000 LB x 100 FPM	151,097.93	8,450.64
	For Each Additional Stop, Add	5,262.00	
	Note: Deduct if <3 stops.		
	For Each Opening With Bonderized Steel Door, Add	148.00	
	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	For Each Opening With Two Speed Doors, Add	536.00	
	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	For Stainless Steel Cab Interior, Add	12,887.00	
	For Each Additional 50 FPM, Add	3,475.00	
	For Each Additional 500 LB, Add	3,475.00	
	For Each Additional Stop, Add	5,263.00	
	Note: Deduct if <3 stops.		
	For Elevator With Manual Door, Deduct	-13,419.66	
	For Class "B" Loading, Add	1,235.00	
	For Class "C-1" Loading, Add	2,935.00	
	For Class "C-2" Loading, Add	3,530.00	
	For Class "C-3" Loading, Add	4,800.00	
14 24 13 00-0007	EA Hydraulic Freight Elevator, 6,000 LB x 100 FPM	175,178.49	8,958.46
	For Each Additional Stop, Add	5,262.00	
	Note: Deduct if <3 stops.		
	For Each Opening With Bonderized Steel Door, Add	148.00	
	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	For Each Opening With Two Speed Doors, Add	536.00	
	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	For Stainless Steel Cab Interior, Add	12,887.00	
	For Each Additional 50 FPM, Add	3,475.00	
	For Each Additional 500 LB, Add	3,475.00	
	For Each Additional Stop, Add	5,263.00	
	Note: Deduct if <3 stops.		
	For Elevator With Manual Door, Deduct	-15,726.17	
	For Class "B" Loading, Add	1,235.00	
	For Class "C-1" Loading, Add	2,935.00	
	For Class "C-2" Loading, Add	3,530.00	
	For Class "C-3" Loading, Add	4,800.00	
14 24 13 00-0008	EA Hydraulic Freight Elevator, 3,000 LB x 150 FPM	154,203.22	7,906.46
	For Each Additional Stop, Add	5,262.00	
	Note: Deduct if <3 stops.		
	For Each Opening With Bonderized Steel Door, Add	148.00	
	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	For Each Opening With Two Speed Doors, Add	536.00	
	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	For Stainless Steel Cab Interior, Add	12,887.00	
	For Each Additional 50 FPM, Add	3,475.00	
	For Each Additional 500 LB, Add	3,475.00	
	For Each Additional Stop, Add	5,263.00	
	Note: Deduct if <3 stops.		
	For Elevator With Manual Door, Deduct	-13,839.03	
	For Class "B" Loading, Add	1,235.00	
	For Class "C-1" Loading, Add	2,935.00	
	For Class "C-2" Loading, Add	3,530.00	
	For Class "C-3" Loading, Add	4,800.00	
14 24 13 00-0009	EA Hydraulic Freight Elevator, 4,000 LB x 150 FPM	166,089.31	8,607.52
	For Each Additional Stop, Add	5,262.00	
	Note: Deduct if <3 stops.		
	For Each Opening With Bonderized Steel Door, Add	148.00	
	For Each Opening With Stainless Steel Doors, Add	1,610.00	
	For Each Opening With Two Speed Doors, Add	536.00	
	For Each Opening With Two Speed Bi-Parting Doors, Add	636.00	
	For Custom Plastic Laminated Cab Interiors, Add	1,611.00	
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	10,202.00	
	For Stainless Steel Cab Interior, Add	12,887.00	
	For Each Additional 50 FPM, Add	3,475.00	
	For Each Additional 500 LB, Add	3,475.00	
	For Each Additional Stop, Add	5,263.00	
	Note: Deduct if <3 stops.		
	For Elevator With Manual Door, Deduct	-14,887.44	
	For Class "B" Loading, Add	1,235.00	
	For Class "C-1" Loading, Add	2,935.00	
	For Class "C-2" Loading, Add	3,530.00	
	For Class "C-3" Loading, Add	4,800.00	

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

14 24 13 00-0010	EA		Hydraulic Freight Elevator, 6,000 LB x 150 FPM.....	188,112.28	9,134.82
			<i>For Each Additional Stop, Add</i>	5,262.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
			<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
			<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
			<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
			<i>For Each Additional 50 FPM, Add</i>	3,475.00	
			<i>For Each Additional 500 LB, Add</i>	3,475.00	
			<i>For Each Additional Stop, Add</i>	5,263.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Elevator With Manual Door, Deduct</i>	-16,984.26	
			<i>For Class "B" Loading, Add</i>	1,235.00	
			<i>For Class "C-1" Loading, Add</i>	2,935.00	
			<i>For Class "C-2" Loading, Add</i>	3,530.00	
			<i>For Class "C-3" Loading, Add</i>	4,800.00	

14 24 13 00-0011 Hydraulic Elevators Piston Drilling (14 24 13)

14 24 13 00-0012	VLF		Up To 6" Diameter Piston Drilling	58.39	
			<i>Note: Includes casing.</i>		
14 24 13 00-0013	VLF		8" To 10" Diameter Piston Drilling.....	68.87	
			<i>Note: Includes casing.</i>		
14 24 13 00-0014	VLF		12" To 16" Diameter Piston Drilling.....	76.64	
			<i>Note: Includes casing.</i>		
14 24 13 00-0015	VLF		18" Diameter Piston Drilling.....	86.79	
			<i>Note: Includes casing.</i>		

14 24 23 Hydraulic Passenger Elevators (14 24)
14 24 23 00-0001 Hydraulic Passenger Elevators (14 24 23)

Note: Baked enamel shaft doors and plastic laminated trimmed cab, allowance of \$4000. Unit prices are based on a shaft of 3 stops and 3 openings. See CSI section 14 24 13 00-0011 for drilling piston hole.

14 24 23 00-0002	EA		Hydraulic Passenger Elevator, 2,000 LB x 50 FPM.....	105,179.98	7,508.30
			<i>For Each Additional 50 FPM, Add</i>	3,475.00	
			<i>For Each Additional 500 LB, Add</i>	3,475.00	
			<i>For Each Additional Stop, Add</i>	5,262.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
			<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
			<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
			<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0003	EA		Hydraulic Passenger Elevator, 2,500 LB x 50 FPM.....	109,992.30	7,817.68
			<i>For Each Additional 50 FPM, Add</i>	3,475.00	
			<i>For Each Additional 500 LB, Add</i>	3,475.00	
			<i>For Each Additional Stop, Add</i>	5,262.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
			<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
			<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
			<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0004	EA		Hydraulic Passenger Elevator, 3,000 LB x 50 FPM.....	119,509.84	8,382.73
			<i>For Each Additional 50 FPM, Add</i>	3,475.00	
			<i>For Each Additional 500 LB, Add</i>	3,475.00	
			<i>For Each Additional Stop, Add</i>	5,262.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
			<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
			<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
			<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0005	EA		Hydraulic Passenger Elevator, 2,000 LB x 100 FPM.....	115,233.30	7,817.68
			<i>For Each Additional 50 FPM, Add</i>	3,475.00	
			<i>For Each Additional 500 LB, Add</i>	3,475.00	
			<i>For Each Additional Stop, Add</i>	5,262.00	
			<i>Note: Deduct if <3 stops.</i>		
			<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
			<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
			<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
			<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	

14 Conveying Equipment

14 20 Elevators

14 24 Hydraulic Elevators

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 24 23 00-0006	EA	Hydraulic Passenger Elevator, 2,500 LB x 100 FPM	121,845.69	8,502.32
		<i>For Each Additional 50 FPM, Add</i>	3,475.00	
		<i>For Each Additional 500 LB, Add</i>	3,475.00	
		<i>For Each Additional Stop, Add</i>	5,262.00	
		<i>Note: Deduct if <3 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0007	EA	Hydraulic Passenger Elevator, 3,000 LB x 100 FPM	128,156.18	9,036.01
		<i>For Each Additional 50 FPM, Add</i>	3,475.00	
		<i>For Each Additional 500 LB, Add</i>	3,475.00	
		<i>For Each Additional Stop, Add</i>	5,262.00	
		<i>Note: Deduct if <3 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0008	EA	Hydraulic Passenger Elevator, 2,000 LB x 150 FPM	123,800.36	7,906.46
		<i>For Each Additional 50 FPM, Add</i>	3,475.00	
		<i>For Each Additional 500 LB, Add</i>	3,475.00	
		<i>For Each Additional Stop, Add</i>	5,262.00	
		<i>Note: Deduct if <3 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0009	EA	Hydraulic Passenger Elevator, 2,500 LB x 150 FPM	135,224.27	8,901.13
		<i>For Each Additional 50 FPM, Add</i>	3,475.00	
		<i>For Each Additional 500 LB, Add</i>	3,475.00	
		<i>For Each Additional Stop, Add</i>	5,262.00	
		<i>Note: Deduct if <3 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	
14 24 23 00-0010	EA	Hydraulic Passenger Elevator, 3,000 LB x 150 FPM	145,735.94	9,963.34
		<i>For Each Additional 50 FPM, Add</i>	3,475.00	
		<i>For Each Additional 500 LB, Add</i>	3,475.00	
		<i>For Each Additional Stop, Add</i>	5,262.00	
		<i>Note: Deduct if <3 stops.</i>		
		<i>For Each Opening With Bonderized Steel Door, Add</i>	148.00	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	1,610.00	
		<i>For Each Opening With Two Speed Doors, Add</i>	536.00	
		<i>For Each Opening With Two Speed Bi-Parting Doors, Add</i>	636.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	1,611.00	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	10,202.00	
		<i>For Stainless Steel Cab Interior, Add</i>	12,887.00	

14 24 23 00-0011 Twin Jack Holeless Hydraulic Passenger Elevator ^(14 24 23)

Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.

14 24 23 00-0012	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 3 Stops, 3 Openings	85,051.68	7,817.68
14 24 23 00-0013	EA	Hydraulic Passenger Elevator, 2,000 LB, 80 FPM, 2 Stops, 2 Openings	63,839.40	6,679.40

14 26 Limited-Use/Limited-Application Elevators ^(14 20)

14 26 00 00-0001 Small Elevators, 1 Passenger Capacity ^(14 26)

Note: 400 lb capacity, 28 FPM rated, 220V, automatic operation. Includes cab interiors.

14 26 00 00-0002	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	33,345.39	3,871.50
14 26 00 00-0003	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	38,485.25	4,839.38
14 26 00 00-0004	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 1 Passenger	43,645.55	5,807.25

14 26 00 00-0005 Small Elevators, 2 To 3 Passenger Capacity ^(14 26)

Note: 750 lb capacity, 36 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.

14 26 00 00-0006	EA	2 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	48,248.64	5,807.25
14 26 00 00-0007	EA	3 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	54,885.64	6,775.13
14 26 00 00-0008	EA	4 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	61,498.40	7,743.00
14 26 00 00-0009	EA	5 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	68,736.39	8,710.88
14 26 00 00-0010	EA	6 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	77,547.86	10,162.69
14 26 00 00-0011	EA	7 Stop Per Shaft, Electric, Push Small Elevators, 2 To 3 Passenger Capacity	86,881.23	11,614.49

14 26 00 00-0012 Small Elevators, 4 To 6 Passenger Capacity ^(14 26)

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

Note: 1500 lb capacity, 42 FPM rated, 220V, automatic operation. Includes cab interiors, telephone box and telephone.

14 26 00 00-0013	EA		2 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity..... <i>For #4 Brushed Stainless Steel Doors, Add</i> <i>For Wrap Around Front, Add</i> <i>For Metal Hand Rails, Add</i> <i>For Wood Hand Rails, Add</i> <i>For Red Oak Side Panels, Add</i>	74,901.97 111.91 55.95 279.77 419.65 1,678.60	9,474.24
14 26 00 00-0014	EA		3 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity..... <i>For #4 Brushed Stainless Steel Doors, Add</i> <i>For Wrap Around Front, Add</i> <i>For Metal Hand Rails, Add</i> <i>For Wood Hand Rails, Add</i> <i>For Red Oak Side Panels, Add</i>	85,639.44 125.93 62.97 314.83 472.24 1,888.95	11,337.20
14 26 00 00-0015	EA		4 Stop Per Shaft, Electric, Push Small Elevators, 4 To 6 Passenger Capacity..... <i>For #4 Brushed Stainless Steel Doors, Add</i> <i>For Wrap Around Front, Add</i> <i>For Metal Hand Rails, Add</i> <i>For Wood Hand Rails, Add</i> <i>For Red Oak Side Panels, Add</i>	96,883.60 139.95 69.98 349.88 524.83 2,099.30	13,453.46

14 30 Escalators And Moving Walks ⁽¹⁴⁾

14 31 Escalators ^(14 30)

14 31 00 00-0001 Escalators Stainless Steel Construction ^(14 31)

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA		Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height.....	203,024.77	10,204.63
14 31 00 00-0003	EA		Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height.....	223,025.61	12,060.02
14 31 00 00-0004	EA		Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height.....	242,450.38	13,915.42
14 31 00 00-0005	EA		Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height.....	266,301.64	16,698.49
14 31 00 00-0006	EA		Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height.....	294,541.07	18,553.88
14 31 00 00-0007	EA		Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height.....	215,027.62	10,854.02
14 31 00 00-0008	EA		Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height.....	236,462.54	12,987.71
14 31 00 00-0009	EA		Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height.....	255,778.73	14,843.11
14 31 00 00-0010	EA		Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height.....	285,933.07	18,646.65
14 31 00 00-0011	EA		Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height.....	309,103.12	20,038.19
14 31 00 00-0012	EA		Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height.....	227,261.18	11,503.41
14 31 00 00-0013	EA		Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height.....	250,446.50	13,915.42
14 31 00 00-0014	EA		Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height.....	268,832.48	15,770.80
14 31 00 00-0015	EA		Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height.....	306,606.31	19,667.12
14 31 00 00-0016	EA		Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height.....	325,810.22	21,522.50
14 31 00 00-0017	EA		Escalator Fire Shutter Fusible Link.....	31,981.68	371.08

14 40 Lifts ⁽¹⁴⁾

14 42 Wheelchair Lifts ^(14 40)

14 42 13 Inclined Wheelchair Lifts ^(14 42)

14 42 13 00-0001 Chair Lift-Stair Climber ^(14 42 13)

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA		Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity..... Note: Includes top and bottom call button, safety chair, track, and power unit.	3,740.51	460.64
------------------	----	--	--	----------	--------

14 42 16 Vertical Wheelchair Lifts ^(14 42)

14 42 16 00-0001 Shorty Wheelchair Lift ^(14 42 16)

Note: 1000 LB capacity. Includes handrails and manual ramp.

14 42 16 00-0002	EA		36" Vertical Travel Wheelchair Platform Scissor Lift..... <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	5,994.13 998.00 100.00 885.00	307.10
14 42 16 00-0003	EA		42" Vertical Travel Wheelchair Platform Scissor Lift..... Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For 2,000 LB Capacity, Add</i> <i>For 3,000 LB Capacity, Add</i> <i>For 4,000 LB Capacity, Add</i> <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	5,994.13 600.00 1,000.00 1,500.00 998.00 100.00 885.00	307.10
14 42 16 00-0004	EA		70" Vertical Travel Wheelchair Platform Scissor Lift..... Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For 2,000 LB Capacity, Add</i> <i>For 3,000 LB Capacity, Add</i> <i>For 4,000 LB Capacity, Add</i> <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	8,198.77 600.00 1,000.00 1,500.00 998.00 100.00 885.00	409.47

14 Conveying Equipment

14 40 Lifts

14 42 Wheelchair Lifts



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 42 16 00-0005	EA	84" Vertical Travel Wheelchair Platform Scissor Lift.....	9,198.77	409.47
		Note: 1000 LB capacity. Includes handrails and manual ramp.		
		For 2,000 LB Capacity, Add	600.00	
		For 3,000 LB Capacity, Add	1,000.00	
		For 4,000 LB Capacity, Add	1,500.00	
		For Accordion Safety Skirt, Add	998.00	
		For Removable Handrails, Add	100.00	
		For Power Operated Ramp, Add	885.00	
14 42 16 00-0006	EA	18" Travel Wheelchair Incline Lift.....	11,532.85	818.92
		Note: 500 LB capacity, interior installation.		

14 90 Other Conveying Equipment (14)

14 91 Facility Chutes (14 90)

14 91 82 Trash Chutes (14 91)

14 91 82 00-0001 Trash Chutes (14 91 82)

14 91 82 00-0002	LF	18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	20.59	3.38
		For Aluminum, Add	1.41	
		For Stainless Steel, Add	4.95	
14 91 82 00-0003	LF	24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	26.14	3.38
		For Aluminum, Add	1.91	
		For Stainless Steel, Add	6.69	
14 91 82 00-0004	LF	30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	28.80	4.22
		For Aluminum, Add	2.12	
		For Stainless Steel, Add	7.42	
14 91 82 00-0005	LF	36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports.....	43.15	4.22
		For Aluminum, Add	3.49	
		For Stainless Steel, Add	12.22	
14 91 82 00-0006	EA	Trash Chutes, Hopper.....	399.83	23.66
		For Aluminum, Add	35.22	
		For Stainless Steel, Add	123.27	
14 91 82 00-0007	EA	Trash Chutes, Skylight.....	215.68	46.48
		For Aluminum, Add	12.25	
		For Stainless Steel, Add	42.88	
14 91 82 00-0008	EA	Trash Chutes, Sprinkler Unit At Top.....	160.75	50.70
		For Aluminum, Add	5.36	
		For Stainless Steel, Add	18.76	
14 91 82 00-0009	EA	Trash Chutes, Sprinkler Unit At Intake Hopper.....	44.91	17.74
		For Aluminum, Add	0.92	
		For Stainless Steel, Add	3.22	
14 91 82 00-0010	EA	Refuse Type Bottom Storage Hopper Unit.....	360.58	63.38
		For Aluminum, Add	22.66	
		For Stainless Steel, Add	79.32	
14 91 82 00-0011	EA	Hopper Doors.....	775.54	49.85

14 91 82 00-0012 Aluminized Steel Trash Chutes And Accessories (14 91 82)

Note: Includes sprinklers. Includes smoke/shut down dampers per floor, chute opening doors per floor, base chute damper. Complete.

14 91 82 00-0013	EA	Refuse Bottom Hopper, Aluminum, 18" Diameter.....	1,450.36	221.54
14 91 82 00-0014	FLR	18" Diameter Trash Chutes And With Sprinklers Aluminized Steel.....	550.27	237.08
14 91 82 00-0015	FLR	24" Diameter Trash Chutes And With Sprinklers Aluminized Steel.....	649.96	259.32
14 91 82 00-0016	FLR	30" Diameter Trash Chutes And With Sprinklers Aluminized Steel.....	737.32	276.58
14 91 82 00-0017	FLR	36" Diameter Trash Chutes And With Sprinklers Aluminized Steel.....	807.51	296.33
14 91 82 00-0018	EA	Refuse Bottom Hopper, 36" Aluminized Steel, With Sprinklers.....	687.00	276.58

14 92 Pneumatic Tube Systems (14 90)

14 92 00 00-0001 Pneumatic Tube Station; Swisslog (14 92)

14 92 00 00-0002	LF	4" Pneumatic Tube.....	53.91	17.00
14 92 00 00-0003	LF	6" Pneumatic Tube.....	67.28	21.24
14 92 00 00-0004	EA	4" 90 Degree Bend.....	222.42	37.17
14 92 00 00-0005	EA	6" 90 Degree Bend.....	303.61	42.49
14 92 00 00-0006	EA	4" PRV Bend.....	276.51	55.77
14 92 00 00-0007	EA	6" PRV Bend.....	377.90	63.73
14 92 00 00-0008	EA	Vacuum Bypass Valve.....	1,638.38	265.55
14 92 00 00-0009	EA	Blower Assembly For 4" Tube.....	13,805.94	531.10
14 92 00 00-0010	EA	Blower Assembly For 6" Tube.....	16,744.09	637.32
14 92 00 00-0011	EA	Recessed Receiving Station For 4" Tube.....	9,389.76	796.65
14 92 00 00-0012	EA	Recessed Receiving Station For 6" Tube.....	10,710.81	955.97
14 92 00 00-0013	EA	Wall Mount Receiving Station For 4" Tube.....	8,078.13	531.10
14 92 00 00-0014	EA	Wall Mount Receiving Station For 6" Tube.....	8,979.03	637.32
14 92 00 00-0015	EA	2 Out Transfer Unit For 4" Tube.....	6,415.30	584.21
14 92 00 00-0016	EA	2 Out Transfer Unit For 6" Tube.....	6,894.08	637.32
14 92 00 00-0017	EA	4 Out Transfer Unit For 4" Tube.....	7,763.94	796.65
14 92 00 00-0018	EA	4 Out Transfer Unit For 6" Tube.....	8,158.23	849.76
14 92 00 00-0019	EA	6 Out Transfer Unit For 4" Tube.....	9,589.36	1,062.19
14 92 00 00-0020	EA	6 Out Transfer Unit For 6" Tube.....	10,098.94	1,115.31
14 92 00 00-0021	EA	T.E.U. Assembly For 4" Tube.....	2,628.39	132.78
14 92 00 00-0022	EA	T.E.U. Assembly For 6" Tube.....	3,013.76	212.44
14 92 00 00-0023	EA	Security Door.....	912.18	
14 92 00 00-0024	EA	SB-101 Control Panel.....	2,659.31	318.65
14 92 00 00-0025	LF	Pneumatic Tube Hanging Material.....	8.88	2.13

	Conveying Equipment	14	14
	Other Conveying Equipment	14 90	
	Pneumatic Tube Systems	14 92	
MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

END OF SECTION 14

14 Conveying Equipment

14 90 Other Conveying Equipment

14 92 Pneumatic Tube Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression ⁽²¹⁾

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems ^(21 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 00-0001		Relocate Sprinkler Head And Branch Piping ^(21 01 10)	
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 00-0002	EA	Relocate Existing Sprinkler Head And Branch Piping, 1 Head	388.01
21 01 10 00-0003	EA	Relocate Existing Sprinkler Head And Branch Piping, 2 To 4 Heads	258.67
21 01 10 00-0004	EA	Relocate Existing Sprinkler Head And Branch Piping, >4 To 10 Heads	129.34
21 01 10 00-0005	EA	Relocate Existing Sprinkler Head And Branch Piping, > 10 Heads	38.81
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	

21 01 10 00-0006		Sprinkler Upgrades ^(21 01 10)	
21 01 10 00-0007	LF	Bleed Existing Lines Of Water	0.42
21 01 10 00-0008	LF	Refill Existing Lines With Water	0.50

21 01 30 Operation and Maintenance of Fire-Suppression Equipment ^(21 01)

21 01 30 00-0001		Inspection And Recharge ^(21 01 30)	
21 01 30 00-0002	EA	Inspection, CO2, Carbon Dioxide	139.04
21 01 30 00-0003	LB	Refill/Recharge, CO2, Carbon Dioxide	1.45
21 01 30 00-0004	EA	Inspection, Halon 1301	139.04
21 01 30 00-0005	LB	Refill/Recharge, Halon 1301	34.80
21 01 30 00-0006	EA	Inspection, WC, Wet Chemical	84.06
21 01 30 00-0007	GAL	Refill/Recharge, WC, Wet Chemical	32.63
21 01 30 00-0008	EA	Inspection, DC, Dry Chemical	84.06
21 01 30 00-0009	LB	Refill/Recharge, DC, Dry Chemical	2.90
21 01 30 00-0010	EA	Hydrostatic Testing, All Sizes, All Agents	25.87
		See CSI section 23 05 93 00-0046 for testing existing piping systems.	
21 01 30 00-0011	EA	Disarm/Arm System	45.27

21 05 Common Work Results for Fire Suppression ⁽²¹⁾

21 05 13 Common Motor Requirements For Fire-Suppression Equipment ^(21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping ^(21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 19 Meters And Gages For Fire-Suppression Systems ^(21 05)

21 05 19 00-0001		Fire Service Meter Cast Iron Housing ^(21 05 19)	
21 05 19 00-0002	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	3,115.65
		For >10 To 25, Deduct	-155.78
		For >25, Deduct	-411.64
21 05 19 00-0003	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	6,029.14
		For >10 To 25, Deduct	-301.46
		For >25, Deduct	-827.09
21 05 19 00-0004	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	8,325.56
		For >10 To 25, Deduct	-416.28
		For >25, Deduct	-1,126.95
21 05 19 00-0005	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	10,584.64
		For >10 To 25, Deduct	-529.23
		For >25, Deduct	-1,457.11
21 05 19 00-0006	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	14,668.20
		For >10 To 25, Deduct	-733.41
		For >25, Deduct	-2,046.49

21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping ^(21 05)

See CSI section 23 05 23 00-0000 for valves.

21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment ^(21 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment ^(21 05)

See CSI section 23 05 48 00-0000 for vibration and seismic control.

21 Fire Suppression**21 05 Common Work Results for Fire Suppression****21 05 53 Identification For Fire-Suppression Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 05 53 Identification For Fire-Suppression Piping And Equipment ^(21 05)
 See CSI section 23 05 53 00-0000 for identification.

21 07 Fire-Suppression Systems Insulation ⁽²¹⁾

21 07 19 Fire-Suppression Piping Insulation ^(21 07)
 See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

21 10 Water-Based Fire-Suppression Systems ⁽²¹⁾

See CSI section 22 11 16 00-0345 for copper pipe, 22 11 16 00-0883 for CPVC pipe, 23 05 23 00-0239 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

21 11 Facility Fire-Suppression Water-Service Piping ^(21 10)**21 11 19 Fire-Department Connections ^(21 11)****21 11 19 00-0001 Fire Department Connections ^(21 11 19)**

21 11 19 00-0002	EA	4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	517.37	212.24
		<i>For Polished Chrome, Add</i>	24.48	
21 11 19 00-0003	EA	6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	701.88	265.30
		<i>For Polished Chrome, Add</i>	37.47	
21 11 19 00-0004	EA	4" x 3" x 3" Siamese Connection, Polished Brass.....	701.37	212.24
		<i>For Polished Chrome, Add</i>	47.47	
21 11 19 00-0005	EA	6" x 3" x 3" Siamese Connection, Polished Brass.....	917.71	265.30
		<i>For Polished Chrome, Add</i>	64.45	
21 11 19 00-0006	EA	6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass.....	970.47	265.30
		<i>For Polished Chrome, Add</i>	71.05	
21 11 19 00-0007	EA	Sidewalk Type Connection With Plug And Chain, Polished Brass.....	863.58	280.78
		<i>For Polished Chrome, Add</i>	54.79	
21 11 19 00-0008	EA	Wall Type Connection With Plug And Chain, Polished Brass	573.03	212.24
		<i>For Polished Chrome, Add</i>	31.44	

21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated ^(21 11 19)

See CSI section 33 12 16 00-0210 for adjustable indicator post accessory for ground valves.

21 11 19 00-0010	EA	Wall Type Indicator Post With Wall Flange For Valve.....	581.83	221.74
		Note: The wall flange is tapped for a 4" diameter schedule 40 steel pipe which extends through wall.		

21 12 Fire-Suppression Standpipes ^(21 10)**21 12 13 Fire-Suppression Hoses And Nozzles ^(21 12)****21 12 13 00-0001 Fire Hose ^(21 12 13)****21 12 13 00-0002 Fire Hose Without Couplings ^(21 12 13 00-0001)**

21 12 13 00-0003	LF	1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	1.77	1.29
21 12 13 00-0004	LF	2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.09	1.29
21 12 13 00-0005	LF	2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	1.87	1.29
21 12 13 00-0006	LF	3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.23	1.29
21 12 13 00-0007	LF	1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.07	1.29
21 12 13 00-0008	LF	2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.64	1.29
21 12 13 00-0009	LF	1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.16	1.29
21 12 13 00-0010	LF	2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.83	1.29

21 12 13 00-0011 Fire Hose With Aluminum Couplings ^(21 12 13 00-0001)

21 12 13 00-0012	LF	1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	2.89	0.71
21 12 13 00-0013	LF	2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	3.53	0.84
21 12 13 00-0014	LF	3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	5.53	0.84

21 12 13 00-0015 Fire Hose Accessories ^(21 12 13 00-0001)

21 12 13 00-0016	EA	Hose Coupling With 1-1/2" Pin Lug.....	66.67	21.34
21 12 13 00-0017	EA	Hose Coupling With 2-1/2" Pin Lug.....	95.23	23.92
21 12 13 00-0018	EA	1-1/2" x 10" Brass Straight Nozzle.....	43.71	16.81
21 12 13 00-0019	EA	2-1/2" x 12" Brass Straight Nozzle.....	77.90	16.81
21 12 13 00-0020	EA	1-1/2" Brass Fog Type Nozzle	63.21	16.81
21 12 13 00-0021	EA	2-1/2" Brass Fog Type Nozzle	87.44	16.81
21 12 13 00-0022	EA	1-1/2" Brass 100' Hose Rack.....	157.57	71.14
21 12 13 00-0023	EA	2-1/2" Brass 100' Hose Rack.....	203.21	71.14

21 12 23 Fire-Suppression Hose Valves ^(21 12)**21 12 23 00-0001 Standpipe Valves ^(21 12 23)**

21 12 23 00-0002	EA	2-1/2" Fire Department Valve, Polished Brass With Plug And Chain.....	376.64	140.40
		<i>For Polished Chrome, Add</i>	24.60	
21 12 23 00-0003	EA	2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass.....	570.79	140.33
		<i>For Polished Chrome, Add</i>	53.73	
21 12 23 00-0004	EA	2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass.....	724.06	151.80
		<i>For Polished Chrome, Add</i>	74.10	
21 12 23 00-0005	EA	3" x 3" x 4" Fire Department Valve, Flush, Polished Brass	850.58	140.33
		<i>For Polished Chrome, Add</i>	95.69	
21 12 23 00-0006	EA	3" x 3" x 6" Fire Department Valve, Flush, Polished Brass	993.70	151.80
		<i>For Polished Chrome, Add</i>	114.55	

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

21 12 23 00-0007	EA		2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	541.06 49.27	140.33
21 12 23 00-0008	EA		2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	770.69 81.10	151.80
21 12 23 00-0009	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	966.26 89.61	144.88
21 12 23 00-0010	EA		2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,364.04 134.42	160.96
21 12 23 00-0011	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	1,033.16 97.64	144.88
21 12 23 00-0012	EA		2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass <i>For Polished Chrome, Add</i>	1,464.84 146.51	160.96
21 12 23 00-0013	EA		2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	2,367.80 207.51	193.12

21 12 23 00-0014 Fire Hose Valve Cap And Chain Replacement (21 12 23)

21 12 23 00-0015	EA		1-1/2" Brass Chrome Fire Hose Valve Cap And Chain.....	26.31	6.59
21 12 23 00-0016	EA		1-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	17.77	6.59
21 12 23 00-0017	EA		2-1/2" Brass Chrome Fire Hose Valve Cap And Chain.....	36.91	8.24
21 12 23 00-0018	EA		2-1/2" Aluminum Brass Fire Hose Valve Cap And Chain.....	23.38	8.24

21 12 23 00-0019 Fire Hose Cabinet Angle Valves (21 12 23)

21 12 23 00-0020	EA		1-1/2" Fire Hose Angle Valve, Cast Brass	120.78	
21 12 23 00-0021	EA		2-1/2" Fire Hose Angle Valve, Cast Brass	204.15	29.10

21 12 29 Fire-Suppression Fire Hose Equipment (21 12)

21 12 29 00-0001 Standpipe And Fire Hose Equipment (21 12 29)

21 12 29 00-0002	EA		2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	1,091.90	348.02
21 12 29 00-0003	EA		Water Motor Gong	374.35	102.86
21 12 29 00-0004	EA		Water Motor Gong With Retard Chamber Assembly	709.15	125.97
21 12 29 00-0005	EA		Fire Riser Flow Switch (NFPA 13)	258.75	11.97
21 12 29 00-0006	EA		Water Flow Supervisory (Tamper) Switch Mounted On Valve.....	131.31	20.47
21 12 29 00-0007	EA		Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	218.07	62.99
21 12 29 00-0008	EA		Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	314.85	83.46
21 12 29 00-0009	EA		Pressure-Type Water Flow Detector For >4" To 8" Pipe	478.26	94.48
21 12 29 00-0010	EA		Vane-Type Water Flow Switch For Up To 2-1/2" Pipe	267.91	62.99
21 12 29 00-0011	EA		Vane-Type Water Flow Switch For >2-1/2" To 4" Pipe	375.90	83.46
21 12 29 00-0012	EA		Vane-Type Water Flow Switch For >4" To 8" Pipe	575.03	94.48
21 12 29 00-0013	EA		Spare Sprinkler Head Box For 3 Heads.....	23.70	7.88
21 12 29 00-0014	EA		Spare Sprinkler Head Box For 6 Heads.....	23.82	7.88
21 12 29 00-0015	EA		Spare Sprinkler Head Box For 12 Heads.....	25.20	7.88

21 13 Fire-Suppression Sprinkler Systems (21 10)

21 13 13 Wet-Pipe Sprinkler Systems (21 13)

21 13 13 00-0001 Complete Wet-Pipe Sprinkler Systems (21 13 13)

Note: Includes complete design per NFPA 13, 13D or 13R and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.

21 13 13 00-0002 Light Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)

21 13 13 00-0003	EA		Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head..... Note: Includes branch pipe and fittings, supports and sprinkler heads.	258.58	
			<i>For Copper Pipe, Add</i>	30.49	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-43.42	
			<i>For Up To 5, Add</i>	120.02	
			<i>For >5 To 10, Add</i>	76.60	
			<i>For >10 To 20, Add</i>	50.74	
			<i>For >20 To 40, Add</i>	21.22	
			<i>For >100 To 150, Deduct</i>	-25.86	
			<i>For >150, Deduct</i>	-51.72	
21 13 13 00-0004	EA		Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head..... Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.	344.53	
			<i>For Copper Pipe, Add</i>	39.47	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-56.69	
			<i>For Up To 5, Add</i>	162.24	
			<i>For >5 To 10, Add</i>	105.54	
			<i>For >10 To 20, Add</i>	71.09	
			<i>For >20 To 40, Add</i>	29.44	
			<i>For >100 To 150, Deduct</i>	-34.45	
			<i>For >150, Deduct</i>	-68.91	

21 13 13 00-0005 Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems (21 13 13 00-0001)

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0006	EA Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....257.44 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Copper Pipe, Add	30.42	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-43.29	
	For Up To 5, Add	119.36	
	For >5 To 10, Add	76.07	
	For >10 To 20, Add	50.32	
	For >20 To 40, Add	21.07	
	For >100 To 150, Deduct	-25.74	
	For >150, Deduct	-51.49	
21 13 13 00-0007	EA Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....341.37 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Copper Pipe, Add	39.15	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-56.22	
	For Up To 5, Add	160.65	
	For >5 To 10, Add	104.43	
	For >10 To 20, Add	70.29	
	For >20 To 40, Add	29.12	
	For >100 To 150, Deduct	-34.14	
	For >150, Deduct	-68.27	
21 13 13 00-0008	Extra Hazard, Complete Wet-Pipe Sprinkler Systems <small>(21 13 13 00-0001)</small>		
21 13 13 00-0009	EA Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....238.32 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Copper Pipe, Add	28.12	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-40.03	
	For Up To 5, Add	110.59	
	For >5 To 10, Add	70.56	
	For >10 To 20, Add	46.73	
	For >20 To 40, Add	19.55	
	For >100 To 150, Deduct	-23.83	
	For >150, Deduct	-47.66	
21 13 13 00-0010	EA Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....316.58 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Copper Pipe, Add	36.26	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-52.09	
	For Up To 5, Add	149.09	
	For >5 To 10, Add	97.00	
	For >10 To 20, Add	65.34	
	For >20 To 40, Add	27.06	
	For >100 To 150, Deduct	-31.66	
	For >150, Deduct	-63.32	
21 13 13 00-0011	Wet-Pipe Sprinkler Components <small>(21 13 13)</small>		
	Note: Excludes hydraulic calculations.		
21 13 13 00-0012	Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0011)</small>		
21 13 13 00-0013	EA Pendant Brass Sprinkler Heads, Standard Response .....44.18		16.17
	For Chrome, Add	1.78	
21 13 13 00-0014	EA Upright Brass Sprinkler Heads.....37.29		16.17
	For Chrome, Add	1.23	
21 13 13 00-0015	EA Sidewall, Vertical, Brass Sprinkler Heads.....39.14		16.17
	For Chrome, Add	1.51	
21 13 13 00-0016	EA Sidewall, Horizontal, Brass Sprinkler Heads.....37.21		16.17
	For Chrome, Add	1.22	
21 13 13 00-0017	EA Nipple, Adjustable, Fire Sprinkler System.....64.48		6.42
21 13 13 00-0018	EA Standard Duty Sprinkler Head Guard, 1 Piece .....15.17		6.42
21 13 13 00-0019	EA Heavy Duty Sprinkler Head Guard, 2 Piece.....24.95		6.42
21 13 13 00-0020	EA Concealed Pendant Sprinkler Heads With Concealed Cover Plate .....65.77		16.17
	For Chrome, Add	4.53	
21 13 13 00-0021	EA Chrome Sprinkler Head Escutcheon, 1 Piece.....6.29		2.42
21 13 13 00-0022	EA Split Wall Chrome Sprinkler Head Escutcheon.....7.61		2.42
21 13 13 00-0023	EA Recessed Chrome Sprinkler Head Escutcheon, Two Piece.....11.03		2.42
21 13 13 00-0024	Wet-Pipe Alarm Valves <small>(21 13 13 00-0011)</small>		
21 13 13 00-0025	EA 2" Wet-Pipe Alarm Valve.....1,197.21		535.57
21 13 13 00-0026	EA 3" Wet-Pipe Alarm Valve.....1,608.59		731.09
21 13 13 00-0027	EA 4" Wet-Pipe Alarm Valve.....2,588.62		1,023.53
21 13 13 00-0028	EA 6" Wet-Pipe Alarm Valve.....2,963.11		1,209.34
21 13 13 00-0029	EA 8" Wet-Pipe Alarm Valve.....4,140.60		1,330.27
21 13 13 00-0030	Flexible Sprinkler Piping <small>(21 13 13 00-0011)</small>		
	Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0031	EA 2' Long Stainless Steel Flexible Sprinkler Piping .....46.85		10.02
	Note: Includes ceiling mounting bracket.		
21 13 13 00-0032	EA 3' Long Stainless Steel Flexible Sprinkler Piping .....51.97		10.34
	Note: Includes ceiling mounting bracket.		
21 13 13 00-0033	EA 4' Long Stainless Steel Flexible Sprinkler Piping .....57.19		10.99
	Note: Includes ceiling mounting bracket.		
21 13 13 00-0034	EA 5' Long Stainless Steel Flexible Sprinkler Piping .....62.57		11.64
	Note: Includes ceiling mounting bracket.		
21 13 13 00-0035	EA 6' Long Stainless Steel Flexible Sprinkler Piping .....68.11		12.94
	Note: Includes ceiling mounting bracket.		

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

21 13 16 Dry-Pipe Sprinkler Systems (21 13)

21 13 16 00-0001	Complete Dry-Pipe Sprinkler Systems (21 13 16) Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		
21 13 16 00-0002	Light Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001) Note: Includes branch pipe and fittings, supports and sprinkler heads.		
21 13 16 00-0003	EA Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head.....	280.61	
	For Up To 5, Add	130.40	
	For >5 To 10, Add	73.46	
	For >10 To 20, Add	55.30	
	For >20 To 40, Add	23.11	
	For >100 To 150, Deduct	-28.06	
	For >150, Deduct	-56.12	
	For Copper Pipe, Add	33.01	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-47.04	
21 13 16 00-0004	EA Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head	354.21	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Up To 5, Add	166.32	
	For >5 To 10, Add	97.00	
	For >10 To 20, Add	72.37	
	For >20 To 40, Add	30.03	
	For >100 To 150, Deduct	-35.42	
	For >150, Deduct	-70.84	
	For Copper Pipe, Add	40.82	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-58.53	
21 13 16 00-0005	Ordinary Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001) Note: Includes branch pipe and fittings, supports and sprinkler heads.		
21 13 16 00-0006	EA Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head.....	284.15	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	131.59	
	For >5 To 10, Add	73.25	
	For >10 To 20, Add	55.31	
	For >20 To 40, Add	23.17	
	For >100 To 150, Deduct	-28.42	
	For >150, Deduct	-56.83	
	For Copper Pipe, Add	33.66	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-47.86	
21 13 16 00-0007	EA Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head	356.03	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Up To 5, Add	166.75	
	For >5 To 10, Add	96.44	
	For >10 To 20, Add	72.11	
	For >20 To 40, Add	29.97	
	For >100 To 150, Deduct	-35.60	
	For >150, Deduct	-71.21	
	For Copper Pipe, Add	41.24	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-59.04	
21 13 16 00-0008	Extra Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001) Note: Includes branch pipe and fittings, supports and sprinkler heads.		
21 13 16 00-0009	EA Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head.....	266.42	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	123.28	
	For >5 To 10, Add	68.42	
	For >10 To 20, Add	51.71	
	For >20 To 40, Add	21.68	
	For >100 To 150, Deduct	-26.64	
	For >150, Deduct	-53.28	
	For Copper Pipe, Add	31.61	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-44.93	
21 13 16 00-0010	EA Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head.....	331.45	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Up To 5, Add	155.25	
	For >5 To 10, Add	89.81	
	For >10 To 20, Add	67.15	
	For >20 To 40, Add	27.91	
	For >100 To 150, Deduct	-33.15	
	For >150, Deduct	-66.29	
	For Copper Pipe, Add	38.38	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-54.96	
21 13 16 00-0011	Dry-Pipe Sprinkler System Equipment (21 13 16 00-0001) Note: Excludes hydraulic calculations.		
21 13 16 00-0012	EA Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge	1,259.36	202.35
21 13 16 00-0013	EA Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge	1,310.39	202.35
21 13 16 00-0014	EA Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge	1,353.44	202.35
21 13 16 00-0015	EA Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge	1,520.87	202.35
21 13 16 00-0016	Dry-Pipe Sprinkler System Components (21 13 16) Note: Excludes hydraulic calculations.		

21 Fire Suppression
21 10 Water-Based Fire-Suppression Systems
21 13 Fire-Suppression Sprinkler Systems



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 16 00-0017	Dry Pipe Alarm Valves (21 13 16 00-0016)		
21 13 16 00-0018	EA 2" Dry Pipe Alarm Valve.....	1,232.98	535.57
21 13 16 00-0019	EA 3" Dry Pipe Alarm Valve.....	1,653.60	731.09
21 13 16 00-0020	EA 4" Dry Pipe Alarm Valve.....	2,999.58	1,023.53
21 13 16 00-0021	EA 6" Dry Pipe Alarm Valve.....	3,839.40	1,209.34
21 13 16 00-0022	EA 8" Dry Pipe Alarm Valve.....	4,775.94	1,330.27

21 13 16 00-0023	Dry Sprinkler Heads (21 13 16 00-0016)		
	Note: 3/4" or 1" NPT.		
21 13 16 00-0024	EA Up To 4-3/4" Length, Dry Pipe Pendant Head.....	82.89	21.27
21 13 16 00-0025	EA >4-3/4" To 6-3/4" Length, Dry Pipe Pendant Head.....	82.89	21.27
21 13 16 00-0026	EA >6-3/4" To 8-3/4" Length, Dry Pipe Pendant Head.....	84.49	21.27
21 13 16 00-0027	EA >8-3/4" To 10-3/4" Length, Dry Pipe Pendant Head.....	86.90	21.27
21 13 16 00-0028	EA >10-3/4" To 12-3/4" Length, Dry Pipe Pendant Head.....	86.90	21.27
21 13 16 00-0029	EA >12-3/4" To 14-3/4" Length, Dry Pipe Pendant Head.....	92.51	21.27
21 13 16 00-0030	EA >14-3/4" To 16-3/4" Length, Dry Pipe Pendant Head.....	92.51	21.27
21 13 16 00-0031	EA >16-3/4" To 18-3/4" Length, Dry Pipe Pendant Head.....	98.12	21.27
21 13 16 00-0032	EA >18-3/4" To 20-3/4" Length, Dry Pipe Pendant Head.....	98.12	21.27
21 13 16 00-0033	EA >20-3/4" To 22-3/4" Length, Dry Pipe Pendant Head.....	99.72	21.27
21 13 16 00-0034	EA >22-3/4" To 24-3/4" Length, Dry Pipe Pendant Head.....	99.72	21.27
21 13 16 00-0035	EA >24-3/4" To 26-3/4" Length, Dry Pipe Pendant Head.....	101.32	21.27
21 13 16 00-0036	EA >26-3/4" To 28-3/4" Length, Dry Pipe Pendant Head.....	104.53	21.27

21 13 19 Preaction Sprinkler Systems (21 13)

21 13 19 00-0001	Complete Preaction Sprinkler Systems (21 13 19)		
	Note: Includes complete design per NFPA 13 and stamped shop drawings approved by a registered engineer. Includes all branch line piping (standard weight black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks.		

21 13 19 00-0002	Ordinary Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)		
21 13 19 00-0003	EA Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head.....	269.53	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	125.75	
	For >5 To 10, Add	80.81	
	For >10 To 20, Add	53.85	
	For >20 To 40, Add	22.44	
	For >100 To 150, Deduct	-26.95	
	For >150, Deduct	-53.91	

21 13 19 00-0004	Extra Hazard, Preaction Sprinkler Systems (21 13 19 00-0001)		
21 13 19 00-0005	EA Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head.....	250.97	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	117.10	
	For >5 To 10, Add	75.26	
	For >10 To 20, Add	50.16	
	For >20 To 40, Add	20.90	
	For >100 To 150, Deduct	-25.10	
	For >150, Deduct	-50.19	

21 13 26 Deluge Fire-Suppression Sprinkler Systems (21 13)

21 13 26 00-0001	Deluge Fire-Suppression Sprinkler Systems Equipment (21 13 26)		
	See CSI section 23 21 13 23-0000 for pipe and fittings.		
21 13 26 00-0002	Deluge Fire-Suppression Sprinkler System Nozzles (21 13 26 00-0001)		
21 13 26 00-0003	EA 3/8" Auto Deluge Sprinkler Nozzle.....	61.71	27.74
21 13 26 00-0004	EA 1/2" Pendant Deluge Spring Nozzle With Open Head.....	61.71	27.74
21 13 26 00-0005	EA 1/2" Pendant Deluge Spring Nozzle Open Head With Canopy.....	61.71	27.74

21 13 26 00-0006	Deluge Valves With Required Trim And Release Equipment (21 13 26 00-0001)		
21 13 26 00-0007	EA 3" Deluge Valve With Trim And Release Equipment.....	3,844.31	359.30
21 13 26 00-0008	EA 4" Deluge Valve With Trim And Release Equipment.....	4,406.92	404.18
21 13 26 00-0009	EA 6" Deluge Valve With Trim And Release Equipment.....	5,477.22	587.90

21 13 39 Foam-Water Systems (21 13)

21 13 39 00-0001	Foam Control Valves And Monitors (21 13 39)		
21 13 39 00-0002	Control Valves (21 13 39 00-0001)		
21 13 39 00-0003	EA 3" Foam Control Valve.....	1,852.67	359.30

21 13 39 00-0004	Supply Valves (21 13 39 00-0001)		
21 13 39 00-0005	EA 2-1/2" Foam Supply Valve.....	1,690.46	404.18

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

21 13 39 00-0006	Proportioners <small>(21 13 39 00-0001)</small>		
21 13 39 00-0007	EA 8" Foam Proportioner.....	1,457.79	587.90

21 13 39 00-0008	Monitors <small>(21 13 39 00-0001)</small>		
21 13 39 00-0009	EA Oscillating Foam Monitor.....	1,850.83	80.84

21 13 41 Fire-Suppression Sprinkler Piping (21 13)
See CSI section 23 21 13 23-0000 for black steel piping.

21 13 41 00-0001	Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <small>(21 13 41)</small>		
	Note: SDR 13.5		
21 13 41 00-0002	Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe <small>(21 13 41 00-0001)</small>		
21 13 41 00-0003	LF 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	3.33	1.04
21 13 41 00-0004	LF 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	3.93	1.10
21 13 41 00-0005	LF 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	4.85	1.23
21 13 41 00-0006	LF 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	5.86	1.36
21 13 41 00-0007	LF 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	7.42	1.48
21 13 41 00-0008	LF 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	9.98	1.69
21 13 41 00-0009	LF 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	13.76	2.01

21 13 41 00-0010	Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0011	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	16.50	6.21
21 13 41 00-0012	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	21.58	7.76
21 13 41 00-0013	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	27.00	9.70
21 13 41 00-0014	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	30.69	10.74
21 13 41 00-0015	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	34.74	12.03
21 13 41 00-0016	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	43.23	13.64
21 13 41 00-0017	EA 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	52.71	16.17

21 13 41 00-0018	Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0019	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	16.84	6.21
21 13 41 00-0020	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	21.03	7.76
21 13 41 00-0021	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	26.59	9.70
21 13 41 00-0022	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	30.03	10.74
21 13 41 00-0023	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	33.91	12.03
21 13 41 00-0024	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	41.14	13.64
21 13 41 00-0025	EA 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	50.41	16.17

21 13 41 00-0026	Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0027	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	24.60	9.31
21 13 41 00-0028	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	31.84	11.71
21 13 41 00-0029	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	40.41	14.61
21 13 41 00-0030	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	46.13	16.17
21 13 41 00-0031	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	53.57	17.98
21 13 41 00-0032	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	65.13	20.50
21 13 41 00-0033	EA 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping.....	76.95	24.19

21 13 41 00-0034	Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0035	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	29.44	10.93
21 13 41 00-0036	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	38.09	13.64
21 13 41 00-0037	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	42.58	15.07
21 13 41 00-0038	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	49.91	16.81
21 13 41 00-0039	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	58.61	19.14
21 13 41 00-0040	EA 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping.....	69.01	22.57

21 13 41 00-0041	Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0042	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	33.13	12.41
21 13 41 00-0043	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	41.54	15.59
21 13 41 00-0044	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	52.25	19.46
21 13 41 00-0045	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	58.74	21.53
21 13 41 00-0046	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	68.15	24.00
21 13 41 00-0047	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping.....	86.03	27.29

21 13 41 00-0048	Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0049	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	11.28	4.14
21 13 41 00-0050	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	15.12	5.56
21 13 41 00-0051	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	20.01	7.31
21 13 41 00-0052	EA 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	22.72	8.08
21 13 41 00-0053	EA 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	25.94	8.99
21 13 41 00-0054	EA 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	30.87	10.22

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 13 41 00-0055	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping.....	37.12	12.09
21 13 41 00-0056		Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0057	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	5.74	2.07
21 13 41 00-0058	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	9.14	3.36
21 13 41 00-0059	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	10.41	3.62
21 13 41 00-0060	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	11.87	4.01
21 13 41 00-0061	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	13.93	4.53
21 13 41 00-0062	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	16.68	5.11
21 13 41 00-0063	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	21.41	6.07
21 13 41 00-0064		Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0065	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	16.06	6.15
21 13 41 00-0066	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	21.23	8.02
21 13 41 00-0067	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	23.47	8.86
21 13 41 00-0068	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	26.65	9.90
21 13 41 00-0069	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	31.42	11.25
21 13 41 00-0070	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping.....	38.18	13.32
21 13 41 00-0071		Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0072	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	13.81	4.53
21 13 41 00-0073	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	17.91	6.15
21 13 41 00-0074		Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0075	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	13.81	4.53
21 13 41 00-0076	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	17.91	6.15
21 13 41 00-0077		Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0078	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	16.24	5.56
21 13 41 00-0079	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	20.70	6.98
21 13 41 00-0080	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	21.40	6.98
21 13 41 00-0081		Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0082	EA	3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	26.72	9.31
21 13 41 00-0083	EA	1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	32.95	11.71
21 13 41 00-0084	EA	1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	42.67	14.61
21 13 41 00-0085	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	48.53	16.17
21 13 41 00-0086	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	56.49	17.98
21 16 Fire-Suppression Pressure Maintenance Pumps (21 10)				
21 16 00 00-0001		Jockey Pumps (21 16)		
		Note: Includes pump and controller.		
21 16 00 00-0002	EA	Jockey Pump And Controller.....	3,948.33	321.04
21 20 Fire-Extinguishing Systems (21)				
21 21 Carbon-Dioxide Fire-Extinguishing Systems (21 20)				
21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment (21 21)				
21 21 16 00-0001		Carbon Dioxide Cylinders (21 21 16)		
21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 LB.....	1,004.70	171.17
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 LB (Each).....	2,009.39	342.33
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket.....	193.53	91.27
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle.....	79.02	31.28
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing.....	23.59	12.69

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

21 22 Clean-Agent Fire-Extinguishing Systems (21 20)

21 22 16 Clean-Agent Fire-Extinguishing Equipment (21 22)

21 22 16 00-0001	EA	Ansul Fire Control Systems (21 22 16)		
21 22 16 00-0002		Sapphire® Fire Suppression Systems (21 22 16 00-0001) Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0003		Cylinders, Sapphire® Fire Suppression Systems (21 22 16 00-0002)		
21 22 16 00-0004	EA	20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635).....	1,194.18	58.36
		Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0005	EA	40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636).....	1,362.16	58.36
		Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0006	EA	80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637).....	1,384.25	58.36
		Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0007	EA	140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638).....	1,965.25	77.80
		Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0008	EA	280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639).....	2,076.30	77.80
		Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0009	EA	390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640).....	2,218.37	97.26
		Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0010	EA	450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641).....	2,353.77	97.26
		Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0011	EA	850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586).....	3,552.55	116.70
		Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0012	LB	Sapphire Agent, Fire Protection Fluid, Factory Filled (Novec 1230)	30.00	116.70
		Note: Add to empty tank cost.		

21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515)	114.03	9.73
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516)	116.89	9.73
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517)	124.06	9.73
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	129.08	9.73
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	136.24	9.73
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520)	157.72	9.73
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602)	114.03	9.73
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603)	116.89	9.73
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604)	124.06	9.73
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	129.08	9.73
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	136.24	9.73
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607)	157.72	9.73

21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System (21 22 16 00-0002)

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	10.25	2.92
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	11.48	2.92
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	15.62	6.81
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	36.89	8.71
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	54.68	8.71
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	66.02	8.71
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	32.80	8.71
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	227.96	77.80
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549)	219.86	58.36
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	494.47	77.80

21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580).....	36.65	9.73
21 22 16 00-0039	EA	Warning Plate for Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581).....	39.89	9.73

21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 22 16 00-0041	EA	Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	112.81	29.17
21 22 16 00-0042	EA	Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	119.26	29.17
21 22 16 00-0043	EA	Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336).....	127.50	29.17

21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 22 16 00-0045	EA	1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566).....	304.88	30.97
21 22 16 00-0046	EA	2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568).....	428.30	53.14

21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 22 16 00-0048	EA	1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539).....	95.50	19.46
21 22 16 00-0049	EA	2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538).....	359.14	19.46
21 22 16 00-0050	EA	3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990).....	302.54	19.46
21 22 16 00-0051	EA	3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,321.92	77.80

21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems (21 22 16 00-0002)

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
21 22 16 00-0053	EA	1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557).....	34.22		13.61
21 22 16 00-0054	EA	2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558).....	61.01		13.61
21 22 16 00-0055	EA	3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471).....	169.91		9.73
21 22 16 00-0056	EA	3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470).....	219.54		9.73
21 22 16 00-0057		Pressure Switches, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0058	EA	Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	125.44		38.90
21 22 16 00-0059	EA	Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	126.53		16.33
21 22 16 00-0060	EA	Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250).....	389.05		68.07
21 22 16 00-0061		Level Indicators, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0062	EA	Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277).....	455.64		13.61
21 22 16 00-0063	EA	Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278)	477.14		13.61
21 22 16 00-0064	EA	Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589).....	511.01		19.46
21 22 16 00-0065		Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0066	EA	Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	34.80		11.67
21 22 16 00-0067	EA	Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642).....	43.63		13.61
21 22 16 00-0068	EA	Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579).....	145.50		58.36
21 22 16 00-0069	EA	1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576).....	170.07		58.36
21 22 16 00-0070	EA	2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592).....	190.49		58.36
21 22 16 00-0071	EA	3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891).....	256.40		58.36
21 22 16 00-0072		Replacement Parts, Sapphire® Fire Suppression Systems (21 22 16 00-0002)			
21 22 16 00-0073	EA	O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	41.43		15.56
21 22 16 00-0074	EA	Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	68.53		9.73
21 22 16 00-0075	EA	Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	92.28		19.46
21 22 16 00-0076	EA	Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	243.01		77.80
21 22 16 00-0077	EA	Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	368.37		77.80
21 22 16 00-0078	EA	1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,247.40		77.80
21 22 16 00-0079		Inergen® Fire Suppression System (21 22 16 00-0001)			
21 22 16 00-0080		Actuation Attachments, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0081	EA	Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082).....	133.84		19.28
21 22 16 00-0082	EA	Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958).....	155.66		20.71
21 22 16 00-0083	EA	Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309).....	278.49		37.50
21 22 16 00-0084	EA	Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876).....	559.87		85.40
21 22 16 00-0085		Check Valves, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0086	EA	2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794).....	1,390.19		135.12
21 22 16 00-0087		Components, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0088	EA	1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378).....	39.76		5.91
21 22 16 00-0089	EA	Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	467.69		63.32
21 22 16 00-0090	EA	30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169).....	1,455.89		198.15
21 22 16 00-0091	EA	60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170).....	1,387.37		201.87
21 22 16 00-0092		Cylinders, Inergen® Fire Suppression System (21 22 16 00-0079)			
Note: Includes CV98 valve. Factory filled with Inergen agent.					
21 22 16 00-0093	EA	200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,213.79		181.35
21 22 16 00-0094	EA	250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,376.89		205.46
21 22 16 00-0095	EA	350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	1,970.73		266.26
21 22 16 00-0096	EA	435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	1,971.85		325.35
21 22 16 00-0097	EA	250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257).....	1,423.96		229.09
21 22 16 00-0098	EA	350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621).....	2,018.14		289.97
21 22 16 00-0099	EA	435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259).....	2,082.24		349.62
21 22 16 00-0100		Inspection/Maintenance Devices, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0101	EA	CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657)	45.82		6.59
21 22 16 00-0102	EA	CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181).....	45.82		6.59
21 22 16 00-0103	EA	CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954).....	55.27		7.33
21 22 16 00-0104	EA	Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923).....	873.04		125.84
21 22 16 00-0105		Multiple Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)			
21 22 16 00-0106	EA	13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502).....	14.71		1.92
Note: For single row 435 cubic foot cylinders.					
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503).....	20.87		2.75
Note: For double row 435 cubic foot cylinders.					
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)			

MINOR		UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI				UNIT COST	UNIT COST
21 22 16 00-0109	EA		Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265).....	16.22	2.15
21 22 16 00-0110	EA		Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266).....	14.99	2.15
21 22 16 00-0111	Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0112	EA		1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	65.15	9.28
21 22 16 00-0113	EA		3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	68.35	9.73
21 22 16 00-0114	EA		1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	79.43	11.24
21 22 16 00-0115	EA		1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	88.53	12.69
21 22 16 00-0116	EA		1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	101.55	14.59
21 22 16 00-0117	Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0118	EA		1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908).....	99.77	14.38
21 22 16 00-0119	EA		3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723).....	103.51	14.80
21 22 16 00-0120	EA		1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362).....	95.49	13.69
21 22 16 00-0121	EA		3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363).....	97.78	14.80
21 22 16 00-0122	EA		1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364).....	113.51	16.27
21 22 16 00-0123	EA		1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365).....	121.36	17.33
21 22 16 00-0124	EA		1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366).....	130.65	18.60
21 22 16 00-0125	EA		2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	224.87	32.55
21 22 16 00-0126	EA		2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	297.33	42.70
21 22 16 00-0127	EA		3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	324.13	46.92
21 22 16 00-0128	EA		1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	116.18	16.90
21 22 16 00-0129	EA		3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	137.06	19.79
21 22 16 00-0130	EA		1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	112.78	16.27
21 22 16 00-0131	EA		3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	120.48	17.25
21 22 16 00-0132	EA		1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	121.53	17.33
21 22 16 00-0133	EA		1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	146.71	21.05
21 22 16 00-0134	EA		1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	158.12	22.83
21 22 16 00-0135	EA		2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144).....	242.72	35.03
21 22 16 00-0136	EA		2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145).....	283.40	41.01
21 22 16 00-0137	EA		3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146).....	310.54	44.81
21 22 16 00-0138	Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0139	EA		1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	130.65	18.60
21 22 16 00-0140	EA		3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	160.29	23.17
21 22 16 00-0141	EA		1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679).....	172.40	24.94
21 22 16 00-0142	EA		1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680).....	242.72	35.03
21 22 16 00-0143	EA		1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681).....	265.21	38.38
21 22 16 00-0144	EA		2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682).....	311.59	44.81
21 22 16 00-0145	EA		2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057).....	362.28	52.54
21 22 16 00-0146	EA		3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	428.31	62.15
21 22 16 00-0147	EA		2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823).....	553.96	80.66
21 22 16 00-0148	EA		3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	738.48	107.38
21 22 16 00-0149	EA		4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825).....	842.35	122.43
21 22 16 00-0150	EA		2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	533.96	77.49
21 22 16 00-0151	EA		3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848).....	589.65	85.63
21 22 16 00-0152	EA		4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849).....	842.35	122.43
21 22 16 00-0153	EA		2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853).....	550.38	79.90
21 22 16 00-0154	EA		3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	612.84	88.99
21 22 16 00-0155	EA		4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855).....	841.79	130.75
21 22 16 00-0156	Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0157	EA		3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	613.55	93.43
21 22 16 00-0158	Releasing Device Equipment, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0159	EA		12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,006.18	144.95
21 22 16 00-0160	EA		24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,432.33	193.15
21 22 16 00-0161	EA		120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	1,518.56	196.48
21 22 16 00-0162	EA		Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310).....	71.03	9.99
21 22 16 00-0163	EA		LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373).....	84.90	13.23
21 22 16 00-0164	EA		Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	813.42	103.41
21 22 16 00-0165	Replacement Orifice Plates, Inergen® Fire Suppression System (21 22 16 00-0079)				
21 22 16 00-0166	EA		1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095).....	88.96	9.82
21 22 16 00-0167	EA		3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096).....	93.23	10.34
21 22 16 00-0168	EA		1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097).....	97.90	10.51
21 22 16 00-0169	EA		1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098).....	105.04	10.86
21 22 16 00-0170	EA		1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099).....	109.32	11.92
21 22 16 00-0171	EA		2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100).....	109.83	12.88
21 22 16 00-0172	EA		2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984).....	240.93	34.53
21 22 16 00-0173	EA		3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985).....	243.07	34.88
21 22 16 00-0174	EA		4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986).....	311.59	44.70

21 Fire Suppression
21 20 Fire-Extinguishing Systems
21 22 Clean-Agent Fire-Extinguishing Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 22 16 00-0175		Single Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704)	113.51		16.27
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705)	155.62		37.21
		Note: Includes saddle, padding and fasteners.			
21 22 16 00-0178		Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0179	EA	2 1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856)	295.69		24.06
		Note: Includes gasket and fasteners.			
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857)	248.79		35.92
		Note: Includes gasket and fasteners.			
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858)	282.37		40.87
		Note: Includes gasket and fasteners.			
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859)	155.98		22.47
		Note: Includes gasket and fasteners.			
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860)	183.10		26.21
		Note: Includes gasket and fasteners.			
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861)	277.33		40.17
		Note: Includes gasket and fasteners.			
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862)	162.40		23.53
		Note: Includes gasket and fasteners.			
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863)	190.26		27.42
		Note: Includes gasket and fasteners.			
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864)	302.67		43.88
		Note: Includes gasket and fasteners.			
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828)	31.79		1.78
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829)	32.15		1.96
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830)	34.62		2.33
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.			
21 22 16 00-0191		Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>			
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508)	19.88		2.86
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027)	163.52		21.73
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592)	121.98		21.73
		Note: Includes upright, left, right and center.			
21 22 16 00-0195		Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0001)</small>			
21 22 16 00-0196		Accessory Switches, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>			
21 22 16 00-0197	EA	Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495)	128.13		18.75
21 22 16 00-0198	EA	Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494)	145.62		21.39
21 22 16 00-0199	EA	Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497)	185.23		27.17
21 22 16 00-0200	EA	Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496)	199.52		29.27
21 22 16 00-0201	EA	Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499)	249.83		36.80
21 22 16 00-0202	EA	Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498)	265.90		39.09
21 22 16 00-0203	EA	Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956)	509.65		75.37
21 22 16 00-0204	EA	Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490)	41.04		5.61
21 22 16 00-0205		Alarm Devices, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>			
21 22 16 00-0206	EA	Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698)	111.00		16.30
21 22 16 00-0207	EA	Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699)	162.75		23.83
21 22 16 00-0208	EA	Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702)	14.85		2.17
21 22 16 00-0209		Annunciators, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>			
21 22 16 00-0210	EA	80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492)	1,278.92		189.11
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)	1,072.12		158.44
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)	832.28		123.03
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)	724.86		107.09
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)	724.86		107.09
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)	580.67		85.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0216 EA Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)	1,072.12	158.44
21 22 16 00-0217 EA 24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)	218.06	32.07
21 22 16 00-0218 EA 48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)	273.38	40.31
21 22 16 00-0219 EA 8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)	548.19	80.98
21 22 16 00-0220 EA Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)	92.63	13.58
21 22 16 00-0221 EA Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)	125.97	18.75
21 22 16 00-0222 EA Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)	218.07	32.07
21 22 16 00-0223 Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0224 EA CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)	169.50	26.12
21 22 16 00-0225 EA REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)	10.48	1.79
21 22 16 00-0226 EA REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)	73.17	2.17
21 22 16 00-0227 EA REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)	11.34	2.17
21 22 16 00-0228 Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0229 EA Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)	376.80	58.54
21 22 16 00-0230 EA Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)	225.87	34.88
21 22 16 00-0231 Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0232 EA 7 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)	166.41	22.43
21 22 16 00-0233 EA 12 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)	348.04	47.50
21 22 16 00-0234 EA 18 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)	392.77	53.81
21 22 16 00-0235 EA 25 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)	513.22	65.55
21 22 16 00-0236 EA 55 Amp Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)	827.62	113.75
21 22 16 00-0237 EA BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)	123.86	18.05
21 22 16 00-0238 EA BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079)	221.27	32.60
21 22 16 00-0239 EA BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410)	450.05	66.43
21 22 16 00-0240 EA Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207)	1,308.37	193.50
21 22 16 00-0241 EA 120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)	956.84	141.44
21 22 16 00-0242 Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0243 EA Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)	100.82	14.98
21 22 16 00-0244 EA Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)	94.20	14.90
21 22 16 00-0245 EA Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)	127.71	21.39
21 22 16 00-0246 EA 2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)	189.52	27.87
21 22 16 00-0247 EA NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)	147.37	22.61
21 22 16 00-0248 EA Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)	138.45	21.73
21 22 16 00-0249 EA Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)	22.06	3.47
21 22 16 00-0250 EA Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)	81.37	12.26
21 22 16 00-0251 EA Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)	81.38	11.92
21 22 16 00-0252 EA HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067)	29.07	9.82
21 22 16 00-0253 EA Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138)	7.49	1.09
21 22 16 00-0254 EA Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945)	78.33	11.48
21 22 16 00-0255 EA EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699)	45.88	6.77
21 22 16 00-0256 EA XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078)	124.20	17.87
21 22 16 00-0257 EA BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080)	64.96	9.46

21	21	Fire Suppression
	21 20	Fire-Extinguishing Systems
	21 22	Clean-Agent Fire-Extinguishing Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21	22	16	00-0258	Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
			21 22 16 00-0259	EA Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansl 428661)	18.70	2.54
			21 22 16 00-0260	EA Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansl 418336)	11.59	1.40
21	22	16	00-0261	Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
			21 22 16 00-0262	EA Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansl 417470)	162.75	23.83
				Note: Includes municipal box and remote station connection.		
			21 22 16 00-0263	EA Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansl 417471)	489.40	68.53
			21 22 16 00-0264	EA Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansl 419411)	934.36	138.11
			21 22 16 00-0265	EA Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansl 419635)	24.92	3.57
21	22	16	00-0266	Vesda® Aspirating Smoke Detection System (21 22 16 00-0001)		
21	22	16	00-0267	Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
			21 22 16 00-0268	EA Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansl 430482)	126.63	16.83
			21 22 16 00-0269	EA Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansl 430379)	306.68	25.36
			21 22 16 00-0270	EA 120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansl 430374)	704.31	98.15
			21 22 16 00-0271	EA 220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansl 430375)	704.31	98.15
			21 22 16 00-0272	EA 120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansl 430376)	1,058.22	147.22
				Note: Includes housing and battery cab.		
			21 22 16 00-0273	EA 220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansl 430377)	1,058.22	147.22
				Note: Includes housing and battery cab.		
			21 22 16 00-0274	EA 48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansl 430378)	1,545.91	187.54
21	22	16	00-0275	Blank Plates, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
			21 22 16 00-0276	EA Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansl 430459)	22.72	3.15
			21 22 16 00-0277	EA Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansl 430458)	34.25	3.15
			21 22 16 00-0278	EA Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansl 430484)	49.72	5.96
			21 22 16 00-0279	EA Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansl 430446)	77.43	6.66
			21 22 16 00-0280	EA Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansl 430447)	97.37	13.32
			21 22 16 00-0281	EA Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansl 430480)	180.37	16.83
21	22	16	00-0282	Detectors, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
			21 22 16 00-0283	EA LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansl 430350)	5,319.13	823.76
				Note: Includes 3 blank plates.		
			21 22 16 00-0284	EA LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansl 430354)	6,786.61	1,016.55
				Note: Includes centrally mounted LCD programmer module and standard display.		
			21 22 16 00-0285	EA LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansl 430356)	6,136.65	928.92
				Note: Includes centrally mounted LCD programmer.		
			21 22 16 00-0286	EA 7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansl 430357)	8,532.87	1,226.87
			21 22 16 00-0287	EA 12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansl 430358)	8,983.67	1,296.98
			21 22 16 00-0288	EA 7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansl 430359)	8,626.77	1,244.40
				Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
			21 22 16 00-0289	EA 12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansl 430360)	9,110.93	1,314.51
				Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
			21 22 16 00-0290	EA 7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansl 430361)	9,371.28	1,367.08
				Note: Includes 2 blank plates and scan display module at far right.		
			21 22 16 00-0291	EA 12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansl 430363)	9,777.91	1,437.19
				Note: Includes 2 blank plates and scanner display.		
			21 22 16 00-0292	EA 7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansl 430365)	10,277.45	1,507.30
				Note: Includes centrally mounted programmer module.		
			21 22 16 00-0293	EA 12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansl 430367)	10,716.32	1,577.40
				Note: Includes centrally mounted LCD programmer module and scanner display module.		
			21 22 16 00-0294	EA 12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansl 430369)	10,071.17	1,437.19
				Note: Includes centrally mounted LCD programmer.		
21	22	16	00-0295	Displays, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
			21 22 16 00-0296	EA VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansl 430381)	1,617.93	192.79
				Note: Includes a remote termination card and 7 relays.		
			21 22 16 00-0297	EA VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansl 430385)	1,625.82	192.79
				Note: Includes a remote termination card and 7 relays.		
			21 22 16 00-0298	EA VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansl 430383)	1,465.25	175.26
				Note: Includes a remote termination card without relays.		
			21 22 16 00-0299	EA VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansl 430387)	1,474.41	175.26
				Note: Includes a remote termination card.		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389).....	1,822.44	210.32
Note: Includes a remote termination card and 12 relays.				
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	1,548.73	182.28
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	1,695.33	204.72
21 22 16 00-0303		Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370).....	4,069.21	578.38
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372).....	3,351.20	462.71
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380).....	1,184.95	175.26
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395).....	852.96	113.92
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399).....	1,188.35	153.53
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442).....	1,440.99	189.29
Note: Interface connects PC and LaserPLUS system.				
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443).....	224.15	28.40
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444).....	1,498.76	175.26
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460).....	1,070.68	145.47
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463).....	840.87	112.17
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461).....	1,072.40	145.47
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464).....	1,070.68	145.47
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487).....	1,058.62	136.71
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466).....	126.07	12.26
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467).....	5,114.97	673.02
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470).....	8,912.93	1,177.80
21 22 16 00-0320	EA	Detector Cover Assembly With EMC Shields, VSP-013, Vesda® Aspirating Smoke Detection System (Ansul 430473).....	106.16	52.58
21 22 16 00-0321	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475).....	696.45	87.63
21 22 16 00-0322	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477).....	15.84	1.75
21 22 16 00-0323	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	8.93	0.35
21 22 16 00-0324	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481).....	383.69	50.83
21 22 16 00-0325	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	464.86	61.69
21 22 16 00-0326	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486).....	671.05	89.38
21 22 16 00-0327	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	98.87	13.32
21 22 16 00-0328	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	15.45	2.80
21 22 16 00-0329		Labels And Decals, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0330	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	14.04	2.10
21 22 16 00-0331	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	14.74	2.46
21 22 16 00-0332	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	22.72	3.15
21 22 16 00-0333	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	22.75	3.15
21 22 16 00-0334	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	82.47	11.92
21 22 16 00-0335		Mounting Hardware, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0336	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456).....	203.57	25.24
21 22 16 00-0337	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472).....	274.29	33.65
21 22 16 00-0338	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471).....	280.66	36.80
21 22 16 00-0339	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457).....	682.04	52.58
21 22 16 00-0340	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445).....	1,004.46	115.67
21 22 16 00-0341		Pipe And Fittings, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0342	LF	3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491).....	85.28	41.72
21 22 16 00-0343	EA	3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497).....	10.08	4.56
21 22 16 00-0344	EA	3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494).....	13.56	6.34
21 22 16 00-0345	EA	3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493).....	14.21	6.34
21 22 16 00-0346	EA	3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495).....	14.16	6.34
21 22 16 00-0347	EA	3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496).....	18.98	7.53
21 22 16 00-0348	EA	3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498).....	23.16	10.57
21 22 16 00-0349	EA	3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499).....	25.97	10.57
21 22 16 00-0350	LF	1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500).....	3.70	1.27
21 22 16 00-0351	EA	Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479).....	14.75	3.86

21	Fire Suppression
21 20	Fire-Extinguishing Systems
21 22	Clean-Agent Fire-Extinguishing Systems

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 22 16 00-0352	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	17.97	2.80
21 22 16 00-0353	EA	Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	25.76	3.86
21 22 16 00-0354	Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System			
		<small>(21 22 16 00-0266)</small>		
21 22 16 00-0355	EA	VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396)	1,175.06	134.60
		Note: Remote box includes 7 relays for VLP/VLC.		
21 22 16 00-0356	EA	VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,198.20	154.93
21 22 16 00-0357	EA	12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	725.27	94.64
21 22 16 00-0358	EA	RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	828.69	106.91
21 22 16 00-0359	EA	VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397)	1,175.06	134.60
		Note: Remote box includes 7 relays for VLS.		
21 22 16 00-0360	EA	VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398)	1,417.80	154.93
		Note: Remote box includes 12 relays for VLS.		
21 22 16 00-0361	EA	Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	402.28	47.68
21 22 16 00-0362	EA	Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	605.09	72.91
21 22 16 00-0363	EA	7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,139.95	150.73
21 22 16 00-0364	EA	12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	1,672.32	220.84
21 22 16 00-0365	Preferred® Low Pressure CO2 System			
		<small>(21 22 16 00-0001)</small>		
21 22 16 00-0366	Manual Pull Stations, Preferred® Low Pressure CO2 System			
		<small>(21 22 16 00-0365)</small>		
21 22 16 00-0367	EA	Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658)	90.29	12.26
		Note: Excludes FMM-101.		
21 22 16 00-0368	EA	Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	67.54	9.11
21 22 16 00-0369	Industrial Fire Control System			
		<small>(21 22 16 00-0001)</small>		
21 22 16 00-0370	Alarm Devices, Industrial Fire Control System			
		<small>(21 22 16 00-0369)</small>		
21 22 16 00-0371	EA	Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,185.96	323.37
21 22 16 00-0372	EA	6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	66.80	7.43
21 22 16 00-0373	EA	24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	66.03	9.64
21 22 16 00-0374	EA	Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	39.33	5.78
21 22 16 00-0375	EA	Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	16.07	2.35
21 22 16 00-0376	Manual Pull Stations, Industrial Fire Control System			
		<small>(21 22 16 00-0369)</small>		
21 22 16 00-0377	EA	SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	74.61	10.17
21 22 16 00-0378	EA	DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	105.20	14.37
21 22 16 00-0379	EA	Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	821.28	112.88
21 22 16 00-0380	EA	Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	23.88	3.26
21 22 16 00-0381	EA	Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	10.71	1.45
21 22 16 00-0382	Marine Fire Control System			
		<small>(21 22 16 00-0001)</small>		
21 22 16 00-0383	Alarm Devices, Marine Fire Control System			
		<small>(21 22 16 00-0382)</small>		
21 22 16 00-0384	EA	Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	43.27	5.89
21 22 16 00-0385	EA	6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	79.75	11.39
21 22 16 00-0386	EA	10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	79.75	11.39
21 22 16 00-0387	FM200 System Equipment			
		<small>(21 22 16)</small>		
21 22 16 00-0388	EA	26 LB Cylinder, Filled, For FM200 Fire Protection system	2,280.15	84.55
21 22 16 00-0389	EA	44 LB Cylinder, Filled, For FM200 Fire Protection system	3,264.23	96.81
21 22 16 00-0390	EA	63 LB Cylinder, Filled, For FM200 Fire Protection system	3,874.64	114.14
21 22 16 00-0391	EA	101 LB Cylinder, Filled, For FM200 Fire Protection system	5,132.36	135.28
21 22 16 00-0392	EA	196 LB Cylinder, Filled, For FM200 Fire Protection system	8,014.75	169.10
21 22 16 00-0393	EA	Electro/Mechanical Release, For FM200 Fire Protection system	491.74	169.10
21 22 16 00-0394	EA	Manual Pull Station, For FM200 Fire Protection system	170.00	56.23
21 22 16 00-0395	EA	Pneumatic Damper Release, For FM200 Fire Protection system	193.30	42.28
21 22 16 00-0396	LB	FM200 Gas	14.83	
21 22 16 00-0397	EA	Master Cylinder, For FM200 Fire Protection system	3,703.95	45.49
21 22 16 00-0398	EA	Shuttle Check Valve, For FM200 Fire Protection system	459.31	63.59
21 22 16 00-0399	EA	Flex Head Cylinder, For FM200 Fire Protection system	460.38	68.15
21 22 16 00-0400	EA	Nozzles, For FM200 Fire Protection system	118.57	24.10
21 22 16 00-0401	EA	Cylinder Support, For FM200 Fire Protection system	148.33	45.49
21 22 16 00-0402	EA	Solenoid Valve, For FM200 Fire Protection system	585.47	68.15
21 22 16 00-0403	EA	Battery Back-Up, For FM200 Fire Protection system	511.24	179.75
21 22 16 00-0404	EA	Control Panel, Single Zone, For FM200 Fire Protection system	2,754.40	337.70
21 22 16 00-0405	EA	Control Panel, Multi Zone, For FM200 Fire Protection system	4,487.00	676.16
21 22 16 00-0406	EA	Smoke Or Heat Detector, For FM200 Fire Protection system	210.39	68.15
21 22 16 00-0407	EA	Annunciator, For FM200 Fire Protection system	2,227.40	255.94
21 22 16 00-0408	EA	Pressure Switch, For FM200 Fire Protection system	225.14	68.15
21 22 16 00-0409	EA	Alarm Horn, For FM200 Fire Protection system	208.96	68.15
21 22 16 00-0410	EA	Testing, For FM200 Fire Protection system	1,019.33	

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

21 22 16 00-0411	EA	Abort Switch, For FM200 Fire Protection system.....	136.00	31.71
------------------	----	---	--------	-------

21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)

21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)

21 23 16 00-0001		Kidde Fire Systems (21 23 16) Note: Kidde or equal.		
------------------	--	---	--	--

21 23 16 00-0002		Cylinders And Hardware (21 23 16 00-0001)		
21 23 16 00-0003	EA	125 Cylinder And Valve Assembly With 1.25 Gallon Of Wet Agent.....	511.86	70.03
21 23 16 00-0004	EA	260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent.....	592.37	87.22
21 23 16 00-0005	EA	400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent.....	726.37	107.60
21 23 16 00-0006	EA	600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent.....	858.12	127.68
21 23 16 00-0007	EA	Discharge Adapter Kit (One Required Per Cylinder).....	28.52	3.66
21 23 16 00-0008	EA	System Valve Actuator.....	103.36	14.55
21 23 16 00-0009	EA	Vent Plug.....	19.52	2.96
21 23 16 00-0010	EA	Gauge Shield.....	51.71	7.78
21 23 16 00-0011	EA	125 Cylinder Wall Mounting Bracket.....	53.44	7.78
21 23 16 00-0012	EA	260 Cylinder Wall Mounting Bracket.....	56.65	8.25
21 23 16 00-0013	EA	400S And M Cylinder Wall Mounting Bracket.....	107.60	15.56
21 23 16 00-0014	EA	600 And 400M Cylinder Shelf Bracket.....	107.25	17.66
21 23 16 00-0015	EA	600 And 400M Cylinder Floor Mounting Kit.....	150.04	17.70
21 23 16 00-0016	EA	125 And 260 Cylinder Replacement Bracket Strap.....	21.21	
21 23 16 00-0017	EA	400 And 600 Cylinder Replacement Bracket Strap.....	22.24	

21 23 16 00-0018		Nozzles And Accessories (21 23 16 00-0001)		
21 23 16 00-0019	EA	ADP, F, GRW Or R Nozzle.....	48.01	7.16
21 23 16 00-0020	EA	LPF Or DM Nozzle.....	51.80	7.16
21 23 16 00-0021	EA	LPR Nozzle.....	59.60	7.16
21 23 16 00-0022	EA	3/8" Swivel Adapter For Nozzles.....	35.83	5.06
21 23 16 00-0023	EA	Replacement Nozzle Seals.....	5.66	
21 23 16 00-0024	EA	Chrome Nozzle Disc Cap.....	3.49	0.46
21 23 16 00-0025	EA	LPR Nozzle Disc Cap.....	22.50	7.12

21 23 16 00-0026		Control Systems (21 23 16 00-0001)		
21 23 16 00-0027	EA	XV Control System..... Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	621.12	46.68
21 23 16 00-0028	EA	7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	54.81	7.78
21 23 16 00-0029	EA	24" High Pressure Hose.....	64.10	7.78
21 23 16 00-0030	EA	60" High Pressure Hose.....	84.76	7.78
21 23 16 00-0031	EA	XV Solenoid Kit (Electric Actuator), 24 VDC.....	125.10	15.56
21 23 16 00-0032	EA	XV Microswitch Kit, SPDT.....	42.52	7.31
21 23 16 00-0033	EA	XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release.....	45.61	7.31
21 23 16 00-0034	EA	EMT Connector Kit (EMT Connector & O-Ring).....	19.93	5.83
21 23 16 00-0035	EA	KRS-50 Control Box Assembly..... Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.	351.55	30.15
21 23 16 00-0036	EA	SPDT Microswitch For KRS-50.....	50.20	7.31
21 23 16 00-0037	EA	DPDT Microswitch For KRS-50.....	90.51	12.68
21 23 16 00-0038	EA	SPDT Pressure Switch (Fire Department Tie-In).....	278.95	40.69

21 23 16 00-0039		Mechanical Actuation Components (21 23 16 00-0001)		
21 23 16 00-0040	EA	Universal Detector Link Housing Kit, Mechanical Actuation Systems..... Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	36.21	11.67
21 23 16 00-0041	EA	XV Low Profile Link Detector Housing Kit..... Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	50.19	11.67
21 23 16 00-0042	EA	XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	122.97	7.78
21 23 16 00-0043	EA	XV Remote Manual Release, Pull-To-Trip.....	95.09	7.78
21 23 16 00-0044	EA	Corner Pulley, Mechanical Actuation Systems.....	14.04	2.10
21 23 16 00-0045	EA	Double Tee Pulley, Mechanical Actuation Systems.....	183.88	12.84
21 23 16 00-0046	EA	In-Line Tee Pulley, Mechanical Actuation Systems.....	23.46	3.42
21 23 16 00-0047	EA	Corner Pulley / Quik-Seal Adapter Combination.....	50.12	3.89
21 23 16 00-0048	LF	1/16" Cable, Mechanical Actuation Systems.....	1.79	0.78
21 23 16 00-0049	EA	Cable Clamp.....	6.98	0.39
21 23 16 00-0050	EA	Cable Crimp Sleeve, Mechanical Actuation Systems.....	1.03	0.31
21 23 16 00-0051	EA	"S" Hook, Mechanical Actuation Systems.....	1.00	0.31
21 23 16 00-0052	EA	1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	50.03	7.24

21 23 16 00-0053		Mechanical Detection Links (21 23 16 00-0001)		
21 23 16 00-0054	EA	KGS Standard Response Link.....	12.17	3.89
21 23 16 00-0055	EA	KGS Rapid Response Link.....	16.56	3.89
21 23 16 00-0056	EA	KFA Type "A" Fusible Link.....	14.59	3.89
21 23 16 00-0057	EA	KML Type "ML" Fusible Link.....	15.01	3.89
21 23 16 00-0058	EA	500 Degree, KML Type "ML" Fusible Link.....	21.21	3.89

21 23 16 00-0059		Gas Valves (21 23 16 00-0001)		
21 23 16 00-0060	EA	3/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	216.08	16.81

21	21 Fire Suppression
	21 20 Fire-Extinguishing Systems
	21 23 Wet-Chemical Fire-Extinguishing Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

21 23 16 00-0061	EA	1" NPT Mechanical Cable Operated Gas Shut-off Valve	236.77	20.69
21 23 16 00-0062	EA	1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve	273.44	26.14
21 23 16 00-0063	EA	1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	300.95	30.11
21 23 16 00-0064	EA	2" NPT Mechanical Cable Operated Gas Shut-off Valve	327.02	35.56
21 23 16 00-0065	EA	2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve	537.78	51.97
21 23 16 00-0066	EA	3" NPT Mechanical Cable Operated Gas Shut-off Valve	601.89	60.14
21 23 16 00-0067	EA	Pneumatic Release (Single Unit)	245.36	18.98
21 23 16 00-0068	EA	Replacement Cable Block And Set Screw Assembly For Gas Valve.....	30.50	3.89
21 23 16 00-0069	EA	1/2" Electric Solenoid Gas Shut-off Valve	224.34	15.64
21 23 16 00-0070	EA	3/4" Electric Solenoid Gas Shut-off Valve	226.68	16.81
21 23 16 00-0071	EA	1" Electric Solenoid Gas Shut-off Valve	346.56	20.69
21 23 16 00-0072	EA	1-1/4" Electric Solenoid Gas Shut-off Valve	369.61	26.14
21 23 16 00-0073	EA	1-1/2" Electric Solenoid Gas Shut-off Valve	424.37	30.11
21 23 16 00-0074	EA	2" Electric Solenoid Gas Shut-off Valve	543.58	35.56
21 23 16 00-0075	EA	2-1/2" Electric Solenoid Gas Shut-off Valve	894.42	51.97
21 23 16 00-0076	EA	3" Electric Solenoid Gas Shut-off Valve	1,120.57	60.14
21 23 16 00-0077	EA	Manual Reset Relay.....	341.92	78.19
21 23 16 00-0078 Liquid Tight Sealing Adapters (21 23 16 00-0001)				
21 23 16 00-0079	EA	Compression Seal Adapter - 3/8" Tubing.....	25.46	3.26
21 23 16 00-0080	EA	Compression Seal Adapter - 1/2" Tubing / 1/4" Pipe	25.28	3.57
21 23 16 00-0081	EA	Compression Seal Adapter - 5/8" Tubing / 3/8" Pipe	29.74	4.28
21 23 16 00-0082	EA	Compression Seal Adapter - 3/4" Tubing / 1/2" Pipe	34.10	4.59
21 23 16 00-0083	EA	Compression Seal Adapter - 1/2" Electrical Metallic Tubing (EMT)	29.74	4.28
21 23 16 00-0084	EA	Quik-Seal Adapter - 3/8" NPT Female	25.28	3.57
21 23 16 00-0085	EA	Quik-Seal Adapter - 1/2" NPT Female	25.28	3.57
21 23 16 00-0086	EA	Quik-Seal Adapter - 3/4" NPT Female	41.64	6.07
21 23 16 00-0087	EA	Quik-Seal Adapter - 1" NPT Female	55.41	8.02
21 23 16 00-0088	EA	Quik-Patch For Hole Patching Up To 1-1/8" Diameter	25.28	3.57
21 23 16 00-0089 Pressure Operated Releasing Systems (21 23 16 00-0001)				
21 23 16 00-0090	EA	KRS-100 Nitrogen Cylinder.....	182.51	23.49
21 23 16 00-0091	EA	KRS-100 Actuator Assembly	165.28	23.97
21 23 16 00-0092	EA	KRS-100 Mounting Bracket	122.30	5.91
21 23 16 00-0093	EA	KRS-700S Nitrogen Cylinder	473.97	67.77
21 23 16 00-0094	EA	KRS-700 Mounting Bracket	100.93	14.47
21 23 16 00-0095	EA	KRS-700S Discharge Adapter Kit.....	148.51	14.47
21 23 16 00-0096	EA	Check Valve, Pressure Operated Releasing Systems	144.69	10.27
21 23 16 00-0097	EA	Vent Check, Pressure Operated Releasing Systems.....	46.46	6.54
21 23 16 00-0098	EA	Replacement Receiver Gasket For KRS-100 Actuator Assembly	6.06	
21 23 16 00-0099	EA	3 Pole, Double Throw Pressure Switch.....	380.01	54.46
21 23 16 00-0100 Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)				
21 23 16 00-0101 Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0102	EA	3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194)	483.28	55.24
21 23 16 00-0103	EA	4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193)	696.17	79.59
21 23 16 00-0104	EA	6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196)	916.54	108.85
21 23 16 00-0105	EA	Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053)	99.92	12.99
21 23 16 00-0106	EA	Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208)	657.65	84.96
21 23 16 00-0107	EA	Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	401.53	51.82
21 23 16 00-0108 Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0109	EA	165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522).....	12.97	1.71
21 23 16 00-0110	EA	212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	12.97	1.71
21 23 16 00-0111	EA	280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	13.26	1.71
21 23 16 00-0112	EA	360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	12.97	1.71
21 23 16 00-0113	EA	450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	12.97	1.71
21 23 16 00-0114	EA	500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	14.02	1.71
21 23 16 00-0115	EA	Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131)	22.46	2.88
21 23 16 00-0116	EA	Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132)	29.17	3.82
21 23 16 00-0117	EA	Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876)	43.83	19.69
21 23 16 00-0118	EA	225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6)	284.60	43.80
21 23 16 00-0119 Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)				
21 23 16 00-0120	EA	3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593)	227.03	16.81
21 23 16 00-0121	EA	1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594)	259.44	20.69
21 23 16 00-0122	EA	1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595)	282.09	26.14
21 23 16 00-0123	EA	1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596)	311.00	30.03
21 23 16 00-0124	EA	2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049)	358.26	35.48
21 23 16 00-0125	EA	2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185)	817.86	51.89
21 23 16 00-0126	EA	3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186)	875.26	60.07
21 23 16 00-0127	EA	3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	180.11	16.81
21 23 16 00-0128	EA	1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359).....	302.83	20.69
21 23 16 00-0129	EA	1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360)	318.44	26.14
21 23 16 00-0130	EA	1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361)	362.59	30.03
21 23 16 00-0131	EA	2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362).....	498.98	35.48
21 23 16 00-0132	EA	2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363)	956.22	51.89
21 23 16 00-0133	EA	3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643).....	1,011.29	60.07

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

21 23 16 00-0134 Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0135 EA Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	46.36	5.76
21 23 16 00-0136 EA Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	65.36	7.31
21 23 16 00-0137 EA Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem)	241.20	7.31
21 23 16 00-0138 Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0139 EA Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	17.17	2.26
21 23 16 00-0140 EA PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104)	562.44	73.06
21 23 16 00-0141 EA PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690)	716.87	93.44
21 23 16 00-0142 Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0143 EA 24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303)	367.70	47.85
21 23 16 00-0144 EA 120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302)	443.64	57.65
21 23 16 00-0145 Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0146 EA Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	405.67	52.75
21 23 16 00-0147 EA Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200)	423.48	55.16
21 23 16 00-0148 EA 24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201)	551.54	71.74
21 23 16 00-0149 EA 120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202)	632.80	82.47
21 23 16 00-0150 EA Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	51.40	6.69
21 23 16 00-0151 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0152 EA Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	12.56	1.09
21 23 16 00-0153 EA Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250)	13.05	1.40
21 23 16 00-0154 EA Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	41.20	5.37
21 23 16 00-0155 EA Replacement Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	0.55	
21 23 16 00-0156 Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0157 EA SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	44.80	5.83
21 23 16 00-0158 EA DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237)	89.73	11.59
21 23 16 00-0159 EA Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978)	189.89	24.58
21 23 16 00-0160 Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0161 LF 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821)	0.96	0.23
21 23 16 00-0162 EA Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122)	0.62	0.23
21 23 16 00-0163 EA High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	2.22	0.31
21 23 16 00-0164 EA "S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.43	
21 23 16 00-0165 Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0166 EA Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698)	42.61	5.60
21 23 16 00-0167 EA Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831)	44.46	5.83
21 23 16 00-0168 EA Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705)	5.20	0.70
21 23 16 00-0169 EA 225 psi, Wet Gage, Kitchen Fire Suppression Systems (Pyro-Chem 551236)	60.95	7.62
21 23 16 00-0170 EA Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	8.57	1.09
21 23 16 00-0171 EA Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707)	11.93	1.56
21 23 16 00-0172 EA Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715)	5.20	0.70
21 23 16 00-0173 EA Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	7.34	0.94
21 23 16 00-0174 EA Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	7.17	0.94
21 23 16 00-0175 EA Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	2.04	0.23
21 23 16 00-0176 EA Replacement Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	3.48	
21 23 16 00-0177 EA O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063)	66.45	
21 23 16 00-0178 EA 3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024)	448.31	
21 23 16 00-0179 EA 4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902)	584.10	
21 23 16 00-0180 EA 6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901)	675.68	
21 23 16 00-0181 Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0182 EA 3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857)	20.84	2.65
21 23 16 00-0183 EA 1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859)	21.59	2.80
21 23 16 00-0184 EA Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788)	41.56	5.37
21 23 16 00-0185 EA Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	58.83	
21 23 16 00-0186 EA 3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	126.43	
21 23 16 00-0187 Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0188 EA Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074)	84.04	10.97
21 23 16 00-0189 EA Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166)	91.82	15.41
21 23 16 00-0190 EA Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088)	22.46	2.88
21 23 16 00-0191 EA Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661)	3.31	1.01

21 Fire Suppression
21 20 Fire-Extinguishing Systems
 21 23 Wet-Chemical Fire-Extinguishing Systems



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

21 23 16 00-0192 Asco Gas Valve Control Panels <small>(21 23 16)</small>				
21 23 16 00-0193	EA	Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	1,364.00	171.17
21 23 16 00-0194	EA	Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	1,406.41	171.17
21 23 16 00-0195	EA	Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	448.82	38.90
21 23 16 00-0196	EA	Emergency Stop Station For Relay Control Panel (Asco 173A19).....	421.11	38.90

21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)

21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)

21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems <small>(21 24 16)</small>				
Note: Amerex or equal.				
21 24 16 00-0002	EA	Agent Cylinder Assembly 3.75 Gallon (With Discharge Valve) Charged.....	330.43	60.38
21 24 16 00-0003	EA	Agent Cylinder Assembly 6 Gallon (With Discharge Valve) Charged.....	455.12	76.15
21 24 16 00-0004	EA	Recharge - KP Liquid Agent (3.75 Gallon).....	108.08	
21 24 16 00-0005	EA	Recharge - KP Liquid Agent (6 Gallon).....	190.00	
21 24 16 00-0006	EA	Bracket Assembly Agent Cylinder 3.75 Gallon (With Distribution Hose Assembly And Distribution Outlet).....	75.65	12.68
21 24 16 00-0007	EA	Bracket Assembly Agent Cylinder 6 Gallon.....	44.07	7.36
21 24 16 00-0008	EA	Discharge Adapter Kit 3/4 NPT - Agent Cylinder 6 Gallon.....	19.11	
21 24 16 00-0009	EA	Pneumatic Actuator - Agent Cylinder 6 Gallon.....	75.65	12.68
21 24 16 00-0010	EA	Actuator - MRM (Less N2 Cylinder And Enclosure).....	190.00	31.78
21 24 16 00-0011	EA	Enclosure - MRM, Painted Steel.....	101.26	16.90
21 24 16 00-0012	EA	Enclosure - MRM, Stainless Steel.....	120.95	16.90
21 24 16 00-0013	EA	Cabinet, Stainless Steel (Single Cylinder System).....	301.51	50.46
21 24 16 00-0014	EA	Actuation Hose - (N2 - 1/4" x 16').....	22.75	3.80
21 24 16 00-0015	EA	Cylinder, Nitrogen - 10 CU. In. (Use For 1-10 Agent Cylinders).....	101.26	16.90
21 24 16 00-0016	EA	Vent Check.....	18.21	3.04
21 24 16 00-0017	EA	Detector.....	13.66	2.28
Note: Includes bracket, linkage and conduit fittings.				
21 24 16 00-0018	EA	Fusible Link - 280 To 450 Degree F.....	5.12	0.85
21 24 16 00-0019	EA	Test Link.....	2.05	
21 24 16 00-0020	EA	Corner Pulley.....	7.05	1.19
21 24 16 00-0021	EA	Cable, 1/16" - 500 Foot Spool.....	113.77	19.01
21 24 16 00-0022	EA	Pulley Tee.....	51.19	8.54
21 24 16 00-0023	EA	Manual Pull Station (Standard).....	45.51	7.61
21 24 16 00-0024	EA	Adapter Kit - Manual Pull Station (Recess Standard Pull Station).....	21.36	3.55
21 24 16 00-0025	EA	Manual Pull Station (Oversized).....	50.74	8.45
21 24 16 00-0026	EA	Conduit Offset.....	10.12	1.69
21 24 16 00-0027	EA	Seal - 3/8" Pipe Thread (Quick-Seal).....	13.96	2.37
21 24 16 00-0028	EA	Seal - 1/2" Pipe Thread (Quick-Seal).....	11.37	1.94
21 24 16 00-0029	EA	3/8" Pipe Compression Seal.....	19.00	3.21
21 24 16 00-0030	EA	1/2" Pipe Compression Seal.....	19.00	3.21
21 24 16 00-0031	EA	Cap, Nozzle Blow-Off (Standard).....	6.27	2.19
21 24 16 00-0032	EA	Cap, Nozzle Blow-Off (High Temperature).....	12.71	2.19
21 24 16 00-0033	EA	Nozzle - Fryer, Griddle - 2 Flow Points Each.....	22.75	3.80
21 24 16 00-0034	EA	Nozzle - Appliance, Plenum - 1 Flow Points Each.....	22.75	3.80
21 24 16 00-0035	EA	Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each.....	22.75	3.80
21 24 16 00-0036	EA	Nozzle - Upright Charbroiler - 1/2 Flow Points Each.....	22.75	3.80
21 24 16 00-0037	EA	Nozzle - Duct (Only) - 2 Flow Points Each.....	22.75	3.80
21 24 16 00-0038	EA	Nozzle - Four Burner Range - 2 Flow Points Each.....	32.73	5.50
21 24 16 00-0039	EA	Gas Valve - Mechanical - 3/4" Or 1".....	175.79	22.40
21 24 16 00-0040	EA	Gas Valve - Mechanical - 1-1/4" Or 1-1/2".....	211.22	32.54
21 24 16 00-0041	EA	Gas Valve - Mechanical - 2".....	261.68	38.46
21 24 16 00-0042	EA	Manual Reset Relay (Required With Every Electric Gas Valve).....	286.71	47.92
21 24 16 00-0043	EA	SPDT Microswitch With 18" Leads.....	15.09	2.54
21 24 16 00-0044	EA	Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve.....	24.34	4.06
21 24 16 00-0045	EA	Gas Valve Trip Assembly.....	51.19	8.54

21 24 16 00-0046 Range Guard Fire Suppression Systems (21 24 16)

Note: Range Guard or equal.				
21 24 16 00-0047	EA	1-1/4 Gallon Charged Cylinder With Valve.....	351.62	65.27
21 24 16 00-0048	EA	2-1/2 Gallon Charged Cylinder With Valve.....	438.91	81.46
21 24 16 00-0049	EA	4 Gallon Charged Cylinder With Valve.....	541.87	100.60
21 24 16 00-0050	EA	6 Gallon Charged Cylinder With Valve.....	643.61	119.43
21 24 16 00-0051	EA	Vent Plug.....	14.78	2.72
21 24 16 00-0052	EA	Discharge Adapter Kit.....	19.02	
21 24 16 00-0053	EA	1-1/4 Gallon Wall Bracket.....	39.13	7.24
21 24 16 00-0054	EA	2-1/2 Gallon Wall Bracket.....	41.43	7.70
21 24 16 00-0055	EA	4 Gallon Wall Bracket.....	78.23	14.55
21 24 16 00-0056	EA	6 Gallon Wall Bracket.....	86.70	16.10
21 24 16 00-0057	EA	Mechanical Control Head, No Microswitch.....	305.86	56.79
21 24 16 00-0058	EA	Mechanical Control Head, 1 Microswitch.....	319.10	59.21
21 24 16 00-0059	EA	Mechanical Control Head, 2 Microswitches.....	366.06	67.92
21 24 16 00-0060	EA	Tandem Control Head.....	278.16	51.66
21 24 16 00-0061	EA	Electric Control Head, 120 Volt AC / 24 Volt DC.....	470.82	87.38
21 24 16 00-0062	EA	Mechanical Control Box.....	209.52	38.90
21 24 16 00-0063	EA	Tandem Control Box.....	209.52	38.90
21 24 16 00-0064	EA	Mechanical Control Box Adapter.....	61.42	11.44
21 24 16 00-0065	EA	A+ Control head With 1 Pressure Operated Actuator.....	184.56	34.24
21 24 16 00-0066	EA	Pressure Operated Actuator.....	75.86	14.08
21 24 16 00-0067	EA	BMCS-1 Nitrogen Cylinder.....	122.82	22.80
21 24 16 00-0068	EA	BMCS-1 Actuator Assembly.....	125.23	23.26
21 24 16 00-0069	EA	BMCS-1 Mounting Bracket.....	30.71	5.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0070	EA		BMCS-7 Nitrogen Cylinder.....	354.39	65.75
21 24 16 00-0071	EA		BMCS-7 Mounting Bracket.....	75.86	14.08
21 24 16 00-0072	EA		BMCS-7 Discharge Adapter Kit.....	75.86	14.08
21 24 16 00-0073	EA		Check Valve.....	67.09	16.73
21 24 16 00-0074	EA		Vent Check For Use With BMCS Systems.....	34.32	6.38
21 24 16 00-0075	EA		Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator.....	14.93	2.77
21 24 16 00-0076	EA		Replacement Receiver Gasket For BMCS-Actuator Assembly.....	3.93	
21 24 16 00-0077	EA		Pneumatic Control Head For Slave Cylinders.....	78.27	14.55
21 24 16 00-0078	EA		Nozzles; ADP, F, R And GRW.....	35.88	6.69
21 24 16 00-0079	EA		Nozzles; DM And LPF.....	39.98	7.31
21 24 16 00-0080	EA		Swivel Adapter.....	25.29	4.67
21 24 16 00-0081	EA		Corner Pulley.....	10.83	2.02
21 24 16 00-0082	LF		1/16" Stainless Steel Cable.....	0.56	0.23
21 24 16 00-0083	EA		Cable Crimp Sleeve.....	0.66	0.23
21 24 16 00-0084	EA		"S" Hook.....	0.49	0.15
21 24 16 00-0085	EA		Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT.....	37.31	6.93
21 24 16 00-0086	EA		Cable Clamp.....	3.33	0.62
21 24 16 00-0087	EA		Nico Sleeves - 1/16" Cable.....	0.48	0.15
21 24 16 00-0088	EA		3/8" Cable Anchor.....	39.43	7.31
21 24 16 00-0089	EA		1/2" Cable Anchor.....	39.43	7.31
21 24 16 00-0090	EA		Mechanical Remote Manual Release (Pull Cable).....	63.77	11.82
21 24 16 00-0091	EA		Tee Pulley, Use For Mechanical Pull And Gas Valve.....	68.07	12.61
21 24 16 00-0092	EA		Surface Remote Manual Release, End-of-line.....	79.74	14.78
21 24 16 00-0093	EA		Surface Remote Manual Release, In line Conservation Kit.....	24.98	4.67
21 24 16 00-0094	EA		Surface Remote Manual Release, In line And End Of Line.....	104.69	19.37
21 24 16 00-0095	EA		Recessed Remote Manual Release, End-of-line.....	79.74	14.78
21 24 16 00-0096	EA		Recessed Remote Manual Release, In Line Kit.....	95.06	17.66
21 24 16 00-0097	EA		Pulley Tee, Remote In Line Only.....	17.08	3.19
21 24 16 00-0098	EA		Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve.....	18.98	3.50
21 24 16 00-0099	EA		Fusible Link 165F To 360F.....	6.22	1.17
21 24 16 00-0100	EA		Fusible Link 500F.....	9.36	1.17
21 24 16 00-0101	EA		Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves.....	18.98	3.50
21 24 16 00-0102	EA		Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve.....	14.62	3.50
21 24 16 00-0103	EA		Quartzoid Link 400 F.....	102.27	18.98
21 24 16 00-0104	EA		Quartzoid Link 500 F.....	102.27	18.98
21 24 16 00-0105	EA		SPDT Micro Switch For Use With A Plus Control Box.....	36.66	6.77
21 24 16 00-0106	EA		DPDT Micro Switch For Use With A Plus Control Box.....	63.77	11.82
21 24 16 00-0107	EA		SPDT Micro Switch For Use With A Mechanical Control Box.....	37.90	7.00
21 24 16 00-0108	EA		DPDT Micro Switch For Use With A Mechanical Control Box.....	65.70	12.21
21 24 16 00-0109	EA		SPDT Micro Switch For Use With PRCB.....	48.13	8.95
21 24 16 00-0110	EA		DPDT Micro Switch For Use With PRCB.....	69.43	12.84
21 24 16 00-0111	EA		Pressure Switch, SPDT (Fire Dept. Tie In).....	203.36	37.73
21 24 16 00-0112	EA		Circuit Monitor 12 Or 24 Volt DC.....	91.46	16.96
21 24 16 00-0113	EA		Circuit Monitor 120 Volt AC.....	91.46	16.96
21 24 16 00-0114	EA		Electric Manual Pull Station.....	66.78	12.37
21 24 16 00-0115	EA		6", 24 Volt DC, Motor Bell.....	37.30	6.93
21 24 16 00-0116	EA		10", 115 Volt AC Motor Bell.....	52.95	9.81
21 24 16 00-0117	EA		Fuse, 1.2 For ECH.....	4.29	0.78
21 24 16 00-0118	EA		Indicator Lamp 12 Or 24 Volt DC.....	18.98	3.50
21 24 16 00-0119	EA		Indicator Lamp 120 Volt AC.....	18.98	3.50
21 24 16 00-0120	EA		B-10 Manual Station Dual Action, SPDT.....	69.79	12.92
21 24 16 00-0121	EA		B-11 Manual Station Dual Action, DPDT.....	77.01	14.32
21 24 16 00-0122	EA		Break Rods For B10/B11 Manual Pull Station.....	2.45	1.01
21 24 16 00-0123	EA		Spare Key For B10/B11 Manual Stations.....	9.62	1.79
21 24 16 00-0124	EA		MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill.....	103.49	19.21
21 24 16 00-0125	EA		Suppression Abort Station.....	109.50	20.31
21 24 16 00-0126	EA		Suppression Abort Station With Surface Mount Back Box.....	127.55	23.65
21 24 16 00-0127	EA		Surface Mount Back Box.....	42.12	7.78
21 24 16 00-0128	EA		Single Hazard Control Unit, 120 Volt AC IP.....	782.14	144.95
21 24 16 00-0129	EA		Single Hazard Control Unit, 240 Volt AC IP.....	782.14	144.95
21 24 16 00-0130	EA		1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.....	64.98	12.06
21 24 16 00-0131	EA		Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W).....	2.56	0.54
21 24 16 00-0132	EA		Spare Scorpio Circuit Board.....	565.50	
21 24 16 00-0133	EA		Extra Scorpio Key.....	9.62	
21 24 16 00-0134	EA		Extra Scorpio Manual.....	6.02	
21 24 16 00-0135	EA		Compression Seal Adapter 3/8" Pipe.....	16.36	3.03
21 24 16 00-0136	EA		Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe.....	17.77	3.26
21 24 16 00-0137	EA		Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe.....	21.38	3.97
21 24 16 00-0138	EA		Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe.....	22.87	4.20
21 24 16 00-0139	EA		Quik Seal Adapter 3/8" NPT Female.....	17.77	3.26
21 24 16 00-0140	EA		Quik Seal Adapter 1/2" NPT Female.....	17.77	3.26
21 24 16 00-0141	EA		Quik Seal Adapter 3/4" NPT Female.....	30.41	5.68
21 24 16 00-0142	EA		Quik Seal Adapter 1" NPT Female.....	40.31	7.47
21 24 16 00-0143	EA		Quik Patch (Up To 1-1/8" Diameter).....	17.77	3.26
21 24 16 00-0144	EA		1-1/4 Gallon Karbaloy Charge.....	39.54	
21 24 16 00-0145	EA		2-1/2 Gallon Karbaloy Charge.....	67.98	
21 24 16 00-0146	EA		4 Gallon Karbaloy Charge.....	102.74	
21 24 16 00-0147	EA		6 Gallon Karbaloy Charge.....	150.36	
21 24 16 00-0148	EA		Inlet Flushing Adapter.....	29.48	5.45
21 24 16 00-0149	EA		1/2" Flushing Adapter (Outlet).....	29.48	5.45
21 24 16 00-0150	EA		1/8" Flushing Adapter (Outlet).....	29.48	5.45
21 24 16 00-0151	EA		1/4" Flushing Adapter (Outlet).....	29.48	5.45
21 24 16 00-0152	EA		3/8" Flushing Adapter (Outlet).....	29.48	5.45
21 24 16 00-0153	EA		Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	40.91	
21 24 16 00-0154	EA		Instruction Label (In Case Of Fire) - MCB.....	3.36	

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**

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

21 24 16 00-0155	EA		Caution Sign (Turn On Fan).....	3.93	
21 24 16 00-0156	EA		Inspection Label (Authorized installers only).....	2.91	
21 24 16 00-0157	EA		Label, Warning, A+ Control Box.....	2.23	
21 24 16 00-0158	EA		Wet Chemical System Kits, RG-1.25G Kit; #23315	517.38	95.93
21 24 16 00-0159	EA		Wet Chemical System Kits, RG-2.5G Kit; #23316	604.02	111.96
21 24 16 00-0160	EA		Wet Chemical System Kits, RG-4GS Kit; #23317	752.03	139.42
21 24 16 00-0161	EA		Wet Chemical System Kits, RG-4GT Kit; #23318	752.03	139.42
21 24 16 00-0162	EA		Wet Chemical System Kits, RG-6G Kit; #23319	945.74	175.29
21 24 16 00-0163	EA		Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	448.20	83.10
21 24 16 00-0164	EA		Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	421.12	78.03
21 24 16 00-0165	EA		Wet Chemical System Kits, A Plus Control Box Kit; #23322.....	340.51	63.10
21 24 16 00-0166	EA		Wet Chemical System Kits, Valve Rebuild Kit; #23210.....	589.58	109.31
21 24 16 00-0167	EA		Wet Chemical System Kits, BMCS-1 Package; #23208	540.23	100.14

21 30 Fire Pumps (21)**21 31 Centrifugal Fire Pumps (21 30)****21 31 13 Electric-Drive, Centrifugal Fire Pumps (21 31)****21 31 13 00-0001 Electric-Drive Fire Pumps (21 31 13)**

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002	EA		20 HP Electric Fire Pump.....	30,527.55	1,318.24
			<i>For Duplex Pumping System, Add</i>	29,209.30	
21 31 13 00-0003	EA		30 HP Electric Fire Pump.....	35,575.05	1,483.03
			<i>For Duplex Pumping System, Add</i>	34,201.88	
21 31 13 00-0004	EA		40 HP Electric Fire Pump.....	48,424.49	1,647.81
			<i>For Duplex Pumping System, Add</i>	46,898.75	
21 31 13 00-0005	EA		50 HP Electric Fire Pump.....	59,580.46	1,765.73
			<i>For Duplex Pumping System, Add</i>	57,814.73	
21 31 13 00-0006	EA		75 HP Electric Fire Pump.....	66,507.28	1,926.26
			<i>For Duplex Pumping System, Add</i>	64,581.03	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps (21 31)**21 31 16 00-0001 Diesel-Drive Fire Pumps (21 31 16)**

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002	EA		30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	44,736.25	1,444.69
21 31 16 00-0003	EA		40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	50,605.09	1,605.21
21 31 16 00-0004	EA		50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	53,175.54	1,765.73
21 31 16 00-0005	EA		75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	60,508.45	1,926.26
21 31 16 00-0006	EA		150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	64,235.82	2,247.29
21 31 16 00-0007	EA		175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	69,166.11	2,889.38
21 31 16 00-0008	EA		200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	75,081.13	3,210.42
21 31 16 00-0009	EA		250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	85,852.83	3,659.88
21 31 16 00-0010	EA		300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	102,810.45	3,948.82
21 31 16 00-0011	EA		350 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	120,618.09	4,494.59
21 31 16 00-0012	EA		400 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	143,137.36	4,815.63
21 31 16 00-0013	EA		500 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	161,168.90	5,136.67

21 31 16 00-0014 Electric Controllers For Fire Pumps (21 31 16)**21 31 16 00-0015 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller (21 31 16 00-0014)**

21 31 16 00-0016	EA		30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	17,027.69	144.47
21 31 16 00-0017	EA		40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	19,278.91	160.52
21 31 16 00-0018	EA		50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	20,210.78	176.58
21 31 16 00-0019	EA		75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	23,047.63	192.63
21 31 16 00-0020	EA		150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	24,345.93	224.72
21 31 16 00-0021	EA		175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	25,932.82	288.94
21 31 16 00-0022	EA		200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	28,106.20	321.04
21 31 16 00-0023	EA		250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	32,145.18	365.99
21 31 16 00-0024	EA		300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	38,754.86	394.88
21 31 16 00-0025	EA		350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	45,550.54	449.46
21 31 16 00-0026	EA		400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	54,365.56	481.57
21 31 16 00-0027	EA		500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	61,385.56	513.66

END OF SECTION 21

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

22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing ⁽²²⁾

22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps ^(22 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs ^(22 01 10)

22 01 10 61-0001 Pipe Repair Clamps ^(22 01 10 61)

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	25.61
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	26.88
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	29.59
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	31.68
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	34.51
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	44.20
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	57.24
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	67.21
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	77.24
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	40.24
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	42.18
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	46.71
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	51.34
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	56.77
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	73.48
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	90.98
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	104.81
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	119.31
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	55.91
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	58.56
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	64.74
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	71.03
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	80.25
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	98.82
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	118.67
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	143.61
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	175.80
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	180.93
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	193.66

22 01 40 Operation and Maintenance of Plumbing Fixtures ^(22 01)

22 01 40 00-0001 Fixture And/Or Trim Replacement ^(22 01 40)

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 00-0002	EA	3/8" To 1/2" Compression Shut-off Valve Replacement With 15" Polybutylene Supply Tube.....	45.14
22 01 40 00-0003	EA	3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory Replacement.....	16.03
22 01 40 00-0004	EA	Chrome Supply Lines To Sink/Lavatory Replacement, Pair	22.30
22 01 40 00-0005	EA	Single Bowl Sink/Lavatory Drain Line Replacement	30.75
22 01 40 00-0006	EA	Double Bowl Sink/Lavatory Drain Line Replacement.....	48.10
22 01 40 00-0007	EA	Shower Head, Polished Chrome, Replacement.....	33.63
22 01 40 00-0008	EA	Shower Arm Replacement.....	28.10
22 01 40 00-0009	EA	Shower Head Replacement.....	32.38
22 01 40 00-0010	EA	Shower Knob Replacement.....	26.29

22 Plumbing**22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 01 40 00-0011	EA	Wall Mount, Hand Shower Unit With Hose (Delta 55011).....	121.89	
22 01 40 00-0012	EA	Shower and Tub Control Trim Replacement..... Note: Excludes balancing valve.	71.75	
22 01 40 00-0013	EA	Sink Basket Strainer Replacement	17.14	
22 01 40 00-0014	EA	Sink Drain Without Stopper, 1-1/2" Replacement	9.96	
22 01 40 00-0015	EA	Sink Drain Without Stopper, 4-1/2" Replacement	10.38	
22 01 40 00-0016	EA	Sink Drain With Stopper, 1-1/2" Replacement	9.96	
22 01 40 00-0017	EA	1" Sink Rubber Stopper Replacement	7.14	
22 01 40 00-0018	EA	Sink Tailpiece Extension 1-1/2" x 8" Replacement	18.65	
22 01 40 00-0019	EA	Sink Trap, Adjustable, 1-1/2" Replacement	28.84	
22 01 40 00-0020	EA	Lavatory Pop-Up Rod Replacement	20.79	
22 01 40 00-0021	EA	Lavatory Pop-up Drain Stopper Replacement	23.38	
22 01 40 00-0022	EA	Faucet Handle Replacement	24.65	
22 01 40 00-0023	EA	Faucet O-Ring Replacement	19.22	
22 01 40 00-0024	EA	1-1/2" Faucet Hole Cover.....	12.98	
22 01 40 00-0025	EA	Toilet Ballcock Replacement.....	29.63	
22 01 40 00-0026	EA	Toilet Bowl Ring, Flat Wax, Replacement..... Note: Excludes removal of toilet.	5.62	
22 01 40 00-0027	EA	Toilet Tank Replacement.....	121.79	
22 01 40 00-0028	EA	Toilet Bowl, 10" Replacement.....	147.61	
22 01 40 00-0029	EA	Toilet Bowl, 10", Low-Flush Watersaver, Replacement	160.56	
22 01 40 00-0030	EA	Toilet Bowl, 12", Replacement	173.06	
22 01 40 00-0031	EA	Toilet Bowl, Elongated, 18", Replacement.....	151.97	
22 01 40 00-0032	EA	Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers Replacement.....	17.42	
22 01 40 00-0033	EA	Toilet Flapper With Chain Replacement	13.88	
22 01 40 00-0034	EA	Toilet Flush Tank Lever Replacement	14.62	
22 01 40 00-0035	EA	Elongated Toilet Seat With Lid Replacement.....	84.41	
22 01 40 00-0036	EA	Elongated Toilet Seat Without Lid Replacement.....	67.85	
22 01 40 00-0037	EA	Handicap Toilet Seat Replacement, Complete With Rails.....	123.85	
22 01 40 00-0038	EA	Diverter Tub Spout Replacement.....	40.01	
22 01 40 00-0039	EA	Tub Spout Replacement	28.92	
22 01 40 00-0040	EA	2" Tub Stopper, Replacement.....	8.16	
22 01 40 00-0041	EA	Tub Waste/Overflow Replacement	58.03	
22 01 40 00-0042	EA	Tub Stem Bonnet Assembly Replacement	28.44	
22 01 40 00-0043	EA	Faucet Bonnet Replacement	31.97	
22 01 40 00-0044	EA	Faucet Diverter Stem Replacement.....	19.83	
22 01 40 00-0045	EA	Faucet Diverter Stem And Bonnet Replacement	26.62	
22 01 40 00-0046	EA	Faucet Spout Replacement	30.89	
22 01 40 00-0047	EA	Faucet Stem Replacement	22.39	
22 01 40 00-0048	EA	Chrome Plated Plastic Drinking Fountain Bubbler Valve With Flexible Bubbler Guard Replacement.....	137.91	
22 01 40 00-0049	EA	Chrome Plated Brass Drinking Fountain Bubbler Valve Replacement.....	171.88	
22 01 40 00-0050	EA	Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve Replacement	106.68	

22 05 Common Work Results for Plumbing ⁽²²⁾**22 05 13 Common Motor Requirements For Plumbing Equipment** ^(22 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings And Loops For Plumbing Piping ^(22 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 19 Meters And Gages For Plumbing Piping ^(22 05)

See CSI section 23 05 19 00-0000 for gages, 33 12 33 00-0000 for water utility service metering.

22 05 23 General-Duty Valves For Plumbing Piping ^(22 05)

See CSI section 23 05 23 00-0000 for valves.

22 05 23 00-0001 Mud Valves (Drain Plug Valves) ^(22 05 23)

Note: For settling basins, waterworks, sewage treatment plants where sedimentaceous material must be flushed from system.

22 05 23 00-0002	EA	4" Flanged End, Non Rising Stem Mud Valve.....	767.63	166.73
22 05 23 00-0003	EA	6" Flanged End, Non Rising Stem Mud Valve.....	912.46	233.41
22 05 23 00-0004	EA	8" Flanged End, Non Rising Stem Mud Valve.....	1,136.59	259.60
22 05 23 00-0005	EA	10" Flanged End, Non Rising Stem Mud Valve.....	1,676.55	317.96
22 05 23 00-0006	EA	12" Flanged End, Non Rising Stem Mud Valve.....	1,972.63	385.42
22 05 23 00-0007	EA	14" Flanged End, Non Rising Stem Mud Valve.....	3,594.17	466.81
22 05 23 00-0008	EA	16" Flanged End, Non Rising Stem Mud Valve.....	4,252.93	513.50
22 05 23 00-0009	EA	18" Flanged End, Non Rising Stem Mud Valve.....	4,831.50	609.48
22 05 23 00-0010	EA	24" Flanged End, Non Rising Stem Mud Valve.....	6,773.27	843.83

22 05 29 Hangers And Supports For Plumbing Piping And Equipment ^(22 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

22 05 33 Heat Tracing For Plumbing Piping ^(22 05)

See CSI section 23 83 13 00-0000 for heat tracing cables.

22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment ^(22 05)

See CSI section 23 05 48 00-0000 for vibration and seismic control.

22 05 53 Identification For Plumbing Piping And Equipment ^(22 05)

See CSI section 23 05 53 00-0000 for identification.

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

22 05 76 Facility Drainage Piping Cleanouts (22 05)

22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover (22 05 76)
 Note: For floor installation.

22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover (22 05 76 00-0001)

22 05 76 00-0003	EA 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	292.11	
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0004	EA 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	323.29	44.96
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0005	EA 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	401.52	56.38
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0006	EA 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	555.01	68.12
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0007	EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	672.10	76.23
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	

22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover (22 05 76 00-0001)

22 05 76 00-0009	EA 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	329.91	
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0010	EA 3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	361.63	44.96
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0011	EA 4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	439.92	56.30
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0012	EA 5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	593.45	68.12
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
22 05 76 00-0013	EA 6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Brass Screw Plug And Nickel Bronze Cover.....	710.48	76.23
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	

22 05 76 00-0014 Wall Cover For Cleanout (22 05 76)
 Note: Cover and screw only.

22 05 76 00-0015 Round Access Cover, Bronze Polished Top (22 05 76 00-0014)
 Note: Cover and screw only.

22 05 76 00-0016	EA 4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	50.97	
	For Stainless Steel, Add	9.00	
	For Vandal Proof Screws, Add	19.50	
22 05 76 00-0017	EA 5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	56.61	14.11
	For Stainless Steel, Add	9.00	
	For Vandal Proof Screws, Add	19.50	
22 05 76 00-0018	EA 7" Diameter Wall Cover For Cleanout, Screwed.....	69.84	16.90
	For Stainless Steel, Add	9.00	
	For Vandal Proof Screws, Add	19.50	
22 05 76 00-0019	EA 9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	107.66	19.01
	For Stainless Steel, Add	9.00	
	For Vandal Proof Screws, Add	19.50	

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0020	EA		11-1/4" Diameter Wall Cover For Cleanout, Screwed..... <i>For Stainless Steel, Add</i> <i>For Vandal Proof Screws, Add</i>	153.88 9.00 19.50	23.24
22 05 76 00-0021			Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014) Note: Cover and screw only.		
22 05 76 00-0022	EA		7" x 7" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	136.17 19.50 22.50	14.11
22 05 76 00-0023	EA		9" x 9" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	188.58 19.50 22.50	14.80
22 05 76 00-0024	EA		10" x 10" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	201.27 19.50 22.50	15.63
22 05 76 00-0025	EA		14" x 14" Bronze Wall Or Floor Access Cover <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	225.50 19.50 22.50	17.75
22 05 76 00-0026			Secured Square Wall Access Panel, Bronze Polished Top (22 05 76 00-0014) Note: Cover and screw only.		
22 05 76 00-0027	EA		6" x 6" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	136.17 19.50 22.50	14.11
22 05 76 00-0028	EA		8" x 8" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	188.58 19.50 22.50	14.80
22 05 76 00-0029	EA		10" x 10" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	201.27 19.50 22.50	15.63
22 05 76 00-0030	EA		12" x 12" Bronze Secured Wall Access Panel <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	225.50 19.50 22.50	17.75
22 05 76 00-0031			Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated (22 05 76 00-0014) Note: Cover and screw only.		
22 05 76 00-0032	EA		6" x 6" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	132.67 19.50 22.50	14.11
22 05 76 00-0033	EA		8" x 8" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	177.08 19.50 22.50	14.80
22 05 76 00-0034	EA		10" x 10" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	243.77 19.50 22.50	15.63
22 05 76 00-0035	EA		12" x 12" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	293.50 19.50 22.50	17.75
22 05 76 00-0036			Cast Iron Cleanout Tee (22 05 76)		
22 05 76 00-0037			Cast Iron Cleanout Tee And Round Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0038	EA		2" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	216.51 19.50 18.99 59.20	44.96
22 05 76 00-0039	EA		3" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	252.43 19.50 20.97 59.20	56.30
22 05 76 00-0040	EA		4" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	324.12 19.50 28.17 59.20	68.12
22 05 76 00-0041	EA		6" Cleanout Tee With Cast Brass Screw Plug And Round Polished Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	692.48 19.50 79.11 59.20	82.58
22 05 76 00-0042			Cast Iron Cleanout Tee And Square Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0043	EA		2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	343.11 19.50 37.98 59.20	44.96
22 05 76 00-0044	EA		3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	379.03 19.50 39.96 59.20	56.30
22 05 76 00-0045	EA		4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Vandal Proof Screws, Add</i> <i>For Scoriated Hinged Cover, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	442.32 19.50 45.90 59.20	68.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0046 EA 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover.....	863.48	82.58
For Vandal Proof Screws, Add	19.50	
For Scoriated Hinged Cover, Add	104.76	
For Galvanized Cast Iron Parts, Add	59.20	
22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug (22 05 76 00-0036)		
22 05 76 00-0048 EA 2" Cleanout Tee With Cast Bronze Screw Plug	177.34	36.77
22 05 76 00-0049 EA 3" Cleanout Tee With Cast Bronze Screw Plug	197.29	40.15
22 05 76 00-0050 EA 4" Cleanout Tee With Cast Bronze Screw Plug	262.25	52.82
22 05 76 00-0051 EA 5" Cleanout Tee With Cast Bronze Screw Plug	377.09	62.55
22 05 76 00-0052 EA 6" Cleanout Tee With Cast Bronze Screw Plug	609.91	73.96
22 05 76 00-0053 Removable Cleanout Plug (22 05 76)		
22 05 76 00-0054 Threaded Bronze Plugs (22 05 76 00-0053)		
22 05 76 00-0055 EA 1-1/4", 1-1/2" Or 2" Threaded Bronze Plug	32.21	10.57
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0056 EA 2-1/2" Threaded Bronze Plug	36.90	11.49
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0057 EA 3" Threaded Bronze Plug.....	53.90	12.68
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0058 EA 3-1/2" Threaded Bronze Plug	61.14	14.80
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0059 EA 4" Threaded Bronze Plug.....	69.37	16.90
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0060 EA 5" Threaded Bronze Plug.....	91.11	19.01
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0061 EA 6" Threaded Bronze Plug.....	124.82	21.13
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0062 EA 8" Threaded Bronze Plug.....	193.98	23.24
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0063 EA 10" Threaded Bronze Plug.....	268.21	25.35
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0064 Threaded Brass Plugs (22 05 76 00-0053)		
22 05 76 00-0065 EA 1-1/2" Threaded Brass Plug, Raised Head	25.10	10.57
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0066 EA 2" Threaded Brass Plug, Raised Head	25.79	10.57
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0067 EA 2-1/2" Threaded Brass Plug, Raised Head	28.28	11.49
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0068 EA 3" Threaded Brass Plug, Raised Head	32.31	12.67
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0069 EA 3-1/2" Threaded Brass Plug, Raised Head	38.41	14.80
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0070 EA 4" Threaded Brass Plug, Raised Head	45.77	16.90
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0071 EA 4-1/2" Threaded Brass Plug, Raised Head	49.42	17.81
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0072 EA 5" Threaded Brass Plug, Raised Head	53.52	19.01
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0073 EA 6" Threaded Brass Plug, Raised Head	74.50	21.13
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0074 EA 1-1/2" Threaded Brass Plug, Countersunk Head	24.56	10.57
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0075 EA 2" Threaded Brass Plug, Countersunk Head	25.32	10.57
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0076 EA 2-1/2" Threaded Brass Plug, Countersunk Head.....	29.78	11.49
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0077 EA 3" Threaded Brass Plug, Countersunk Head	32.53	12.68
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0078 EA 3-1/2" Threaded Brass Plug, Countersunk Head.....	37.76	14.80
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0079 EA 4" Threaded Brass Plug, Countersunk Head	44.75	16.90
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0080 EA 5" Threaded Brass Plug, Countersunk Head	52.96	19.01
For Plug Tapped For Center Screw, Add	9.50	
22 05 76 00-0081 EA 6" Threaded Brass Plug, Countersunk Head	65.51	21.13
For Plug Tapped For Center Screw, Add	9.50	
22 07 Plumbing Insulation (22)		
22 07 16 Plumbing Equipment Insulation (22 07)		
22 07 16 00-0001 Lavatory Insulation (22 07 16)		
22 07 16 00-0002 EA Neoprene Insulation Kit For Under Lavatories.....	184.54	19.12
22 07 19 Plumbing Piping Insulation (22 07)		
22 07 19 00-0001 Fiberglass Pipe Insulation (22 07 19)		
Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and		

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.

Code	Description	Unit Cost	Demolition Unit Cost
22 07 19 00-0002	1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0003	LF 1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.19	1.87
22 07 19 00-0004	LF 3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.31	1.87
22 07 19 00-0005	LF 1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.70	1.95
22 07 19 00-0006	LF 1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	6.94	2.04
22 07 19 00-0007	LF 1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.14	2.04
22 07 19 00-0008	LF 2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.55	2.12
22 07 19 00-0009	LF 2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	7.89	2.21
22 07 19 00-0010	LF 3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.32	2.29
22 07 19 00-0011	LF 4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.42	2.47
22 07 19 00-0012	LF 6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.13	2.89
22 07 19 00-0013	1" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0014	LF 1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.33	2.55
22 07 19 00-0015	LF 3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.53	2.55
22 07 19 00-0016	LF 1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.66	2.55
22 07 19 00-0017	LF 1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.96	2.64
22 07 19 00-0018	LF 1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.19	2.64
22 07 19 00-0019	LF 2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.57	2.72
22 07 19 00-0020	LF 2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.08	2.89
22 07 19 00-0021	LF 3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.58	2.98
22 07 19 00-0022	LF 4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.94	3.14
22 07 19 00-0023	LF 6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.79	3.65
22 07 19 00-0024	LF 8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.97	4.08
22 07 19 00-0025	LF 10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.96	4.84
22 07 19 00-0026	LF 12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.91	5.53
22 07 19 00-0027	LF 14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.66	6.03
22 07 19 00-0028	1-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0029	LF 1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.00	2.63
22 07 19 00-0030	LF 3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.13	2.63
22 07 19 00-0031	LF 1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.70	2.78
22 07 19 00-0032	LF 1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.07	2.84
22 07 19 00-0033	LF 1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.38	2.89
22 07 19 00-0034	LF 2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.13	3.04
22 07 19 00-0035	LF 2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.65	3.09
22 07 19 00-0036	LF 3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.06	3.20
22 07 19 00-0037	LF 4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.39	3.46
22 07 19 00-0038	LF 6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.68	4.05
22 07 19 00-0039	LF 8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.68	4.27
22 07 19 00-0040	LF 10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.80	5.10
22 07 19 00-0041	LF 12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	25.90	5.95
22 07 19 00-0042	LF 14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	28.96	6.52
22 07 19 00-0043	2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0044	LF 1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.26	2.89
22 07 19 00-0045	LF 3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.40	2.89
22 07 19 00-0046	LF 1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	12.81	2.98
22 07 19 00-0047	LF 1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.18	2.98
22 07 19 00-0048	LF 1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.56	3.06
22 07 19 00-0049	LF 2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.08	3.14
22 07 19 00-0050	LF 2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	14.79	3.23
22 07 19 00-0051	LF 3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.56	3.40
22 07 19 00-0052	LF 4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.98	3.57
22 07 19 00-0053	LF 6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	20.11	4.19
22 07 19 00-0054	LF 8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	22.74	4.43
22 07 19 00-0055	LF 10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	27.21	5.29
22 07 19 00-0056	LF 12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	31.34	6.35
22 07 19 00-0057	LF 14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	40.10	6.92
22 07 19 00-0058	LF 16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	42.25	8.11
22 07 19 00-0059	LF 18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	46.81	8.53
22 07 19 00-0060	LF 20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	53.06	9.74
22 07 19 00-0061	LF 24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	61.77	11.77
22 07 19 00-0062	2-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0063	LF 1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.16	3.40
22 07 19 00-0064	LF 3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.36	3.40
22 07 19 00-0065	LF 1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	15.95	3.40
22 07 19 00-0066	LF 1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.39	3.48
22 07 19 00-0067	LF 1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.85	3.48
22 07 19 00-0068	LF 2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	17.55	3.65
22 07 19 00-0069	LF 2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	18.52	3.73
22 07 19 00-0070	LF 3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	19.41	3.91
22 07 19 00-0071	LF 4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	21.43	4.08
22 07 19 00-0072	LF 6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	24.56	4.34
22 07 19 00-0073	LF 8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	32.61	5.18
22 07 19 00-0074	LF 10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	38.91	5.95

		MINOR		TOTAL DIRECT		DEMOLITION	
		CSI	UOM	DESCRIPTION	UNIT COST		UNIT COST
	22 07 19 00-0075	LF		12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	44.34		7.40
	22 07 19 00-0076	LF		14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	50.08		8.16
	22 07 19 00-0077	LF		16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	59.09		10.37
	22 07 19 00-0078	LF		18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	63.50		10.88
	22 07 19 00-0079	LF		20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	72.08		12.41
	22 07 19 00-0080	LF		24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	84.87		14.99
22 07 19 00-0081				3" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)			
	22 07 19 00-0082	LF		1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.72		3.75
	22 07 19 00-0083	LF		3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.94		3.75
	22 07 19 00-0084	LF		1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.54		3.79
	22 07 19 00-0085	LF		1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.01		3.81
	22 07 19 00-0086	LF		1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.55		3.85
	22 07 19 00-0087	LF		2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.27		4.01
	22 07 19 00-0088	LF		2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.34		4.14
	22 07 19 00-0089	LF		3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.33		4.29
	22 07 19 00-0090	LF		4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.56		4.53
	22 07 19 00-0091	LF		6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.98		5.14
	22 07 19 00-0092	LF		8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.81		5.73
	22 07 19 00-0093	LF		10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.75		6.61
	22 07 19 00-0094	LF		12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	48.71		8.21
	22 07 19 00-0095	LF		14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	55.02		8.98
	22 07 19 00-0096	LF		16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	64.92		11.46
	22 07 19 00-0097	LF		18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	69.77		12.04
	22 07 19 00-0098	LF		20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	79.21		13.77
	22 07 19 00-0099	LF		24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	93.24		16.62
22 07 19 00-0100				3-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)			
	22 07 19 00-0101	LF		1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.04		4.08
	22 07 19 00-0102	LF		3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.30		4.08
	22 07 19 00-0103	LF		1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.16		4.08
	22 07 19 00-0104	LF		1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.66		4.17
	22 07 19 00-0105	LF		1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.27		4.17
	22 07 19 00-0106	LF		2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.02		4.34
	22 07 19 00-0107	LF		2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.19		4.50
	22 07 19 00-0108	LF		3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.19		4.67
	22 07 19 00-0109	LF		4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.73		4.93
	22 07 19 00-0110	LF		6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.47		5.61
	22 07 19 00-0111	LF		8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	39.11		6.20
	22 07 19 00-0112	LF		10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	46.69		7.14
	22 07 19 00-0113	LF		12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	53.20		8.93
	22 07 19 00-0114	LF		14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.11		9.77
	22 07 19 00-0115	LF		16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	70.92		12.41
	22 07 19 00-0116	LF		18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	76.20		13.08
	22 07 19 00-0117	LF		20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	86.54		14.96
	22 07 19 00-0118	LF		24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	101.84		18.02
22 07 19 00-0119				4" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)			
	22 07 19 00-0120	LF		1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.42		4.59
	22 07 19 00-0121	LF		3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.71		4.59
	22 07 19 00-0122	LF		1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.52		4.59
	22 07 19 00-0123	LF		1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.17		4.67
	22 07 19 00-0124	LF		1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.08		4.84
	22 07 19 00-0125	LF		2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.92		5.01
	22 07 19 00-0126	LF		2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.97		5.01
	22 07 19 00-0127	LF		3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.20		5.26
	22 07 19 00-0128	LF		4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.93		5.53
	22 07 19 00-0129	LF		6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.14		6.29
	22 07 19 00-0130	LF		8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	43.99		6.79
	22 07 19 00-0131	LF		10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	52.53		8.07
	22 07 19 00-0132	LF		12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	59.87		10.02
	22 07 19 00-0133	LF		14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	67.64		10.96
	22 07 19 00-0134	LF		16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	79.83		14.02
	22 07 19 00-0135	LF		18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	85.69		14.70
	22 07 19 00-0136	LF		20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	96.16		16.83
	22 07 19 00-0137	LF		24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	114.59		20.31
22 07 19 00-0138				Foamglas Pipe Insulation, Rigid, Closed Cell (22 07 19)			
				Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.			
22 07 19 00-0139				1" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
	22 07 19 00-0140	LF		1/2" Diameter Pipe, 1" Thick Foamglas Insulation.....	15.33		4.15
				<i>For Work In Restricted Working Space, Add</i>	<i>3.77</i>		
	22 07 19 00-0141	LF		3/4" Diameter Pipe, 1" Thick Foamglas Insulation.....	16.04		4.15
				<i>For Work In Restricted Working Space, Add</i>	<i>3.77</i>		
	22 07 19 00-0142	LF		1" Diameter Pipe, 1" Thick Foamglas Insulation.....	16.93		4.21
				<i>For Work In Restricted Working Space, Add</i>	<i>3.82</i>		
	22 07 19 00-0143	LF		1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation.....	17.35		4.27
				<i>For Work In Restricted Working Space, Add</i>	<i>3.88</i>		

22 Plumbing

22 07 Plumbing Insulation

22 07 19 Plumbing Piping Insulation

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0144	LF 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	18.01 3.93	4.33
22 07 19 00-0145	LF 2" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	19.27 4.04	4.45
22 07 19 00-0146	LF 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	20.83 4.21	4.63
22 07 19 00-0147	LF 3" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	22.57 4.32	4.75
22 07 19 00-0148	LF 4" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.26 4.64	5.10
22 07 19 00-0149	LF 6" Diameter Pipe, 1" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	33.77 5.24	5.76
22 07 19 00-0150 1-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0151	LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	21.35 4.94	5.44
22 07 19 00-0152	LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	21.79 4.94	5.44
22 07 19 00-0153	LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	22.24 4.94	5.44
22 07 19 00-0154	LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.11 5.10	5.61
22 07 19 00-0155	LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.96 5.27	5.81
22 07 19 00-0156	LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	25.97 5.46	6.01
22 07 19 00-0157	LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	29.26 5.67	6.24
22 07 19 00-0158	LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.36 5.89	6.47
22 07 19 00-0159	LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	36.02 6.11	6.73
22 07 19 00-0160	LF 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	40.88 6.48	7.13
22 07 19 00-0161	LF 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	44.58 6.89	7.57
22 07 19 00-0162	LF 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	54.64 8.09	8.90
22 07 19 00-0163	LF 12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	62.61 9.40	10.35
22 07 19 00-0164	LF 14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	68.02 9.72	10.70
22 07 19 00-0165	LF 16" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	74.80 10.86	11.95
22 07 19 00-0166	LF 18" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	84.49 12.85	14.13
22 07 19 00-0167	LF 20" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	94.46 14.23	15.64
22 07 19 00-0168	LF 24" Diameter Pipe, 2" Thick Fiberglass Insulation <i>For Work In Restricted Working Space, Add</i>	119.01 15.76	17.33
22 07 19 00-0169 2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)			
22 07 19 00-0170	LF 1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	20.78 4.32	4.75
22 07 19 00-0171	LF 3/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	21.47 4.32	4.75
22 07 19 00-0172	LF 1" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	22.32 4.37	4.80
22 07 19 00-0173	LF 1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	23.60 4.43	4.87
22 07 19 00-0174	LF 1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	24.88 4.48	4.93
22 07 19 00-0175	LF 2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	28.01 4.64	5.10
22 07 19 00-0176	LF 2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	29.41 4.81	5.29
22 07 19 00-0177	LF 3" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	31.67 4.97	5.47
22 07 19 00-0178	LF 4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.85 5.24	5.77
22 07 19 00-0179	LF 6" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	43.05 5.96	6.55
22 07 19 00-0180	LF 8" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	47.91 6.64	7.31
22 07 19 00-0181	LF 10" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	58.54 7.66	8.42
22 07 19 00-0182	LF 12" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	72.51 9.52	10.47
22 07 19 00-0183	LF 14" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	77.35 10.39	11.43
22 07 19 00-0184	LF 16" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	90.88 13.28	14.60
22 07 19 00-0185	LF 18" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	99.38 13.94	15.34
22 07 19 00-0186	LF 20" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	109.65 15.94	17.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0187 LF 24" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	137.95 19.25	21.18
22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0189 LF 1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	25.55 4.68	5.15
22 07 19 00-0190 LF 3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.72 4.67	5.14
22 07 19 00-0191 LF 1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	28.17 4.76	5.22
22 07 19 00-0192 LF 1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	29.46 4.79	5.26
22 07 19 00-0193 LF 1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	30.77 4.82	5.31
22 07 19 00-0194 LF 2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	33.07 5.03	5.53
22 07 19 00-0195 LF 2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.28 5.20	5.72
22 07 19 00-0196 LF 3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	38.46 5.38	5.92
22 07 19 00-0197 LF 4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	43.31 5.67	6.24
22 07 19 00-0198 LF 6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	51.98 6.45	7.10
22 07 19 00-0199 LF 8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	57.92 7.19	7.91
22 07 19 00-0200 LF 10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	66.04 8.29	9.12
22 07 19 00-0201 LF 12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	82.24 10.31	11.33
22 07 19 00-0202 LF 14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	85.45 11.25	12.37
22 07 19 00-0203 LF 16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	100.10 14.38	15.81
22 07 19 00-0204 LF 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	109.16 15.10	16.61
22 07 19 00-0205 LF 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	125.57 17.25	18.97
22 07 19 00-0206 LF 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	157.73 20.85	22.94
22 07 19 00-0207 3" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0208 LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	31.29 4.98	5.48
22 07 19 00-0209 LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	31.99 4.98	5.48
22 07 19 00-0210 LF 1" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.97 5.06	5.57
22 07 19 00-0211 LF 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	33.79 5.09	5.60
22 07 19 00-0212 LF 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	34.64 5.13	5.65
22 07 19 00-0213 LF 2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.34 5.35	5.88
22 07 19 00-0214 LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	39.93 5.53	6.09
22 07 19 00-0215 LF 3" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	45.70 5.72	6.30
22 07 19 00-0216 LF 4" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	52.47 6.03	6.63
22 07 19 00-0217 LF 6" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	57.31 6.86	7.55
22 07 19 00-0218 LF 8" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	64.78 7.65	8.41
22 07 19 00-0219 LF 10" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	77.48 8.82	9.70
22 07 19 00-0220 LF 12" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	89.55 10.96	12.06
22 07 19 00-0221 LF 14" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	95.74 11.97	13.16
22 07 19 00-0222 LF 16" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	113.66 15.29	16.83
22 07 19 00-0223 LF 18" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	121.88 16.06	17.66
22 07 19 00-0224 LF 20" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	143.12 18.35	20.19
22 07 19 00-0225 LF 24" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	175.14 22.18	24.40
22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0227 LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.64 6.03	6.63
22 07 19 00-0228 LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	38.53 6.03	6.63

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0229	LF		1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	39.56 6.08	6.68
22 07 19 00-0230	LF		1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	40.57 6.11	6.72
22 07 19 00-0231	LF		1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	41.72 6.19	6.80
22 07 19 00-0232	LF		2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	46.17 6.40	7.05
22 07 19 00-0233	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	50.64 6.62	7.29
22 07 19 00-0234	LF		3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	53.60 6.86	7.55
22 07 19 00-0235	LF		4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	57.46 7.25	7.98
22 07 19 00-0236	LF		6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	66.22 8.23	9.06
22 07 19 00-0237	LF		8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	75.43 9.17	10.09
22 07 19 00-0238	LF		10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	90.48 10.58	11.65
22 07 19 00-0239	LF		12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	106.47 13.16	14.47
22 07 19 00-0240	LF		14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	110.64 14.36	15.80
22 07 19 00-0241	LF		16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	131.86 18.35	20.19
22 07 19 00-0242	LF		18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	145.54 19.27	21.21
22 07 19 00-0243	LF		20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	165.63 22.04	24.25
22 07 19 00-0244	LF		24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	203.69 26.61	29.28
22 07 19 00-0245			4" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0246	LF		1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	45.80 7.41	8.16
22 07 19 00-0247	LF		3/4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	46.94 7.41	8.16
22 07 19 00-0248	LF		1" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	48.51 7.54	8.29
22 07 19 00-0249	LF		1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	49.94 7.63	8.39
22 07 19 00-0250	LF		1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	51.89 7.87	8.66
22 07 19 00-0251	LF		2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	56.32 8.11	8.93
22 07 19 00-0252	LF		2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	60.35 8.24	9.07
22 07 19 00-0253	LF		3" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	63.42 8.54	9.40
22 07 19 00-0254	LF		4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	69.19 9.53	10.48
22 07 19 00-0255	LF		6" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	80.58 10.23	11.25
22 07 19 00-0256	LF		8" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	91.31 11.09	12.20
22 07 19 00-0257	LF		10" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	104.24 13.18	14.49
22 07 19 00-0258	LF		12" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	121.11 16.37	18.01
22 07 19 00-0259	LF		14" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	131.63 17.88	19.67
22 07 19 00-0260	LF		16" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	155.11 22.86	25.14
22 07 19 00-0261	LF		18" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	173.60 23.96	26.35
22 07 19 00-0262	LF		20" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	194.20 27.42	30.15
22 07 19 00-0263	LF		24" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	247.47 33.12	36.44
22 07 19 00-0264			Polyisocyanurate Pipe Insulation (22 07 19)		
Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.					
22 07 19 00-0265			1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0266	LF		1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	6.86	1.95
22 07 19 00-0267	LF		3/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.48	2.04
22 07 19 00-0268	LF		1" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	7.87	2.21
22 07 19 00-0269	LF		1-1/4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.26	2.29
22 07 19 00-0270	LF		1-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.48	2.29
22 07 19 00-0271	LF		2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	8.89	2.38
22 07 19 00-0272	LF		2-1/2" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	9.50	2.47
22 07 19 00-0273	LF		3" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation	10.09	2.64

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0274	LF	4" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	11.91	3.14
22 07 19 00-0275	LF	6" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	14.09	3.57
22 07 19 00-0276	LF	8" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	16.61	4.17
22 07 19 00-0277	LF	10" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	18.61	4.50
22 07 19 00-0278	LF	12" Diameter Pipe, 1/2" Thick Polyisocyanurate Insulation.....	22.28	5.53
22 07 19 00-0279		1" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0280	LF	1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	7.81	2.04
22 07 19 00-0281	LF	3/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	8.63	2.21
22 07 19 00-0282	LF	1" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	9.08	2.29
22 07 19 00-0283	LF	1-1/4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	9.56	2.38
22 07 19 00-0284	LF	1-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	9.95	2.47
22 07 19 00-0285	LF	2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	10.46	2.47
22 07 19 00-0286	LF	2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	11.20	2.64
22 07 19 00-0287	LF	3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	12.00	2.81
22 07 19 00-0288	LF	4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	14.25	3.31
22 07 19 00-0289	LF	6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	17.95	4.17
22 07 19 00-0290	LF	8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	21.58	4.93
22 07 19 00-0291	LF	10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	24.55	5.53
22 07 19 00-0292	LF	12" Diameter Pipe, 1" Thick Polyisocyanurate Insulation.....	27.71	6.20
22 07 19 00-0293		1-1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0294	LF	3/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	9.58	2.29
22 07 19 00-0295	LF	1" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	10.09	2.38
22 07 19 00-0296	LF	1-1/4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	10.70	2.47
22 07 19 00-0297	LF	1-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	11.12	2.55
22 07 19 00-0298	LF	2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	11.74	2.64
22 07 19 00-0299	LF	2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	12.66	2.81
22 07 19 00-0300	LF	3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	13.58	2.89
22 07 19 00-0301	LF	4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	16.15	3.57
22 07 19 00-0302	LF	6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	20.64	4.50
22 07 19 00-0303	LF	8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	25.17	5.53
22 07 19 00-0304	LF	10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	28.83	6.20
22 07 19 00-0305	LF	12" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation.....	31.59	6.63
22 07 19 00-0306		2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0307	LF	3/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	11.78	2.38
22 07 19 00-0308	LF	1" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	12.50	2.47
22 07 19 00-0309	LF	1-1/4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	13.16	2.64
22 07 19 00-0310	LF	1-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	13.67	2.64
22 07 19 00-0311	LF	2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	14.18	2.81
22 07 19 00-0312	LF	2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	15.39	2.98
22 07 19 00-0313	LF	3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	16.13	3.14
22 07 19 00-0314	LF	4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	19.34	3.82
22 07 19 00-0315	LF	6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	23.85	4.93
22 07 19 00-0316	LF	8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	30.93	6.20
22 07 19 00-0317	LF	10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	33.39	7.14
22 07 19 00-0318	LF	12" Diameter Pipe, 2" Thick Polyisocyanurate Insulation.....	36.26	7.65
22 07 19 00-0319		Flexible Polyethylene Tubing Closed Cell Foam Insulation (22 07 19)		
		Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). No additional linear feet for fittings required.		
22 07 19 00-0320		3/8" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0321	LF	1/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.28	2.54
22 07 19 00-0322	LF	1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.29	2.54
22 07 19 00-0323	LF	3/8" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.30	2.54
22 07 19 00-0324	LF	1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.50	2.64
22 07 19 00-0325	LF	3/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.72	2.72
22 07 19 00-0326	LF	1" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.89	2.77
22 07 19 00-0327	LF	1-1/4" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.07	2.81
22 07 19 00-0328	LF	1-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.14	2.81
22 07 19 00-0329	LF	2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.32	2.81
22 07 19 00-0330	LF	2-1/2" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.73	2.90
22 07 19 00-0331	LF	3" Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.90	2.95
22 07 19 00-0332		1/2" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0333	LF	1/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.82	2.77
22 07 19 00-0334	LF	1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.84	2.77
22 07 19 00-0335	LF	3/8" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.89	2.77
22 07 19 00-0336	LF	1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	5.98	2.81
22 07 19 00-0337	LF	3/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.06	2.81
22 07 19 00-0338	LF	1" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.31	2.90
22 07 19 00-0339	LF	1-1/4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.05	2.95
22 07 19 00-0340	LF	1-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.72	2.99
22 07 19 00-0341	LF	2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	6.98	3.03
22 07 19 00-0342	LF	2-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.44	3.13
22 07 19 00-0343	LF	3" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	7.88	3.17
22 07 19 00-0344	LF	3-1/2" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.29	3.21
22 07 19 00-0345	LF	4" Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	8.56	3.25

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0346			3/4" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0347	LF		1/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.39	2.99
22 07 19 00-0348	LF		1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.42	2.99
22 07 19 00-0349	LF		3/8" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.51	3.03
22 07 19 00-0350	LF		1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	6.85	3.13
22 07 19 00-0351	LF		3/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.00	3.17
22 07 19 00-0352	LF		1" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.40	3.25
22 07 19 00-0353	LF		1-1/4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.76	3.30
22 07 19 00-0354	LF		1-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.93	3.30
22 07 19 00-0355	LF		2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.56	3.35
22 07 19 00-0356	LF		2-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.48	3.43
22 07 19 00-0357	LF		3" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.56	3.48
22 07 19 00-0358	LF		3-1/2" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.22	3.52
22 07 19 00-0359	LF		4" Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.50	3.57
22 07 19 00-0360			1" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0319)		
22 07 19 00-0361	LF		1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.23	3.30
22 07 19 00-0362	LF		3/8" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.38	3.35
22 07 19 00-0363	LF		1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.83	3.43
22 07 19 00-0364	LF		3/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	7.97	3.48
22 07 19 00-0365	LF		1" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.62	3.57
22 07 19 00-0366	LF		1-1/4" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	8.97	3.66
22 07 19 00-0367	LF		1-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.11	3.66
22 07 19 00-0368	LF		2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	9.70	3.74
22 07 19 00-0369	LF		2-1/2" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.15	3.84
22 07 19 00-0370	LF		3" Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	10.54	3.89
22 07 19 00-0371			Flexible Elastomeric Tubing Closed Cell Foam Insulation (22 07 19)		
			Note: No additional LF for fittings required.		
22 07 19 00-0372			3/8" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0371)		
22 07 19 00-0373	LF		1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.33	2.54
22 07 19 00-0374	LF		3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.38	2.54
22 07 19 00-0375	LF		1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.56	2.64
22 07 19 00-0376	LF		5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.64	2.68
22 07 19 00-0377	LF		3/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.80	2.72
22 07 19 00-0378	LF		7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.84	2.72
22 07 19 00-0379	LF		1" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.93	2.77
22 07 19 00-0380	LF		1-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.97	2.77
22 07 19 00-0381	LF		1-1/4" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.11	2.81
22 07 19 00-0382	LF		1-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.19	2.81
22 07 19 00-0383	LF		2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.39	2.81
22 07 19 00-0384	LF		2-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.50	2.86
22 07 19 00-0385	LF		2-3/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.68	2.90
22 07 19 00-0386	LF		2-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.81	2.90
22 07 19 00-0387	LF		2-7/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.90	2.95
22 07 19 00-0388	LF		3-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.03	2.95
22 07 19 00-0389	LF		3-5/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.30	2.99
22 07 19 00-0390	LF		4-1/8" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.63	3.03
22 07 19 00-0391	LF		4-1/2" Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.96	3.05
22 07 19 00-0392			1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0371)		
22 07 19 00-0393	LF		1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.90	2.77
22 07 19 00-0394	LF		3/8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	5.98	2.77
22 07 19 00-0395	LF		1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.08	2.81
22 07 19 00-0396	LF		3/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.17	2.81
22 07 19 00-0397	LF		1" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.36	2.90
22 07 19 00-0398	LF		1-1/4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.53	2.95
22 07 19 00-0399	LF		1-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.76	2.99
22 07 19 00-0400	LF		2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.06	3.03
22 07 19 00-0401	LF		2-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.51	3.13
22 07 19 00-0402	LF		3" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.72	3.17
22 07 19 00-0403	LF		3-1/2" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.33	3.21
22 07 19 00-0404	LF		4" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.57	3.25
22 07 19 00-0405	LF		5" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.40	3.30
22 07 19 00-0406	LF		6" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.98	3.39
			For Work In Restricted Working Space, Add	2.03	
22 07 19 00-0407	LF		8" Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.51	3.48
			For Work In Restricted Working Space, Add	2.09	
22 07 19 00-0408			3/4" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0371)		
22 07 19 00-0409	LF		1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.55	2.99
22 07 19 00-0410	LF		3/8" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.69	3.03
22 07 19 00-0411	LF		1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	6.99	3.13
22 07 19 00-0412	LF		3/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.24	3.17
22 07 19 00-0413	LF		1" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.55	3.25
22 07 19 00-0414	LF		1-1/4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.99	3.30
22 07 19 00-0415	LF		1-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.26	3.35
22 07 19 00-0416	LF		2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.54	3.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0417	LF		2-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.33	3.43
22 07 19 00-0418	LF		3" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.75	3.48
22 07 19 00-0419	LF		3-1/2" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.36	3.52
22 07 19 00-0420	LF		4" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.66	3.57
22 07 19 00-0421	LF		5" Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.84	4.25
22 07 19 00-0422	LF		6" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.43	3.66
22 07 19 00-0423	LF		8" Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.67	3.74
			<i>For Work In Restricted Working Space, Add</i>	2.25	
22 07 19 00-0424			1" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0371)		
22 07 19 00-0425	LF		3/8" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.04	3.35
			<i>For Work In Restricted Working Space, Add</i>	2.01	
22 07 19 00-0426	LF		1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.30	3.43
22 07 19 00-0427	LF		3/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.70	3.48
22 07 19 00-0428	LF		1" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.17	3.57
22 07 19 00-0429	LF		1-1/4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.62	3.66
22 07 19 00-0430	LF		1-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.06	3.66
22 07 19 00-0431	LF		2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	11.07	3.74
22 07 19 00-0432	LF		2-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.32	3.84
22 07 19 00-0433	LF		3" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	12.93	3.89
			<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-0434	LF		3-1/2" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	13.18	3.93
			<i>For Work In Restricted Working Space, Add</i>	2.36	
22 07 19 00-0435	LF		4" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	14.81	4.02
			<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-0436	LF		5" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	16.13	4.11
			<i>For Work In Restricted Working Space, Add</i>	2.46	
22 07 19 00-0437	LF		6" Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	17.49	4.20
			<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-0438			Flexible Polyolefin Tubing Closed Cell Foam Insulation (22 07 19)		
			Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. No additional LF for fittings required.		
22 07 19 00-0439			3/8" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0438)		
22 07 19 00-0440	LF		1/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.35	2.54
22 07 19 00-0441	LF		1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.37	2.54
22 07 19 00-0442	LF		3/8" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.41	2.54
22 07 19 00-0443	LF		1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.60	2.64
22 07 19 00-0444	LF		3/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.84	2.72
22 07 19 00-0445	LF		1" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.98	2.77
22 07 19 00-0446	LF		1-1/4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.20	2.81
22 07 19 00-0447	LF		1-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.34	2.81
22 07 19 00-0448	LF		2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.46	2.90
22 07 19 00-0449	LF		2-1/2" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.98	2.90
22 07 19 00-0450	LF		3" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.41	2.95
22 07 19 00-0451	LF		4" Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.52	3.03
22 07 19 00-0452			1/2" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0438)		
22 07 19 00-0453	LF		1/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.94	2.77
22 07 19 00-0454	LF		1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	5.97	2.77
22 07 19 00-0455	LF		3/8" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.02	2.77
22 07 19 00-0456	LF		1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.12	2.81
22 07 19 00-0457	LF		3/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.25	2.81
22 07 19 00-0458	LF		1" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.44	2.90
22 07 19 00-0459	LF		1-1/4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.67	2.95
22 07 19 00-0460	LF		1-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.92	2.99
22 07 19 00-0461	LF		2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.17	3.03
22 07 19 00-0462	LF		2-1/2" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.73	3.13
22 07 19 00-0463	LF		3" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.20	3.17
22 07 19 00-0464	LF		4" Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.09	3.25
22 07 19 00-0465			3/4" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0438)		
22 07 19 00-0466	LF		1/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.58	2.99
22 07 19 00-0467	LF		1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.62	2.99
22 07 19 00-0468	LF		3/8" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	6.81	3.03
22 07 19 00-0469	LF		1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.07	3.13
22 07 19 00-0470	LF		3/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.39	3.17
22 07 19 00-0471	LF		1" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.74	3.25
22 07 19 00-0472	LF		1-1/4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.24	3.30
22 07 19 00-0473	LF		1-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.57	3.30
22 07 19 00-0474	LF		2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.95	3.35
22 07 19 00-0475	LF		2-1/2" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.71	3.43
22 07 19 00-0476	LF		3" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	10.37	3.48
22 07 19 00-0477	LF		4" Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.65	3.57
22 07 19 00-0478			1" Wall Flexible Polyolefin Tubing Foam Insulation (22 07 19 00-0438)		
22 07 19 00-0479	LF		1/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.69	3.30
22 07 19 00-0480	LF		1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.72	3.30
22 07 19 00-0481	LF		3/8" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	7.83	3.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0482	LF		1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.09	3.43
22 07 19 00-0483	LF		3/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.54	3.48
22 07 19 00-0484	LF		1" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.97	3.57
22 07 19 00-0485	LF		1-1/4" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.40	3.66
22 07 19 00-0486	LF		1-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.79	3.66
22 07 19 00-0487	LF		2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.63	3.74
22 07 19 00-0488	LF		2-1/2" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.75	3.84
22 07 19 00-0489	LF		3" Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	12.55	3.89
22 07 19 00-0490 Flexible Elastomeric Unicellular Insulation (22 07 19)					
Note: 1/2" thick, for refrigeration piping.					
22 07 19 00-0491	LF		1/2" Pipe, (5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	6.05	2.81
			<i>For Work In Restricted Working Space, Add</i>	1.69	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.50	
			<i>For 3/4" Thick Covering, Add</i>	0.88	
			<i>For 1" Thick Covering, Add</i>	1.69	
22 07 19 00-0492	LF		3/4" Pipe, (7/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	6.16	2.81
			<i>For Work In Restricted Working Space, Add</i>	1.70	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.52	
			<i>For 3/4" Thick Covering, Add</i>	0.93	
			<i>For 1" Thick Covering, Add</i>	1.80	
22 07 19 00-0493	LF		1" Pipe, (1-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	6.34	2.90
			<i>For Work In Restricted Working Space, Add</i>	1.74	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.54	
			<i>For 3/4" Thick Covering, Add</i>	0.98	
			<i>For 1" Thick Covering, Add</i>	1.88	
22 07 19 00-0494	LF		1-1/4" Pipe, (1-3/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.55	2.95
			<i>For Work In Restricted Working Space, Add</i>	1.77	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.58	
			<i>For 3/4" Thick Covering, Add</i>	1.08	
			<i>For 1" Thick Covering, Add</i>	2.07	
22 07 19 00-0495	LF		1-1/2" Pipe, (1-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	6.77	2.99
			<i>For Work In Restricted Working Space, Add</i>	1.79	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.62	
			<i>For 3/4" Thick Covering, Add</i>	1.19	
			<i>For 1" Thick Covering, Add</i>	2.26	
22 07 19 00-0496	LF		2" Pipe, (2-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.00	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.82	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.66	
			<i>For 3/4" Thick Covering, Add</i>	1.30	
			<i>For 1" Thick Covering, Add</i>	2.47	
22 07 19 00-0497	LF		2-1/2" Pipe, (2-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	7.51	3.13
			<i>For Work In Restricted Working Space, Add</i>	1.88	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.75	
			<i>For 3/4" Thick Covering, Add</i>	1.57	
			<i>For 1" Thick Covering, Add</i>	2.95	
22 07 19 00-0498	LF		3" Pipe, (3-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	7.91	3.17
			<i>For Work In Restricted Working Space, Add</i>	1.90	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.84	
			<i>For 3/4" Thick Covering, Add</i>	1.81	
			<i>For 1" Thick Covering, Add</i>	3.39	
22 07 19 00-0499	LF		3-1/2" Pipe, (3-5/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover	8.29	3.21
			<i>For Work In Restricted Working Space, Add</i>	1.93	
			<i>For 3/8" Thick Covering, Deduct</i>	-0.92	
			<i>For 3/4" Thick Covering, Add</i>	2.04	
			<i>For 1" Thick Covering, Add</i>	3.81	
22 07 19 00-0500	LF		4" Pipe, (4-1/8" Outside Diameter Pipe), 1/2" Thick Insulation, Flexible Elastomeric Unicellular Cover.....	8.69	3.25
			<i>For Work In Restricted Working Space, Add</i>	1.96	
			<i>For 3/8" Thick Covering, Deduct</i>	-1.00	
			<i>For 3/4" Thick Covering, Add</i>	2.28	
			<i>For 1" Thick Covering, Add</i>	4.23	
22 07 19 00-0501 Insulation Foam Rubber (22 07 19)					
22 07 19 00-0502 Covering 4x6 Sheet (22 07 19 00-0501)					
22 07 19 00-0503	SF		1" Thick Foam Rubber Sheet Insulation.....	15.73	6.03
22 07 19 00-0504 Insulation Protective Jacketing (22 07 19)					
Note: Jacketing only and must be added to insulation prices.					
22 07 19 00-0505 Aluminum Insulation Protective Jacketing With Bands (22 07 19 00-0504)					
22 07 19 00-0506	SF		0.006" Aluminum Insulation Jacket With Bands Fire Retardant	12.65	5.44
22 07 19 00-0507	SF		0.016" Aluminum Insulation Jacket With Bands Fire Retardant	12.98	5.44
22 07 19 00-0508 Stainless Steel Insulation Protective Jacketing With Bands (22 07 19 00-0504)					
22 07 19 00-0509	SF		0.016" Stainless Steel Insulation Jacket With Bands Fire Retardant	19.75	7.65
22 07 19 00-0510	SF		0.010" Stainless Steel Insulation Jacket With Bands Fire Retardant	16.06	6.37
22 07 19 00-0511 Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0504)					
22 07 19 00-0512 20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0511)					
22 07 19 00-0513	LF		1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.29	1.28
22 07 19 00-0514	LF		2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.62	1.32
22 07 19 00-0515	LF		2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	5.87	1.36

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

22 07 19 00-0516	LF		3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.21	1.45
22 07 19 00-0517	LF		3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.54	1.49
22 07 19 00-0518	LF		4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.85	1.53
22 07 19 00-0519	LF		4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.19	1.61
22 07 19 00-0520	LF		5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.60	1.70
22 07 19 00-0521	LF		5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.03	1.78
22 07 19 00-0522	LF		6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.52	1.87
22 07 19 00-0523	LF		6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.77	1.95
22 07 19 00-0524	LF		7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.11	1.99
22 07 19 00-0525	LF		7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.50	2.08
22 07 19 00-0526	LF		8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.67	2.10
22 07 19 00-0527	LF		8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.93	2.14
22 07 19 00-0528	LF		9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.17	2.18
22 07 19 00-0529	LF		10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.66	2.12
22 07 19 00-0530	LF		11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.24	2.38
22 07 19 00-0531	LF		12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.82	2.49

22 07 19 00-0532 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0511)

22 07 19 00-0533	LF		2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	5.79	1.32
22 07 19 00-0534	LF		2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.08	1.36
22 07 19 00-0535	LF		3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.47	1.42
22 07 19 00-0536	LF		3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	6.83	1.49
22 07 19 00-0537	LF		4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.18	1.55
22 07 19 00-0538	LF		4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	7.56	1.61
22 07 19 00-0539	LF		5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.00	1.70
22 07 19 00-0540	LF		5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	8.47	1.78
22 07 19 00-0541	LF		6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.00	1.91
22 07 19 00-0542	LF		6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.29	1.93
22 07 19 00-0543	LF		7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	9.65	1.99
22 07 19 00-0544	LF		7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.10	2.08
22 07 19 00-0545	LF		8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.31	2.10
22 07 19 00-0546	LF		8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.60	2.14
22 07 19 00-0547	LF		9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.89	2.18
22 07 19 00-0548	LF		10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	11.44	2.27
22 07 19 00-0549	LF		11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.10	2.38
22 07 19 00-0550	LF		12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	12.75	2.49

22 07 19 00-0551 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-0511)

22 07 19 00-0552	EA		1-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	10.65	2.55
22 07 19 00-0553	EA		2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	11.09	2.62
22 07 19 00-0554	EA		2-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	11.57	2.70
22 07 19 00-0555	EA		3" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	12.19	2.83
22 07 19 00-0556	EA		3-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	13.04	2.76
22 07 19 00-0557	EA		4" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	13.76	3.08
22 07 19 00-0558	EA		4-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	14.64	3.23
22 07 19 00-0559	EA		5" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	15.62	3.40
22 07 19 00-0560	EA		5-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	16.97	3.57
22 07 19 00-0561	EA		6" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	19.69	3.78
22 07 19 00-0562	EA		6-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	20.11	3.91
22 07 19 00-0563	EA		7" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	22.01	4.00
22 07 19 00-0564	EA		7-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	22.65	4.10
22 07 19 00-0565	EA		8" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	23.99	4.19
22 07 19 00-0566	EA		8-1/2" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	25.18	4.25
22 07 19 00-0567	EA		9" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	28.58	4.42
22 07 19 00-0568	EA		10" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	30.53	4.59
22 07 19 00-0569	EA		11" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	33.02	4.78
22 07 19 00-0570	EA		12" Polyvinyl Chloride (PVC) Elbow Insulation Jacketing.....	37.93	4.99
22 07 19 00-0571	EA		1-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	15.19	3.54
22 07 19 00-0572	EA		2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	15.75	3.65
22 07 19 00-0573	EA		2-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	16.83	3.86
22 07 19 00-0574	EA		3" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	18.18	4.15
22 07 19 00-0575	EA		3-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	20.28	4.48
22 07 19 00-0576	EA		4" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	21.08	4.65
22 07 19 00-0577	EA		4-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	22.55	4.86
22 07 19 00-0578	EA		5" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	24.01	5.07
22 07 19 00-0579	EA		5-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	26.51	5.39
22 07 19 00-0580	EA		6" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	29.15	5.68
22 07 19 00-0581	EA		6-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	31.01	5.76
22 07 19 00-0582	EA		7" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	36.84	5.97
22 07 19 00-0583	EA		7-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	39.32	6.29
22 07 19 00-0584	EA		8" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	41.43	6.41
22 07 19 00-0585	EA		8-1/2" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	43.46	6.54
22 07 19 00-0586	EA		9" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	45.67	6.71
22 07 19 00-0587	EA		10" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	48.92	7.08
22 07 19 00-0588	EA		11" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	51.78	7.23
22 07 19 00-0589	EA		12" Polyvinyl Chloride (PVC) Tee Or Wye Insulation Jacketing.....	54.71	7.40

22 10 Plumbing Piping (22)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 Facility Water Distribution ^(22 10)

22 11 16 Domestic Water Piping ^(22 11)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies ^(22 11 16)

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	12.52	3.11
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.33	
		<i>For Work In Restricted Working Space, Add</i>	3.10	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.05	
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	13.52	3.34
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.39	
		<i>For Work In Restricted Working Space, Add</i>	3.28	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.35	
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	14.89	3.66
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.48	
		<i>For Work In Restricted Working Space, Add</i>	3.50	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	3.78	
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	17.02	3.82
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.69	
		<i>For Work In Restricted Working Space, Add</i>	3.72	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	4.56	
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	18.01	4.51
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.76	
		<i>For Work In Restricted Working Space, Add</i>	3.88	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	4.87	
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	21.18	5.45
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-0.97	
		<i>For Work In Restricted Working Space, Add</i>	4.41	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	5.85	
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	28.46	6.45
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-1.68	
		<i>For Work In Restricted Working Space, Add</i>	5.17	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	8.50	
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	35.08	8.64
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-2.13	
		<i>For Work In Restricted Working Space, Add</i>	6.27	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	10.56	
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	48.61	10.07
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-3.76	
		<i>For Work In Restricted Working Space, Add</i>	7.06	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	15.99	
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	77.99	12.87
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-7.44	
		<i>For Work In Restricted Working Space, Add</i>	8.53	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	27.99	
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly	45.66	15.22
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
		<i>For ASTM 120, Deduct</i>	-2.01	
		<i>For Work In Restricted Working Space, Add</i>	9.69	
		<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	12.47	

22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings ^(22 11 16)

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

22 11 16 00-0014 Threaded And Coupled, Galvanized Steel Piping ^(22 11 16 00-0013)

Note: ASTM A-53. Includes coupling.

22 11 16 00-0015	LF	1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe.....	5.67	3.11
		<i>For ASTM 120, Deduct</i>	-0.14	
		<i>For Work In Restricted Working Space, Add</i>	1.41	
		<i>For Schedule 80 Pipe, Add</i>	0.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0016	LF		3/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	6.28 -0.19 1.50 1.11	3.34
22 11 16 00-0017	LF		1" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	7.33 -0.28 1.63 1.45	3.66
22 11 16 00-0018	LF		1-1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	8.32 -0.38 1.73 1.80	3.82
22 11 16 00-0019	LF		1-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	9.83 -0.46 2.03 2.15	4.51
22 11 16 00-0020	LF		2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	12.30 -0.62 2.46 2.79	5.45
22 11 16 00-0021	LF		2-1/2" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	16.25 -0.98 2.92 4.10	6.45
22 11 16 00-0022	LF		3" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	21.50 -1.28 3.89 5.39	8.64
22 11 16 00-0023	LF		4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	27.29 -1.82 4.54 7.35	10.07
22 11 16 00-0024	LF		5" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	35.56 -2.44 5.78 9.75	12.87
22 11 16 00-0025	LF		6" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	43.94 -3.17 6.84 12.43	15.22
22 11 16 00-0026			Galvanized Malleable Iron 90 Degree Elbows (22 11 16 00-0013)		
22 11 16 00-0027	EA		1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	22.36 -0.24 6.22 6.75	13.85
22 11 16 00-0028	EA		3/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	25.20 -0.30 6.97 8.13	15.49
22 11 16 00-0029	EA		1", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	29.61 -0.55 7.78 14.07	17.27
22 11 16 00-0030	EA		1-1/4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	35.17 -0.87 8.81 21.52	19.61
22 11 16 00-0031	EA		1-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	40.69 -1.14 9.93 27.76	22.09
22 11 16 00-0032	EA		2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	54.47 -1.86 12.62 44.75	28.09
22 11 16 00-0033	EA		2-1/2", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	94.74 -4.88 18.67 114.23	41.55
22 11 16 00-0034	EA		3", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	135.48 -8.04 24.57 187.09	54.62
22 11 16 00-0035	EA		4", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	182.82 -14.18 26.50 326.60	58.90
22 11 16 00-0036	EA		5", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	500.29 -61.22 27.65 1,393.14	61.47
22 11 16 00-0037	EA		6", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	472.59 -56.44 28.91 1,285.00	64.27
22 11 16 00-0038			Galvanized Malleable Iron Reducing 90 Degree Elbows (22 11 16 00-0013)		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0039	EA		3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	25.43	14.63
			For ASTM 120, Deduct	-0.52	
			For Work In Restricted Working Space, Add	6.59	
22 11 16 00-0040	EA		1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	29.01	16.41
			For ASTM 120, Deduct	-0.66	
			For Work In Restricted Working Space, Add	7.37	
22 11 16 00-0041	EA		1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	28.04	15.56
			For ASTM 120, Deduct	-0.71	
			For Work In Restricted Working Space, Add	7.00	
22 11 16 00-0042	EA		1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	35.07	18.44
			For ASTM 120, Deduct	-1.11	
			For Work In Restricted Working Space, Add	8.29	
22 11 16 00-0043	EA		1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	35.21	17.50
			For ASTM 120, Deduct	-1.34	
			For Work In Restricted Working Space, Add	7.89	
22 11 16 00-0044	EA		1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	34.50	16.73
			For ASTM 120, Deduct	-1.42	
			For Work In Restricted Working Space, Add	7.52	
22 11 16 00-0045	EA		1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	43.10	20.85
			For ASTM 120, Deduct	-1.78	
			For Work In Restricted Working Space, Add	9.37	
22 11 16 00-0046	EA		1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	41.38	19.69
			For ASTM 120, Deduct	-1.78	
			For Work In Restricted Working Space, Add	8.85	
22 11 16 00-0047	EA		1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	40.04	18.75
			For ASTM 120, Deduct	-1.78	
			For Work In Restricted Working Space, Add	8.45	
22 11 16 00-0048	EA		2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	51.45	25.05
			For ASTM 120, Deduct	-2.08	
			For Work In Restricted Working Space, Add	11.27	
22 11 16 00-0049	EA		2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	51.61	23.81
			For ASTM 120, Deduct	-2.39	
			For Work In Restricted Working Space, Add	10.71	
22 11 16 00-0050	EA		2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	50.50	22.64
			For ASTM 120, Deduct	-2.48	
			For Work In Restricted Working Space, Add	10.20	
22 11 16 00-0051	EA		2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	45.15	21.78
			For ASTM 120, Deduct	-1.88	
			For Work In Restricted Working Space, Add	9.79	
22 11 16 00-0052	EA		2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	99.16	34.78
			For ASTM 120, Deduct	-7.05	
			For Work In Restricted Working Space, Add	15.65	
22 11 16 00-0053	EA		2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	100.05	31.82
			For ASTM 120, Deduct	-7.86	
			For Work In Restricted Working Space, Add	14.30	
22 11 16 00-0054	EA		3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	157.51	48.08
			For ASTM 120, Deduct	-12.82	
			For Work In Restricted Working Space, Add	21.62	
22 11 16 00-0055	EA		3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	136.18	41.32
			For ASTM 120, Deduct	-11.13	
			For Work In Restricted Working Space, Add	18.59	
22 11 16 00-0056	EA		4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow	277.35	56.02
			For ASTM 120, Deduct	-29.00	
			For Work In Restricted Working Space, Add	25.21	
22 11 16 00-0057			Galvanized Malleable Iron 45 Degree Elbow <small>(22 11 16 00-0013)</small>		
22 11 16 00-0058	EA		1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	23.30	13.85
			For ASTM 120, Deduct	-0.38	
			For Work In Restricted Working Space, Add	6.22	
			For 300 LB Rating, Add	9.95	
22 11 16 00-0059	EA		3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	26.90	15.49
			For ASTM 120, Deduct	-0.55	
			For Work In Restricted Working Space, Add	6.97	
			For 300 LB Rating, Add	13.91	
22 11 16 00-0060	EA		1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	30.08	17.27
			For ASTM 120, Deduct	-0.62	
			For Work In Restricted Working Space, Add	7.78	
			For 300 LB Rating, Add	15.67	
22 11 16 00-0061	EA		1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	37.11	19.61
			For ASTM 120, Deduct	-1.16	
			For Work In Restricted Working Space, Add	8.81	
			For 300 LB Rating, Add	28.11	
22 11 16 00-0062	EA		1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	42.22	22.09
			For ASTM 120, Deduct	-1.37	
			For Work In Restricted Working Space, Add	9.93	
			For 300 LB Rating, Add	32.96	
22 11 16 00-0063	EA		2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	55.53	28.09
			For ASTM 120, Deduct	-2.02	
			For Work In Restricted Working Space, Add	12.62	
			For 300 LB Rating, Add	48.36	
22 11 16 00-0064	EA		2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	109.13	41.55
			For ASTM 120, Deduct	-7.03	
			For Work In Restricted Working Space, Add	18.67	
			For 300 LB Rating, Add	163.16	
22 11 16 00-0065	EA		3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	150.10	54.62
			For ASTM 120, Deduct	-10.23	
			For Work In Restricted Working Space, Add	24.57	
			For 300 LB Rating, Add	236.79	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0066	EA		4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	202.65 -17.15 26.50 394.02	58.90
22 11 16 00-0067	EA		5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	554.16 -69.30 27.65 1,576.30	61.47
22 11 16 00-0068	EA		6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	653.41 -83.56 28.91 1,899.79	64.27
22 11 16 00-0069			Galvanized Malleable Iron Tees (22 11 16 00-0013)		
22 11 16 00-0070	EA		1/2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	28.02 -0.31 7.78 8.66	17.27
22 11 16 00-0071	EA		3/4", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	33.38 -0.52 8.98 13.53	20.00
22 11 16 00-0072	EA		1", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	40.95 -0.84 10.61 21.09	23.57
22 11 16 00-0073	EA		1-1/4", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	50.91 -1.33 12.62 32.65	28.09
22 11 16 00-0074	EA		1-1/2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	61.21 -1.65 15.06 40.45	33.45
22 11 16 00-0075	EA		2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	80.13 -2.68 18.67 64.56	41.55
22 11 16 00-0076	EA		2-1/2", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	118.02 -7.56 20.30 175.32	45.12
22 11 16 00-0077	EA		3", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	140.97 -8.86 24.57 205.75	54.62
22 11 16 00-0078	EA		4", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	251.31 -20.96 33.47 481.81	74.42
22 11 16 00-0079	EA		5", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	571.76 -65.89 39.75 1,501.47	88.35
22 11 16 00-0080	EA		6", 150 LB, Galvanized Malleable Iron Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	649.64 -74.73 45.42 1,703.07	101.00
22 11 16 00-0081			Galvanized Malleable Iron Reducing Tee (22 11 16 00-0013)		
22 11 16 00-0082	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	30.79 -0.73 7.78 18.08	17.27
22 11 16 00-0083	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	34.73 -0.72 8.98 18.12	20.00
22 11 16 00-0084	EA		1", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	42.11 -1.01 10.61 25.04	23.57
22 11 16 00-0085	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	52.50 -1.57 12.62 38.05	28.09
22 11 16 00-0086	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	63.11 -1.94 15.06 46.91	33.45
22 11 16 00-0087	EA		2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	81.09 -2.83 18.67 67.82	41.55
22 11 16 00-0088	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee For ASTM 120, Deduct For Work In Restricted Working Space, Add For 300 LB Rating, Add	134.45 -9.99 20.36 230.44	45.28

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0089	EA	3"	150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	169.55 -12.95 24.96 298.58	55.48
22 11 16 00-0090	EA	4"	150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	361.87 -37.55 33.47 857.71	74.42
22 11 16 00-0091	EA	5"	150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	713.07 -87.09 39.75 1,981.92	88.35
22 11 16 00-0092	EA	6"	150 LB, Galvanized Malleable Iron Reducing Tee..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	809.92 -98.78 45.42 2,248.02	101.00
22 11 16 00-0093 Galvanized Malleable Iron Couplings (22 11 16 00-0013)					
22 11 16 00-0094	EA	1/2"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	23.11 -0.36 6.22 9.30	13.85
22 11 16 00-0095	EA	3/4"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	25.95 -0.41 6.97 10.68	15.49
22 11 16 00-0096	EA	1"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	30.40 -0.67 7.78 16.75	17.27
22 11 16 00-0097	EA	1-1/4"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	35.66 -0.95 8.81 23.18	19.61
22 11 16 00-0098	EA	1-1/2"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	40.27 -1.07 9.93 26.33	22.09
22 11 16 00-0099	EA	2"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	52.53 -1.57 12.62 38.16	28.09
22 11 16 00-0100	EA	2-1/2"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	94.31 -4.81 18.67 112.77	41.55
22 11 16 00-0101	EA	3"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	124.76 -6.43 24.57 150.64	54.62
22 11 16 00-0102	EA	4"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	179.34 -13.65 26.50 314.77	58.90
22 11 16 00-0103	EA	5"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	348.47 -38.45 27.65 876.95	61.47
22 11 16 00-0104	EA	6"	150 LB, Galvanized Malleable Iron Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	388.34 -43.80 28.91 998.55	64.27
22 11 16 00-0105 Galvanized Malleable Iron Reducing Couplings (22 11 16 00-0013)					
22 11 16 00-0106	EA	1/2"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	23.61 -0.43 6.22 11.00	13.85
22 11 16 00-0107	EA	3/4"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	26.29 -0.46 6.97 11.83	15.49
22 11 16 00-0108	EA	1"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	31.05 -0.77 7.78 18.96	17.27
22 11 16 00-0109	EA	1-1/4"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	35.98 -0.99 8.81 24.27	19.61
22 11 16 00-0110	EA	1-1/2"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	41.64 -1.28 9.93 30.99	22.09
22 11 16 00-0111	EA	2"	150 LB, Galvanized Malleable Iron Reducing Coupling..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	53.69 -1.75 12.62 42.10	28.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0112	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling	94.71	41.55
			<i>For ASTM 120, Deduct</i>	-4.87	
			<i>For Work In Restricted Working Space, Add</i>	18.67	
			<i>For 300 LB Rating, Add</i>	114.13	
22 11 16 00-0113	EA		3", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	123.54	54.62
			<i>For ASTM 120, Deduct</i>	-6.25	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
			<i>For 300 LB Rating, Add</i>	146.49	
22 11 16 00-0114	EA		4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	181.69	58.90
			<i>For ASTM 120, Deduct</i>	-14.01	
			<i>For Work In Restricted Working Space, Add</i>	26.50	
			<i>For 300 LB Rating, Add</i>	322.76	
22 11 16 00-0115	EA		5", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	361.96	61.47
			<i>For ASTM 120, Deduct</i>	-40.47	
			<i>For Work In Restricted Working Space, Add</i>	27.65	
			<i>For 300 LB Rating, Add</i>	922.82	
22 11 16 00-0116	EA		6", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	403.71	64.27
			<i>For ASTM 120, Deduct</i>	-46.10	
			<i>For Work In Restricted Working Space, Add</i>	28.91	
			<i>For 300 LB Rating, Add</i>	1,050.81	
22 11 16 00-0117 Galvanized Malleable Iron Caps (22 11 16 00-0013)					
22 11 16 00-0118	EA		1/2", 150 LB, Galvanized Malleable Iron Cap	11.52	6.45
			<i>For ASTM 120, Deduct</i>	-0.27	
			<i>For Work In Restricted Working Space, Add</i>	2.92	
			<i>For 300 LB Rating, Add</i>	6.67	
22 11 16 00-0119	EA		3/4", 150 LB, Galvanized Malleable Iron Cap	12.85	6.93
			<i>For ASTM 120, Deduct</i>	-0.37	
			<i>For Work In Restricted Working Space, Add</i>	3.11	
			<i>For 300 LB Rating, Add</i>	9.05	
22 11 16 00-0120	EA		1", 150 LB, Galvanized Malleable Iron Cap	15.04	8.02
			<i>For ASTM 120, Deduct</i>	-0.46	
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For 300 LB Rating, Add</i>	11.16	
22 11 16 00-0121	EA		1-1/4", 150 LB, Galvanized Malleable Iron Cap	16.60	8.40
			<i>For ASTM 120, Deduct</i>	-0.61	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For 300 LB Rating, Add</i>	14.52	
22 11 16 00-0122	EA		1-1/2", 150 LB, Galvanized Malleable Iron Cap	17.73	8.40
			<i>For ASTM 120, Deduct</i>	-0.78	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For 300 LB Rating, Add</i>	18.37	
22 11 16 00-0123	EA		2", 150 LB, Galvanized Malleable Iron Cap	24.00	11.13
			<i>For ASTM 120, Deduct</i>	-1.09	
			<i>For Work In Restricted Working Space, Add</i>	5.02	
			<i>For 300 LB Rating, Add</i>	25.69	
22 11 16 00-0124	EA		2-1/2", 150 LB, Galvanized Malleable Iron Cap	41.82	13.85
			<i>For ASTM 120, Deduct</i>	-3.16	
			<i>For Work In Restricted Working Space, Add</i>	6.22	
			<i>For 300 LB Rating, Add</i>	72.92	
22 11 16 00-0125	EA		3", 150 LB, Galvanized Malleable Iron Cap	50.64	16.73
			<i>For ASTM 120, Deduct</i>	-3.83	
			<i>For Work In Restricted Working Space, Add</i>	7.53	
			<i>For 300 LB Rating, Add</i>	88.38	
22 11 16 00-0126	EA		4", 150 LB, Galvanized Malleable Iron Cap	86.73	20.22
			<i>For ASTM 120, Deduct</i>	-8.47	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For 300 LB Rating, Add</i>	193.75	
22 11 16 00-0127	EA		5", 150 LB, Galvanized Malleable Iron Cap	189.31	25.28
			<i>For ASTM 120, Deduct</i>	-22.72	
			<i>For Work In Restricted Working Space, Add</i>	11.36	
			<i>For 300 LB Rating, Add</i>	517.24	
22 11 16 00-0128	EA		6", 150 LB, Galvanized Malleable Iron Cap	236.52	30.05
			<i>For ASTM 120, Deduct</i>	-28.71	
			<i>For Work In Restricted Working Space, Add</i>	13.53	
			<i>For 300 LB Rating, Add</i>	653.53	
22 11 16 00-0129 Galvanized Malleable Iron Unions (22 11 16 00-0013)					
22 11 16 00-0130	EA		1/2", 150 LB, Galvanized Malleable Iron Union	32.93	17.27
			<i>For Work In Restricted Working Space, Add</i>	7.78	
22 11 16 00-0131	EA		3/4", 150 LB, Galvanized Malleable Iron Union	37.97	20.00
			<i>For Work In Restricted Working Space, Add</i>	8.98	
22 11 16 00-0132	EA		1", 150 LB, Galvanized Malleable Iron Union	45.90	23.57
			<i>For Work In Restricted Working Space, Add</i>	10.61	
22 11 16 00-0133	EA		1-1/4", 150 LB, Galvanized Malleable Iron Union	57.27	28.09
			<i>For Work In Restricted Working Space, Add</i>	12.62	
22 11 16 00-0134	EA		1-1/2", 150 LB, Galvanized Malleable Iron Union	68.65	33.45
			<i>For Work In Restricted Working Space, Add</i>	15.06	
22 11 16 00-0135	EA		2", 150 LB, Galvanized Malleable Iron Union	83.44	41.55
			<i>For Work In Restricted Working Space, Add</i>	18.67	
22 11 16 00-0136	EA		2-1/2", 150 LB, Galvanized Malleable Iron Union	165.54	61.24
			<i>For Work In Restricted Working Space, Add</i>	27.56	
22 11 16 00-0137	EA		3", 150 LB, Galvanized Malleable Iron Union	224.00	80.53
			<i>For Work In Restricted Working Space, Add</i>	36.27	
22 11 16 00-0138	EA		1/2", 250 LB, Galvanized Malleable Iron Union	40.16	17.27
			<i>For Work In Restricted Working Space, Add</i>	7.78	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0139	EA 3/4", 250 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	42.85 8.98	20.00
22 11 16 00-0140	EA 1", 250 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	51.40 10.61	23.57
22 11 16 00-0141	EA 1-1/4", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	66.32 12.62	28.09
22 11 16 00-0142	EA 1-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	78.14 15.06	33.45
22 11 16 00-0143	EA 2", 250 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	101.70 18.67	41.55
22 11 16 00-0144	EA 2-1/2", 250 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	195.71 27.57	61.24
22 11 16 00-0145	EA 3", 250 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	280.18 36.27	80.53
22 11 16 00-0146	EA 4", 250 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	380.24 39.11	86.91
22 11 16 00-0147	EA 1/2", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	42.14 7.78	17.27
22 11 16 00-0148	EA 3/4", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	47.50 8.98	20.00
22 11 16 00-0149	EA 1", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	58.69 10.61	23.57
22 11 16 00-0150	EA 1-1/4", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	74.57 12.62	28.09
22 11 16 00-0151	EA 1-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	89.36 15.06	33.45
22 11 16 00-0152	EA 2", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	109.24 18.67	41.55
22 11 16 00-0153	EA 2-1/2", 300 LB, Galvanized Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	223.00 27.57	61.24
22 11 16 00-0154	EA 3", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	342.64 36.27	80.53
22 11 16 00-0155	EA 4", 300 LB, Galvanized Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	686.50 39.11	86.91
22 11 16 00-0156	Galvanized Steel Nipples (22 11 16 00-0013) Note: ASTM A-53.		
22 11 16 00-0157	EA 3/8" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.89 -0.12 3.34 0.88	7.39
22 11 16 00-0158	EA 1/2" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.74 -0.09 3.34 0.71	7.39
22 11 16 00-0159	EA 3/4" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.87 -0.11 3.34 0.86	7.39
22 11 16 00-0160	EA 1" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.01 -0.16 3.59 1.19	8.02
22 11 16 00-0161	EA 1-1/4" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.36 -0.21 3.89 1.58	8.64
22 11 16 00-0162	EA 1-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.60 -0.24 3.89 1.86	8.64
22 11 16 00-0163	EA 2" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.04 -0.35 5.02 2.62	11.13
22 11 16 00-0164	EA 2-1/2" x Close, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.58 -1.03 6.22 7.80	13.85
22 11 16 00-0165	EA 3" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	33.29 -1.23 7.53 9.35	16.73
22 11 16 00-0166	EA 4" x Close, Schedule 40 Galvanized Steel Nipple..... <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	42.57 -1.84 9.08 14.01	20.22
22 11 16 00-0167	EA 3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.00 -0.13 3.34 1.00	7.39
22 11 16 00-0168	EA 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.77 -0.10 3.34 0.74	7.39
22 11 16 00-0169	EA 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.94 -0.12 3.34 0.93	7.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0170	EA		3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.00 -0.13 3.34 1.00	7.39
22 11 16 00-0171	EA		1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.77 -0.10 3.34 0.74	7.39
22 11 16 00-0172	EA		3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.94 -0.12 3.34 0.93	7.39
22 11 16 00-0173	EA		1" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.19 -0.18 3.59 1.39	8.02
22 11 16 00-0174	EA		1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.46 -0.22 3.89 1.70	8.64
22 11 16 00-0175	EA		1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.72 -0.26 3.89 2.00	8.64
22 11 16 00-0176	EA		3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.30 -0.18 3.34 1.35	7.39
22 11 16 00-0177	EA		1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.89 -0.12 3.34 0.88	7.39
22 11 16 00-0178	EA		3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.03 -0.14 3.34 1.04	7.39
22 11 16 00-0179	EA		1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.29 -0.20 3.59 1.50	8.02
22 11 16 00-0180	EA		1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.61 -0.25 3.89 1.87	8.64
22 11 16 00-0181	EA		1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.92 -0.29 3.89 2.22	8.64
22 11 16 00-0182	EA		2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.33 -0.39 5.02 2.95	11.13
22 11 16 00-0183	EA		3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.30 -0.18 3.34 1.35	7.39
22 11 16 00-0184	EA		1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	11.89 -0.12 3.34 0.88	7.39
22 11 16 00-0185	EA		3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.03 -0.14 3.34 1.04	7.39
22 11 16 00-0186	EA		1" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.29 -0.20 3.59 1.50	8.02
22 11 16 00-0187	EA		1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.61 -0.25 3.89 1.87	8.64
22 11 16 00-0188	EA		1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.92 -0.29 3.89 2.22	8.64
22 11 16 00-0189	EA		2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.33 -0.39 5.02 2.95	11.13
22 11 16 00-0190	EA		2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	27.84 -1.07 6.22 8.09	13.85
22 11 16 00-0191	EA		3" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	34.42 -1.40 7.53 10.64	16.73

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0192	EA 3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.52 -0.21 3.34 1.60	7.39
22 11 16 00-0193	EA 1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.07 -0.14 3.34 1.08	7.39
22 11 16 00-0194	EA 3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.30 -0.18 3.34 1.35	7.39
22 11 16 00-0195	EA 1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	13.56 -0.24 3.59 1.81	8.02
22 11 16 00-0196	EA 1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.92 -0.29 3.89 2.22	8.64
22 11 16 00-0197	EA 1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.44 -0.37 3.89 2.82	8.64
22 11 16 00-0198	EA 2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.88 -0.47 5.02 3.58	11.13
22 11 16 00-0199	EA 2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	28.98 -1.24 6.22 9.39	13.85
22 11 16 00-0200	EA 3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	36.03 -1.64 7.53 12.47	16.73
22 11 16 00-0201	EA 3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.52 -0.21 3.34 1.60	7.39
22 11 16 00-0202	EA 1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.07 -0.14 3.34 1.08	7.39
22 11 16 00-0203	EA 3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.52 -0.21 3.34 1.60	7.39
22 11 16 00-0204	EA 1" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	13.56 -0.24 3.59 1.81	8.02
22 11 16 00-0205	EA 1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.92 -0.29 3.89 2.22	8.64
22 11 16 00-0206	EA 1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.44 -0.37 3.89 2.82	8.64
22 11 16 00-0207	EA 2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.91 -0.48 5.02 3.61	11.13
22 11 16 00-0208	EA 2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	28.98 -1.24 6.22 9.39	13.85
22 11 16 00-0209	EA 3" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	36.03 -1.64 7.53 12.47	16.73
22 11 16 00-0210	EA 4" x 4" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	44.97 -2.20 9.08 16.75	20.22
22 11 16 00-0211	EA 3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	13.04 -0.29 3.34 2.19	7.39
22 11 16 00-0212	EA 1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.26 -0.17 3.34 1.30	7.39
22 11 16 00-0213	EA 3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	12.52 -0.21 3.34 1.60	7.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0214	EA		1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.92 -0.29 3.59 2.22	8.02
22 11 16 00-0215	EA		1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.38 -0.36 3.89 2.75	8.64
22 11 16 00-0216	EA		1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.95 -0.45 3.89 3.40	8.64
22 11 16 00-0217	EA		2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.75 -0.60 5.02 4.57	11.13
22 11 16 00-0218	EA		2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	29.93 -1.38 6.22 10.48	13.85
22 11 16 00-0219	EA		3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	37.84 -1.91 7.53 14.54	16.73
22 11 16 00-0220	EA		4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	46.75 -2.47 9.08 18.78	20.22
22 11 16 00-0221	EA		3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.04 -0.29 3.34 2.19	7.39
22 11 16 00-0222	EA		1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.26 -0.17 3.34 1.30	7.39
22 11 16 00-0223	EA		3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.52 -0.21 3.34 1.60	7.39
22 11 16 00-0224	EA		1" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.92 -0.29 3.59 2.22	8.02
22 11 16 00-0225	EA		1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.38 -0.36 3.89 2.75	8.64
22 11 16 00-0226	EA		1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.95 -0.45 3.89 3.40	8.64
22 11 16 00-0227	EA		2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	20.75 -0.60 5.02 4.57	11.13
22 11 16 00-0228	EA		2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	29.93 -1.38 6.22 10.48	13.85
22 11 16 00-0229	EA		3" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	37.84 -1.91 7.53 14.54	16.73
22 11 16 00-0230	EA		4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	46.75 -2.47 9.08 18.78	20.22
22 11 16 00-0231	EA		3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	13.26 -0.32 3.34 2.44	7.39
22 11 16 00-0232	EA		1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.42 -0.20 3.34 1.48	7.39
22 11 16 00-0233	EA		3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	12.80 -0.25 3.34 1.92	7.39
22 11 16 00-0234	EA		1" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.18 -0.33 3.59 2.52	8.02
22 11 16 00-0235	EA		1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.77 -0.42 3.89 3.19	8.64

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0236	EA 1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	16.32 -0.50 3.89 3.82	8.64
22 11 16 00-0237	EA 2" x 6" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	21.40 -0.70 5.02 5.31	11.13
22 11 16 00-0238	EA 2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	30.84 -1.52 6.22 11.51	13.85
22 11 16 00-0239	EA 3" x 6" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	38.58 -2.02 7.53 15.38	16.73
22 11 16 00-0240	EA 4" x 6" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	48.49 -2.73 9.08 20.76	20.22
22 11 16 00-0241	EA 3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.66 -1.28 3.34 9.74	7.39
22 11 16 00-0242	EA 1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	13.40 -0.34 3.34 2.60	7.39
22 11 16 00-0243	EA 3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.04 -0.44 3.34 3.33	7.39
22 11 16 00-0244	EA 1" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.67 -0.56 3.59 4.22	8.02
22 11 16 00-0245	EA 1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	17.51 -0.68 3.89 5.18	8.64
22 11 16 00-0246	EA 1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	18.17 -0.78 3.89 5.93	8.64
22 11 16 00-0247	EA 2" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	24.33 -1.14 5.02 8.65	11.13
22 11 16 00-0248	EA 2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	33.74 -1.95 6.22 14.82	13.85
22 11 16 00-0249	EA 3" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	43.26 -2.73 7.53 20.71	16.73
22 11 16 00-0250	EA 4" x 8" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	52.01 -3.26 9.08 24.77	20.22
22 11 16 00-0251	EA 3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	15.20 -0.61 3.34 4.65	7.39
22 11 16 00-0252	EA 1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	13.83 -0.41 3.34 3.09	7.39
22 11 16 00-0253	EA 3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	14.36 -0.49 3.34 3.69	7.39
22 11 16 00-0254	EA 1" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	16.20 -0.63 3.59 4.82	8.02
22 11 16 00-0255	EA 1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	18.39 -0.81 3.89 6.18	8.64
22 11 16 00-0256	EA 1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	19.04 -0.91 3.89 6.92	8.64
22 11 16 00-0257	EA 2" x 10" Long, Schedule 40 Galvanized Steel Nipple..... For ASTM 120, Deduct For Work In Restricted Working Space, Add For Schedule 80 Nipples, Add	25.62 -1.33 5.02 10.12	11.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0258	EA		2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	35.56 -2.22 6.22 16.89	13.85
22 11 16 00-0259	EA		3" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	45.82 -3.11 7.53 23.63	16.73
22 11 16 00-0260	EA		4" x 10" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	55.47 -3.78 9.08 28.72	20.22
22 11 16 00-0261	EA		3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	15.64 -0.68 3.34 5.15	7.39
22 11 16 00-0262	EA		1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.21 -0.46 3.34 3.52	7.39
22 11 16 00-0263	EA		3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	14.75 -0.54 3.34 4.14	7.39
22 11 16 00-0264	EA		1" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	16.89 -0.74 3.59 5.61	8.02
22 11 16 00-0265	EA		1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.48 -0.98 3.89 7.42	8.64
22 11 16 00-0266	EA		1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	19.91 -1.04 3.89 7.91	8.64
22 11 16 00-0267	EA		2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	26.93 -1.53 5.02 11.62	11.13
22 11 16 00-0268	EA		2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	37.32 -2.49 6.22 18.90	13.85
22 11 16 00-0269	EA		3" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	48.40 -3.50 7.53 26.57	16.73
22 11 16 00-0270	EA		4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Nipples, Add</i>	58.95 -4.30 9.08 32.68	20.22
22 11 16 00-0271			Galvanized Malleable Iron Square Head Plugs (22 11 16 00-0013)		
22 11 16 00-0272	EA		1/2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	11.18 2.49 10.29	5.53
22 11 16 00-0273	EA		3/4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	12.17 2.79 10.35	6.22
22 11 16 00-0274	EA		1", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	13.53 3.11 11.37	6.93
22 11 16 00-0275	EA		1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	16.60 3.52 17.23	7.85
22 11 16 00-0276	EA		1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	19.79 3.97 23.06	8.79
22 11 16 00-0277	EA		2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	25.15 5.05 29.33	11.21
22 11 16 00-0278	EA		2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	41.14 7.47 56.74	16.58
22 11 16 00-0279	EA		3", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	55.82 9.83 80.34	21.86
22 11 16 00-0280	EA		4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	83.19 10.60 164.84	23.54
22 11 16 00-0281	EA		5", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	124.68 11.06 300.77	24.61
22 11 16 00-0282	EA		6", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	133.48 11.57 325.08	25.67

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 16 00-0283 Galvanized Malleable Iron Bushing (22 11 16 00-0013)				
22 11 16 00-0284	EA 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	25.89		14.63
	For Work In Restricted Working Space, Add	6.59		
22 11 16 00-0285	EA 1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	28.02		15.56
	For Work In Restricted Working Space, Add	7.00		
22 11 16 00-0286	EA 1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	29.01		16.41
	For Work In Restricted Working Space, Add	7.37		
22 11 16 00-0287	EA 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	31.60		16.73
	For Work In Restricted Working Space, Add	7.52		
22 11 16 00-0288	EA 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	32.25		17.50
	For Work In Restricted Working Space, Add	7.89		
22 11 16 00-0289	EA 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing	33.60		18.44
	For Work In Restricted Working Space, Add	8.29		
22 11 16 00-0290	EA 1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	35.59		17.97
	For Work In Restricted Working Space, Add	8.08		
22 11 16 00-0291	EA 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	36.83		18.75
	For Work In Restricted Working Space, Add	8.45		
22 11 16 00-0292	EA 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	37.32		19.69
	For Work In Restricted Working Space, Add	8.85		
22 11 16 00-0293	EA 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	38.43		20.85
	For Work In Restricted Working Space, Add	9.37		
22 11 16 00-0294	EA 2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing	42.21		20.93
	For Work In Restricted Working Space, Add	9.42		
22 11 16 00-0295	EA 2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	42.70		21.78
	For Work In Restricted Working Space, Add	9.79		
22 11 16 00-0296	EA 2" x 1", 150 LB, Galvanized Malleable Iron Bushing	43.51		22.64
	For Work In Restricted Working Space, Add	10.20		
22 11 16 00-0297	EA 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	45.22		23.81
	For Work In Restricted Working Space, Add	10.71		
22 11 16 00-0298	EA 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	45.92		25.05
	For Work In Restricted Working Space, Add	11.27		
22 11 16 00-0299	EA 2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	58.39		28.48
	For Work In Restricted Working Space, Add	12.82		
22 11 16 00-0300	EA 2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing	59.74		29.40
	For Work In Restricted Working Space, Add	13.23		
22 11 16 00-0301	EA 2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	61.45		30.50
	For Work In Restricted Working Space, Add	13.74		
22 11 16 00-0302	EA 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	63.04		31.82
	For Work In Restricted Working Space, Add	14.30		
22 11 16 00-0303	EA 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing	65.76		34.78
	For Work In Restricted Working Space, Add	15.65		
22 11 16 00-0304	EA 3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	73.23		35.01
	For Work In Restricted Working Space, Add	15.77		
22 11 16 00-0305	EA 3" x 1", 150 LB, Galvanized Malleable Iron Bushing	74.57		35.95
	For Work In Restricted Working Space, Add	16.17		
22 11 16 00-0306	EA 3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	76.29		37.11
	For Work In Restricted Working Space, Add	16.69		
22 11 16 00-0307	EA 3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	77.75		38.36
	For Work In Restricted Working Space, Add	17.25		
22 11 16 00-0308	EA 3" x 2", 150 LB, Galvanized Malleable Iron Bushing	80.34		41.32
	For Work In Restricted Working Space, Add	18.59		
22 11 16 00-0309	EA 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	91.50		48.08
	For Work In Restricted Working Space, Add	21.62		
22 11 16 00-0310	EA 4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing	98.76		36.94
	For Work In Restricted Working Space, Add	16.64		
22 11 16 00-0311	EA 4" x 1", 150 LB, Galvanized Malleable Iron Bushing	100.07		37.85
	For Work In Restricted Working Space, Add	17.03		
22 11 16 00-0312	EA 4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing	101.74		38.99
	For Work In Restricted Working Space, Add	17.54		
22 11 16 00-0313	EA 4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing	103.56		40.20
	For Work In Restricted Working Space, Add	18.08		
22 11 16 00-0314	EA 4" x 2", 150 LB, Galvanized Malleable Iron Bushing	102.82		43.08
	For Work In Restricted Working Space, Add	19.39		
22 11 16 00-0315	EA 4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing	117.73		49.66
	For Work In Restricted Working Space, Add	22.33		
22 11 16 00-0316	EA 4" x 3", 150 LB, Galvanized Malleable Iron Bushing	124.45		56.02
	For Work In Restricted Working Space, Add	25.21		
22 11 16 00-0317 Galvanized Malleable Iron Floor Flange (22 11 16 00-0013)				
22 11 16 00-0318	EA 1/2", 150 LB, Galvanized Malleable Iron Floor Flange	48.59		28.43
22 11 16 00-0319	EA 3/4", 150 LB, Galvanized Malleable Iron Floor Flange	53.10		31.12
22 11 16 00-0320	EA 1", 150 LB, Galvanized Malleable Iron Floor Flange	61.09		35.16
22 11 16 00-0321	EA 1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange	63.51		36.41
22 11 16 00-0322	EA 1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange	69.12		39.61
22 11 16 00-0323	EA 2", 150 LB, Galvanized Malleable Iron Floor Flange	74.67		41.32
22 11 16 00-0324 Galvanized Cast Iron Flanges (22 11 16 00-0013)				
22 11 16 00-0325	EA 3/4", 125 LB, Galvanized Cast Iron Flange	96.76		31.12
	For Work In Restricted Working Space, Add	14.00		
22 11 16 00-0326	EA 1", 125 LB, Galvanized Cast Iron Flange	91.52		35.16
	For Work In Restricted Working Space, Add	15.82		
22 11 16 00-0327	EA 1-1/4", 125 LB, Galvanized Cast Iron Flange	75.09		36.41
	For Work In Restricted Working Space, Add	16.38		
22 11 16 00-0328	EA 1-1/2", 125 LB, Galvanized Cast Iron Flange	104.93		39.61
	For Work In Restricted Working Space, Add	17.82		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0329	EA		2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	102.03 18.59	41.32
22 11 16 00-0330	EA		2-1/2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	118.55 21.51	47.85
22 11 16 00-0331	EA		3", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	217.50 27.29	60.68
22 11 16 00-0332	EA		4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	198.65 36.33	80.78
22 11 16 00-0333	EA		5", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	265.91 43.25	96.15
22 11 16 00-0334	EA		6", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	295.73 49.68	110.46
22 11 16 00-0335			Cut And Thread Existing In-Place Galvanized Steel Pipe <small>(22 11 16 00-0013)</small> Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0336	EA		1/2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	25.35 7.61	
22 11 16 00-0337	EA		3/4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	27.89 8.37	
22 11 16 00-0338	EA		1", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	30.43 9.13	
22 11 16 00-0339	EA		1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	32.96 9.89	
22 11 16 00-0340	EA		1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	34.65 10.40	
22 11 16 00-0341	EA		2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	36.35 10.91	
22 11 16 00-0342	EA		2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	38.04 11.41	
22 11 16 00-0343	EA		3", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	39.73 11.92	
22 11 16 00-0344	EA		4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	41.41 12.42	
22 11 16 00-0345			Copper Pipe And Fittings <small>(22 11 16)</small> Note: Excludes hangers. See CSI section 22 11 16 00-0870 for pipe with fittings assembly.		
22 11 16 00-0346			Copper Tube/Pipe <small>(22 11 16 00-0345)</small> Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
22 11 16 00-0347			Hard Drawn Type L Copper Tube/Pipe <small>(22 11 16 00-0346)</small>		
22 11 16 00-0348	LF		1/4" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	3.73 0.86 0.07	1.90
22 11 16 00-0349	LF		3/8" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.30 0.89 0.11	1.97
22 11 16 00-0350	LF		1/2" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.74 0.93 0.13	2.06
22 11 16 00-0351	LF		3/4" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	5.80 0.98 0.20	2.18
22 11 16 00-0352	LF		1" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	7.31 1.11 0.29	2.46
22 11 16 00-0353	LF		1-1/4" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	10.56 1.65 0.41	3.66
22 11 16 00-0354	LF		1-1/2" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	13.27 1.84 0.57	4.09
22 11 16 00-0355	LF		2" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	22.44 2.27 1.19	5.03
22 11 16 00-0356	LF		2-1/2" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	39.45 5.66 1.65	6.29
22 11 16 00-0357	LF		3" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	46.50 6.28 2.05	6.98
22 11 16 00-0358	LF		4" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	64.57 7.08 3.28	7.87
22 11 16 00-0359	LF		5" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	140.58 8.14 9.08	9.04
22 11 16 00-0360	LF		6" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	171.13 12.60 10.33	14.01
22 11 16 00-0361	LF		8" Hard Drawn Type L Copper Tube/Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	280.16 14.01 18.68	15.58
22 11 16 00-0362			Hard Drawn Type K Copper Tube/Pipe <small>(22 11 16 00-0346)</small>		

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
22 11 16 00-0363	LF	1/4"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	4.07 0.92 0.08	2.04
22 11 16 00-0364	LF	3/8"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	5.31 1.05 0.14	2.34
22 11 16 00-0365	LF	1/2"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	5.39 1.02 0.16	2.27
22 11 16 00-0366	LF	3/4"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	7.51 1.19 0.28	2.64
22 11 16 00-0367	LF	1"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	8.85 1.26 0.37	2.81
22 11 16 00-0368	LF	1-1/4"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	11.94 1.79 0.48	3.98
22 11 16 00-0369	LF	1-1/2"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	15.23 2.01 0.68	4.48
22 11 16 00-0370	LF	2"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	25.74 2.46 1.40	5.48
22 11 16 00-0371	LF	2-1/2"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	44.90 6.17 1.95	13.73
22 11 16 00-0372	LF	3"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	53.75 6.91 2.46	15.36
22 11 16 00-0373	LF	4"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	75.66 7.82 3.97	17.40
22 11 16 00-0374	LF	5"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	174.97 9.23 11.54	20.53
22 11 16 00-0375	LF	6"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	225.59 14.89 14.08	33.11
22 11 16 00-0376	LF	8"	Hard Drawn Type K Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Medical/Oxygen Service Tubing, Add</i>	367.99 16.41 25.06	36.48
22 11 16 00-0377			Hard Drawn Type M Copper Tube/Pipe (22 11 16 00-0346)		
22 11 16 00-0378	LF	1/4"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	3.23 0.74	1.64
22 11 16 00-0379	LF	3/8"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	3.34 0.71	1.58
22 11 16 00-0380	LF	1/2"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	3.62 0.74	1.63
22 11 16 00-0381	LF	3/4"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	4.42 0.78	1.73
22 11 16 00-0382	LF	1"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	5.47 0.87	1.93
22 11 16 00-0383	LF	1-1/4"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	8.38 1.34	2.98
22 11 16 00-0384	LF	1-1/2"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	11.03 1.54	3.42
22 11 16 00-0385	LF	2"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	18.79 1.91	4.25
22 11 16 00-0386	LF	2-1/2"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	34.01 5.15	11.44
22 11 16 00-0387	LF	3"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	39.46 5.66	12.59
22 11 16 00-0388	LF	4"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	57.51 6.61	14.69
22 11 16 00-0389	LF	5"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	124.73 7.63	16.96
22 11 16 00-0390	LF	6"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	152.29 11.81	26.26
22 11 16 00-0391	LF	8"	Hard Drawn Type M Copper Tube/Pipe <i>For Work In Restricted Working Space, Add</i>	242.92 13.00	28.89
22 11 16 00-0392			Soft Drawn Type L Copper Tube (22 11 16 00-0346)		
22 11 16 00-0393	LF	1/4"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	3.80 0.86	0.21
22 11 16 00-0394	LF	3/8"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	4.45 0.89	1.97
22 11 16 00-0395	LF	1/2"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	5.03 0.93	2.06
22 11 16 00-0396	LF	5/8"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	5.77 0.96	2.13
22 11 16 00-0397	LF	3/4"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	6.23 0.98	2.18
22 11 16 00-0398	LF	1"	Soft Drawn Type L Copper Tube <i>For Work In Restricted Working Space, Add</i>	7.92 1.11	2.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0399	LF		1-1/4" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	11.90 1.65	3.66
22 11 16 00-0400	LF		1-1/2" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	14.34 1.84	4.09
22 11 16 00-0401	LF		2" Soft Drawn Type L Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	21.01 2.27	5.03
22 11 16 00-0402			Soft Drawn Type K Copper Tube (22 11 16 00-0346)		
22 11 16 00-0403	LF		1/4" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	3.99 0.86	0.21
22 11 16 00-0404	LF		3/8" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	5.01 0.89	1.97
22 11 16 00-0405	LF		1/2" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	5.38 0.93	2.06
22 11 16 00-0406	LF		5/8" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	6.12 0.96	2.13
22 11 16 00-0407	LF		3/4" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	7.32 0.98	2.18
22 11 16 00-0408	LF		1" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	9.08 1.11	2.46
22 11 16 00-0409	LF		1-1/4" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	12.76 1.65	3.66
22 11 16 00-0410	LF		1-1/2" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	15.67 1.84	4.09
22 11 16 00-0411	LF		2" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	22.76 2.27	5.03
22 11 16 00-0412	LF		2-1/2" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	27.32 2.72	6.04
22 11 16 00-0413	LF		3" Soft Drawn Type K Copper Tube..... <i>For Work In Restricted Working Space, Add</i>	36.22 3.21	7.13
22 11 16 00-0414			Copper And Brass Fittings (22 11 16 00-0346)		
			Note: All fittings are based on 95/5 solder.		
22 11 16 00-0415			90 Degree Copper Elbows (22 11 16 00-0414)		
22 11 16 00-0416	EA		1/4" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.00 -1.75 2.54 0.44 5.07 2.59	11.27
22 11 16 00-0417	EA		3/8" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.45 -2.09 3.04 0.47 6.08 3.10	13.53
22 11 16 00-0418	EA		1/2" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.27 -2.81 4.18 0.15 8.37 4.20	18.59
22 11 16 00-0419	EA		3/4" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	35.50 -3.51 5.20 0.34 10.40 5.24	23.16
22 11 16 00-0420	EA		1" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	43.50 -4.25 6.21 0.83 12.43 6.32	27.64
22 11 16 00-0421	EA		1-1/4" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	47.90 -4.63 6.72 1.24 13.44 6.87	29.92
22 11 16 00-0422	EA		1-1/2" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	53.88 -5.15 7.35 1.94 14.71 7.60	32.71
22 11 16 00-0423	EA		2" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Street Fitting, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	63.80 -5.94 8.24 3.54 16.48 8.68	36.68
22 11 16 00-0424	EA		2-1/2" 90 Degree Copper Elbow..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	73.40 -6.47 8.40 16.81 9.27	37.35

22 Plumbing

22 10 Plumbing Piping

22 11 Facility Water Distribution



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0425	EA 3" 90 Degree Copper Elbow	91.42	44.66
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.92	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.04	
	For Work In Restricted Working Space, Add	20.07	
	For Silver Solder Instead Of 95/5 Solder, Add	11.26	
22 11 16 00-0426	EA 4" 90 Degree Copper Elbow	154.38	63.33
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.47	
	For Brazed Fittings Instead Of 95/5 Solder, Add	14.24	
	For Work In Restricted Working Space, Add	28.48	
	For Silver Solder Instead Of 95/5 Solder, Add	17.21	
22 11 16 00-0427	EA 5" 90 Degree Copper Elbow	379.03	86.67
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-25.45	
	For Brazed Fittings Instead Of 95/5 Solder, Add	19.49	
	For Work In Restricted Working Space, Add	38.98	
	For Silver Solder Instead Of 95/5 Solder, Add	31.94	
22 11 16 00-0428	EA 6" 90 Degree Copper Elbow	521.13	126.12
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-35.51	
	For Brazed Fittings Instead Of 95/5 Solder, Add	28.36	
	For Work In Restricted Working Space, Add	56.72	
	For Silver Solder Instead Of 95/5 Solder, Add	44.96	
22 11 16 00-0429	EA 8" 90 Degree Copper Elbow	1,480.58	168.13
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-86.63	
	For Brazed Fittings Instead Of 95/5 Solder, Add	37.81	
	For Work In Restricted Working Space, Add	75.62	
	For Silver Solder Instead Of 95/5 Solder, Add	99.24	
22 11 16 00-0430 90 Degree Brass Elbows (22 11 16 00-0414)			
22 11 16 00-0431	EA 1/2" Drop Ear 90 Degree Brass Elbow	30.26	18.59
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.91	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.37	
	For Silver Solder Instead Of 95/5 Solder, Add	4.30	
22 11 16 00-0432	EA 3/4" Drop Ear 90 Degree Brass Elbow	41.57	23.16
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.81	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
	For Work In Restricted Working Space, Add	10.40	
	For Silver Solder Instead Of 95/5 Solder, Add	5.54	
22 11 16 00-0433	EA 1/2" Flanged Sink 90 Degree Brass Elbow	32.22	18.59
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.01	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.37	
	For Silver Solder Instead Of 95/5 Solder, Add	4.40	
22 11 16 00-0434	EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	23.83	13.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.21	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
	For Work In Restricted Working Space, Add	6.08	
	For Silver Solder Instead Of 95/5 Solder, Add	3.22	
22 11 16 00-0435	EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	30.43	18.59
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.92	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.37	
	For Silver Solder Instead Of 95/5 Solder, Add	4.31	
22 11 16 00-0436	EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	39.12	23.16
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.69	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
	For Work In Restricted Working Space, Add	10.40	
	For Silver Solder Instead Of 95/5 Solder, Add	5.42	
22 11 16 00-0437	EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded.....	55.70	27.64
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.86	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
	For Work In Restricted Working Space, Add	12.43	
	For Silver Solder Instead Of 95/5 Solder, Add	6.93	
22 11 16 00-0438 Reducing 90 Degree Copper Elbows (22 11 16 00-0414)			
22 11 16 00-0439	EA 1/2" Reducing 90 Degree Copper Elbow	30.96	18.59
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.94	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.18	
	For Work In Restricted Working Space, Add	8.37	
	For Silver Solder Instead Of 95/5 Solder, Add	4.34	
22 11 16 00-0440	EA 3/4" Reducing 90 Degree Copper Elbow	36.82	23.16
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.57	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
	For Work In Restricted Working Space, Add	10.40	
	For Silver Solder Instead Of 95/5 Solder, Add	5.31	
22 11 16 00-0441	EA 1" Reducing 90 Degree Copper Elbow	45.41	27.64
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.34	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
	For Work In Restricted Working Space, Add	12.43	
	For Silver Solder Instead Of 95/5 Solder, Add	6.41	
22 11 16 00-0442	EA 1-1/4" Reducing 90 Degree Copper Elbow	54.95	29.92
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.99	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.72	
	For Work In Restricted Working Space, Add	13.44	
	For Silver Solder Instead Of 95/5 Solder, Add	7.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0443	EA		1-1/2" Reducing 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	62.38 -5.57 7.35 14.71 8.02	32.71
22 11 16 00-0444	EA		2" Reducing 90 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	72.92 -6.39 8.24 16.48 9.14	36.68
22 11 16 00-0445			45 Degree Copper Elbows (22 11 16 00-0414)		
22 11 16 00-0446	EA		1/4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	18.96 -1.79 2.54 0.82 5.07 2.64	11.27
22 11 16 00-0447	EA		3/8" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	22.04 -2.12 3.04 0.70 6.08 3.13	13.53
22 11 16 00-0448	EA		1/2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	28.58 -2.82 4.18 0.28 8.37 4.22	18.59
22 11 16 00-0449	EA		3/4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	35.84 -3.52 5.20 0.48 10.40 5.26	23.16
22 11 16 00-0450	EA		1" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	44.38 -4.29 6.21 1.18 12.43 6.36	27.64
22 11 16 00-0451	EA		1-1/4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	48.80 -4.68 6.72 1.60 13.44 6.92	29.92
22 11 16 00-0452	EA		1-1/2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Street Fitting, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	53.94 -5.15 7.35 1.97 14.71 7.60	32.71
22 11 16 00-0453	EA		2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	63.15 -5.90 8.24 16.48 8.65	36.68
22 11 16 00-0454	EA		2-1/2" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	73.19 -6.46 8.40 16.81 9.26	37.35
22 11 16 00-0455	EA		3" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	92.38 -7.96 10.04 20.07 11.31	44.66
22 11 16 00-0456	EA		4" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	149.24 -12.21 14.24 28.48 16.95	63.33
22 11 16 00-0457	EA		5" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	340.29 -23.51 19.49 38.98 30.01	86.67
22 11 16 00-0458	EA		6" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	520.57 -35.48 28.36 56.72 44.93	126.12
22 11 16 00-0459	EA		8" 45 Degree Copper Elbow For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	1,378.52 -81.53 37.81 75.62 94.13	168.13

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0460	Straight Copper And Brass Tees (22 11 16 00-0414)		
22 11 16 00-0461	EA 1/4" Straight Copper Tee .....27.66	16.90	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.65	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.80	
	For Work In Restricted Working Space, Add	7.61	
	For Silver Solder Instead Of 95/5 Solder, Add	3.92	
22 11 16 00-0462	EA 3/8" Straight Copper Tee .....32.29	20.28	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.14	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.56	
	For Work In Restricted Working Space, Add	9.13	
	For Silver Solder Instead Of 95/5 Solder, Add	4.66	
22 11 16 00-0463	EA 1/2" Straight Copper Tee .....42.91	28.23	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.26	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.34	
	For Work In Restricted Working Space, Add	12.68	
	For Silver Solder Instead Of 95/5 Solder, Add	6.37	
22 11 16 00-0464	EA 3/4" Straight Copper Tee .....53.95	34.99	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.32	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.86	
	For Work In Restricted Working Space, Add	15.72	
	For Silver Solder Instead Of 95/5 Solder, Add	7.94	
22 11 16 00-0465	EA 1" Straight Copper Tee .....67.22	41.75	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.49	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.38	
	For Work In Restricted Working Space, Add	18.77	
	For Silver Solder Instead Of 95/5 Solder, Add	9.62	
22 11 16 00-0466	EA 1-1/4" Straight Copper Tee .....74.13	45.13	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.09	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.14	
	For Work In Restricted Working Space, Add	20.29	
	For Silver Solder Instead Of 95/5 Solder, Add	10.47	
22 11 16 00-0467	EA 1-1/2" Straight Copper Tee .....83.39	49.02	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.85	
	For Brazed Fittings Instead Of 95/5 Solder, Add	11.03	
	For Work In Restricted Working Space, Add	22.06	
	For Silver Solder Instead Of 95/5 Solder, Add	11.52	
22 11 16 00-0468	EA 2" Straight Copper Tee .....98.49	55.28	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.07	
	For Brazed Fittings Instead Of 95/5 Solder, Add	12.42	
	For Work In Restricted Working Space, Add	24.85	
	For Silver Solder Instead Of 95/5 Solder, Add	13.21	
22 11 16 00-0469	EA 2-1/2" Straight Copper Tee .....115.00	56.02	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.95	
	For Brazed Fittings Instead Of 95/5 Solder, Add	12.60	
	For Work In Restricted Working Space, Add	25.21	
	For Silver Solder Instead Of 95/5 Solder, Add	14.15	
22 11 16 00-0470	EA 3" Straight Copper Tee .....148.46	67.46	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.48	
	For Brazed Fittings Instead Of 95/5 Solder, Add	15.17	
	For Work In Restricted Working Space, Add	30.34	
	For Silver Solder Instead Of 95/5 Solder, Add	17.54	
22 11 16 00-0471	EA 4" Straight Copper Tee .....256.13	94.46	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-19.89	
	For Brazed Fittings Instead Of 95/5 Solder, Add	21.24	
	For Work In Restricted Working Space, Add	42.48	
	For Silver Solder Instead Of 95/5 Solder, Add	26.97	
22 11 16 00-0472	EA 5" Straight Copper Tee .....568.14	129.23	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-38.09	
	For Brazed Fittings Instead Of 95/5 Solder, Add	29.06	
	For Work In Restricted Working Space, Add	58.12	
	For Silver Solder Instead Of 95/5 Solder, Add	47.78	
22 11 16 00-0473	EA 6" Straight Copper Tee .....795.79	189.45	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-53.99	
	For Brazed Fittings Instead Of 95/5 Solder, Add	42.60	
	For Work In Restricted Working Space, Add	85.19	
	For Silver Solder Instead Of 95/5 Solder, Add	68.19	
22 11 16 00-0474	EA 8" Straight Copper Tee .....2,352.41	252.23	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-136.53	
	For Brazed Fittings Instead Of 95/5 Solder, Add	56.72	
	For Work In Restricted Working Space, Add	113.44	
	For Silver Solder Instead Of 95/5 Solder, Add	155.43	
22 11 16 00-0475	EA 1/2" Cast Bronze Drop Ear Tee .....46.26	28.23	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.43	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.34	
	For Work In Restricted Working Space, Add	12.68	
	For Silver Solder Instead Of 95/5 Solder, Add	6.54	
22 11 16 00-0476	Reducing Copper Tees (22 11 16 00-0414)		
22 11 16 00-0477	EA 3/8" Reducing Copper Tee.....30.73	18.01	
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.89	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.06	
	For Work In Restricted Working Space, Add	8.12	
	For Silver Solder Instead Of 95/5 Solder, Add	4.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0478	EA		1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	41.27 -3.97 5.71 11.41 5.87	25.35
22 11 16 00-0479	EA		3/4" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	50.67 -4.98 7.35 14.71 7.44	32.71
22 11 16 00-0480	EA		1" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	64.40 -6.18 8.87 17.75 9.14	39.47
22 11 16 00-0481	EA		1-1/4" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	72.19 -6.82 9.64 19.27 10.03	42.85
22 11 16 00-0482	EA		1-1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	81.40 -7.58 10.52 21.05 11.09	46.82
22 11 16 00-0483	EA		2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	94.84 -8.67 11.79 23.58 12.60	52.40
22 11 16 00-0484	EA		2-1/2" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	114.84 -9.79 12.14 24.27 13.83	54.00
22 11 16 00-0485	EA		3" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	149.08 -12.12 14.00 28.01 16.79	62.24
22 11 16 00-0486	EA		4" Reducing Copper Tee For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	232.46 -17.38 17.27 34.55 23.14	76.79
22 11 16 00-0487			Copper Couplings (22 11 16 00-0414)		
22 11 16 00-0488	EA		1/4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	17.12 -1.70 2.54 5.07 2.55	11.27
22 11 16 00-0489	EA		3/8" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	20.57 -2.04 3.04 6.08 3.06	13.53
22 11 16 00-0490	EA		1/2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	28.13 -2.80 4.18 8.37 4.20	18.59
22 11 16 00-0491	EA		3/4" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	35.14 -3.49 5.20 10.40 5.22	23.16
22 11 16 00-0492	EA		1" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	42.40 -4.19 6.21 12.43 6.26	27.64
22 11 16 00-0493	EA		1-1/4" Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	46.51 -4.57 6.72 13.44 6.80	29.92
22 11 16 00-0494	EA		1-1/2" Copper Coupling For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	51.30 -5.02 7.35 14.71 7.47	32.71
22 11 16 00-0495	EA		2" Copper Coupling..... For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Brazed Fittings Instead Of 95/5 Solder, Add For Work In Restricted Working Space, Add For Silver Solder Instead Of 95/5 Solder, Add	58.73 -5.68 8.24 16.48 8.43	36.35

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0496	EA 2-1/2" Copper Coupling.....	60.70	35.33
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.68	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.94	
	For Work In Restricted Working Space, Add	15.87	
	For Silver Solder Instead Of 95/5 Solder, Add	8.33	
22 11 16 00-0497	EA 3" Copper Coupling.....	74.39	42.79
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.91	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.57	
	For Work In Restricted Working Space, Add	19.14	
	For Silver Solder Instead Of 95/5 Solder, Add	10.10	
22 11 16 00-0498	EA 4" Copper Coupling.....	108.94	57.57
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.73	
	For Brazed Fittings Instead Of 95/5 Solder, Add	12.84	
	For Work In Restricted Working Space, Add	25.67	
	For Silver Solder Instead Of 95/5 Solder, Add	14.01	
22 11 16 00-0499	EA 5" Copper Coupling.....	165.39	105.03
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.10	
	For Brazed Fittings Instead Of 95/5 Solder, Add	17.51	
	For Work In Restricted Working Space, Add	35.01	
	For Silver Solder Instead Of 95/5 Solder, Add	19.94	
22 11 16 00-0500	EA 6" Copper Coupling.....	251.63	114.13
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-21.14	
	For Brazed Fittings Instead Of 95/5 Solder, Add	25.68	
	For Work In Restricted Working Space, Add	51.35	
	For Silver Solder Instead Of 95/5 Solder, Add	29.70	
22 11 16 00-0501	EA 8" Copper Coupling.....	488.00	151.32
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-35.76	
	For Brazed Fittings Instead Of 95/5 Solder, Add	34.08	
	For Work In Restricted Working Space, Add	68.15	
	For Silver Solder Instead Of 95/5 Solder, Add	47.12	
22 11 16 00-0502	Reducing Copper Couplings (22 11 16 00-0414)		
22 11 16 00-0503	EA 3/8" Reducing Copper Coupling.....	17.38	11.24
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.71	
	For Brazed Fittings Instead Of 95/5 Solder, Add	2.54	
	For Work In Restricted Working Space, Add	5.07	
	For Silver Solder Instead Of 95/5 Solder, Add	2.56	
22 11 16 00-0504	EA 1/2" Reducing Copper Coupling.....	24.59	16.05
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.43	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.61	
	For Work In Restricted Working Space, Add	7.23	
	For Silver Solder Instead Of 95/5 Solder, Add	3.64	
22 11 16 00-0505	EA 3/4" Reducing Copper Coupling.....	32.14	20.88
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.17	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.69	
	For Work In Restricted Working Space, Add	9.38	
	For Silver Solder Instead Of 95/5 Solder, Add	4.73	
22 11 16 00-0506	EA 1" Reducing Copper Coupling.....	39.62	25.35
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.88	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.71	
	For Work In Restricted Working Space, Add	11.41	
	For Silver Solder Instead Of 95/5 Solder, Add	5.79	
22 11 16 00-0507	EA 1-1/4" Reducing Copper Coupling.....	45.30	28.74
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.42	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.47	
	For Work In Restricted Working Space, Add	12.93	
	For Silver Solder Instead Of 95/5 Solder, Add	6.58	
22 11 16 00-0508	EA 1-1/2" Reducing Copper Coupling.....	50.53	31.27
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.87	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.04	
	For Work In Restricted Working Space, Add	14.07	
	For Silver Solder Instead Of 95/5 Solder, Add	7.22	
22 11 16 00-0509	EA 2" Reducing Copper Coupling.....	57.60	34.65
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.48	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.80	
	For Work In Restricted Working Space, Add	15.59	
	For Silver Solder Instead Of 95/5 Solder, Add	8.08	
22 11 16 00-0510	EA 2-1/2" Reducing Copper Coupling.....	64.85	35.56
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.91	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.99	
	For Work In Restricted Working Space, Add	15.99	
	For Silver Solder Instead Of 95/5 Solder, Add	8.57	
22 11 16 00-0511	EA 3" Reducing Copper Coupling.....	75.76	41.24
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.86	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.22	
	For Work In Restricted Working Space, Add	18.44	
	For Silver Solder Instead Of 95/5 Solder, Add	9.94	
22 11 16 00-0512	EA 4" Reducing Copper Coupling.....	109.28	54.00
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.51	
	For Brazed Fittings Instead Of 95/5 Solder, Add	12.14	
	For Work In Restricted Working Space, Add	24.27	
	For Silver Solder Instead Of 95/5 Solder, Add	13.56	
22 11 16 00-0513	EA 5" Reducing Copper Coupling.....	223.75	75.23
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-16.83	
	For Brazed Fittings Instead Of 95/5 Solder, Add	16.92	
	For Work In Restricted Working Space, Add	33.84	
	For Silver Solder Instead Of 95/5 Solder, Add	22.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0514	EA		6" Reducing Copper Coupling	323.51	101.14
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-23.76	
			For Brazed Fittings Instead Of 95/5 Solder, Add	22.76	
			For Work In Restricted Working Space, Add	45.51	
			For Silver Solder Instead Of 95/5 Solder, Add	31.35	
22 11 16 00-0515	EA		8" Reducing Copper Coupling	585.15	147.38
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-40.31	
			For Brazed Fittings Instead Of 95/5 Solder, Add	33.14	
			For Work In Restricted Working Space, Add	66.29	
			For Silver Solder Instead Of 95/5 Solder, Add	51.35	
22 11 16 00-0516			Male Copper Adapters (22 11 16 00-0414)		
22 11 16 00-0517	EA		1/4" Male Copper Adapter	20.80	10.99
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.89	
			For Brazed Fittings Instead Of 95/5 Solder, Add	2.54	
			For Work In Restricted Working Space, Add	5.07	
			For Silver Solder Instead Of 95/5 Solder, Add	2.73	
22 11 16 00-0518	EA		3/8" Male Copper Adapter	22.22	13.53
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.13	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
			For Work In Restricted Working Space, Add	6.08	
			For Silver Solder Instead Of 95/5 Solder, Add	3.14	
22 11 16 00-0519	EA		1/2" Male Copper Adapter	26.14	16.90
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.57	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.80	
			For Work In Restricted Working Space, Add	7.61	
			For Silver Solder Instead Of 95/5 Solder, Add	3.84	
22 11 16 00-0520	EA		3/4" Male Copper Adapter	32.60	21.13
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.19	
			For Brazed Fittings Instead Of 95/5 Solder, Add	4.69	
			For Work In Restricted Working Space, Add	9.38	
			For Silver Solder Instead Of 95/5 Solder, Add	4.76	
22 11 16 00-0521	EA		1" Male Copper Adapter	39.74	24.51
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.80	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.45	
			For Work In Restricted Working Space, Add	10.91	
			For Silver Solder Instead Of 95/5 Solder, Add	5.62	
22 11 16 00-0522	EA		1-1/4" Male Copper Adapter	47.20	27.89
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.47	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.34	
			For Work In Restricted Working Space, Add	12.68	
			For Silver Solder Instead Of 95/5 Solder, Add	6.59	
22 11 16 00-0523	EA		1-1/2" Male Copper Adapter	53.95	32.12
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.11	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.23	
			For Work In Restricted Working Space, Add	14.45	
			For Silver Solder Instead Of 95/5 Solder, Add	7.51	
22 11 16 00-0524	EA		2" Male Copper Adapter	71.48	41.00
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.66	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.26	
			For Work In Restricted Working Space, Add	18.51	
			For Silver Solder Instead Of 95/5 Solder, Add	9.74	
22 11 16 00-0525	EA		2-1/2" Male Copper Adapter	110.54	53.25
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.50	
			For Brazed Fittings Instead Of 95/5 Solder, Add	11.92	
			For Work In Restricted Working Space, Add	23.84	
			For Silver Solder Instead Of 95/5 Solder, Add	13.47	
22 11 16 00-0526	EA		3" Male Copper Adapter	146.97	70.99
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.64	
			For Brazed Fittings Instead Of 95/5 Solder, Add	15.87	
			For Work In Restricted Working Space, Add	31.74	
			For Silver Solder Instead Of 95/5 Solder, Add	17.93	
22 11 16 00-0527	EA		4" Male Copper Adapter	215.20	99.59
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-18.23	
			For Brazed Fittings Instead Of 95/5 Solder, Add	22.41	
			For Work In Restricted Working Space, Add	44.81	
			For Silver Solder Instead Of 95/5 Solder, Add	25.70	
22 11 16 00-0528			Female Copper Adapters (22 11 16 00-0414)		
22 11 16 00-0529	EA		1/4" Female Copper Adapter	19.39	10.99
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.81	
			For Brazed Fittings Instead Of 95/5 Solder, Add	2.54	
			For Work In Restricted Working Space, Add	5.07	
			For Silver Solder Instead Of 95/5 Solder, Add	2.66	
22 11 16 00-0530	EA		3/8" Female Copper Adapter	22.88	13.53
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.16	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
			For Work In Restricted Working Space, Add	6.08	
			For Silver Solder Instead Of 95/5 Solder, Add	3.17	
22 11 16 00-0531	EA		1/2" Female Copper Adapter	26.61	16.90
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.60	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.80	
			For Work In Restricted Working Space, Add	7.61	
			For Silver Solder Instead Of 95/5 Solder, Add	3.87	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0532	EA 3/4" Female Copper Adapter	32.99	21.13
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.21	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.69	
	For Work In Restricted Working Space, Add	9.38	
	For Silver Solder Instead Of 95/5 Solder, Add	4.78	
22 11 16 00-0533	EA 1" Female Copper Adapter	40.29	24.51
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.83	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.45	
	For Work In Restricted Working Space, Add	10.91	
	For Silver Solder Instead Of 95/5 Solder, Add	5.65	
22 11 16 00-0534	EA 1-1/4" Female Copper Adapter	48.04	27.89
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.52	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.34	
	For Work In Restricted Working Space, Add	12.68	
	For Silver Solder Instead Of 95/5 Solder, Add	6.63	
22 11 16 00-0535	EA 1-1/2" Female Copper Adapter	57.21	32.12
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.27	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.23	
	For Work In Restricted Working Space, Add	14.45	
	For Silver Solder Instead Of 95/5 Solder, Add	7.68	
22 11 16 00-0536	EA 2" Female Copper Adapter	73.96	41.00
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.78	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.26	
	For Work In Restricted Working Space, Add	18.51	
	For Silver Solder Instead Of 95/5 Solder, Add	9.87	
22 11 16 00-0537	EA 2-1/2" Female Copper Adapter	117.01	49.02
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.51	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.97	
	For Work In Restricted Working Space, Add	21.94	
	For Silver Solder Instead Of 95/5 Solder, Add	13.16	
22 11 16 00-0538	EA 3" Female Copper Adapter	179.71	70.99
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-14.28	
	For Brazed Fittings Instead Of 95/5 Solder, Add	15.87	
	For Work In Restricted Working Space, Add	31.74	
	For Silver Solder Instead Of 95/5 Solder, Add	19.57	
22 11 16 00-0539	Wrot Copper, Solder Union (22 11 16 00-0414)		
22 11 16 00-0540	EA 1/4" Wrot Copper, Solder Union.....	25.80	13.53
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.30	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
	For Work In Restricted Working Space, Add	6.08	
	For Silver Solder Instead Of 95/5 Solder, Add	3.32	
22 11 16 00-0541	EA 3/8" Wrot Copper, Solder Union.....	30.20	16.32
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.74	
	For Brazed Fittings Instead Of 95/5 Solder, Add	3.68	
	For Work In Restricted Working Space, Add	7.35	
	For Silver Solder Instead Of 95/5 Solder, Add	3.96	
22 11 16 00-0542	EA 1/2" Wrot Copper, Solder Union.....	33.95	20.28
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.22	
	For Brazed Fittings Instead Of 95/5 Solder, Add	4.56	
	For Work In Restricted Working Space, Add	9.13	
	For Silver Solder Instead Of 95/5 Solder, Add	4.74	
22 11 16 00-0543	EA 3/4" Wrot Copper, Solder Union.....	38.98	23.16
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.68	
	For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
	For Work In Restricted Working Space, Add	10.40	
	For Silver Solder Instead Of 95/5 Solder, Add	5.41	
22 11 16 00-0544	EA 1" Wrot Copper, Solder Union.....	48.85	27.64
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.51	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
	For Work In Restricted Working Space, Add	12.43	
	For Silver Solder Instead Of 95/5 Solder, Add	6.58	
22 11 16 00-0545	EA 1-1/4" Wrot Copper, Solder Union.....	56.40	30.43
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.10	
	For Brazed Fittings Instead Of 95/5 Solder, Add	6.85	
	For Work In Restricted Working Space, Add	13.69	
	For Silver Solder Instead Of 95/5 Solder, Add	7.38	
22 11 16 00-0546	EA 1-1/2" Wrot Copper, Solder Union.....	65.89	33.81
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.83	
	For Brazed Fittings Instead Of 95/5 Solder, Add	7.61	
	For Work In Restricted Working Space, Add	15.21	
	For Silver Solder Instead Of 95/5 Solder, Add	8.37	
22 11 16 00-0547	EA 2" Wrot Copper, Solder Union.....	86.72	40.57
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.38	
	For Brazed Fittings Instead Of 95/5 Solder, Add	9.13	
	For Work In Restricted Working Space, Add	18.26	
	For Silver Solder Instead Of 95/5 Solder, Add	10.42	
22 11 16 00-0548	EA 2-1/2" Wrot Copper, Solder Union.....	137.46	44.66
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.22	
	For Brazed Fittings Instead Of 95/5 Solder, Add	10.04	
	For Work In Restricted Working Space, Add	20.07	
	For Silver Solder Instead Of 95/5 Solder, Add	13.56	
22 11 16 00-0549	EA 3" Wrot Copper, Solder Union.....	277.49	63.33
	For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-18.62	
	For Brazed Fittings Instead Of 95/5 Solder, Add	14.24	
	For Work In Restricted Working Space, Add	28.48	
	For Silver Solder Instead Of 95/5 Solder, Add	23.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0550			Cast Bronze, Solder Union (22 11 16 00-0414)		
22 11 16 00-0551	EA		1/4" Cast Bronze, Solder Union.....	27.84	13.53
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.41	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
			For Work In Restricted Working Space, Add	6.08	
			For Silver Solder Instead Of 95/5 Solder, Add	3.42	
22 11 16 00-0552	EA		3/8" Cast Bronze, Solder Union.....	32.12	16.32
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.83	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.68	
			For Work In Restricted Working Space, Add	7.35	
			For Silver Solder Instead Of 95/5 Solder, Add	4.06	
22 11 16 00-0553	EA		1/2" Cast Bronze, Solder Union.....	34.48	20.28
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.25	
			For Brazed Fittings Instead Of 95/5 Solder, Add	4.56	
			For Work In Restricted Working Space, Add	9.13	
			For Silver Solder Instead Of 95/5 Solder, Add	4.77	
22 11 16 00-0554	EA		3/4" Cast Bronze, Solder Union.....	39.73	23.16
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.72	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
			For Work In Restricted Working Space, Add	10.40	
			For Silver Solder Instead Of 95/5 Solder, Add	5.45	
22 11 16 00-0555	EA		1" Cast Bronze, Solder Union.....	50.17	27.64
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.58	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
			For Work In Restricted Working Space, Add	12.43	
			For Silver Solder Instead Of 95/5 Solder, Add	6.65	
22 11 16 00-0556	EA		1-1/4" Cast Bronze, Solder Union.....	59.99	30.43
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.28	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.85	
			For Work In Restricted Working Space, Add	13.69	
			For Silver Solder Instead Of 95/5 Solder, Add	7.56	
22 11 16 00-0557	EA		1-1/2" Cast Bronze, Solder Union.....	69.63	33.81
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.02	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.61	
			For Work In Restricted Working Space, Add	15.21	
			For Silver Solder Instead Of 95/5 Solder, Add	8.55	
22 11 16 00-0558	EA		2" Cast Bronze, Solder Union.....	93.10	40.57
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.70	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.13	
			For Work In Restricted Working Space, Add	18.26	
			For Silver Solder Instead Of 95/5 Solder, Add	10.74	
22 11 16 00-0559	EA		2-1/2" Cast Bronze, Solder Union.....	137.46	44.66
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.22	
			For Brazed Fittings Instead Of 95/5 Solder, Add	10.04	
			For Work In Restricted Working Space, Add	20.07	
			For Silver Solder Instead Of 95/5 Solder, Add	13.56	
22 11 16 00-0560	EA		3" Cast Bronze, Solder Union.....	277.49	63.33
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-18.62	
			For Brazed Fittings Instead Of 95/5 Solder, Add	14.24	
			For Work In Restricted Working Space, Add	28.48	
			For Silver Solder Instead Of 95/5 Solder, Add	23.37	
22 11 16 00-0561			Cast Bronze, Solder X Female Threaded Union (22 11 16 00-0414)		
22 11 16 00-0562	EA		1/4" Cast Bronze, Solder X Female Threaded Union.....	30.59	13.53
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.54	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.04	
			For Work In Restricted Working Space, Add	6.08	
			For Silver Solder Instead Of 95/5 Solder, Add	3.56	
22 11 16 00-0563	EA		3/8" Cast Bronze, Solder X Female Threaded Union.....	35.18	16.32
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.98	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.68	
			For Work In Restricted Working Space, Add	7.35	
			For Silver Solder Instead Of 95/5 Solder, Add	4.21	
22 11 16 00-0564	EA		1/2" Cast Bronze, Solder X Female Threaded Union.....	38.90	20.28
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.47	
			For Brazed Fittings Instead Of 95/5 Solder, Add	4.56	
			For Work In Restricted Working Space, Add	9.13	
			For Silver Solder Instead Of 95/5 Solder, Add	4.99	
22 11 16 00-0565	EA		3/4" Cast Bronze, Solder X Female Threaded Union.....	46.20	23.16
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.04	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.20	
			For Work In Restricted Working Space, Add	10.40	
			For Silver Solder Instead Of 95/5 Solder, Add	5.78	
22 11 16 00-0566	EA		1" Cast Bronze, Solder X Female Threaded Union.....	65.44	27.64
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.34	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
			For Work In Restricted Working Space, Add	12.43	
			For Silver Solder Instead Of 95/5 Solder, Add	7.41	
22 11 16 00-0567	EA		1-1/4" Cast Bronze, Solder X Female Threaded Union.....	90.41	30.43
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.80	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.85	
			For Work In Restricted Working Space, Add	13.69	
			For Silver Solder Instead Of 95/5 Solder, Add	9.08	
22 11 16 00-0568	EA		1-1/2" Cast Bronze, Solder X Female Threaded Union.....	107.43	33.81
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.91	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.61	
			For Work In Restricted Working Space, Add	15.21	
			For Silver Solder Instead Of 95/5 Solder, Add	10.44	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0569	EA 2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	156.86 -10.89 9.13 18.26 13.93	40.57
22 11 16 00-0570	EA 2-1/2" Cast Bronze, Solder X Female Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	248.92 -15.79 10.04 20.07 19.14	44.66
22 11 16 00-0571	Cast Bronze, Solder X Male Threaded Union (22 11 16 00-0414)		
22 11 16 00-0572	EA 1/4" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.13 -2.42 3.04 6.08 3.43	13.53
22 11 16 00-0573	EA 3/8" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	33.68 -2.91 3.68 7.35 4.14	16.32
22 11 16 00-0574	EA 1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	37.12 -3.38 4.56 9.13 4.90	20.28
22 11 16 00-0575	EA 3/4" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	44.69 -3.97 5.20 10.40 5.70	23.16
22 11 16 00-0576	EA 1" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	66.14 -5.38 6.21 12.43 7.45	27.64
22 11 16 00-0577	EA 1-1/4" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	76.30 -6.10 6.85 13.69 8.38	30.43
22 11 16 00-0578	EA 1-1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	82.91 -6.68 7.61 15.21 9.22	33.81
22 11 16 00-0579	EA 2" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	110.32 -8.56 9.13 18.26 11.60	40.57
22 11 16 00-0580	EA 2-1/2" Cast Bronze, Solder X Male Threaded Union..... <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	211.87 -13.94 10.04 20.07 17.28	44.66
22 11 16 00-0581	Copper Caps (22 11 16 00-0414)		
22 11 16 00-0582	EA 1/4" Copper Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.51 -0.33 0.48 0.95 0.49	2.13
22 11 16 00-0583	EA 3/8" Copper Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.92 -0.37 0.51 1.01 0.53	2.25
22 11 16 00-0584	EA 1/2" Copper Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.86 -0.37 0.54 1.08 0.55	2.43
22 11 16 00-0585	EA 3/4" Copper Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.01 -0.48 0.68 1.35 0.70	3.04
22 11 16 00-0586	EA 1" Copper Cap <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.92 -0.63 0.86 1.71 0.92	3.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0587 EA 1-1/4" Copper Cap.....	9.44	5.27
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-0.86	
For Brazed Fittings Instead Of 95/5 Solder, Add	1.17	
For Work In Restricted Working Space, Add	2.35	
For Silver Solder Instead Of 95/5 Solder, Add	1.25	
22 11 16 00-0588 EA 1-1/2" Copper Cap.....	11.54	6.20
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.04	
For Brazed Fittings Instead Of 95/5 Solder, Add	1.38	
For Work In Restricted Working Space, Add	2.76	
For Silver Solder Instead Of 95/5 Solder, Add	1.50	
22 11 16 00-0589 EA 2" Copper Cap.....	24.81	13.81
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.26	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.07	
For Work In Restricted Working Space, Add	6.14	
For Silver Solder Instead Of 95/5 Solder, Add	3.29	
22 11 16 00-0590 EA 2-1/2" Copper Cap.....	44.14	21.01
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.76	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.67	
For Work In Restricted Working Space, Add	9.34	
For Silver Solder Instead Of 95/5 Solder, Add	5.32	
22 11 16 00-0591 EA 3" Copper Cap.....	59.49	27.57
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.02	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.13	
For Work In Restricted Working Space, Add	12.25	
For Silver Solder Instead Of 95/5 Solder, Add	7.06	
22 11 16 00-0592 EA 4" Copper Cap.....	83.83	32.83
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.62	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.29	
For Work In Restricted Working Space, Add	14.59	
For Silver Solder Instead Of 95/5 Solder, Add	9.05	
22 11 16 00-0593 EA 5" Cast Bronze Cap.....	314.93	45.04
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-19.12	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.13	
For Work In Restricted Working Space, Add	20.26	
For Silver Solder Instead Of 95/5 Solder, Add	22.50	
22 11 16 00-0594 EA 6" Cast Bronze Cap.....	579.35	58.36
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-33.29	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.97	
For Work In Restricted Working Space, Add	25.93	
For Silver Solder Instead Of 95/5 Solder, Add	37.61	
22 11 16 00-0595 EA 8" Cast Bronze Cap.....	750.06	84.02
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-43.73	
For Brazed Fittings Instead Of 95/5 Solder, Add	18.67	
For Work In Restricted Working Space, Add	37.34	
For Silver Solder Instead Of 95/5 Solder, Add	49.95	
22 11 16 00-0596 Copper Crosses (22 11 16 00-0414)		
22 11 16 00-0597 EA 1/2" Copper Cross.....	55.68	34.24
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.35	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.70	
For Work In Restricted Working Space, Add	15.41	
For Silver Solder Instead Of 95/5 Solder, Add	7.92	
22 11 16 00-0598 EA 3/4" Copper Cross.....	72.21	42.56
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.80	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.57	
For Work In Restricted Working Space, Add	19.14	
For Silver Solder Instead Of 95/5 Solder, Add	9.99	
22 11 16 00-0599 EA 1" Copper Cross.....	90.55	50.80
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.34	
For Brazed Fittings Instead Of 95/5 Solder, Add	11.44	
For Work In Restricted Working Space, Add	22.88	
For Silver Solder Instead Of 95/5 Solder, Add	12.15	
22 11 16 00-0600 EA 1-1/4" Copper Cross.....	103.02	55.00
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.27	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.37	
For Work In Restricted Working Space, Add	24.74	
For Silver Solder Instead Of 95/5 Solder, Add	13.40	
22 11 16 00-0601 EA 1-1/2" Copper Cross.....	119.55	60.14
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.49	
For Brazed Fittings Instead Of 95/5 Solder, Add	13.54	
For Work In Restricted Working Space, Add	27.08	
For Silver Solder Instead Of 95/5 Solder, Add	15.00	
22 11 16 00-0602 EA 2" Copper Cross.....	156.49	67.46
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.88	
For Brazed Fittings Instead Of 95/5 Solder, Add	15.17	
For Work In Restricted Working Space, Add	30.34	
For Silver Solder Instead Of 95/5 Solder, Add	17.94	
22 11 16 00-0603 EA 2-1/2" Copper Cross.....	239.62	74.69
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.58	
For Brazed Fittings Instead Of 95/5 Solder, Add	16.81	
For Work In Restricted Working Space, Add	33.61	
For Silver Solder Instead Of 95/5 Solder, Add	23.19	

22 11 16 00-0604 Cast Bronze Crosses (22 11 16 00-0414)

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0605	EA		3/8" Cast Bronze Cross.....	43.13	24.89
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.02	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.60	
			<i>For Work In Restricted Working Space, Add</i>	11.21	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.89	
22 11 16 00-0606	EA		1/2" Cast Bronze Cross.....	56.55	34.24
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.40	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.70	
			<i>For Work In Restricted Working Space, Add</i>	15.41	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.96	
22 11 16 00-0607	EA		3/4" Cast Bronze Cross.....	73.89	42.56
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.57	
			<i>For Work In Restricted Working Space, Add</i>	19.14	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.07	
22 11 16 00-0608	EA		1" Cast Bronze Cross.....	93.41	50.80
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.48	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.44	
			<i>For Work In Restricted Working Space, Add</i>	22.88	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.30	
22 11 16 00-0609	EA		1-1/4" Cast Bronze Cross	107.13	55.00
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.48	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.37	
			<i>For Work In Restricted Working Space, Add</i>	24.74	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.60	
22 11 16 00-0610	EA		1-1/2" Cast Bronze Cross	125.40	60.14
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.78	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.54	
			<i>For Work In Restricted Working Space, Add</i>	27.08	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	15.30	
22 11 16 00-0611	EA		2" Cast Bronze Cross.....	167.55	67.46
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.43	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.17	
			<i>For Work In Restricted Working Space, Add</i>	30.34	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.49	
22 11 16 00-0612	EA		2-1/2" Cast Bronze Cross	265.13	74.69
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-18.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.81	
			<i>For Work In Restricted Working Space, Add</i>	33.61	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	24.46	
22 11 16 00-0613			Crimped Copper Fittings (22 11 16 00-0345) Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.		
22 11 16 00-0614			Crimped Copper 90 Degree Elbows (22 11 16 00-0613)		
22 11 16 00-0615	EA		1/2" Crimped Copper 90 Degree Elbow	15.83	10.15
22 11 16 00-0616	EA		3/4" Crimped Copper 90 Degree Elbow	18.37	11.58
22 11 16 00-0617	EA		1" Crimped Copper 90 Degree Elbow	22.81	13.78
22 11 16 00-0618	EA		1-1/4" Crimped Copper 90 Degree Elbow	27.08	15.21
22 11 16 00-0619	EA		1-1/2" Crimped Copper 90 Degree Elbow.....	33.42	16.90
22 11 16 00-0620	EA		2" Crimped Copper 90 Degree Elbow	41.65	20.28
22 11 16 00-0621	EA		2-1/2" Crimped Copper 90 Degree Elbow.....	68.09	23.66
22 11 16 00-0622	EA		3" Crimped Copper 90 Degree Elbow	83.27	28.14
22 11 16 00-0623	EA		4" Crimped Copper 90 Degree Elbow	106.51	37.19
22 11 16 00-0624			Crimped Copper 45 Degree Elbows (22 11 16 00-0613)		
22 11 16 00-0625	EA		1/2" Crimped Copper 45 Degree Elbow	15.93	10.15
22 11 16 00-0626	EA		3/4" Crimped Copper 45 Degree Elbow	18.21	11.58
22 11 16 00-0627	EA		1" Crimped Copper 45 Degree Elbow	23.56	13.78
22 11 16 00-0628	EA		1-1/4" Crimped Copper 45 Degree Elbow.....	26.92	15.21
22 11 16 00-0629	EA		1-1/2" Crimped Copper 45 Degree Elbow.....	32.00	16.90
22 11 16 00-0630	EA		2" Crimped Copper 45 Degree Elbow	39.73	20.28
22 11 16 00-0631	EA		2-1/2" Crimped Copper 45 Degree Elbow.....	57.03	23.66
22 11 16 00-0632	EA		3" Crimped Copper 45 Degree Elbow	73.02	28.14
22 11 16 00-0633	EA		4" Crimped Copper 45 Degree Elbow	98.50	37.19
22 11 16 00-0634			Crimped Copper Straight Tees (22 11 16 00-0613)		
22 11 16 00-0635	EA		1/2" Crimped Copper Straight Tee	23.77	15.21
22 11 16 00-0636	EA		3/4" Crimped Copper Straight Tee	31.68	20.03
22 11 16 00-0637	EA		1" Crimped Copper Straight Tee	36.41	22.22
22 11 16 00-0638	EA		1-1/4" Crimped Copper Straight Tee.....	39.34	22.82
22 11 16 00-0639	EA		1-1/2" Crimped Copper Straight Tee.....	48.82	25.95
22 11 16 00-0640	EA		2" Crimped Copper Straight Tee	57.92	30.43
22 11 16 00-0641	EA		2-1/2" Crimped Copper Straight Tee.....	93.52	35.50
22 11 16 00-0642	EA		3" Crimped Copper Straight Tee	113.73	42.26
22 11 16 00-0643	EA		4" Crimped Copper Straight Tee	154.30	55.78
22 11 16 00-0644			Crimped Copper Reducing Tees (22 11 16 00-0613)		
22 11 16 00-0645	EA		3/4" Crimped Copper Reducing Tee	24.31	14.45
22 11 16 00-0646	EA		1" Crimped Copper Reducing Tee	33.08	19.01
22 11 16 00-0647	EA		1-1/4" Crimped Copper Reducing Tee.....	36.38	21.13
22 11 16 00-0648	EA		1-1/2" Crimped Copper Reducing Tee.....	41.36	21.72
22 11 16 00-0649	EA		2" Crimped Copper Reducing Tee	48.10	24.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0650	EA		2-1/2" Crimped Copper Reducing Tee.....	89.56	27.89
22 11 16 00-0651	EA		3" Crimped Copper Reducing Tee.....	108.62	33.81
22 11 16 00-0652	EA		4" Crimped Copper Reducing Tee.....	133.51	45.05
22 11 16 00-0653			Crimped Copper Couplings (22 11 16 00-0613)		
22 11 16 00-0654	EA		1/2" Crimped Copper Coupling.....	15.77	10.15
22 11 16 00-0655	EA		3/4" Crimped Copper Coupling.....	18.17	11.58
22 11 16 00-0656	EA		1" Crimped Copper Coupling.....	22.42	13.78
22 11 16 00-0657	EA		1-1/4" Crimped Copper Coupling.....	24.95	15.21
22 11 16 00-0658	EA		1-1/2" Crimped Copper Coupling.....	29.32	16.90
22 11 16 00-0659	EA		2" Crimped Copper Coupling.....	35.50	20.28
22 11 16 00-0660	EA		2-1/2" Crimped Copper Coupling.....	51.73	23.66
22 11 16 00-0661	EA		3" Crimped Copper Coupling.....	62.93	28.14
22 11 16 00-0662	EA		4" Crimped Copper Coupling.....	84.49	37.19
22 11 16 00-0663			Crimped Copper Reducing Couplings (22 11 16 00-0613)		
22 11 16 00-0664	EA		3/4" Crimped Copper Reducing Coupling.....	17.00	9.63
22 11 16 00-0665	EA		1" Crimped Copper Reducing Coupling.....	19.40	10.99
22 11 16 00-0666	EA		1-1/4" Crimped Copper Reducing Coupling.....	23.95	13.10
22 11 16 00-0667	EA		1-1/2" Crimped Copper Reducing Coupling.....	27.97	14.45
22 11 16 00-0668	EA		2" Crimped Copper Reducing Coupling.....	31.13	16.05
22 11 16 00-0669	EA		2-1/2" Crimped Copper FTG x C Reducing Coupling.....	47.92	19.18
22 11 16 00-0670	EA		3" Crimped Copper FTG x C Reducing Coupling.....	58.27	22.57
22 11 16 00-0671	EA		4" Crimped Copper FTG x C Reducing Coupling.....	76.35	29.83
22 11 16 00-0672			Crimped Copper Male Adapters (22 11 16 00-0613)		
22 11 16 00-0673	EA		1/2" Crimped Copper Male Adapter.....	15.89	10.15
22 11 16 00-0674	EA		3/4" Crimped Copper Male Adapter.....	18.56	11.58
22 11 16 00-0675	EA		1" Crimped Copper Male Adapter.....	22.98	13.78
22 11 16 00-0676	EA		1-1/4" Crimped Copper Male Adapter.....	27.81	15.21
22 11 16 00-0677	EA		1-1/2" Crimped Copper Male Adapter.....	32.35	16.90
22 11 16 00-0678	EA		2" Crimped Copper Male Adapter.....	43.91	20.28
22 11 16 00-0679	EA		2-1/2" Crimped Copper Male Adapter.....	68.09	23.66
22 11 16 00-0680	EA		3" Crimped Copper Male Adapter.....	83.27	28.14
22 11 16 00-0681	EA		4" Crimped Copper Male Adapter.....	103.25	37.19
22 11 16 00-0682			Crimped Copper Female Adapters (22 11 16 00-0613)		
22 11 16 00-0683	EA		1/2" Crimped Copper Female Adapter.....	16.04	10.15
22 11 16 00-0684	EA		3/4" Crimped Copper Female Adapter.....	18.67	11.58
22 11 16 00-0685	EA		1" Crimped Copper Female Adapter.....	23.18	13.78
22 11 16 00-0686	EA		1-1/4" Crimped Copper Female Adapter.....	28.43	15.21
22 11 16 00-0687	EA		1-1/2" Crimped Copper Female Adapter.....	33.51	16.90
22 11 16 00-0688	EA		2" Crimped Copper Female Adapter.....	44.28	20.28
22 11 16 00-0689			Crimped Copper Caps (22 11 16 00-0613)		
22 11 16 00-0690	EA		1/2" Crimped Copper Cap.....	8.81	5.07
22 11 16 00-0691	EA		3/4" Crimped Copper Cap.....	10.91	5.92
22 11 16 00-0692	EA		1" Crimped Copper Cap.....	13.28	6.76
22 11 16 00-0693	EA		1-1/4" Crimped Copper Cap.....	14.95	7.61
22 11 16 00-0694	EA		1-1/2" Crimped Copper Cap.....	18.59	8.71
22 11 16 00-0695	EA		2" Crimped Copper Cap.....	21.88	10.15
22 11 16 00-0696	EA		2-1/2" Crimped Copper Cap.....	39.06	11.84
22 11 16 00-0697	EA		3" Crimped Copper Cap.....	48.10	14.11
22 11 16 00-0698	EA		4" Crimped Copper Cap.....	63.83	18.59
22 11 16 00-0699			C x F NPT Crimped Bronze Unions (22 11 16 00-0613)		
22 11 16 00-0700	EA		1/2" C x F NPT Crimped Bronze Union.....	24.22	13.78
22 11 16 00-0701	EA		3/4" C x F NPT Crimped Bronze Union.....	29.96	16.99
22 11 16 00-0702	EA		1" C x F NPT Crimped Bronze Union.....	38.01	20.37
22 11 16 00-0703	EA		1-1/4" C x F NPT Crimped Bronze Union.....	44.81	23.49
22 11 16 00-0704	EA		1-1/2" C x F NPT Crimped Bronze Union.....	49.39	22.99
22 11 16 00-0705	EA		2" C x F NPT Crimped Bronze Union.....	69.61	33.30
22 11 16 00-0706			C x C Crimped Bronze Unions (22 11 16 00-0613)		
22 11 16 00-0707	EA		1/2" C x C Bronze Crimped Union.....	19.60	10.15
22 11 16 00-0708	EA		3/4" C x C Bronze Crimped Union.....	23.07	11.58
22 11 16 00-0709	EA		1" C x C Bronze Crimped Union.....	29.89	13.78
22 11 16 00-0710	EA		1-1/4" C x C Bronze Crimped Union.....	35.94	15.21
22 11 16 00-0711	EA		1-1/2" C x C Bronze Crimped Union.....	43.17	16.90
22 11 16 00-0712	EA		2" C x C Bronze Crimped Union.....	59.54	20.28
22 11 16 00-0713			C x Flange Crimped Bronze Flange (22 11 16 00-0613)		
22 11 16 00-0714	EA		2-1/2" C x Flange Crimped Bronze Flange.....	97.82	23.66
22 11 16 00-0715	EA		3" C x Flange Crimped Bronze Flange.....	109.34	28.14
22 11 16 00-0716	EA		4" C x Flange Crimped Bronze Flange.....	130.87	37.19

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

22 11 16 00-0717			Field Installed FKM Seals (22 11 16 00-0613) Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.		
22 11 16 00-0718	EA		1/2" Field Installed FKM Seal.....	4.15	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0719	EA		3/4" Field Installed FKM Seal.....	4.98	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0720	EA		1" Field Installed FKM Seal.....	5.69	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0721	EA		1-1/4" Field Installed FKM Seal.....	6.46	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0722	EA		1-1/2" Field Installed FKM Seal.....	7.96	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0723	EA		2" Field Installed FKM Seal.....	9.10	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0724	EA		2-1/2" Field Installed FKM Seal.....	11.72	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0725	EA		3" Field Installed FKM Seal.....	13.74	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0726	EA		4" Field Installed FKM Seal.....	18.38	
			Note: To be used in conjunction with fittings.		
22 11 16 00-0727			Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0345)		
22 11 16 00-0728	EA		Up To 1/2", Cut And Prepare Existing In Place Copper Pipe.....	8.45	
22 11 16 00-0729	EA		3/4", Cut And Prepare Existing In Place Copper Pipe.....	9.13	
22 11 16 00-0730	EA		1", Cut And Prepare Existing In Place Copper Pipe.....	10.27	
22 11 16 00-0731	EA		1-1/4", Cut And Prepare Existing In Place Copper Pipe.....	10.78	
22 11 16 00-0732	EA		1-1/2", Cut And Prepare Existing In Place Copper Pipe.....	11.41	
22 11 16 00-0733	EA		2", Cut And Prepare Existing In Place Copper Pipe.....	12.55	
22 11 16 00-0734	EA		2-1/2", Cut And Prepare Existing In Place Copper Pipe.....	13.53	
22 11 16 00-0735	EA		3", Cut And Prepare Existing In Place Copper Pipe.....	15.97	
22 11 16 00-0736	EA		4", Cut And Prepare Existing In Place Copper Pipe.....	21.55	
22 11 16 00-0737	EA		6", Cut And Prepare Existing In Place Copper Pipe.....	30.80	
22 11 16 00-0738	EA		8", Cut And Prepare Existing In Place Copper Pipe.....	41.08	
22 11 16 00-0739			Sweat Brass Companion Flanges (22 11 16 00-0345)		
22 11 16 00-0740	EA		1" Sweat Brass Companion Flange.....	31.41	12.99
22 11 16 00-0741	EA		1-1/4" Sweat Brass Companion Flange.....	34.38	14.32
22 11 16 00-0742	EA		1-1/2" Sweat Brass Companion Flange.....	44.97	15.56
22 11 16 00-0743	EA		2" Sweat Brass Companion Flange.....	57.12	17.27
22 11 16 00-0744	EA		2-1/2" Sweat Brass Companion Flange.....	71.27	20.77
22 11 16 00-0745	EA		3" Sweat Brass Companion Flange.....	82.39	27.23
22 11 16 00-0746	EA		4" Sweat Brass Companion Flange.....	106.62	32.45
22 11 16 00-0747	EA		5" Sweat Brass Companion Flange.....	202.87	39.20
22 11 16 00-0748	EA		6" Sweat Brass Companion Flange.....	250.09	56.96
22 11 16 00-0749	EA		8" Copper Companion Flange.....	506.05	81.25
22 11 16 00-0750			Brass Compression Fittings (22 11 16 00-0345)		
22 11 16 00-0751			Brass Compression Unions (22 11 16 00-0750)		
22 11 16 00-0752	EA		1/4" Brass Compression Union.....	14.41	9.13
22 11 16 00-0753	EA		3/8" Brass Compression Union.....	14.61	9.13
22 11 16 00-0754	EA		1/2" Brass Compression Union.....	15.22	9.13
22 11 16 00-0755	EA		5/8" Brass Compression Union.....	15.51	9.13
22 11 16 00-0756	EA		3/4" Brass Compression Union.....	17.91	9.13
22 11 16 00-0757	EA		3/8" x 1/4" Brass Compression Union.....	14.75	9.13
22 11 16 00-0758	EA		1/2" x 3/8" Brass Compression Union.....	15.27	9.13
22 11 16 00-0759	EA		5/8" x 3/8" Brass Compression Union.....	15.63	9.13
22 11 16 00-0760	EA		5/8" x 1/2" Brass Compression Union.....	16.21	9.13
22 11 16 00-0761			Brass Compression Union Elbows (22 11 16 00-0750)		
22 11 16 00-0762	EA		1/4" Brass Compression Union Elbow.....	15.22	9.13
22 11 16 00-0763	EA		3/8" Brass Compression Union Elbow.....	15.55	9.13
22 11 16 00-0764	EA		1/2" Brass Compression Union Elbow.....	16.27	9.13
22 11 16 00-0765	EA		5/8" Brass Compression Union Elbow.....	17.39	9.13
22 11 16 00-0766	EA		3/4" Brass Compression Union Elbow.....	21.75	9.13
22 11 16 00-0767	EA		3/8" x 1/4" Brass Compression Union Elbow.....	15.55	9.13
22 11 16 00-0768	EA		1/2" x 3/8" Brass Compression Union Elbow.....	16.27	9.13
22 11 16 00-0769	EA		5/8" x 3/8" Brass Compression Union Elbow.....	16.47	9.13
22 11 16 00-0770	EA		5/8" x 1/2" Brass Compression Union Elbow.....	19.75	9.13
22 11 16 00-0771			Brass Compression Union Tees (22 11 16 00-0750)		
22 11 16 00-0772	EA		1/4" Brass Compression Union Tee.....	15.47	9.13
22 11 16 00-0773	EA		3/8" Brass Compression Union Tee.....	16.15	9.13
22 11 16 00-0774	EA		1/2" Brass Compression Union Tee.....	16.87	9.13
22 11 16 00-0775	EA		5/8" Brass Compression Union Tee.....	19.15	9.13
22 11 16 00-0776	EA		3/4" Brass Compression Union Tee.....	27.03	9.13
22 11 16 00-0777	EA		3/8" x 3/8" x 1/4" Brass Compression Union Tee.....	16.63	9.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0778	EA		1/2" x 1/2" x 3/8" Brass Compression Union Tee.....	20.33	9.13
22 11 16 00-0779	EA		5/8" x 5/8" x 3/8" Brass Compression Union Tee.....	19.97	9.13
22 11 16 00-0780	EA		5/8" x 5/8" x 1/2" Brass Compression Union Tee.....	20.39	9.13
22 11 16 00-0781			Brass Compression Male Connectors (22 11 16 00-0750)		
22 11 16 00-0782	EA		1/4" Brass Compression Male Connector.....	14.27	9.13
22 11 16 00-0783	EA		3/8" Brass Compression Male Connector.....	14.53	9.13
22 11 16 00-0784	EA		1/2" Brass Compression Male Connector.....	14.99	9.13
22 11 16 00-0785	EA		5/8" Brass Compression Male Connector.....	15.67	9.13
22 11 16 00-0786	EA		3/4" Brass Compression Male Connector.....	16.64	9.04
22 11 16 00-0787			Brass Compression Female Connectors (22 11 16 00-0750)		
22 11 16 00-0788	EA		1/4" Brass Compression Female Connector.....	14.56	9.13
22 11 16 00-0789	EA		3/8" Brass Compression Female Connector.....	14.90	9.13
22 11 16 00-0790	EA		1/2" Brass Compression Female Connector.....	15.48	9.13
22 11 16 00-0791	EA		5/8" Brass Compression Female Connector.....	15.86	9.13
22 11 16 00-0792	EA		3/4" Brass Compression Female Connector.....	19.53	8.96
22 11 16 00-0793			Dielectric Fittings (22 11 16 00-0345)		
22 11 16 00-0794			Copper x Female Iron Pipe Thread Dielectric Unions (22 11 16 00-0793)		
22 11 16 00-0795	EA		1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	36.20	20.28
22 11 16 00-0796	EA		3/4" Copper x Female Iron Pipe Thread Dielectric Union.....	40.42	23.16
22 11 16 00-0797	EA		1" Copper x Female Iron Pipe Thread Dielectric Union.....	48.17	25.44
22 11 16 00-0798	EA		1-1/4" Copper x Female Iron Pipe Thread Dielectric Union.....	58.48	28.00
22 11 16 00-0799	EA		1-1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	70.82	31.12
22 11 16 00-0800	EA		2" Copper x Female Iron Pipe Thread Dielectric Union.....	90.04	37.35
22 11 16 00-0801			Female Brass Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0793)		
22 11 16 00-0802	EA		1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	39.85	20.28
22 11 16 00-0803	EA		3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	46.43	23.16
22 11 16 00-0804	EA		1" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	56.09	25.44
22 11 16 00-0805	EA		1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	68.99	28.00
22 11 16 00-0806	EA		1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	83.82	31.12
22 11 16 00-0807	EA		2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	105.29	37.35
22 11 16 00-0808			Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0793)		
22 11 16 00-0809	EA		1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	37.54	20.28
22 11 16 00-0810	EA		3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	42.62	23.16
22 11 16 00-0811	EA		1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	48.75	25.44
22 11 16 00-0812	EA		1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	56.45	28.00
22 11 16 00-0813	EA		1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	68.81	31.12
22 11 16 00-0814	EA		2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union.....	88.42	37.35
22 11 16 00-0815			Copper x Female Iron Pipe Thread Dielectric Flanges (22 11 16 00-0793)		
22 11 16 00-0816	EA		2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	218.99	96.01
22 11 16 00-0817	EA		3" Copper x Female Iron Pipe Thread Dielectric Flange.....	274.13	120.90
22 11 16 00-0818	EA		4" Copper x Female Iron Pipe Thread Dielectric Flange.....	386.74	164.55
22 11 16 00-0819			Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges (22 11 16 00-0793)		
22 11 16 00-0820	EA		2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	220.50	96.01
22 11 16 00-0821	EA		3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	286.09	120.90
22 11 16 00-0822	EA		4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	524.70	164.55
22 11 16 00-0823			Brass Push-Fit Fittings (22 11 16)		
22 11 16 00-0824	EA		1/4" x 1/4" Brass Push-Fit Coupling..... Note: (Sharkbite)	16.75	8.45
22 11 16 00-0825	EA		3/8" x 3/8" Brass Push-Fit Coupling..... Note: (Sharkbite)	20.22	9.02
22 11 16 00-0826	EA		1/2" x 1/2" Brass Push-Fit Coupling..... Note: (Sharkbite)	21.26	10.15
22 11 16 00-0827	EA		5/8" x 5/8" Brass Push-Fit Coupling..... Note: (Sharkbite)	24.14	10.82
22 11 16 00-0828	EA		3/4" x 3/4" Brass Push-Fit Coupling..... Note: (Sharkbite)	24.80	11.56
22 11 16 00-0829	EA		1" x 1" Brass Push-Fit Coupling..... Note: (Sharkbite)	33.92	13.80
22 11 16 00-0830	EA		1/2" x 3/8" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	20.74	9.57
22 11 16 00-0831	EA		3/4" x 5/8" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	23.77	10.48
22 11 16 00-0832	EA		1" x 3/4" Brass Push-Fit Reducing Coupling..... Note: (Sharkbite)	34.26	12.68
22 11 16 00-0833	EA		1/4" x 1/4" Brass Push-Fit Elbow..... Note: (Sharkbite)	17.34	8.45

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

22 11 16 00-0834	EA	3/8" x 3/8" Brass Push-Fit Elbow	22.72	9.02
		Note: (Sharkbite)		
22 11 16 00-0835	EA	1/2" x 1/2" Brass Push-Fit Elbow	21.58	10.15
		Note: (Sharkbite)		
22 11 16 00-0836	EA	5/8" x 5/8" Brass Push-Fit Elbow	25.60	10.82
		Note: (Sharkbite)		
22 11 16 00-0837	EA	3/4" x 3/4" Brass Push-Fit Elbow	24.38	11.56
		Note: (Sharkbite)		
22 11 16 00-0838	EA	1" x 1" Brass Push-Fit Elbow	34.24	13.80
		Note: (Sharkbite)		
22 11 16 00-0839	EA	1/2" x 3/8" Brass Push-Fit Reducing Elbow	20.47	9.57
		Note: (Sharkbite)		
22 11 16 00-0840	EA	3/4" x 1/2" Brass Push-Fit Reducing Elbow	22.73	10.48
		Note: (Sharkbite)		
22 11 16 00-0841	EA	1" x 3/4" Brass Push-Fit Reducing Elbow	41.43	12.68
		Note: (Sharkbite)		
22 11 16 00-0842	EA	1/4" x 1/4" x 1/4" Brass Push-Fit Tee	26.23	12.68
		Note: (Sharkbite)		
22 11 16 00-0843	EA	3/8" x 3/8" x 3/8" Brass Push-Fit Tee	32.25	13.53
		Note: (Sharkbite)		
22 11 16 00-0844	EA	1/2" x 1/2" x 1/2" Brass Push-Fit Tee	30.63	15.21
		Note: (Sharkbite)		
22 11 16 00-0845	EA	5/8" x 5/8" x 5/8" Brass Push-Fit Tee	37.77	16.23
		Note: (Sharkbite)		
22 11 16 00-0846	EA	3/4" x 3/4" x 3/4" Brass Push-Fit Tee	35.57	17.32
		Note: (Sharkbite)		
22 11 16 00-0847	EA	1" x 1" x 1" Brass Push-Fit Tee	47.47	20.70
		Note: (Sharkbite)		
22 11 16 00-0848	EA	1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee	33.32	14.37
		Note: (Sharkbite)		
22 11 16 00-0849	EA	1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee	33.58	14.65
		Note: (Sharkbite)		
22 11 16 00-0850	EA	3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee	34.30	16.63
		Note: (Sharkbite)		
22 11 16 00-0851	EA	1" x 1" x 3/4" Brass Push-Fit Reducing Tee	45.85	19.59
		Note: (Sharkbite)		
22 11 16 00-0852	EA	1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector	19.64	9.30
		Note: (Sharkbite)		
22 11 16 00-0853	EA	3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector	19.56	9.57
		Note: (Sharkbite)		
22 11 16 00-0854	EA	1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector	19.59	10.15
		Note: (Sharkbite)		
22 11 16 00-0855	EA	3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector	22.40	11.56
		Note: (Sharkbite)		
22 11 16 00-0856	EA	1" x 1" Brass Push-Fit Pipe To FNPT Connector	30.55	13.80
		Note: (Sharkbite)		
22 11 16 00-0857	EA	1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector	17.63	9.30
		Note: (Sharkbite)		
22 11 16 00-0858	EA	3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector	19.56	9.57
		Note: (Sharkbite)		
22 11 16 00-0859	EA	1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector	19.63	10.15
		Note: (Sharkbite)		
22 11 16 00-0860	EA	3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector	22.22	11.56
		Note: (Sharkbite)		
22 11 16 00-0861	EA	5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector	23.63	11.18
		Note: (Sharkbite)		
22 11 16 00-0862	EA	1" x 3/4" Brass Push-Fit Pipe To MNPT Connector	28.05	12.68
		Note: (Sharkbite)		
22 11 16 00-0863	EA	1" x 1" Brass Push-Fit Pipe To MNPT Connector	30.92	13.80
		Note: (Sharkbite)		
22 11 16 00-0864	EA	1/2" Brass Push-Fit Ball Valve	26.54	10.15
		Note: (Sharkbite)		
22 11 16 00-0865	EA	3/4" Brass Push-Fit Ball Valve	30.91	11.56
		Note: (Sharkbite)		
22 11 16 00-0866	EA	1" Brass Push-Fit Ball Valve	40.28	13.80
		Note: (Sharkbite)		
22 11 16 00-0867	EA	1/2" Brass Push-Fit Check Valve	28.16	10.15
		Note: (Sharkbite)		
22 11 16 00-0868	EA	3/4" Brass Push-Fit Check Valve	33.64	11.56
		Note: (Sharkbite)		
22 11 16 00-0869	EA	1" Brass Push-Fit Check Valve	54.47	13.80
		Note: (Sharkbite)		

22 11 16 00-0870 Copper Pipe Assemblies (22 11 16)

Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.

22 11 16 00-0871	LF	1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly	16.44	2.37
------------------	----	---	-------	------

For Type K Tubing Instead Of Type L, Add

1.09

For Type M Tubing Instead Of Type L, Deduct

-0.91

For Silver Solder Instead Of 95/5 Solder, Add

2.15

For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct

-1.48

For Work In Restricted Working Space, Add

3.97

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0872	LF			3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.27 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.06 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.44 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.69 <i>For Work In Restricted Working Space, Add</i> 4.50	18.86	3.04
22 11 16 00-0873	LF			1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.49 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.22 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.60 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.82 <i>For Work In Restricted Working Space, Add</i> 4.71	20.62	3.63
22 11 16 00-0874	LF			1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 1.85 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.48 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.79 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.98 <i>For Work In Restricted Working Space, Add</i> 4.90 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -0.69	23.18	4.23
22 11 16 00-0875	LF			1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 2.25 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.76 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.05 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.18 <i>For Work In Restricted Working Space, Add</i> 5.22 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -0.89	26.30	4.82
22 11 16 00-0876	LF			2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 3.73 <i>For Type M Tubing Instead Of Type L, Deduct</i> -2.81 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.84 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.84 <i>For Work In Restricted Working Space, Add</i> 6.01 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -1.68	36.80	6.00
22 11 16 00-0877	LF			2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 4.92 <i>For Type M Tubing Instead Of Type L, Deduct</i> -3.65 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 4.38 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -3.31 <i>For Work In Restricted Working Space, Add</i> 6.44 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -2.33	44.75	7.24
22 11 16 00-0878	LF			3" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 6.07 <i>For Type M Tubing Instead Of Type L, Deduct</i> -4.47 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 4.96 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -3.80 <i>For Work In Restricted Working Space, Add</i> 6.98 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -2.95	52.71	8.40
22 11 16 00-0879	LF			4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 9.45 <i>For Type M Tubing Instead Of Type L, Deduct</i> -6.88 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 6.87 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -5.37 <i>For Work In Restricted Working Space, Add</i> 9.02 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -4.73	77.35	11.13
22 11 16 00-0880	LF			5" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 24.46 <i>For Type M Tubing Instead Of Type L, Deduct</i> -17.31 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 12.36 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -10.43 <i>For Work In Restricted Working Space, Add</i> 11.58 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -13.14	170.01	13.85
22 11 16 00-0881	LF			6" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For Type K Tubing Instead Of Type L, Add</i> 28.57 <i>For Type M Tubing Instead Of Type L, Deduct</i> -20.27 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 14.98 <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -12.53 <i>For Work In Restricted Working Space, Add</i> 14.70 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -15.26	201.59	16.73

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0882	LF		8" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. For Type K Tubing Instead Of Type L, Add For Type M Tubing Instead Of Type L, Deduct For Silver Solder Instead Of 95/5 Solder, Add For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct For Work In Restricted Working Space, Add For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	377.57 57.66 -40.44 24.97 -21.92 18.27 -31.67	20.00
22 11 16 00-0883			Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings (22 11 16) Note: Socket weld.		
22 11 16 00-0884			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings (22 11 16 00-0883)		
22 11 16 00-0885			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe (22 11 16 00-0884)		
22 11 16 00-0886	LF		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	4.21 0.93	1.25
22 11 16 00-0887	LF		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	4.77 0.98	1.31
22 11 16 00-0888	LF		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	5.73 1.05	1.41
22 11 16 00-0889	LF		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	6.91 1.16	1.53
22 11 16 00-0890	LF		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	7.96 1.28	1.69
22 11 16 00-0891	LF		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	9.87 1.42	1.90
22 11 16 00-0892	LF		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	13.24 1.62	2.16
22 11 16 00-0893	LF		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	16.86 1.91	2.55
22 11 16 00-0894	LF		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	23.22 2.35	3.13
22 11 16 00-0895	LF		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	39.73 2.99	3.99
22 11 16 00-0896	LF		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe For Work In Restricted Working Space, Add	56.97 3.92	5.23
22 11 16 00-0897			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows (22 11 16 00-0894)		
22 11 16 00-0898	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	16.51 4.43	5.91
22 11 16 00-0899	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	21.35 5.60	7.47
22 11 16 00-0900	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	27.66 7.03	9.33
22 11 16 00-0901	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	37.42 8.78	11.67
22 11 16 00-0902	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	41.59 9.71	12.92
22 11 16 00-0903	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	48.54 10.83	12.92
22 11 16 00-0904	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	73.47 12.32	16.41
22 11 16 00-0905	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	83.75 14.57	19.46
22 11 16 00-0906	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	118.46 17.93	23.89
22 11 16 00-0907	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	149.52 22.78	30.34
22 11 16 00-0908	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow For Work In Restricted Working Space, Add	279.67 29.88	39.84
22 11 16 00-0909			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows (22 11 16 00-0894)		
22 11 16 00-0910	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	17.37 4.43	5.91
22 11 16 00-0911	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	22.39 5.60	7.47
22 11 16 00-0912	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	29.34 7.03	9.33
22 11 16 00-0913	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	39.63 8.78	11.67
22 11 16 00-0914	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	44.27 9.71	12.92
22 11 16 00-0915	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	49.45 10.83	14.47
22 11 16 00-0916	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	74.05 12.32	16.41
22 11 16 00-0917	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	83.67 14.57	19.46
22 11 16 00-0918	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	107.94 17.93	23.89
22 11 16 00-0919	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow For Work In Restricted Working Space, Add	169.24 22.78	30.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0920	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	293.64 29.88	39.84
22 11 16 00-0921			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees (22 11 16 00-0884)		
22 11 16 00-0922	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	25.31 6.65	8.87
22 11 16 00-0923	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	33.01 8.40	11.21
22 11 16 00-0924	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	41.32 10.55	14.08
22 11 16 00-0925	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	56.87 13.16	17.58
22 11 16 00-0926	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	63.43 14.57	19.46
22 11 16 00-0927	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	76.34 16.25	21.63
22 11 16 00-0928	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	98.08 18.49	24.66
22 11 16 00-0929	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	112.50 21.85	29.10
22 11 16 00-0930	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	136.49 26.89	35.87
22 11 16 00-0931	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	205.47 34.17	45.60
22 11 16 00-0932	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	411.54 44.81	59.76
22 11 16 00-0933			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses (22 11 16 00-0884)		
22 11 16 00-0934	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	32.27 8.87	11.82
22 11 16 00-0935	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	41.66 11.21	14.93
22 11 16 00-0936	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	52.15 14.05	18.75
22 11 16 00-0937	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	69.70 17.55	23.42
22 11 16 00-0938	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	77.55 19.42	25.91
22 11 16 00-0939	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	91.32 21.66	28.86
22 11 16 00-0940	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	113.56 24.65	32.83
22 11 16 00-0941	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	131.26 29.13	38.82
22 11 16 00-0942	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	159.86 35.85	47.77
22 11 16 00-0943	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	230.74 45.56	60.76
22 11 16 00-0944	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	424.98 59.75	79.67
22 11 16 00-0945			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts (22 11 16 00-0884)		
22 11 16 00-0946	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	14.73 4.11	5.45
22 11 16 00-0947	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	20.45 5.53	7.39
22 11 16 00-0948	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	33.32 7.24	9.65
22 11 16 00-0949	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	37.55 8.01	10.65
22 11 16 00-0950	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	44.06 8.94	11.90
22 11 16 00-0951	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	48.19 10.18	13.53
22 11 16 00-0952	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	58.33 12.02	16.03
22 11 16 00-0953	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	78.58 14.80	19.69
22 11 16 00-0954	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	124.96 18.79	25.05
22 11 16 00-0955	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	269.67 24.65	32.83
22 11 16 00-0956			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts (22 11 16 00-0884)		
22 11 16 00-0957	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	16.49 2.92	3.89
22 11 16 00-0958	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	20.98 4.11	5.45

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 16 00-0959	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	26.25		7.39
		<i>For Work In Restricted Working Space, Add</i>	5.53		
22 11 16 00-0960	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	32.82		9.65
		<i>For Work In Restricted Working Space, Add</i>	7.24		
22 11 16 00-0961	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	38.29		10.65
		<i>For Work In Restricted Working Space, Add</i>	8.01		
22 11 16 00-0962	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	47.75		11.90
		<i>For Work In Restricted Working Space, Add</i>	8.94		
22 11 16 00-0963	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	72.29		13.53
		<i>For Work In Restricted Working Space, Add</i>	10.18		
22 11 16 00-0964	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	140.27		16.03
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 11 16 00-0965	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	207.24		19.69
		<i>For Work In Restricted Working Space, Add</i>	14.80		
22 11 16 00-0966 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters (22 11 16 00-0884)					
22 11 16 00-0967	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	12.32		3.89
		<i>For Work In Restricted Working Space, Add</i>	2.92		
22 11 16 00-0968	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	17.20		5.45
		<i>For Work In Restricted Working Space, Add</i>	4.11		
22 11 16 00-0969	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	24.33		7.39
		<i>For Work In Restricted Working Space, Add</i>	5.53		
22 11 16 00-0970	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	32.82		9.65
		<i>For Work In Restricted Working Space, Add</i>	7.24		
22 11 16 00-0971	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	38.46		10.65
		<i>For Work In Restricted Working Space, Add</i>	8.01		
22 11 16 00-0972	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	45.71		11.90
		<i>For Work In Restricted Working Space, Add</i>	8.94		
22 11 16 00-0973	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	64.05		13.53
		<i>For Work In Restricted Working Space, Add</i>	10.18		
22 11 16 00-0974	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	76.49		16.03
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 11 16 00-0975	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	110.90		19.69
		<i>For Work In Restricted Working Space, Add</i>	14.80		
22 11 16 00-0976 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters (22 11 16 00-0884)					
22 11 16 00-0977	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	13.30		3.89
		<i>For Work In Restricted Working Space, Add</i>	2.92		
22 11 16 00-0978	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	17.51		5.45
		<i>For Work In Restricted Working Space, Add</i>	4.11		
22 11 16 00-0979	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	24.42		7.39
		<i>For Work In Restricted Working Space, Add</i>	5.53		
22 11 16 00-0980	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	33.11		9.65
		<i>For Work In Restricted Working Space, Add</i>	7.24		
22 11 16 00-0981	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	37.14		10.65
		<i>For Work In Restricted Working Space, Add</i>	8.01		
22 11 16 00-0982	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	44.63		11.90
		<i>For Work In Restricted Working Space, Add</i>	8.94		
22 11 16 00-0983	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	64.67		13.53
		<i>For Work In Restricted Working Space, Add</i>	10.18		
22 11 16 00-0984	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	87.37		16.03
		<i>For Work In Restricted Working Space, Add</i>	12.02		
22 11 16 00-0985	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	129.39		19.69
		<i>For Work In Restricted Working Space, Add</i>	14.80		
22 11 16 00-0986 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings (22 11 16 00-0884)					
22 11 16 00-0987	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	11.07		3.57
		<i>For Work In Restricted Working Space, Add</i>	2.66		
22 11 16 00-0988	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	15.56		4.97
		<i>For Work In Restricted Working Space, Add</i>	3.74		
22 11 16 00-0989	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	20.92		6.69
		<i>For Work In Restricted Working Space, Add</i>	5.02		
22 11 16 00-0990	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	28.19		8.79
		<i>For Work In Restricted Working Space, Add</i>	6.58		
22 11 16 00-0991	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	32.16		9.73
		<i>For Work In Restricted Working Space, Add</i>	7.28		
22 11 16 00-0992	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	36.23		10.82
		<i>For Work In Restricted Working Space, Add</i>	8.12		
22 11 16 00-0993	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	52.76		12.30
		<i>For Work In Restricted Working Space, Add</i>	9.24		
22 11 16 00-0994	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	58.57		14.55
		<i>For Work In Restricted Working Space, Add</i>	10.92		
22 11 16 00-0995	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	73.85		17.89
		<i>For Work In Restricted Working Space, Add</i>	13.44		
22 11 16 00-0996	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	114.25		22.80
		<i>For Work In Restricted Working Space, Add</i>	17.09		
22 11 16 00-0997	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	190.77		29.88
		<i>For Work In Restricted Working Space, Add</i>	22.41		

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

22 11 16 00-0998 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <small>(22 11 16 00-0884)</small>				
22 11 16 00-0999	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	20.04 3.20	4.28
22 11 16 00-1000	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	24.78 4.48	5.99
22 11 16 00-1001	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	30.23 6.02	8.02
22 11 16 00-1002	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	50.18 7.89	10.50
22 11 16 00-1003	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	53.42 8.73	11.67
22 11 16 00-1004	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	72.88 9.76	12.99
22 11 16 00-1005	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	120.63 11.09	14.78
22 11 16 00-1006	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	170.16 13.12	17.50
22 11 16 00-1007	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	268.70 16.13	21.47
22 11 16 00-1008	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	358.60 20.49	27.31
22 11 16 00-1009	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	444.23 26.89	35.87

22 11 16 00-1010 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps <small>(22 11 16 00-0884)</small>				
22 11 16 00-1011	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	6.44 0.89	1.17
22 11 16 00-1012	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	11.16 1.87	2.49
22 11 16 00-1013	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	18.76 3.01	4.05
22 11 16 00-1014	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	20.53 3.29	4.36
22 11 16 00-1015	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	21.88 3.64	4.82
22 11 16 00-1016	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	29.23 4.06	5.45
22 11 16 00-1017	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	43.68 4.62	6.14
22 11 16 00-1018	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	47.13 5.46	7.31
22 11 16 00-1019	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	71.19 6.72	8.95
22 11 16 00-1020	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	149.86 8.54	11.36
22 11 16 00-1021	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	193.21 11.21	14.93

22 11 16 00-1022 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <small>(22 11 16 00-0884)</small>				
22 11 16 00-1023	EA	1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	15.47 2.12	2.80
22 11 16 00-1024	EA	3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	18.95 2.99	3.97
22 11 16 00-1025	EA	1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	23.39 4.01	5.37
22 11 16 00-1026	EA	1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	27.88 5.27	7.00
22 11 16 00-1027	EA	1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	30.00 5.84	7.78
22 11 16 00-1028	EA	2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	35.65 6.49	8.64
22 11 16 00-1029	EA	2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	46.54 7.40	9.88
22 11 16 00-1030	EA	3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	52.96 8.73	11.67
22 11 16 00-1031	EA	4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	66.11 10.76	14.32
22 11 16 00-1032	EA	6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	93.14 13.68	18.21
22 11 16 00-1033	EA	8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges..... <i>For Work In Restricted Working Space, Add</i>	167.00 17.93	23.89

22 11 16 00-1034 Red Brass Pipe And Fittings (22 11 16)
 Note: ASTM B43 And B251 (Pipe), ASME B16.15.

22 11 16 00-1035 Schedule 40 Red Brass Pipe <small>(22 11 16 00-1034)</small>				
22 11 16 00-1036	LF	1/2" Schedule 40 Red Brass Pipe.....	7.95	1.63
22 11 16 00-1037	LF	3/4" Schedule 40 Red Brass Pipe.....	9.73	1.63
22 11 16 00-1038	LF	1" Schedule 40 Red Brass Pipe.....	12.37	1.63
22 11 16 00-1039	LF	1-1/4" Schedule 40 Red Brass Pipe.....	17.22	1.79
22 11 16 00-1040	LF	1-1/2" Schedule 40 Red Brass Pipe.....	19.60	1.94
22 11 16 00-1041	LF	2" Schedule 40 Red Brass Pipe.....	24.87	2.34
22 11 16 00-1042	LF	2-1/2" Schedule 40 Red Brass Pipe.....	35.07	2.65
22 11 16 00-1043	LF	3" Schedule 40 Red Brass Pipe.....	48.16	2.80

22 Plumbing

22 10 Plumbing Piping

22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST
22 11 16 00-1044	LF	4" Schedule 40 Red Brass Pipe.....	67.71 2.80
22 11 16 00-1045		125 LB Cast Bronze, Screwed, 90 Degree Elbows (22 11 16 00-1034)	
22 11 16 00-1046	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	43.03 19.37
22 11 16 00-1047	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	48.35 21.32
22 11 16 00-1048	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	59.69 25.21
22 11 16 00-1049	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	69.32 27.08
22 11 16 00-1050	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	76.78 29.02
22 11 16 00-1051	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	92.13 30.97
22 11 16 00-1052	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	147.17 38.75
22 11 16 00-1053	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	199.42 46.45
22 11 16 00-1054	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	339.48 61.93
22 11 16 00-1055		125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows (22 11 16 00-1034)	
22 11 16 00-1056	EA	1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	44.47 19.37
22 11 16 00-1057	EA	3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	50.44 21.32
22 11 16 00-1058	EA	1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	64.07 25.21
22 11 16 00-1059	EA	1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	75.06 27.08
22 11 16 00-1060	EA	1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	84.68 29.02
22 11 16 00-1061	EA	2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	109.38 30.97
22 11 16 00-1062	EA	2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	161.53 38.75
22 11 16 00-1063	EA	3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	243.59 46.45
22 11 16 00-1064	EA	4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	464.46 61.93
22 11 16 00-1065		125 LB Cast Bronze, Screwed, 45 Degree Elbows (22 11 16 00-1034)	
22 11 16 00-1066	EA	1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	43.76 19.37
22 11 16 00-1067	EA	3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	49.78 21.32
22 11 16 00-1068	EA	1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	62.57 25.21
22 11 16 00-1069	EA	1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	73.63 27.08
22 11 16 00-1070	EA	1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	82.52 29.02
22 11 16 00-1071	EA	2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	101.47 30.97
22 11 16 00-1072	EA	2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	152.89 38.75
22 11 16 00-1073	EA	3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	209.23 46.45
22 11 16 00-1074	EA	4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	435.42 61.93
22 11 16 00-1075		125 LB Cast Bronze, Screwed, Tees (22 11 16 00-1034)	
22 11 16 00-1076	EA	1/2" 125 LB Cast Bronze, Screwed, Tee.....	63.12 29.02
22 11 16 00-1077	EA	3/4" 125 LB Cast Bronze, Screwed, Tee.....	70.68 31.74
22 11 16 00-1078	EA	1" 125 LB Cast Bronze, Screwed, Tee.....	88.07 37.58
22 11 16 00-1079	EA	1-1/4" 125 LB Cast Bronze, Screwed, Tee	103.60 40.69
22 11 16 00-1080	EA	1-1/2" 125 LB Cast Bronze, Screwed, Tee	111.89 43.33
22 11 16 00-1081	EA	2" 125 LB Cast Bronze, Screwed, Tee.....	134.62 46.45
22 11 16 00-1082	EA	2-1/2" 125 LB Cast Bronze, Screwed, Tee	211.03 58.11
22 11 16 00-1083	EA	3" 125 LB Cast Bronze, Screwed, Tee.....	284.41 69.71
22 11 16 00-1084	EA	4" 125 LB Cast Bronze, Screwed, Tee.....	545.16 92.90
22 11 16 00-1085		125 LB Cast Bronze, Screwed, Reducing Tees (22 11 16 00-1034)	
22 11 16 00-1086	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	65.27 29.02
22 11 16 00-1087	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	72.13 31.74
22 11 16 00-1088	EA	1" 125 LB Cast Bronze, Screwed, Reducing Tee	93.82 37.58
22 11 16 00-1089	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	107.91 40.69
22 11 16 00-1090	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	123.38 43.33
22 11 16 00-1091	EA	2" 125 LB Cast Bronze, Screwed, Reducing Tee	152.59 46.45
22 11 16 00-1092	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	245.97 58.11
22 11 16 00-1093	EA	3" 125 LB Cast Bronze, Screwed, Reducing Tee	436.25 69.71
22 11 16 00-1094	EA	4" 125 LB Cast Bronze, Screwed, Reducing Tee	664.93 92.90
22 11 16 00-1095		125 LB Cast Bronze, Screwed, Crosses (22 11 16 00-1034)	
22 11 16 00-1096	EA	1/2" 125 LB Cast Bronze, Screwed, Cross	87.51 38.75
22 11 16 00-1097	EA	3/4" 125 LB Cast Bronze, Screwed, Cross	99.56 42.56
22 11 16 00-1098	EA	1" 125 LB Cast Bronze, Screwed, Cross	122.97 50.34
22 11 16 00-1099	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cross	146.12 54.23
22 11 16 00-1100	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cross	168.10 58.11
22 11 16 00-1101	EA	2" 125 LB Cast Bronze, Screwed, Cross	227.74 61.93
22 11 16 00-1102	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cross	351.34 77.42
22 11 16 00-1103	EA	3" 125 LB Cast Bronze, Screwed, Cross	474.03 92.90
22 11 16 00-1104	EA	4" 125 LB Cast Bronze, Screwed, Cross	837.18 123.94
22 11 16 00-1105		125 LB Cast Bronze, Screwed, Caps (22 11 16 00-1034)	
22 11 16 00-1106	EA	1/2" 125 LB Cast Bronze, Screwed, Cap	33.85 15.49
22 11 16 00-1107	EA	3/4" 125 LB Cast Bronze, Screwed, Cap	38.45 17.43
22 11 16 00-1108	EA	1" 125 LB Cast Bronze, Screwed, Cap	46.80 20.15
22 11 16 00-1109	EA	1-1/4" 125 LB Cast Bronze, Screwed, Cap	55.65 22.09
22 11 16 00-1110	EA	1-1/2" 125 LB Cast Bronze, Screwed, Cap	62.35 23.65
22 11 16 00-1111	EA	2" 125 LB Cast Bronze, Screwed, Cap	76.22 25.21
22 11 16 00-1112	EA	2-1/2" 125 LB Cast Bronze, Screwed, Cap	109.37 30.97
22 11 16 00-1113	EA	3" 125 LB Cast Bronze, Screwed, Cap	150.76 38.75

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

22 11 16 00-1114	EA	4" 125 LB Cast Bronze, Screwed, Cap.....	240.49	50.34
22 11 16 00-1115 125 LB Cast Bronze, Screwed, Couplings (22 11 16 00-1034)				
22 11 16 00-1116	EA	1/2" 125 LB Cast Bronze, Screwed, Coupling	42.32	19.37
22 11 16 00-1117	EA	3/4" 125 LB Cast Bronze, Screwed, Coupling	47.64	21.32
22 11 16 00-1118	EA	1" 125 LB Cast Bronze, Screwed, Coupling	58.97	25.21
22 11 16 00-1119	EA	1-1/4" 125 LB Cast Bronze, Screwed, Coupling	68.59	27.08
22 11 16 00-1120	EA	1-1/2" 125 LB Cast Bronze, Screwed, Coupling	76.78	29.02
22 11 16 00-1121	EA	2" 125 LB Cast Bronze, Screwed, Coupling	92.85	30.97
22 11 16 00-1122	EA	2-1/2" 125 LB Cast Bronze, Screwed, Coupling	127.75	38.75
22 11 16 00-1123	EA	3" 125 LB Cast Bronze, Screwed, Coupling	162.67	46.45
22 11 16 00-1124	EA	4" 125 LB Cast Bronze, Screwed, Coupling	267.62	61.93
22 11 16 00-1125 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers (22 11 16 00-1034)				
22 11 16 00-1126	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	36.25	15.49
22 11 16 00-1127	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	41.22	17.43
22 11 16 00-1128	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	55.64	23.26
22 11 16 00-1129	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	64.67	25.21
22 11 16 00-1130	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	72.27	27.08
22 11 16 00-1131	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	84.79	29.02
22 11 16 00-1132	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	119.71	36.80
22 11 16 00-1133	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	143.80	42.56
22 11 16 00-1134	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer	237.64	56.17
22 11 16 00-1135 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers (22 11 16 00-1034)				
22 11 16 00-1136	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	36.84	15.49
22 11 16 00-1137	EA	1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	61.90	21.32
22 11 16 00-1138	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	77.92	23.26
22 11 16 00-1139	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	89.83	25.21
22 11 16 00-1140	EA	2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	116.66	29.02
22 11 16 00-1141	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	174.05	36.80
22 11 16 00-1142	EA	3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	206.31	38.75
22 11 16 00-1143	EA	4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer	238.67	50.34
22 11 16 00-1144 125 LB Cast Bronze, Screwed, Unions (22 11 16 00-1034)				
22 11 16 00-1145	EA	1/2" 125 LB Cast Bronze, Screwed, Union	42.48	15.49
22 11 16 00-1146	EA	3/4" 125 LB Cast Bronze, Screwed, Union	49.89	17.04
22 11 16 00-1147	EA	1" 125 LB Cast Bronze, Screwed, Union	61.12	20.15
22 11 16 00-1148	EA	1-1/4" 125 LB Cast Bronze, Screwed, Union	73.54	21.71
22 11 16 00-1149	EA	1-1/2" 125 LB Cast Bronze, Screwed, Union	82.40	23.26
22 11 16 00-1150	EA	2" 125 LB Cast Bronze, Screwed, Union	96.57	26.29
22 11 16 00-1151 125 LB Cast Bronze, Screwed, Companion Flanges (22 11 16 00-1034)				
22 11 16 00-1152	EA	1/2" 125 LB Cast Bronze, Screwed, Companion Flange	102.42	19.37
22 11 16 00-1153	EA	3/4" 125 LB Cast Bronze, Screwed, Companion Flange	113.10	23.26
22 11 16 00-1154	EA	1" 125 LB Cast Bronze, Screwed, Companion Flange	129.98	27.08
22 11 16 00-1155	EA	1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange	146.93	29.02
22 11 16 00-1156	EA	1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	171.69	30.97
22 11 16 00-1157	EA	2" 125 LB Cast Bronze, Screwed, Companion Flange	212.18	32.91
22 11 16 00-1158	EA	2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange	265.58	38.75
22 11 16 00-1159	EA	3" 125 LB Cast Bronze, Screwed, Companion Flange	329.37	48.40
22 11 16 00-1160	EA	4" 125 LB Cast Bronze, Screwed, Companion Flange	468.69	67.77
22 11 16 00-1161 125 LB Cast Bronze, Screwed, Square Head Plugs (22 11 16 00-1034)				
22 11 16 00-1162	EA	1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	11.86	
22 11 16 00-1163	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	11.88	
22 11 16 00-1164	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	18.20	
22 11 16 00-1165	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	20.39	
22 11 16 00-1166	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	22.62	
22 11 16 00-1167	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	33.27	
22 11 16 00-1168	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	48.78	
22 11 16 00-1169	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	69.64	
22 11 16 00-1170	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	113.63	
22 11 16 00-1171 125 LB Cast Bronze, Screwed, Counter Sunk Plugs (22 11 16 00-1034)				
22 11 16 00-1172	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	3.60	
22 11 16 00-1173	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	4.31	
22 11 16 00-1174	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	6.48	
22 11 16 00-1175	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	10.07	
22 11 16 00-1176	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	15.94	
22 11 16 00-1177	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	24.71	
22 11 16 00-1178	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	48.09	
22 11 16 00-1179	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	77.89	
22 11 16 00-1180	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	189.96	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 11 16 00-1181 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings (22 11 16 00-1034)

22 11 16 00-1182	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	2.87
22 11 16 00-1183	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	3.60
22 11 16 00-1184	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	5.04
22 11 16 00-1185	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	8.63
22 11 16 00-1186	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	12.23
22 11 16 00-1187	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	15.11
22 11 16 00-1188	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	38.09
22 11 16 00-1189	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	56.07
22 11 16 00-1190	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	122.82

22 11 16 00-1191 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings (22 11 16 00-1034)

22 11 16 00-1192	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	5.04
22 11 16 00-1193	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	7.18
22 11 16 00-1194	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	12.51
22 11 16 00-1195	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	16.99
22 11 16 00-1196	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	21.25
22 11 16 00-1197	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	26.77
22 11 16 00-1198	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	54.65
22 11 16 00-1199	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	86.47
22 11 16 00-1200	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing.....	181.71

22 11 16 00-1201 1/2" Red Brass Pipe Nipples (22 11 16 00-1034)
 Note: Threaded both ends.

22 11 16 00-1202	EA	1/2" x Close, Red Brass Pipe Nipple.....	5.15
22 11 16 00-1203	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple.....	6.03
22 11 16 00-1204	EA	1/2" x 2" Long, Red Brass Pipe Nipple.....	7.38
22 11 16 00-1205	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple.....	8.77
22 11 16 00-1206	EA	1/2" x 3" Long, Red Brass Pipe Nipple.....	10.16
22 11 16 00-1207	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple.....	11.99
22 11 16 00-1208	EA	1/2" x 4" Long, Red Brass Pipe Nipple.....	13.45
22 11 16 00-1209	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple.....	14.77
22 11 16 00-1210	EA	1/2" x 5" Long, Red Brass Pipe Nipple.....	16.16
22 11 16 00-1211	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple.....	17.68
22 11 16 00-1212	EA	1/2" x 6" Long, Red Brass Pipe Nipple.....	19.04

22 11 16 00-1213 3/4" Red Brass Pipe Nipples (22 11 16 00-1034)
 Note: Threaded both ends.

22 11 16 00-1214	EA	3/4" x Close, Red Brass Pipe Nipple.....	7.52
22 11 16 00-1215	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple.....	7.93
22 11 16 00-1216	EA	3/4" x 2" Long, Red Brass Pipe Nipple.....	9.59
22 11 16 00-1217	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple.....	11.28
22 11 16 00-1218	EA	3/4" x 3" Long, Red Brass Pipe Nipple.....	12.80
22 11 16 00-1219	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple.....	14.70
22 11 16 00-1220	EA	3/4" x 4" Long, Red Brass Pipe Nipple.....	16.53
22 11 16 00-1221	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple.....	18.56
22 11 16 00-1222	EA	3/4" x 5" Long, Red Brass Pipe Nipple.....	20.26
22 11 16 00-1223	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple.....	23.34
22 11 16 00-1224	EA	3/4" x 6" Long, Red Brass Pipe Nipple.....	24.52

22 11 16 00-1225 1" Red Brass Pipe Nipples (22 11 16 00-1034)
 Note: Threaded both ends.

22 11 16 00-1226	EA	1" x Close, Red Brass Pipe Nipple.....	11.45
22 11 16 00-1227	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple.....	12.60
22 11 16 00-1228	EA	1" x 2" Long, Red Brass Pipe Nipple.....	13.75
22 11 16 00-1229	EA	1" x 2-1/2" Long, Red Brass Pipe Nipple.....	16.36
22 11 16 00-1230	EA	1" x 3" Long, Red Brass Pipe Nipple.....	18.49
22 11 16 00-1231	EA	1" x 3-1/2" Long, Red Brass Pipe Nipple.....	21.78
22 11 16 00-1232	EA	1" x 4" Long, Red Brass Pipe Nipple.....	24.39
22 11 16 00-1233	EA	1" x 4-1/2" Long, Red Brass Pipe Nipple.....	26.96
22 11 16 00-1234	EA	1" x 5" Long, Red Brass Pipe Nipple.....	29.60
22 11 16 00-1235	EA	1" x 5-1/2" Long, Red Brass Pipe Nipple.....	32.38
22 11 16 00-1236	EA	1" x 6" Long, Red Brass Pipe Nipple.....	34.96

22 11 16 00-1237 1-1/4" Red Brass Pipe Nipples (22 11 16 00-1034)
 Note: Threaded both ends.

22 11 16 00-1238	EA	1-1/4" x Close, Red Brass Pipe Nipple.....	16.94
22 11 16 00-1239	EA	1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple.....	18.05
22 11 16 00-1240	EA	1-1/4" x 2" Long, Red Brass Pipe Nipple.....	19.41
22 11 16 00-1241	EA	1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple.....	23.37
22 11 16 00-1242	EA	1-1/4" x 3" Long, Red Brass Pipe Nipple.....	27.30
22 11 16 00-1243	EA	1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple.....	32.04
22 11 16 00-1244	EA	1-1/4" x 4" Long, Red Brass Pipe Nipple.....	35.97
22 11 16 00-1245	EA	1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple.....	39.90
22 11 16 00-1246	EA	1-1/4" x 5" Long, Red Brass Pipe Nipple.....	43.87
22 11 16 00-1247	EA	1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple.....	48.00
22 11 16 00-1248	EA	1-1/4" x 6" Long, Red Brass Pipe Nipple.....	51.93

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

22 11 16 00-1249	1-1/2" Red Brass Pipe Nipples (22 11 16 00-1034)	
	Note: Threaded both ends.	
22 11 16 00-1250	EA 1-1/2" x Close, Red Brass Pipe Nipple	21.07
22 11 16 00-1251	EA 1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	21.99
22 11 16 00-1252	EA 1-1/2" x 2" Long, Red Brass Pipe Nipple	22.90
22 11 16 00-1253	EA 1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	27.84
22 11 16 00-1254	EA 1-1/2" x 3" Long, Red Brass Pipe Nipple	31.57
22 11 16 00-1255	EA 1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	37.12
22 11 16 00-1256	EA 1-1/2" x 4" Long, Red Brass Pipe Nipple	41.80
22 11 16 00-1257	EA 1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	46.64
22 11 16 00-1258	EA 1-1/2" x 5" Long, Red Brass Pipe Nipple	51.32
22 11 16 00-1259	EA 1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	55.89
22 11 16 00-1260	EA 1-1/2" x 6" Long, Red Brass Pipe Nipple	60.46

22 11 16 00-1261	2" Red Brass Pipe Nipples (22 11 16 00-1034)	
	Note: Threaded both ends.	
22 11 16 00-1262	EA 2" x Close, Red Brass Pipe Nipple.....	32.38
22 11 16 00-1263	EA 2" x 1-1/2" Long, Red Brass Pipe Nipple	33.51
22 11 16 00-1264	EA 2" x 2" Long, Red Brass Pipe Nipple	34.64
22 11 16 00-1265	EA 2" x 2-1/2" Long, Red Brass Pipe Nipple	35.77
22 11 16 00-1266	EA 2" x 3" Long, Red Brass Pipe Nipple	40.51
22 11 16 00-1267	EA 2" x 3-1/2" Long, Red Brass Pipe Nipple	47.76
22 11 16 00-1268	EA 2" x 4" Long, Red Brass Pipe Nipple	53.65
22 11 16 00-1269	EA 2" x 4-1/2" Long, Red Brass Pipe Nipple	59.55
22 11 16 00-1270	EA 2" x 5" Long, Red Brass Pipe Nipple	64.87
22 11 16 00-1271	EA 2" x 5-1/2" Long, Red Brass Pipe Nipple	71.54
22 11 16 00-1272	EA 2" x 6" Long, Red Brass Pipe Nipple	77.40

22 11 16 00-1273	Cross-Linked Polyethylene Tubing, ASTM F877 (22 11 16)	
	Note: Aboveground, domestic water usage.	

22 11 16 00-1274	Cross-Linked Polyethylene Tubing (22 11 16 00-1273)	
22 11 16 00-1275	LF 3/8" Cross-Linked Polyethylene Tubing	2.80
	<i>For Work In Restricted Working Space, Add</i>	0.74
22 11 16 00-1276	LF 1/2" Cross-Linked Polyethylene Tubing	3.04
	<i>For Work In Restricted Working Space, Add</i>	0.80
22 11 16 00-1277	LF 3/4" Cross-Linked Polyethylene Tubing	3.57
	<i>For Work In Restricted Working Space, Add</i>	0.86
22 11 16 00-1278	LF 1" Cross-Linked Polyethylene Tubing	4.24
	<i>For Work In Restricted Working Space, Add</i>	0.91

22 11 16 00-1279	Cross-Linked Polyethylene Forged Brass PEX Fittings (22 11 16 00-1273)	
	Note: Aboveground, domestic water usage.	

22 11 16 00-1280	Male Adapters (22 11 16 00-1279)	
22 11 16 00-1281	EA 3/8" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing.....	14.12
	<i>For Work In Restricted Working Space, Add</i>	3.80
22 11 16 00-1282	EA 1/2" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing.....	15.14
	<i>For Work In Restricted Working Space, Add</i>	4.06
22 11 16 00-1283	EA 1/2" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing.....	16.31
	<i>For Work In Restricted Working Space, Add</i>	4.31
22 11 16 00-1284	EA 3/4" x 3/4", (PE x Threaded) Male Adapter For PEX Tubing.....	17.15
	<i>For Work In Restricted Working Space, Add</i>	4.66
22 11 16 00-1285	EA 3/4" x 1/2", (PE x Threaded) Male Adapter For PEX Tubing.....	16.31
	<i>For Work In Restricted Working Space, Add</i>	4.31
22 11 16 00-1286	EA 1" x 1", (PE x Threaded) Male Adapter For PEX Tubing.....	20.32
	<i>For Work In Restricted Working Space, Add</i>	5.07

22 11 16 00-1287	Female Adapters (22 11 16 00-1279)	
22 11 16 00-1288	EA 1/2" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	15.30
	<i>For Work In Restricted Working Space, Add</i>	4.06
22 11 16 00-1289	EA 1/2" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	16.77
	<i>For Work In Restricted Working Space, Add</i>	4.31
22 11 16 00-1290	EA 3/4" x 3/4", (PE x Threaded) Female Adapter For PEX Tubing	17.61
	<i>For Work In Restricted Working Space, Add</i>	4.66
22 11 16 00-1291	EA 3/4" x 1/2", (PE x Threaded) Female Adapter For PEX Tubing	16.77
	<i>For Work In Restricted Working Space, Add</i>	4.31
22 11 16 00-1292	EA 1" x 1", (PE x Threaded) Female Adapter For PEX Tubing	20.53
	<i>For Work In Restricted Working Space, Add</i>	5.07

22 11 16 00-1293	Tube Adapters (22 11 16 00-1279)	
22 11 16 00-1294	EA 3/8" x 1/2" Tube Adapter For PEX Tubing	13.44
	<i>For Work In Restricted Working Space, Add</i>	3.80
22 11 16 00-1295	EA 1/2" Tube Adapter For PEX Tubing	14.29
	<i>For Work In Restricted Working Space, Add</i>	4.06
22 11 16 00-1296	EA 3/4" Tube Adapter For PEX Tubing	16.61
	<i>For Work In Restricted Working Space, Add</i>	4.66
22 11 16 00-1297	EA 1" Tube Adapter For PEX Tubing	19.89
	<i>For Work In Restricted Working Space, Add</i>	5.07

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1298 Plugs (22 11 16 00-1279)					
22 11 16 00-1299	EA		3/8" Plug For PEX Tubing.....	6.51	
			<i>For Work In Restricted Working Space, Add</i>	1.78	
22 11 16 00-1300	EA		1/2" Plug For PEX Tubing.....	7.35	
			<i>For Work In Restricted Working Space, Add</i>	2.03	
22 11 16 00-1301	EA		3/4" Plug For PEX Tubing.....	8.37	
			<i>For Work In Restricted Working Space, Add</i>	2.28	
22 11 16 00-1302	EA		1" Plug For PEX Tubing.....	9.85	
			<i>For Work In Restricted Working Space, Add</i>	2.54	
22 11 16 00-1303 Tees (22 11 16 00-1279)					
22 11 16 00-1304	EA		3/8" Tee For PEX Tubing.....	18.98	
			<i>For Work In Restricted Working Space, Add</i>	5.33	
22 11 16 00-1305	EA		1/2" Tee For PEX Tubing.....	21.51	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
22 11 16 00-1306	EA		3/4" Tee For PEX Tubing.....	24.89	
			<i>For Work In Restricted Working Space, Add</i>	6.85	
22 11 16 00-1307	EA		1" Tee For PEX Tubing.....	29.78	
			<i>For Work In Restricted Working Space, Add</i>	7.61	
22 11 16 00-1308	EA		1/2" Reducing Tee For PEX Tubing.....	20.67	
			<i>For Work In Restricted Working Space, Add</i>	5.83	
22 11 16 00-1309	EA		3/4" Reducing Tee For PEX Tubing.....	23.20	
			<i>For Work In Restricted Working Space, Add</i>	6.34	
22 11 16 00-1310	EA		1" Reducing Tee For PEX Tubing.....	26.92	
			<i>For Work In Restricted Working Space, Add</i>	6.85	
22 11 16 00-1311 Couplings (22 11 16 00-1279)					
22 11 16 00-1312	EA		3/8" Coupling For PEX Tubing.....	12.47	
			<i>For Work In Restricted Working Space, Add</i>	3.55	
22 11 16 00-1313	EA		1/2" Coupling For PEX Tubing.....	14.20	
			<i>For Work In Restricted Working Space, Add</i>	4.06	
22 11 16 00-1314	EA		3/4" Coupling For PEX Tubing.....	16.09	
			<i>For Work In Restricted Working Space, Add</i>	4.56	
22 11 16 00-1315	EA		1" Coupling For PEX Tubing.....	18.76	
			<i>For Work In Restricted Working Space, Add</i>	5.07	
22 11 16 00-1316	EA		3/4" x 1/2" Reducing Coupling For PEX Tubing.....	15.25	
			<i>For Work In Restricted Working Space, Add</i>	4.31	
22 11 16 00-1317	EA		1" x 3/4" Reducing Coupling For PEX Tubing.....	17.91	
			<i>For Work In Restricted Working Space, Add</i>	4.82	
22 11 16 00-1318 Fitting Reducers (22 11 16 00-1279)					
22 11 16 00-1319	EA		3/8" x 1/2" Fitting Reducer For PEX Tubing.....	13.56	
			<i>For Work In Restricted Working Space, Add</i>	3.80	
22 11 16 00-1320	EA		1/2" Fitting Reducer For PEX Tubing.....	14.41	
			<i>For Work In Restricted Working Space, Add</i>	4.06	
22 11 16 00-1321	EA		3/4" Fitting Reducer For PEX Tubing.....	16.86	
			<i>For Work In Restricted Working Space, Add</i>	4.56	
22 11 16 00-1322	EA		1" Fitting Reducer For PEX Tubing.....	21.33	
			<i>For Work In Restricted Working Space, Add</i>	5.07	
22 11 16 00-1323 90 Degree Elbows (22 11 16 00-1279)					
22 11 16 00-1324	EA		3/8" 90 Degree Elbow For PEX Tubing.....	12.85	
			<i>For Work In Restricted Working Space, Add</i>	3.55	
22 11 16 00-1325	EA		1/2" 90 Degree Elbow For PEX Tubing.....	14.54	
			<i>For Work In Restricted Working Space, Add</i>	4.06	
22 11 16 00-1326	EA		3/4" 90 Degree Elbow For PEX Tubing.....	16.86	
			<i>For Work In Restricted Working Space, Add</i>	4.56	
22 11 16 00-1327	EA		3/4" x 1/2" 90 Degree Elbow For PEX Tubing.....	16.02	
			<i>For Work In Restricted Working Space, Add</i>	4.31	
22 11 16 00-1328	EA		1/2" Drop 90 Degree Elbow For PEX Tubing.....	17.16	
			<i>For Work In Restricted Working Space, Add</i>	4.06	
22 11 16 00-1329	EA		3/4" Drop 90 Degree Elbow For PEX Tubing.....	19.22	
			<i>For Work In Restricted Working Space, Add</i>	4.56	
22 11 16 00-1330	EA		3/4" x 1/2" Drop 90 Degree Elbow For PEX Tubing.....	18.38	
			<i>For Work In Restricted Working Space, Add</i>	4.31	
22 11 19 Domestic Water Piping Specialties (22 11)					
22 11 19 00-0001 Brass, Anti Siphon Vacuum Breakers (22 11 19)					
Note: Watts 288A					
22 11 19 00-0002	EA		1/2" Brass, Anti Siphon Vacuum Breaker.....	62.81	21.13
22 11 19 00-0003	EA		3/4" Brass, Anti Siphon Vacuum Breaker.....	71.48	23.66
22 11 19 00-0004	EA		1" Brass, Anti Siphon Vacuum Breaker.....	128.12	27.05
22 11 19 00-0005	EA		1-1/4" Brass, Anti Siphon Vacuum Breaker.....	193.80	31.27
22 11 19 00-0006	EA		1-1/2" Brass, Anti Siphon Vacuum Breaker.....	230.78	34.65
22 11 19 00-0007	EA		2" Brass, Anti Siphon Vacuum Breaker.....	329.90	42.26
22 11 19 00-0008	EA		2-1/2" Brass, Anti Siphon Vacuum Breaker.....	816.07	52.82
22 11 19 00-0009 Anti Siphon Pressure Vacuum Breakers (22 11 19)					
Note: Watts 800M4QT					

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 11 19 00-0010	EA	1/2" Anti Siphon Pressure Type Vacuum Breaker	149.85	21.13
22 11 19 00-0011	EA	3/4" Anti Siphon Pressure Type Vacuum Breaker	135.23	23.66
22 11 19 00-0012	EA	1" Anti Siphon Pressure Type Vacuum Breaker	187.33	27.05
22 11 19 00-0013	EA	1-1/4" Anti Siphon Pressure Type Vacuum Breaker	324.05	31.27
22 11 19 00-0014	EA	1-1/2" Anti Siphon Pressure Type Vacuum Breaker	393.33	34.65
22 11 19 00-0015	EA	2" Anti Siphon Pressure Type Vacuum Breaker	402.71	42.26
22 11 19 00-0016		Bellows Type Water Hammer Arrestors (22 11 19)		
22 11 19 00-0017	EA	Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	129.52	10.11
22 11 19 00-0018	EA	>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	246.90	12.23
22 11 19 00-0019	EA	>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	357.17	12.23
22 11 19 00-0020	EA	>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	858.59	12.23
22 11 19 00-0021	EA	>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	966.00	12.23
22 11 19 00-0022	EA	>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	1,181.44	12.23
22 11 19 00-0023		Piston Type Water Hammer Arrestors (22 11 19)		
22 11 19 00-0024		Threaded Piston Type Water Hammer Arrestors (22 11 19 00-0023)		
22 11 19 00-0025	EA	Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A)	77.81	5.64
22 11 19 00-0026	EA	>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B)	146.09	6.50
22 11 19 00-0027	EA	>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C)	215.09	7.05
22 11 19 00-0028	EA	>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D)	522.69	9.09
22 11 19 00-0029	EA	>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E)	636.78	11.27
22 11 19 00-0030	EA	>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F)	724.14	12.23
22 11 19 00-0031		Washer Boxes And Dryer Outlets (22 11 19)		
22 11 19 00-0032		Dryer Vent Kit (22 11 19 00-0031)		
		Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0033	EA	Dryer Vent Kit With Hood, 4" x 5" Flexible Vent And Clamps	59.35	10.99
22 11 19 00-0034		Washer Boxes And Dryer Vents (22 11 19 00-0031)		
		Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0035	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves	194.11	16.90
22 11 19 00-0036		Ice Maker Outlet Box (22 11 19)		
		Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0037	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	105.59	16.90
22 11 19 00-0038	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount	130.31	16.90
22 11 19 00-0039	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount	143.91	16.90
22 11 19 00-0040		Rubber Hose And Clamps (22 11 19)		
22 11 19 00-0041		General Purpose Hose (22 11 19 00-0040)		
		Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0042	LF	3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	7.82	1.69
22 11 19 00-0043	LF	1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	7.89	1.69
22 11 19 00-0044	LF	5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.05	1.69
22 11 19 00-0045	LF	3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	8.01	1.69
22 11 19 00-0046	LF	1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	10.08	2.53
22 11 19 00-0047	LF	1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	11.35	2.53
22 11 19 00-0048	LF	1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp	13.29	3.37
22 11 19 00-0049		Chemical Resistant Rubber Hoses (22 11 19 00-0040)		
22 11 19 00-0050	EA	50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose	1,085.50	203.39
22 11 19 00-0051	EA	50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose	1,530.19	203.39
22 11 19 00-0052		Water Pump Hose (22 11 19 00-0040)		
22 11 19 00-0053	EA	2" Inside Diameter, 20' Rubber Discharge Hose	184.68	51.48
22 11 19 00-0054	EA	2" Inside Diameter, 20' Rubber Intake Hose	191.00	51.48
22 11 19 00-0055		Serrated Shank Nipple (22 11 19 00-0040)		
		Note: For use as medium pressure coupling.		
22 11 19 00-0056	EA	3/8" Inside Diameter Hose x 1/2" Male Pipe Thread Serrated Shank Nipple	18.32	4.22
22 11 19 00-0057	EA	1/2" Inside Diameter Hose x 5/8" Male Pipe Thread Serrated Shank Nipple	18.23	4.22

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 19 00-0058	EA	5/8" Inside Diameter Hose x 3/4" Male Pipe Thread Serrated Shank Nipple.....	18.23		4.22
22 11 19 00-0059	EA	3/4" Inside Diameter Hose x 1" Male Pipe Thread Serrated Shank Nipple.....	23.11		5.89
22 11 19 00-0060	EA	1" Inside Diameter Hose x 1-1/4" Male Pipe Thread Serrated Shank Nipple.....	24.30		5.89
22 11 19 00-0061	EA	1-1/4" Inside Diameter Hose x 1-1/2" Male Pipe Thread Serrated Shank Nipple.....	45.83		10.96
22 11 19 00-0062	EA	1-1/2" Inside Diameter Hose x 2" Male Pipe Thread Serrated Shank Nipple.....	56.88		13.49
22 11 19 00-0063 Worm-Drive Hose Clamp (22 11 19 00-0040)					
22 11 19 00-0064	EA	3/8" To 1" Diameter Worm Drive Hose Clamp.....	8.59		2.53
22 11 19 00-0065	EA	1/2" To 1-1/6" Diameter Worm Drive Hose Clamp.....	9.09		2.53
22 11 19 00-0066	EA	5/8" To 1-1/2" Diameter Worm Drive Hose Clamp.....	9.63		2.53
22 11 19 00-0067	EA	3/4" To 2" Diameter Worm Drive Hose Clamp.....	10.26		2.53
22 11 19 00-0068	EA	1" To 2-1/2" Diameter Worm Drive Hose Clamp.....	10.98		2.53
22 11 19 00-0069	EA	1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp.....	11.86		3.37
22 11 19 00-0070	EA	1-1/2" To 3" Diameter Worm Drive Hose Clamp.....	12.82		3.37
22 11 19 00-0071 Trap Primer And Accessories (22 11 19)					
22 11 19 00-0072 Trap Primer (22 11 19 00-0071)					
22 11 19 00-0073	EA	1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699).....	141.88		12.68
22 11 19 00-0074	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500).....	87.94		8.45
22 11 19 00-0075	EA	1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500).....	85.53		8.45
22 11 19 00-0076 Trap Primer Distribution Unit (22 11 19 00-0071)					
22 11 19 00-0077	EA	Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U)..... Note: Can be used for two, three or four drains.	87.08		16.90
22 11 19 00-0078	EA	Copper Four Opening Trap Primer Distribution Unit (PPP DU-4)..... Note: Can be used for two, three or four drains.	93.57		16.90
22 11 19 00-0079 Trap Primer Manifold (22 11 19 00-0071)					
22 11 19 00-0080	EA	Two Outlet Manifold.....	115.73		22.74
22 11 19 00-0081	EA	Four Outlet Manifold.....	169.26		25.87
22 11 19 00-0082	EA	Six Outlet Manifold.....	220.54		27.39
22 11 19 00-0083	EA	Eight Outlet Manifold.....	275.80		32.12
22 11 19 00-0084 Sewage Air Release Valves (22 11 19)					
22 11 19 00-0085 Cast Iron, Sewage Air Release Valves (22 11 19 00-0084)					
Note: Stainless steel float.					
22 11 19 00-0086	EA	2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	684.56 650.00		30.86
22 11 19 00-0087	EA	3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	840.93 650.00		51.57
22 11 19 00-0088	EA	4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400)..... <i>For Back Flush Attachment, Add</i>	1,066.33 650.00		65.11
22 11 19 00-0089 Cast Iron, Sewage Air Vacuum Valves (22 11 19 00-0084)					
Note: Stainless steel float.					
22 11 19 00-0090	EA	2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401)..... <i>For Back Flush Attachment, Add</i>	699.39 650.00		30.86
22 11 19 00-0091	EA	2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402)..... <i>For Back Flush Attachment, Add</i>	1,370.43 650.00		30.86
22 11 19 00-0092	EA	3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403)..... <i>For Back Flush Attachment, Add</i>	1,645.44 650.00		51.57
22 11 19 00-0093	EA	4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404).....	2,436.21		65.11
22 11 19 00-0094 Cast Iron, Sewage Combination Air Valves (22 11 19 00-0084)					
Note: Stainless steel float.					
22 11 19 00-0095	EA	2" x 1" NPT, Sewage Combination Air Valve (Apco 443).....	1,492.78		30.86
22 11 19 00-0096	EA	2" x 2" NPT, Sewage Combination Air Valve (Apco 445).....	2,058.15		30.86
22 11 19 00-0097	EA	3" x 3" NPT, Sewage Combination Air Valve (Apco 447).....	2,409.16		51.57
22 11 19 00-0098	EA	4" x 4" NPT, Sewage Combination Air Valve (Apco 449).....	2,945.98		65.11
22 11 19 00-0099 Wall Hydrants (22 11 19)					
Note: Female inlet connection, 3/4" hose thread outlet.					
22 11 19 00-0100 Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker					
Wall Hydrants (22 11 19 00-0099)					
Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.					
22 11 19 00-0101	EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant..... <i>For Cast Bronze Box, Add</i> <i>For 1" NPT Outlet, Add</i>	467.99 23.04 54.31		21.13
22 11 19 00-0102	EA	12" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant..... <i>For Cast Bronze Box, Add</i> <i>For 1" NPT Outlet, Add</i>	495.65 23.04 54.31		25.35
22 11 19 00-0103	EA	18" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant..... <i>For Cast Bronze Box, Add</i> <i>For 1" NPT Outlet, Add</i>	512.96 23.04 54.31		30.51

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

22 11 19 00-0104		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants <small>(22 11 19 00-0099)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0105	EA	Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	487.36	35.50
		<i>For Cast Bronze Box, Add</i>	23.04	
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0106		Cast Bronze Non-Freezing Wall Hydrant <small>(22 11 19 00-0099)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0107	EA	3" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	269.98	26.20
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0108	EA	4" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	328.33	26.20
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0109	EA	6" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	328.33	26.20
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0110	EA	8" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	328.33	26.20
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0111	EA	10" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	341.90	52.82
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0112	EA	12" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	341.90	52.82
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0113	EA	18" Thick Wall, Cast Bronze, Non Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	382.52	52.82
		<i>For 1" NPT Outlet, Add</i>	54.31	
22 11 19 00-0114		Stainless Steel Box Type Wall Hydrants <small>(22 11 19 00-0099)</small> Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0115	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140)	241.60	21.13
22 11 19 00-0116	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141)	261.96	21.13
22 11 19 00-0117	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150)	264.73	21.13
22 11 19 00-0118	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151)	295.27	21.13
22 11 19 00-0119	EA	Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)	412.04	29.58
		Note: Includes hot and cold hose connections.		
22 11 19 00-0120	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)	424.07	29.58
		Note: Includes hot and cold hose connections.		
22 11 19 00-0121	EA	Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)	424.07	29.58
		Note: Includes hot and cold hose connections.		
22 11 19 00-0122	EA	Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)	452.75	29.58
		Note: Includes hot and cold hose connections.		
22 11 19 00-0123		Tempering Controllers For Potable Hot Water <small>(22 11 19)</small>		
22 11 19 00-0124		Point-Of-Use Thermostatic Mixing Valves (Bradley) <small>(22 11 19 00-0123)</small> Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0125	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007)	260.40	20.46
22 11 19 00-0126	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004)	135.34	20.46
22 11 19 00-0127	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008)	145.27	20.46
22 11 19 00-0128	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016)	224.19	27.56
22 11 19 00-0129		Thermostatic Mixing Valves (Bradley) <small>(22 11 19 00-0123)</small> Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0130	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025)	633.80	29.51
22 11 19 00-0131	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045)	714.56	36.35
22 11 19 00-0132	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080)	857.27	42.28
22 11 19 00-0133	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130)	1,104.25	44.44
22 11 19 00-0134	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200)	1,481.01	57.65
22 11 19 00-0135		High Low Temperature Thermostatic Mixing Valves (Bradley) <small>(22 11 19 00-0123)</small> Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0136	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045)	1,557.18	45.44
22 11 19 00-0137	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080)	2,017.12	52.84
22 11 19 00-0138	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130)	2,347.95	55.54
22 11 19 00-0139	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200)	2,609.16	72.05
22 11 19 00-0140		Thermostatic Mixing Valves (Leonard) <small>(22 11 19 00-0123)</small> Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0141	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF)	585.13	29.51
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0142	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF)	689.51	36.34
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0143	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF)	846.51	42.28
		Note: For hot water or two pipe low pressure steam.		

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 19 00-0144	EA 1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF)..... Note: For hot water or two pipe low pressure steam.	1,032.23	44.45
22 11 19 00-0145	EA 2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF)..... Note: For hot water or two pipe low pressure steam.	1,530.35	57.65
22 11 19 00-0146	Water Mixing/Self Operating Temperature Regulator (22 11 19 00-0123) Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0147	EA 3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,265.48	42.26
22 11 19 00-0148	EA 1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,355.76	53.25
22 11 19 00-0149	EA 1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,504.12	64.24
22 11 19 00-0150	EA 1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,664.93	75.22
22 11 19 00-0151	EA 2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator)	1,960.34	98.89
22 11 19 00-0152	EA 2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	2,284.98	112.73
22 11 19 00-0153	Backflow Preventer Valves (22 11 19)		
22 11 19 00-0154	Double Check Valve Backflow Preventer Assemblies (22 11 19 00-0153)		
22 11 19 00-0155	Threaded Double Check Valve Assemblies (22 11 19 00-0154)		
22 11 19 00-0156	Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0155) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0157	EA 1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	234.51 16.99 -177.88	22.65
22 11 19 00-0158	EA 3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	281.10 24.09 -200.81	32.12
22 11 19 00-0159	EA 1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	325.89 29.42 -227.84	39.21
22 11 19 00-0160	EA 1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	448.83 34.23 -334.73	45.64
22 11 19 00-0161	EA 1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)	552.22 39.05 -422.07	52.40
22 11 19 00-0162	EA 2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	642.24 50.71 -473.20	67.62
22 11 19 00-0163	Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0155) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0164	EA 1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	285.41 16.99 -228.78	22.65
22 11 19 00-0165	EA 3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	355.65 24.09 -275.36	32.12
22 11 19 00-0166	EA 1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	417.28 29.42 -319.23	39.21
22 11 19 00-0167	EA 1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	579.05 34.23 -464.95	45.64
22 11 19 00-0168	EA 1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	705.61 39.05 -575.45	52.40
22 11 19 00-0169	EA 2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	853.99 50.71 -684.95	67.62
22 11 19 00-0170	Flanged Double Check Valve Assemblies (22 11 19 00-0154)		
22 11 19 00-0171	Double Check Valve Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0170) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 NRS series).		
22 11 19 00-0172	EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,687.07 74.69 -1,438.10	186.73
22 11 19 00-0173	EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 007 NRS)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,855.68 82.86 -1,579.48	210.07

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

22 11 19 00-0174		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ^(22 11 19 00-0170) <small>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 007 OSY series).</small>		
22 11 19 00-0175	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	1,833.25	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-1,584.28	
22 11 19 00-0176	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	2,099.48	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-1,823.28	
22 11 19 00-0177		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs ^(22 11 19 00-0170) <small>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 NRS series).</small>		
22 11 19 00-0178	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,078.25	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-1,829.30	
22 11 19 00-0179	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,285.15	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-2,008.94	
22 11 19 00-0180	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	2,638.04	311.21
		<i>For Work In Restricted Working Space, Add</i>	124.42	
		<i>For Owner Furnished Material, Deduct</i>	-2,223.32	
22 11 19 00-0181	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	4,423.17	469.38
		<i>For Work In Restricted Working Space, Add</i>	254.37	
		<i>For Owner Furnished Material, Deduct</i>	-3,575.26	
22 11 19 00-0182	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	8,440.28	704.06
		<i>For Work In Restricted Working Space, Add</i>	381.62	
		<i>For Owner Furnished Material, Deduct</i>	-7,168.21	
22 11 19 00-0183	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 709 NRS series)	11,054.14	832.76
		<i>For Work In Restricted Working Space, Add</i>	454.24	
		<i>For Owner Furnished Material, Deduct</i>	-9,540.02	
22 11 19 00-0184		Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer ^(22 11 19 00-0170) <small>Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).</small>		
22 11 19 00-0185	EA	2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,280.54	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-2,031.59	
22 11 19 00-0186	EA	3" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	2,527.17	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-2,250.97	
22 11 19 00-0187	EA	4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	3,176.17	311.21
		<i>For Work In Restricted Working Space, Add</i>	124.41	
		<i>For Owner Furnished Material, Deduct</i>	-2,761.48	
22 11 19 00-0188	EA	6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	5,444.29	469.38
		<i>For Work In Restricted Working Space, Add</i>	254.37	
		<i>For Owner Furnished Material, Deduct</i>	-4,596.38	
22 11 19 00-0189	EA	8" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	10,160.37	704.06
		<i>For Work In Restricted Working Space, Add</i>	381.56	
		<i>For Owner Furnished Material, Deduct</i>	-8,888.50	
22 11 19 00-0190	EA	10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts 709 NRS-S series)	11,054.14	832.76
		<i>For Work In Restricted Working Space, Add</i>	454.24	
		<i>For Owner Furnished Material, Deduct</i>	-9,540.02	
22 11 19 00-0191		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ^(22 11 19 00-0170) <small>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts 709 OSY series).</small>		
22 11 19 00-0192	EA	2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,205.38	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-1,956.43	
22 11 19 00-0193	EA	3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,516.35	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-2,240.15	
22 11 19 00-0194	EA	4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	2,907.44	311.21
		<i>For Work In Restricted Working Space, Add</i>	124.41	
		<i>For Owner Furnished Material, Deduct</i>	-2,492.75	
22 11 19 00-0195	EA	6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	4,745.63	469.38
		<i>For Work In Restricted Working Space, Add</i>	254.37	
		<i>For Owner Furnished Material, Deduct</i>	-3,897.72	
22 11 19 00-0196	EA	8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	8,978.07	704.06
		<i>For Work In Restricted Working Space, Add</i>	381.56	
		<i>For Owner Furnished Material, Deduct</i>	-7,706.20	
22 11 19 00-0197	EA	10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 709 OSY series)	12,129.03	832.76
		<i>For Work In Restricted Working Space, Add</i>	454.24	
		<i>For Owner Furnished Material, Deduct</i>	-10,614.91	
22 11 19 00-0198		Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ^(22 11 19 00-0170) <small>Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).</small>		

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0199	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	1,901.96	186.73
			<i>For Work In Restricted Working Space, Add</i>	74.69	
			<i>For Owner Furnished Material, Deduct</i>	-1,653.01	
22 11 19 00-0200	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,094.61	210.07
			<i>For Work In Restricted Working Space, Add</i>	82.86	
			<i>For Owner Furnished Material, Deduct</i>	-1,818.41	
22 11 19 00-0201	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	2,398.50	311.21
			<i>For Work In Restricted Working Space, Add</i>	124.41	
			<i>For Owner Furnished Material, Deduct</i>	-1,983.81	
22 11 19 00-0202	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	3,949.87	469.38
			<i>For Work In Restricted Working Space, Add</i>	254.37	
			<i>For Owner Furnished Material, Deduct</i>	-3,101.96	
22 11 19 00-0203	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	7,404.71	704.06
			<i>For Work In Restricted Working Space, Add</i>	381.56	
			<i>For Owner Furnished Material, Deduct</i>	-6,132.84	
22 11 19 00-0204	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY series).....	8,076.69	832.76
			<i>For Work In Restricted Working Space, Add</i>	454.24	
			<i>For Owner Furnished Material, Deduct</i>	-6,562.57	
22 11 19 00-0205			N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0170)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0206	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	2,488.49	186.73
			<i>For Work In Restricted Working Space, Add</i>	74.69	
			<i>For Owner Furnished Material, Deduct</i>	-2,239.54	
22 11 19 00-0207	EA		3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	2,681.14	210.07
			<i>For Work In Restricted Working Space, Add</i>	82.86	
			<i>For Owner Furnished Material, Deduct</i>	-2,404.94	
22 11 19 00-0208	EA		4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY series).....	3,378.60	311.21
			<i>For Work In Restricted Working Space, Add</i>	124.41	
			<i>For Owner Furnished Material, Deduct</i>	-2,963.91	
22 11 19 00-0209	EA		6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	5,590.61	469.38
			<i>For Work In Restricted Working Space, Add</i>	254.37	
			<i>For Owner Furnished Material, Deduct</i>	-4,742.70	
22 11 19 00-0210	EA		8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	9,836.45	704.06
			<i>For Work In Restricted Working Space, Add</i>	381.56	
			<i>For Owner Furnished Material, Deduct</i>	-8,564.58	
22 11 19 00-0211	EA		10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY series).....	11,705.46	832.76
			<i>For Work In Restricted Working Space, Add</i>	454.24	
			<i>For Owner Furnished Material, Deduct</i>	-10,191.34	
22 11 19 00-0212			Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves <small>(22 11 19 00-0170)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0213	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	1,785.31	186.73
			<i>For Work In Restricted Working Space, Add</i>	74.69	
			<i>For Owner Furnished Material, Deduct</i>	-1,536.36	
22 11 19 00-0214	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	1,983.26	210.07
			<i>For Work In Restricted Working Space, Add</i>	82.86	
			<i>For Owner Furnished Material, Deduct</i>	-1,707.06	
22 11 19 00-0215	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	2,292.38	311.21
			<i>For Work In Restricted Working Space, Add</i>	124.41	
			<i>For Owner Furnished Material, Deduct</i>	-1,877.69	
22 11 19 00-0216	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	3,866.51	469.38
			<i>For Work In Restricted Working Space, Add</i>	254.37	
			<i>For Owner Furnished Material, Deduct</i>	-3,018.60	
22 11 19 00-0217	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	7,324.38	704.06
			<i>For Work In Restricted Working Space, Add</i>	381.56	
			<i>For Owner Furnished Material, Deduct</i>	-6,052.51	
22 11 19 00-0218	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	8,301.00	832.76
			<i>For Work In Restricted Working Space, Add</i>	454.24	
			<i>For Owner Furnished Material, Deduct</i>	-6,786.88	
22 11 19 00-0219			N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0170)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0220	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	2,322.65	186.73
			<i>For Work In Restricted Working Space, Add</i>	74.69	
			<i>For Owner Furnished Material, Deduct</i>	-2,073.70	
22 11 19 00-0221	EA		3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	2,515.30	210.07
			<i>For Work In Restricted Working Space, Add</i>	82.86	
			<i>For Owner Furnished Material, Deduct</i>	-2,239.10	
22 11 19 00-0222	EA		4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	3,212.97	311.21
			<i>For Work In Restricted Working Space, Add</i>	124.41	
			<i>For Owner Furnished Material, Deduct</i>	-2,798.28	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 11 19 00-0223	EA 6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) 5,414.19	469.38
	<i>For Work In Restricted Working Space, Add</i> 254.37	
	<i>For Owner Furnished Material, Deduct</i> -4,566.28	
22 11 19 00-0224	EA 8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) 9,569.42	704.06
	<i>For Work In Restricted Working Space, Add</i> 381.56	
	<i>For Owner Furnished Material, Deduct</i> -8,297.55	
22 11 19 00-0225	EA 10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series) 11,437.65	832.76
	<i>For Work In Restricted Working Space, Add</i> 454.24	
	<i>For Owner Furnished Material, Deduct</i> -9,923.53	
22 11 19 00-0226	Double Check Valve Assemblies With Butterfly Shut-Off Valves (22 11 19 00-0170)	
	Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).	
22 11 19 00-0227	EA 2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 2,061.21	186.73
	<i>For Work In Restricted Working Space, Add</i> 74.69	
	<i>For Owner Furnished Material, Deduct</i> -1,812.26	
22 11 19 00-0228	EA 3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 2,253.85	210.07
	<i>For Work In Restricted Working Space, Add</i> 82.86	
	<i>For Owner Furnished Material, Deduct</i> -1,977.65	
22 11 19 00-0229	EA 4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 2,557.74	311.21
	<i>For Work In Restricted Working Space, Add</i> 124.41	
	<i>For Owner Furnished Material, Deduct</i> -2,143.05	
22 11 19 00-0230	EA 6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 4,113.13	469.38
	<i>For Work In Restricted Working Space, Add</i> 254.37	
	<i>For Owner Furnished Material, Deduct</i> -3,265.22	
22 11 19 00-0231	EA 8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 7,567.96	704.06
	<i>For Work In Restricted Working Space, Add</i> 381.56	
	<i>For Owner Furnished Material, Deduct</i> -6,296.09	
22 11 19 00-0232	N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs (22 11 19 00-0170)	
	Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).	
22 11 19 00-0233	EA 2-1/2" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 2,647.73	186.73
	<i>For Work In Restricted Working Space, Add</i> 74.69	
	<i>For Owner Furnished Material, Deduct</i> -2,398.78	
22 11 19 00-0234	EA 3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 2,840.38	210.07
	<i>For Work In Restricted Working Space, Add</i> 82.86	
	<i>For Owner Furnished Material, Deduct</i> -2,564.18	
22 11 19 00-0235	EA 4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 3,537.84	311.21
	<i>For Work In Restricted Working Space, Add</i> 124.41	
	<i>For Owner Furnished Material, Deduct</i> -3,123.15	
22 11 19 00-0236	EA 6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 5,753.90	469.38
	<i>For Work In Restricted Working Space, Add</i> 254.37	
	<i>For Owner Furnished Material, Deduct</i> -4,905.99	
22 11 19 00-0237	EA 8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series) 7,567.96	704.06
	<i>For Work In Restricted Working Space, Add</i> 381.56	
	<i>For Owner Furnished Material, Deduct</i> -6,296.09	
22 11 19 00-0238	Grooved Double Check Valve Assemblies (22 11 19 00-0154)	
22 11 19 00-0239	Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0238)	
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).	
22 11 19 00-0240	EA 2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) 1,785.31	99.59
	<i>For Work In Restricted Working Space, Add</i> 74.69	
	<i>For Owner Furnished Material, Deduct</i> -1,536.36	
22 11 19 00-0241	EA 3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series) 1,983.26	110.48
	<i>For Work In Restricted Working Space, Add</i> 82.86	
	<i>For Owner Furnished Material, Deduct</i> -1,707.06	
22 11 19 00-0242	N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0238)	
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).	
22 11 19 00-0243	EA 2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) 2,322.65	99.59
	<i>For Work In Restricted Working Space, Add</i> 74.69	
	<i>For Owner Furnished Material, Deduct</i> -2,073.70	
22 11 19 00-0244	EA 3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series) 2,515.30	110.48
	<i>For Work In Restricted Working Space, Add</i> 82.86	
	<i>For Owner Furnished Material, Deduct</i> -2,239.10	
22 11 19 00-0245	Reduced Pressure Zone Backflow Preventer Assemblies (22 11 19 00-0153)	
22 11 19 00-0246	Threaded Reduced Pressure Zone Assemblies (22 11 19 00-0245)	
22 11 19 00-0247	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0246)	
	Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).	
22 11 19 00-0248	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) 255.91	19.61
	<i>For Work In Restricted Working Space, Add</i> 14.71	
	<i>For Owner Furnished Material, Deduct</i> -206.89	
22 11 19 00-0249	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) 271.03	21.64
	<i>For Work In Restricted Working Space, Add</i> 16.23	
	<i>For Owner Furnished Material, Deduct</i> -216.94	

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0250	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	313.61 16.99 -256.98	22.65
22 11 19 00-0251	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	422.54 24.09 -342.25	32.12
22 11 19 00-0252	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	502.24 29.42 -404.19	39.21
22 11 19 00-0253	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	748.15 34.23 -634.05	45.64
22 11 19 00-0254	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	794.03 39.05 -663.87	52.40
22 11 19 00-0255	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	956.83 50.71 -787.79	67.62
22 11 19 00-0256 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0246)</small>					
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).					
22 11 19 00-0257	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	280.96 14.71 -231.94	19.61
22 11 19 00-0258	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	297.42 16.23 -243.33	21.64
22 11 19 00-0259	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	349.78 16.99 -293.15	32.12
22 11 19 00-0260	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	479.39 24.09 -399.10	32.12
22 11 19 00-0261	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	573.32 29.42 -475.27	39.21
22 11 19 00-0262	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	845.09 34.23 -730.99	45.64
22 11 19 00-0263	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	930.83 39.05 -800.67	52.40
22 11 19 00-0264	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,124.67 50.71 -955.63	67.62
22 11 19 00-0265 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0246)</small>					
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).					
22 11 19 00-0266	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	422.54 24.09 -342.25	32.12
22 11 19 00-0267	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	502.24 29.42 -404.19	39.21
22 11 19 00-0268	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	748.15 34.23 -634.05	45.64
22 11 19 00-0269	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	794.02 39.05 -663.87	52.40
22 11 19 00-0270	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	956.83 50.71 -787.79	67.62
22 11 19 00-0271 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0246)</small>					
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).					
22 11 19 00-0272	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	479.39 24.09 -399.10	32.12

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0273	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	573.32	39.21
		<i>For Work In Restricted Working Space, Add</i>	29.42	
		<i>For Owner Furnished Material, Deduct</i>	-475.27	
22 11 19 00-0274	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	845.09	45.64
		<i>For Work In Restricted Working Space, Add</i>	34.23	
		<i>For Owner Furnished Material, Deduct</i>	-730.99	
22 11 19 00-0275	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	930.83	52.40
		<i>For Work In Restricted Working Space, Add</i>	39.05	
		<i>For Owner Furnished Material, Deduct</i>	-800.67	
22 11 19 00-0276	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,124.67	67.62
		<i>For Work In Restricted Working Space, Add</i>	50.71	
		<i>For Owner Furnished Material, Deduct</i>	-955.63	
22 11 19 00-0277		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0246)</small>		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0278	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT).....	619.25	32.12
		<i>For Work In Restricted Working Space, Add</i>	24.09	
		<i>For Owner Furnished Material, Deduct</i>	-538.96	
22 11 19 00-0279	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909QT).....	734.13	39.21
		<i>For Work In Restricted Working Space, Add</i>	29.42	
		<i>For Owner Furnished Material, Deduct</i>	-636.08	
22 11 19 00-0280	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,112.43	45.64
		<i>For Work In Restricted Working Space, Add</i>	34.23	
		<i>For Owner Furnished Material, Deduct</i>	-998.33	
22 11 19 00-0281	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT)	1,206.69	52.40
		<i>For Work In Restricted Working Space, Add</i>	39.05	
		<i>For Owner Furnished Material, Deduct</i>	-1,076.53	
22 11 19 00-0282	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	1,408.86	67.62
		<i>For Work In Restricted Working Space, Add</i>	50.71	
		<i>For Owner Furnished Material, Deduct</i>	-1,239.82	
22 11 19 00-0283		Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0246)</small>		
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 909 QT-S series).		
22 11 19 00-0284	EA	3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S).....	695.83	32.12
		<i>For Work In Restricted Working Space, Add</i>	24.09	
		<i>For Owner Furnished Material, Deduct</i>	-615.54	
22 11 19 00-0285	EA	1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909QT-S)	829.13	39.21
		<i>For Work In Restricted Working Space, Add</i>	29.42	
		<i>For Owner Furnished Material, Deduct</i>	-731.08	
22 11 19 00-0286	EA	1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S).....	1,244.37	45.64
		<i>For Work In Restricted Working Space, Add</i>	34.23	
		<i>For Owner Furnished Material, Deduct</i>	-1,130.27	
22 11 19 00-0287	EA	1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S).....	1,362.55	52.40
		<i>For Work In Restricted Working Space, Add</i>	39.05	
		<i>For Owner Furnished Material, Deduct</i>	-1,232.39	
22 11 19 00-0288	EA	2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 909M1QT-S)	1,628.05	67.62
		<i>For Work In Restricted Working Space, Add</i>	50.71	
		<i>For Owner Furnished Material, Deduct</i>	-1,459.01	
22 11 19 00-0289		Flanged Reduced Pressure Zone Assemblies <small>(22 11 19 00-0245)</small>		
22 11 19 00-0290		Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0289)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 009 NRS series).		
22 11 19 00-0291	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series).....	2,008.92	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-1,759.95	
22 11 19 00-0292	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 009 NRS series).....	2,261.30	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-1,985.10	
22 11 19 00-0293		Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer <small>(22 11 19 00-0289)</small>		
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 009 NRS-S series).		
22 11 19 00-0294	EA	2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,229.48	186.73
		<i>For Work In Restricted Working Space, Add</i>	74.69	
		<i>For Owner Furnished Material, Deduct</i>	-1,980.51	
22 11 19 00-0295	EA	3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 009 NRS-S series)	2,520.43	210.07
		<i>For Work In Restricted Working Space, Add</i>	82.86	
		<i>For Owner Furnished Material, Deduct</i>	-2,244.23	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 19 00-0296	Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 009 OSY series).		
22 11 19 00-0297	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series).....	2,146.70	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-1,897.73	
22 11 19 00-0298	EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 009 OSY series).....	2,491.08	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,214.88	
22 11 19 00-0299	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts 009 QT-FDA series).		
22 11 19 00-0300	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series).....	2,520.11	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-2,271.14	
22 11 19 00-0301	EA 3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts 009 QT-FDA series).....	2,879.42	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,603.22	
22 11 19 00-0302	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts FAE 909 QT series).		
22 11 19 00-0303	EA 1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series).....	967.69	116.70
	<i>For Work In Restricted Working Space, Add</i>	46.68	
	<i>For Owner Furnished Material, Deduct</i>	-812.09	
22 11 19 00-0304	EA 1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series).....	1,075.30	136.16
	<i>For Work In Restricted Working Space, Add</i>	54.85	
	<i>For Owner Furnished Material, Deduct</i>	-892.46	
22 11 19 00-0305	EA 2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts FAE 909 QT series).....	1,272.49	159.50
	<i>For Work In Restricted Working Space, Add</i>	64.19	
	<i>For Owner Furnished Material, Deduct</i>	-1,058.53	
22 11 19 00-0306	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, iron body strainers, and captured spring assemblies (Watts FAE 909 QT-S series).		
22 11 19 00-0307	EA 1-1/4" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,050.13	116.70
	<i>For Work In Restricted Working Space, Add</i>	46.68	
	<i>For Owner Furnished Material, Deduct</i>	-894.53	
22 11 19 00-0308	EA 1-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,340.41	136.16
	<i>For Work In Restricted Working Space, Add</i>	54.85	
	<i>For Owner Furnished Material, Deduct</i>	-1,157.57	
22 11 19 00-0309	EA 2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs And Strainer (Watts FAE 909 QT-S series).....	1,415.61	159.50
	<i>For Work In Restricted Working Space, Add</i>	64.19	
	<i>For Owner Furnished Material, Deduct</i>	-1,201.65	
22 11 19 00-0310	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts 909 NRS series).		
22 11 19 00-0311	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series).....	2,499.13	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-2,250.18	
22 11 19 00-0312	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series).....	2,817.16	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,540.95	
22 11 19 00-0313	EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series).....	3,501.31	311.21
	<i>For Work In Restricted Working Space, Add</i>	124.42	
	<i>For Owner Furnished Material, Deduct</i>	-3,086.59	
22 11 19 00-0314	EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS series).....	6,102.11	469.38
	<i>For Work In Restricted Working Space, Add</i>	356.14	
	<i>For Owner Furnished Material, Deduct</i>	-4,914.97	
22 11 19 00-0315	EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series).....	10,388.36	704.06
	<i>For Work In Restricted Working Space, Add</i>	534.22	
	<i>For Owner Furnished Material, Deduct</i>	-8,607.64	
22 11 19 00-0316	EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909M1 NRS series).....	12,954.45	832.76
	<i>For Work In Restricted Working Space, Add</i>	454.24	
	<i>For Owner Furnished Material, Deduct</i>	-11,440.33	
22 11 19 00-0317	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer <small>(22 11 19 00-0289)</small>		
	Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts 909 NRS-S series).		
22 11 19 00-0318	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series).....	2,701.94	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-2,452.99	
22 11 19 00-0319	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series).....	3,056.14	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,779.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0320	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,962.03 124.41 -3,547.34	311.21
22 11 19 00-0321	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	6,638.56 254.37 -5,790.65	469.38
22 11 19 00-0322	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	11,353.21 381.56 -10,081.34	704.06
22 11 19 00-0323	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts 909 NRS-S series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,487.74 454.24 -13,973.62	832.76
22 11 19 00-0324			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0289)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts 909 OSY series).		
22 11 19 00-0325	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,582.67 74.69 -2,333.72	186.73
22 11 19 00-0326	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	2,991.53 82.86 -2,715.32	210.07
22 11 19 00-0327	EA		4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,600.25 124.42 -3,185.53	311.21
22 11 19 00-0328	EA		6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,917.97 254.37 -5,070.06	469.38
22 11 19 00-0329	EA		8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	10,125.71 381.56 -8,853.84	704.06
22 11 19 00-0330	EA		10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	14,220.11 454.24 -12,705.99	832.76
22 11 19 00-0331			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0289)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 NRS BB series).		
22 11 19 00-0332	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,182.78 74.69 -3,933.81	186.73
22 11 19 00-0333	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts 909 NRS BB series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,718.31 82.86 -4,442.11	210.07
22 11 19 00-0334			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0289)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated bronze body gate valves, and captured spring assemblies (Watts 909 OSY BB series).		
22 11 19 00-0335	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	4,371.24 74.69 -4,122.27	186.73
22 11 19 00-0336	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts 909 OSY BB series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,072.57 82.86 -4,796.37	210.07
22 11 19 00-0337			Double Check Detector Assemblies <small>(22 11 19 00-0153)</small>		
22 11 19 00-0338			Flanged Double Check Detector Assemblies With Meter <small>(22 11 19 00-0337)</small>		
22 11 19 00-0339			Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(22 11 19 00-0338)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0340	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 709 DCDA OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,693.00 82.86 -3,416.80	210.07
22 11 19 00-0341	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 709 DCDA OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	3,910.77 124.41 -3,496.08	311.21
22 11 19 00-0342	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 709 DCDA OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	5,387.70 254.37 -4,539.79	469.38
22 11 19 00-0343	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 709 DCDA OSY series) <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	9,477.80 381.56 -8,205.93	704.06

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 19 00-0344	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	12,728.85	832.76
	<i>For Work In Restricted Working Space, Add</i>	454.24	
	<i>For Owner Furnished Material, Deduct</i>	-11,214.73	
22 11 19 00-0345	Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter <small>(22 11 19 00-0338)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0346	EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	2,780.26	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-2,531.29	
22 11 19 00-0347	EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	2,972.71	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,696.51	
22 11 19 00-0348	EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	3,280.51	311.21
	<i>For Work In Restricted Working Space, Add</i>	124.41	
	<i>For Owner Furnished Material, Deduct</i>	-2,865.82	
22 11 19 00-0349	EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	4,569.15	469.38
	<i>For Work In Restricted Working Space, Add</i>	254.37	
	<i>For Owner Furnished Material, Deduct</i>	-3,721.24	
22 11 19 00-0350	EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	7,998.34	704.06
	<i>For Work In Restricted Working Space, Add</i>	381.56	
	<i>For Owner Furnished Material, Deduct</i>	-6,726.47	
22 11 19 00-0351	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	9,437.01	832.76
	<i>For Work In Restricted Working Space, Add</i>	454.24	
	<i>For Owner Furnished Material, Deduct</i>	-7,922.89	
22 11 19 00-0352	Double Check Detector Assembly With Butterfly Valves And Meter <small>(22 11 19 00-0338)</small> Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0353	EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	2,939.53	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
	<i>For Owner Furnished Material, Deduct</i>	-2,690.56	
22 11 19 00-0354	EA 3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	3,131.99	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
	<i>For Owner Furnished Material, Deduct</i>	-2,855.79	
22 11 19 00-0355	EA 4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	3,439.75	311.21
	<i>For Work In Restricted Working Space, Add</i>	124.41	
	<i>For Owner Furnished Material, Deduct</i>	-3,025.06	
22 11 19 00-0356	EA 6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	4,732.40	469.38
	<i>For Work In Restricted Working Space, Add</i>	254.37	
	<i>For Owner Furnished Material, Deduct</i>	-3,884.49	
22 11 19 00-0357	EA 8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	7,802.47	704.06
	<i>For Work In Restricted Working Space, Add</i>	381.56	
	<i>For Owner Furnished Material, Deduct</i>	-6,530.60	
22 11 19 00-0358	Flanged Double Check Detector Assemblies Without Meter <small>(22 11 19 00-0337)</small>		
22 11 19 00-0359	Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter <small>(22 11 19 00-0358)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0360	EA 2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	2,729.97	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	
22 11 19 00-0361	EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	2,922.45	210.07
	<i>For Work In Restricted Working Space, Add</i>	82.86	
22 11 19 00-0362	EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	3,230.24	311.21
	<i>For Work In Restricted Working Space, Add</i>	124.41	
22 11 19 00-0363	EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	4,518.88	469.38
	<i>For Work In Restricted Working Space, Add</i>	254.37	
22 11 19 00-0364	EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	7,948.11	704.06
	<i>For Work In Restricted Working Space, Add</i>	381.56	
22 11 19 00-0365	EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	9,386.70	832.76
	<i>For Work In Restricted Working Space, Add</i>	454.24	
22 11 19 00-0366	Double Check Detector Assembly With Butterfly Valves Less Meter <small>(22 11 19 00-0359)</small> Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0367	EA 2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	2,889.23	186.73
	<i>For Work In Restricted Working Space, Add</i>	74.69	

MINOR	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

22 11 19 00-0368	EA 3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	3,081.69 82.86	210.07
22 11 19 00-0369	EA 4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	3,389.48 124.41	311.21
22 11 19 00-0370	EA 6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	4,682.10 254.37	469.38
22 11 19 00-0371	EA 8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	8,111.36 381.56	704.06
22 11 19 00-0372	Backflow Preventer Accessories <small>(22 11 19 00-0153)</small>		
22 11 19 00-0373	Air Gap <small>(22 11 19 00-0372)</small>		
22 11 19 00-0374	EA Up To 1" Diameter Air Gap For Backflow Preventer	68.47	10.57
22 11 19 00-0375	EA 1-1/4" To 2" Diameter Air Gap For Backflow Preventer	84.04	12.68
22 11 19 00-0376	EA 2-1/2" To 3" Diameter Air Gap For Backflow Preventer	153.27	16.90
22 11 19 00-0377	EA 4" To 6" Diameter Air Gap For Backflow Preventer	300.63	29.58
22 11 19 00-0378	EA 8" To 10" Diameter Air Gap For Backflow Preventer	325.99	42.26
22 11 19 00-0379	Brass Test Cocks <small>(22 11 19 00-0372)</small>		
22 11 19 00-0380	EA 1/8" Or 1/4" Brass Test Cock.....	22.50	4.23
22 11 19 00-0381	Backflow Valve Enclosures <small>(22 11 19 00-0153)</small>		
22 11 19 00-0382	Flip-Top, Insulated Fiberglass Valve Enclosures <small>(22 11 19 00-0381)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
22 11 19 00-0383	EA 19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	620.65 74.08	76.06
22 11 19 00-0384	EA 27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	758.84 94.81	76.06
22 11 19 00-0385	EA 27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	955.44 125.81	70.03
22 11 19 00-0386	EA 33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	997.95 126.35	93.36
22 11 19 00-0387	EA 39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	1,044.81 133.38	93.36
22 11 19 00-0388	EA 47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	1,227.46 160.78	93.36
22 11 19 00-0389	EA 39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	1,232.27 161.50	93.36
22 11 19 00-0390	EA 47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	1,543.49 208.18	93.36
22 11 19 00-0391	EA 70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	3,536.72 495.50	140.04
22 11 19 00-0392	EA 83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	5,107.26 731.08	140.04
22 11 19 00-0393	EA 70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	4,854.92 693.23	140.04
22 11 19 00-0394	EA 83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	5,844.31 835.80	163.38
22 11 19 00-0395	One-Piece Drop Over, Insulated Fiberglass Valve Enclosures <small>(22 11 19 00-0381)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
22 11 19 00-0396	EA 20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	334.22 60.08	20.28
22 11 19 00-0397	EA 27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	461.59 85.56	20.28
22 11 19 00-0398	EA 38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	576.66 109.11	18.67
22 11 19 00-0399	EA 47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	867.46 167.27	18.67
22 11 19 00-0400	EA 70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	2,240.54 436.44	35.01
22 11 19 00-0401	EA 83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	3,054.05 599.14	35.01
22 11 19 00-0402	EA 45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	2,038.66 396.06	35.01
22 11 19 00-0403	EA 53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	2,305.43 449.41	35.01
22 11 19 00-0404	EA 61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure..... <i>For Heated Enclosure, Add</i>	3,599.59 708.25	35.01
22 11 19 00-0405	Sectional, Insulated Aluminum Valve Enclosures <small>(22 11 19 00-0381)</small> <small>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</small>		
22 11 19 00-0406	EA 70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i>	4,593.88 651.05 412.09	152.14
22 11 19 00-0407	EA 83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,058.92 720.80 412.09 737.42	152.14

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 19 00-0408	EA 53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	3,593.20 503.97 412.09 737.42	140.04
22 11 19 00-0409	EA 53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	3,936.86 555.52 412.09 737.42	140.04
22 11 19 00-0410	EA 90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	4,587.85 641.50 412.09 737.42	186.73
22 11 19 00-0411	EA 102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,138.20 724.05 412.09 737.42	186.73
22 11 19 00-0412	EA 90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,138.20 724.05 412.09 737.42	186.73
22 11 19 00-0413	EA 102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,671.73 804.08 412.09 737.42	186.73
22 11 19 00-0414	EA 62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	4,265.36 598.96 412.09 737.42	163.38
22 11 19 00-0415	EA 62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	4,992.80 702.24 412.09 737.42	186.73
22 11 19 00-0416	EA 105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,825.54 827.15 412.09 737.42	186.73
22 11 19 00-0417	EA 125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,392.93 909.34 412.09 737.42	198.40
22 11 19 00-0418	EA 105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,559.67 930.07 412.09 737.42	215.53
22 11 19 00-0419	EA 125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	7,268.14 1,033.17 412.09 737.42	228.20
22 11 19 00-0420	EA 105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	7,513.09 1,074.45 412.09 737.42	210.07
22 11 19 00-0421	EA 72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,465.04 773.07 412.09 737.42	186.73
22 11 19 00-0422	EA 72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	5,821.93 826.61 412.09 737.42	186.73
22 11 19 00-0423	EA 72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,583.99 938.00 412.09 737.42	198.40
22 11 19 00-0424	EA 72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	7,970.91 1,143.12 412.09 737.42	210.07
22 11 19 00-0425	EA 118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	6,962.73 991.89 412.09 737.42	93.36
22 11 19 00-0426	EA 142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,358.06 1,198.28 412.09 737.42	93.36
22 11 19 00-0427	EA 118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,082.89 1,157.00 412.09 737.42	140.04
22 11 19 00-0428	EA 142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	9,375.10 1,345.00 412.09 737.42	140.04
22 11 19 00-0429	EA 142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,652.69 1,239.55 412.09 737.42	140.04

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 19 00-0430	EA	172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	10,108.32 1,452.06 412.09 737.42		163.38
22 11 19 00-0431	EA	142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	10,147.22 1,452.06 412.09 737.42		140.04
22 11 19 00-0432	EA	172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	12,030.64 1,728.74 412.09 737.42		140.04
22 11 19 00-0433		Faucets (Hose Bibbs) (22 11 19)			
22 11 19 00-0434		Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends (22 11 19 00-0433)			
22 11 19 00-0435	EA	1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	40.93		8.45
22 11 19 00-0436	EA	3/4" Faucet, Bronze Garden Hose Valve With Screwed Ends, 125#	48.00		9.30
22 11 19 00-0437	EA	3/4" Hose Valve With Screwed Ends And Vacuum Breaker, 125#	14.22		6.34
22 11 19 00-0438		Chrome Plated Brass Hose Valves, Screwed Ends (22 11 19 00-0433)			
22 11 19 00-0439	EA	3/4" Hose Valve With Screwed Ends; Chicago Faucets #387-CP	100.95		25.87
22 11 19 00-0440		Antisiphon Freezeless Wall Faucet (22 11 19 00-0433)			
22 11 19 00-0441	EA	4" Long, 1/2" Antisiphon Freezeless Wall Faucet	98.88		21.13
22 11 19 00-0442	EA	6" Long, 1/2" Antisiphon Freezeless Wall Faucet	107.26		23.41
22 11 19 00-0443	EA	8" Long, 1/2" Antisiphon Freezeless Wall Faucet	113.52		24.76
22 11 19 00-0444	EA	10" Long, 1/2" Antisiphon Freezeless Wall Faucet	119.78		26.54
22 11 19 00-0445	EA	12" Long, 1/2" Antisiphon Freezeless Wall Faucet	126.11		28.14
22 11 19 00-0446		Escutcheons (22 11 19)			
22 11 19 00-0447		Brass Escutcheons (22 11 19 00-0446)			
22 11 19 00-0448		Shallow Brass Escutcheons (22 11 19 00-0447)			
22 11 19 00-0449	EA	3/8" IPS, Antique Or Polished Brass Shallow Escutcheon.....	10.11		2.11
22 11 19 00-0450	EA	1/2" IPS, Antique Or Polished Brass Shallow Escutcheon.....	10.94		2.11
22 11 19 00-0451		Deep Bell Brass Escutcheons (22 11 19 00-0447)			
22 11 19 00-0452	EA	3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	12.02		2.37
22 11 19 00-0453	EA	1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	12.04		2.37
22 11 19 00-0454		Chrome Plated Brass Escutcheons With Setscrew (22 11 19 00-0447)			
22 11 19 00-0455	EA	3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.50		2.11
22 11 19 00-0456	EA	1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.62		2.11
22 11 19 00-0457	EA	5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	12.79		2.11
22 11 19 00-0458	EA	3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.41		2.11
22 11 19 00-0459	EA	7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew	13.68		2.54
22 11 19 00-0460	EA	1" IPS, Chrome Plated Brass Escutcheon With Setscrew	14.28		2.54
22 11 19 00-0461	EA	1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew	14.88		2.79
22 11 19 00-0462	EA	1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew	15.62		2.96
22 11 19 00-0463	EA	2" IPS, Chrome Plated Brass Escutcheon With Setscrew	21.87		3.38
22 11 19 00-0464		Plastic Escutcheons (22 11 19 00-0446)			
22 11 19 00-0465		Split-Ring White Plastic Escutcheons (22 11 19 00-0464)			
22 11 19 00-0466	EA	3/8" IPS, Split-Ring White Plastic Escutcheon.....	4.45		2.11
22 11 19 00-0467	EA	1/2" IPS, Split-Ring White Plastic Escutcheon.....	4.45		2.11
22 11 19 00-0468	EA	3/4" IPS, Split-Ring White Plastic Escutcheon.....	4.98		2.36
22 11 19 00-0469	EA	1" IPS, Split-Ring White Plastic Escutcheon.....	5.42		2.53
22 11 19 00-0470	EA	1-1/4" IPS, Split-Ring White Plastic Escutcheon.....	5.85		2.78
22 11 19 00-0471	EA	1-1/2" IPS, Split-Ring White Plastic Escutcheon.....	6.29		2.95
22 11 19 00-0472	EA	2" IPS, Split-Ring White Plastic Escutcheon.....	7.17		3.37
22 11 19 00-0473	EA	2-1/2" IPS, Split-Ring White Plastic Escutcheon.....	8.08		3.63
22 11 19 00-0474	EA	3" IPS, Split-Ring White Plastic Escutcheon.....	8.99		3.80
22 11 19 00-0475	EA	4" IPS, Split-Ring White Plastic Escutcheon.....	10.32		4.22
22 11 19 00-0476		Chrome Plate Plastic Escutcheons (22 11 19 00-0464)			
22 11 19 00-0477	EA	1/2" IPS, Chrome Plate Plastic Escutcheon.....	4.86		2.11
22 11 19 00-0478	EA	3/4" IPS, Chrome Plate Plastic Escutcheon.....	5.33		2.36
22 11 19 00-0479	EA	1" IPS, Chrome Plate Plastic Escutcheon.....	5.87		2.53
22 11 19 00-0480	EA	1-1/4" IPS, Chrome Plate Plastic Escutcheon	6.40		2.78
22 11 19 00-0481	EA	1-1/2" IPS, Chrome Plate Plastic Escutcheon	6.83		2.95
22 11 19 00-0482	EA	2" IPS, Chrome Plate Plastic Escutcheon.....	8.10		3.37
22 11 19 00-0483	EA	2-1/2" IPS, Chrome Plate Plastic Escutcheon.....	9.75		3.63
22 11 19 00-0484	EA	3" IPS, Chrome Plate Plastic Escutcheon.....	10.22		3.80
22 11 19 00-0485	EA	4" IPS, Chrome Plate Plastic Escutcheon.....	11.17		4.22

22 Plumbing
22 10 Plumbing Piping
22 11 Facility Water Distribution



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 11 19 00-0486		Stainless Steel Escutcheons (22 11 19 00-0446)		
22 11 19 00-0487		Shallow Stainless Steel Escutcheons (22 11 19 00-0486)		
22 11 19 00-0488	EA	3/8" IPS, Shallow Stainless Steel Escutcheon.....	10.75	2.11
22 11 19 00-0489	EA	1/2" IPS, Shallow Stainless Steel Escutcheon.....	10.75	2.11
22 11 19 00-0490	EA	3/4" IPS, Shallow Stainless Steel Escutcheon.....	14.73	2.37
22 11 19 00-0491		Chrome Plated Steel Escutcheons (22 11 19 00-0446)		
22 11 19 00-0492		Split-Ring Chrome Plated Steel Escutcheons (22 11 19 00-0491)		
22 11 19 00-0493	EA	1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	4.57	2.11
22 11 19 00-0494	EA	3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	4.99	2.36
22 11 19 00-0495	EA	1" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	5.48	2.53
22 11 19 00-0496	EA	1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	5.89	2.78
22 11 19 00-0497	EA	1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	6.31	2.95
22 11 19 00-0498	EA	2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	7.26	3.37
22 11 19 00-0499	EA	2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	10.06	3.63
22 11 19 00-0500	EA	3" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	10.67	3.80
22 11 19 00-0501	EA	3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	12.75	4.05
22 11 19 00-0502	EA	4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	11.68	4.22
22 11 19 00-0503	EA	5" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	14.60	4.64
22 11 19 00-0504	EA	6" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	16.82	5.06
22 11 19 00-0505		Split-Ring/Springs Chrome Plated Steel Escutcheons (22 11 19 00-0491)		
22 11 19 00-0506	EA	3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	6.56	2.11
22 11 19 00-0507	EA	1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	6.56	2.11
22 11 19 00-0508	EA	3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	7.06	2.36
22 11 19 00-0509	EA	1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	7.71	2.53
22 11 19 00-0510	EA	1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	8.40	2.78
22 11 19 00-0511	EA	1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	8.92	2.95
22 11 19 00-0512	EA	2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	10.51	3.37
22 11 19 00-0513	EA	2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	11.92	3.63
22 11 19 00-0514	EA	3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	14.21	3.80
22 11 19 00-0515	EA	3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	17.07	4.05
22 11 19 00-0516	EA	4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	17.41	4.22
22 11 19 00-0517	EA	5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	27.38	4.64
22 11 19 00-0518	EA	6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon.....	28.71	5.06
22 11 19 00-0519		Deep Bell Chrome Plated Steel Escutcheons (22 11 19 00-0491)		
22 11 19 00-0520	EA	3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.48	2.37
22 11 19 00-0521	EA	1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.42	2.37
22 11 19 00-0522	EA	3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.30	2.37
22 11 19 00-0523	EA	1" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	5.81	2.54
22 11 19 00-0524	EA	1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	6.31	2.79
22 11 19 00-0525	EA	1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	6.90	2.96
22 11 19 00-0526		Shallow Chrome Plated Steel Escutcheons (22 11 19 00-0491)		
22 11 19 00-0527	EA	3/8" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.07	2.11
22 11 19 00-0528	EA	1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.07	2.11
22 11 19 00-0529	EA	3/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.12	2.11
22 11 19 00-0530	EA	1" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.46	2.54
22 11 19 00-0531	EA	1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	5.92	2.79
22 11 19 00-0532	EA	1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.51	2.96
22 11 19 00-0533	EA	2" IPS, Shallow Chrome Plated Steel Escutcheon.....	7.39	3.38
22 11 19 00-0534		Keyed, Recessed Valve Boxes (22 11 19)		
22 11 19 00-0535	EA	8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box.....	197.79	25.28
22 11 19 00-0536	EA	8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box.....	218.82	25.28
22 11 19 00-0537	EA	8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box.....	250.37	25.28
22 11 19 00-0538	EA	12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box.....	246.19	33.71
22 11 19 00-0539	EA	12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box.....	277.74	33.71
22 11 19 00-0540	EA	12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box.....	287.20	33.71
22 11 19 00-0541	EA	8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	231.44	25.28
22 11 19 00-0542	EA	8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	277.72	25.28
22 11 19 00-0543	EA	8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	318.73	25.28
22 11 19 00-0544	EA	12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	305.08	33.71
22 11 19 00-0545	EA	12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	346.10	33.71
22 11 19 00-0546	EA	12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	361.88	33.71
22 11 23		Domestic Water Pumps (22 11)		
22 11 23 13		Domestic Water Packaged Booster Pumps And Tanks (22 11 23)		
		Note: Includes motor starter and controls.		
22 11 23 13-0001		Simplex Domestic Water Packaged Booster Pumps And Tank (22 11 23 13)		
22 11 23 13-0002	EA	1 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	8,039.12	248.97
22 11 23 13-0003	EA	1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	8,366.31	334.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-004	EA		2 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	8,750.11	420.13
22 11 23 13-005	EA		3 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	9,105.61	505.71
22 11 23 13-006	EA		5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	10,083.88	591.30
22 11 23 13-007	EA		7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	11,203.69	676.88
22 11 23 13-008	EA		10 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	11,983.81	762.47
22 11 23 13-009			Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator ^(22 11 23 13)		
22 11 23 13-0010	EA		100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	21,685.76	1,008.21
22 11 23 13-0011	EA		200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	26,102.23	1,071.23
22 11 23 13-0012	EA		300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	30,536.76	1,134.24
22 11 23 13-0013			Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator ^(22 11 23 13)		
22 11 23 13-0014	EA		200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	28,515.49	1,071.23
22 11 23 13-0015	EA		300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	35,478.98	1,134.24
22 11 23 13-0016	EA		500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	44,079.80	1,260.27
22 11 23 13-0017	EA		750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	55,818.20	1,386.30
22 11 23 13-0018	EA		1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	67,556.61	1,512.33
22 11 23 13-0019	EA		1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	78,694.60	1,701.37
22 11 23 13-0020	EA		2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	89,832.60	1,890.41
22 11 23 13-0021	EA		3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	100,970.59	2,079.44
22 11 23 13-0022	EA		5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	112,266.12	2,331.50
22 11 23 13-0023			Variable Speed Duplex Domestic Water Pressure Booster Skid ^(22 11 23 13)		
Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.					
22 11 23 13-0024	EA		40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1).....	21,451.54	1,033.20
22 11 23 13-0025	EA		40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2).....	22,420.16	1,033.20
22 11 23 13-0026	EA		80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3).....	23,804.19	1,033.20
22 11 23 13-0027	EA		80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4).....	25,799.27	1,033.20
22 11 23 13-0028	EA		160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5).....	24,389.47	1,097.77
22 11 23 13-0029	EA		160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6).....	26,131.08	1,097.77
22 11 23 13-0030	EA		160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7).....	28,496.36	1,097.77
22 11 23 13-0031	EA		160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8).....	30,418.86	1,097.77
22 11 23 13-0032	EA		240 To 280 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9).....	26,638.53	1,162.35
22 11 23 13-0033	EA		280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10).....	28,358.06	1,162.35
22 11 23 13-0034	EA		240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11).....	32,203.08	1,162.35
22 11 23 13-0035	EA		240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12).....	38,656.31	1,162.35
22 11 23 13-0036	EA		360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13).....	28,116.17	1,162.35
22 11 23 13-0037	EA		360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14).....	31,623.59	1,162.35
22 11 23 13-0038	EA		360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15).....	39,344.12	1,162.35
22 11 23 13-0039	EA		360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16).....	39,121.16	1,162.35
22 11 23 13-0040	EA		440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17).....	46,631.35	1,291.49
22 11 23 13-0041	EA		440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18).....	32,170.47	1,291.49
22 11 23 13-0042	EA		440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19).....	39,201.09	1,291.49
22 11 23 13-0043	EA		440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20).....	38,979.18	1,291.49
22 11 23 13-0044	EA		440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21).....	46,976.30	1,291.49
22 11 23 13-0045	EA		440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22).....	56,758.17	1,291.49
22 11 23 13-0046	EA		60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1).....	27,038.17	1,033.20
22 11 23 13-0047			Variable Speed Triplex Domestic Water Pressure Booster Skid ^(22 11 23 13)		
Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.					
22 11 23 13-0048	EA		60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2).....	27,038.17	1,033.20

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 11 23 13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3).....	30,212.20	1,033.20
22 11 23 13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4).....	32,950.83	1,033.20
22 11 23 13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5).....	30,373.64	1,097.77
22 11 23 13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6).....	33,093.34	1,097.77
22 11 23 13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7).....	31,008.87	1,097.77
22 11 23 13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8).....	33,346.80	1,097.77
22 11 23 13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9).....	36,561.84	1,097.77
22 11 23 13-0056	EA	240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10).....	39,226.85	1,097.77
22 11 23 13-0057	EA	300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11).....	31,323.86	1,162.35
22 11 23 13-0058	EA	300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12).....	33,661.78	1,162.35
22 11 23 13-0059	EA	300 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13).....	36,875.78	1,162.35
22 11 23 13-0060	EA	300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14).....	39,540.79	1,162.35
22 11 23 13-0061	EA	360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15).....	33,953.11	1,162.35
22 11 23 13-0062	EA	360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16).....	36,198.49	1,162.35
22 11 23 13-0063	EA	360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17).....	41,746.20	1,162.35
22 11 23 13-0064	EA	360 GPM At 140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18).....	50,799.24	1,162.35
22 11 23 13-0065	EA	480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19).....	34,734.52	1,291.49
22 11 23 13-0066	EA	480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20).....	36,980.95	1,291.49
22 11 23 13-0067	EA	480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21).....	42,528.67	1,291.49
22 11 23 13-0068	EA	480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22).....	51,580.65	1,291.49
22 11 23 13-0069	EA	540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23).....	36,617.06	1,291.49
22 11 23 13-0070	EA	540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24).....	41,658.91	1,291.49
22 11 23 13-0071	EA	540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25).....	52,611.31	1,291.49
22 11 23 13-0072	EA	540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26).....	53,672.48	1,291.49
22 11 23 13-0073	EA	540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27).....	66,386.48	1,291.49
22 11 23 13-0074	EA	660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28).....	41,527.44	1,549.79
22 11 23 13-0075	EA	660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29).....	49,836.93	1,549.79
22 11 23 13-0076	EA	660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30).....	52,987.82	1,549.79
22 11 23 13-0077	EA	660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31).....	63,796.14	1,549.79
22 11 23 13-0078	EA	660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32).....	78,920.64	1,549.79

22 11 23 39 In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 39)**22 11 23 39-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 39)**

Note: ODP motor.

22 11 23 39-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B).....	610.14	140.04
22 11 23 39-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B).....	623.89	140.04
22 11 23 39-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B).....	650.59	142.77
22 11 23 39-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B).....	711.38	148.60
22 11 23 39-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B).....	1,203.31	154.13
22 11 23 39-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB).....	1,277.02	154.13
22 11 23 39-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB).....	1,869.82	169.70
22 11 23 39-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB).....	1,955.89	186.43
22 11 23 39-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB).....	2,354.84	205.12
22 11 23 39-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S).....	2,417.10	225.74
22 11 23 39-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S).....	2,644.02	247.93
22 11 23 39-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S).....	3,736.30	272.84
22 11 23 39-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S).....	4,286.11	286.07

22 11 23 39-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 39)

Note: ODP motor.

22 11 23 39-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30).....	615.14	140.04
22 11 23 39-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36).....	622.40	140.04
22 11 23 39-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	968.03	142.77
22 11 23 39-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	985.41	145.88
22 11 23 39-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50).....	990.84	148.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 39-0021	EA		1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75).....	1,011.45	154.13
22 11 23 39-0022	EA		1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2).....	1,222.81	169.70
22 11 23 39-0023	EA		1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30).....	1,568.25	205.12
22 11 23 39-0024	EA		1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S).....	1,658.65	225.74
22 11 23 39-0025	EA		3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S).....	1,925.55	247.93
22 11 23 39-0026	EA		1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S).....	2,554.34	272.84
22 11 23 39-0027	EA		1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S).....	2,964.30	286.07
22 11 23 39-0028	EA		2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	2,795.99	300.47
22 11 23 39-0029	EA		3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	3,010.37	330.28
22 11 23 39-0030	EA		5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	3,307.33	350.29
22 11 23 39-0031	EA		7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	4,145.17	389.21
22 11 23 39-0032	EA		10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	4,431.37	467.13
22 11 23 39-0033	EA		15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	5,620.33	545.13

22 12 Facility Potable-Water Storage Tanks (22 10)

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks (22 12)

22 12 19 00-0001 Steel, Horizontal, Ground-Mounted Water Tanks <small>(22 12 19)</small>					
22 12 19 00-0002	EA		5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	20,267.45	7,084.04
22 12 19 00-0003	EA		10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	21,821.06	7,084.04
22 12 19 00-0004	EA		20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	37,055.19	10,932.18
22 12 19 00-0005	EA		35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank.....	47,900.17	14,168.08
22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks <small>(22 12 19)</small>					
22 12 19 00-0007	EA		5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	22,569.09	7,084.04
22 12 19 00-0008	EA		10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	27,977.97	7,084.04
22 12 19 00-0009	EA		20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	42,334.59	10,932.18
22 12 19 00-0010	EA		35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank.....	58,065.38	14,168.08

22 12 23 Facility Indoor Potable-Water Storage Tanks (22 12)

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks (22 12 23)

22 12 23 13-0001 Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) <small>(22 12 23 13)</small>					
22 12 23 13-0002	EA		80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A).....	1,989.74	311.21
22 12 23 13-0003	EA		119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M).....	2,206.47	389.01
22 12 23 13-0004	EA		140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A).....	4,627.56	427.91
22 12 23 13-0005	EA		200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	5,119.32	466.81
22 12 23 13-0006	EA		250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	6,772.55	505.71
22 12 23 13-0007	EA		350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A).....	8,832.24	544.61
22 12 23 13-0008	EA		400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A).....	9,935.30	583.51
22 12 23 13-0009	EA		500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A).....	14,037.38	622.42
22 12 23 13-0010	EA		750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A).....	15,253.59	661.32
22 12 23 13-0011	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A).....	18,198.55	700.22

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (22 12 23 13)

22 12 23 13-0013	EA		80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S).....	1,690.42	311.21
22 12 23 13-0014	EA		120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S).....	2,708.25	389.01
22 12 23 13-0015	EA		140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A).....	4,151.52	427.91
22 12 23 13-0016	EA		200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S).....	4,159.99	466.81
22 12 23 13-0017	EA		200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A).....	4,353.46	466.81
22 12 23 13-0018	EA		250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A).....	5,474.66	505.71
22 12 23 13-0019	EA		325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A).....	5,958.42	544.61
22 12 23 13-0020	EA		350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S).....	5,613.97	544.61
22 12 23 13-0021	EA		350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A).....	6,365.49	544.61
22 12 23 13-0022	EA		400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A).....	7,012.46	583.51
22 12 23 13-0023	EA		500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A).....	9,499.77	622.42
22 12 23 13-0024	EA		750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A).....	11,046.04	661.32
22 12 23 13-0025	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A).....	13,874.96	700.22

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks (22 12 23)

22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks <small>(22 12 23 26)</small>					
Note: Excludes excavation and backfill.					
22 12 23 26-0002	EA		100 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	421.50	175.06
			<i>For Saddle Assembly, Add</i>	462.20	
22 12 23 26-0003	EA		150 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	493.40	204.23
			<i>For Saddle Assembly, Add</i>	462.20	
22 12 23 26-0004	EA		200 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	581.80	233.41
			<i>For Saddle Assembly, Add</i>	518.30	
22 12 23 26-0005	EA		300 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	699.90	262.58
			<i>For Saddle Assembly, Add</i>	737.20	

22 Plumbing

22 10 Plumbing Piping

22 12 Facility Potable-Water Storage Tanks



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 12 23 26-0006	EA	335 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Two Tie Down Bands, Add</i>	830.10 <i>272.18</i>	291.76
22 12 23 26-0007	EA	535 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Two Tie Down Bands, Add</i>	1,057.87 <i>287.58</i>	380.16
22 12 23 26-0008	EA	1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Three Tie Down Bands, Add</i>	1,535.35 <i>480.88</i>	443.53
22 12 23 26-0009	EA	1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Three Tie Down Bands, Add</i>	2,166.34 <i>484.18</i>	506.88
22 12 23 26-0010	EA	1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	2,680.92 <i>654.37</i>	570.25
22 12 23 26-0011	EA	2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	3,127.80 <i>878.77</i>	633.61
22 12 23 26-0012	EA	2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	4,394.28 <i>1,125.17</i>	696.96
22 12 23 26-0013	EA	3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	5,072.76 <i>1,208.77</i>	760.33
22 12 23 26-0014	EA	4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	7,257.68 <i>1,353.97</i>	1,013.77
22 12 23 26-0015	EA	5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Five Tie Down Bands, Add</i>	9,279.38 <i>2,093.95</i>	1,013.77

22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)

22 12 23 26-0017	EA	100 Gallon Vertical Non-Pressurized Polyethylene Tank	477.30	233.41
22 12 23 26-0018	EA	160 Gallon Vertical Non-Pressurized Polyethylene Tank	561.65	247.99
22 12 23 26-0019	EA	210 Gallon Vertical Non-Pressurized Polyethylene Tank	613.00	262.58
22 12 23 26-0020	EA	300 Gallon Vertical Non-Pressurized Polyethylene Tank	732.20	291.76
22 12 23 26-0021	EA	405 Gallon Vertical Non-Pressurized Polyethylene Tank	841.90	350.11
22 12 23 26-0022	EA	500 Gallon Vertical Non-Pressurized Polyethylene Tank	992.30	408.46
22 12 23 26-0023	EA	800 Gallon Vertical Non-Pressurized Polyethylene Tank	1,340.24	506.88
22 12 23 26-0024	EA	1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	1,727.00	633.61
22 12 23 26-0025	EA	2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,287.56	760.33
22 12 23 26-0026	EA	3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,951.52	887.05
22 12 23 26-0027	EA	4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,234.78	1,013.77
22 12 23 26-0028	EA	5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,647.85	1,140.49
22 12 23 26-0029	EA	6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	6,393.20	1,267.21
22 12 23 26-0030	EA	7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	7,043.97	1,393.93
22 12 23 26-0031	EA	8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	8,084.13	1,520.66
22 12 23 26-0032	EA	9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	9,105.60	1,647.37
22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	11,172.05	1,774.09
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	13,401.98	2,027.54

22 13 Facility Sanitary Sewerage (22 10)

22 13 13 Facility Sanitary Sewers (22 13)

22 13 13 00-0001

Fixture Rough-In (22 13 13)

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0345 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.

22 13 13 00-0002

Single Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.</i>	660.29	
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.</i>	836.17	
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.</i>	608.01	
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.</i>	386.37	
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</i>	454.73	
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</i>	589.79	
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</i>	619.47	
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.</i>	375.79	
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</i>	608.01	
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</i>	631.24	
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.</i>	592.32	
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe <i>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</i>	660.29	

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

22 13 13 00-0015	EA			Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe 1,030.73 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0016	EA			Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe 638.94 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0017				Double Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA			Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 844.10 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0019	EA			Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 1,120.81 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0020	EA			Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 730.25 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0021	EA			Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 453.61 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0022	EA			Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 623.33 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0023	EA			Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 657.84 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0024	EA			Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 432.11 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0025	EA			Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 738.01 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0026	EA			Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 660.53 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0027	EA			Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 641.09 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.		
22 13 13 00-0028	EA			Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe 844.10 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.		
22 13 13 00-0029				Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA			Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 421.69 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0031	EA			Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 560.39 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0032	EA			Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 365.51 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.		
22 13 13 00-0033	EA			Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 227.19 Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0034	EA			Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 311.68 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0035	EA			Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 328.91 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0036	EA			Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 235.50 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0037	EA			Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet 368.63 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0038	EA			Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 330.26 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0039	EA			Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 320.92 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.		
22 13 13 00-0040	EA			Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe 416.23 Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0041				Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA			Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 345.22 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0043	EA			Wall Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 322.60 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0044	EA			Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 338.10 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0045	EA			Wall Mounted Urinal, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 193.07 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0046	EA			Wall Mounted Lavatory, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 225.27 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0047	EA			Countertop Kitchen Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 321.26 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 13 00-0048	EA	Bathtub, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	313.72		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0049	EA	Free Standing Water Cooler, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	194.53		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.
22 13 13 00-0050	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	338.10		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0051	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	367.19		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.
22 13 13 00-0052	EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	333.08		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.
22 13 13 00-0053	EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	345.12		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0054	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	527.25		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.
22 13 13 00-0055	EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	330.74		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.
22 13 13 00-0056		Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe (22 13 13 00-0001)			Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.
22 13 13 00-0057	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	398.59		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	417.45		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	348.65		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	202.09		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	319.91		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	330.40		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	202.09		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	355.55		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	371.12		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	353.76		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	398.59		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0068		Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe (22 13 13 00-0001)			Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	198.98		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	208.34		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	174.54		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe	101.08		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	159.94		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	165.01		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	101.04		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	177.70		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	185.58		Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.

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

22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 177.21 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	177.21		
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 193.82 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	193.82		

22 13 16 Sanitary Waste And Vent Piping (22 13)

22 13 16 00-0001 Cast Iron Soil Pipe Assemblies (22 13 16)

22 13 16 00-0002 Underground Bell And Spigot Cast Iron Soil Pipe Assemblies (22 13 16 00-0001)

Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.					
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 21.73 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	21.73		4.90
<i>For Work In Restricted Working Space, Add</i> 3.59					
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 30.85 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	30.85		7.39
<i>For Work In Restricted Working Space, Add</i> 4.88					
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 39.99 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	39.99		9.42
<i>For Work In Restricted Working Space, Add</i> 6.27					
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 46.74 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	46.74		11.81
<i>For Work In Restricted Working Space, Add</i> 6.65					
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 54.55 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	54.55		12.87
<i>For Work In Restricted Working Space, Add</i> 7.38					
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 85.26 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	85.26		18.22
<i>For Work In Restricted Working Space, Add</i> 10.31					
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly 122.38 Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	122.38		18.22
<i>For Work In Restricted Working Space, Add</i> 11.68					

22 13 16 00-0010 Aboveground No Hub Cast Iron Soil Pipe Assemblies (22 13 16 00-0001)

Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.					
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly 18.25 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	18.25		4.67
<i>For Work In Restricted Working Space, Add</i> 3.90					
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly 19.43 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	19.43		4.97
<i>For Work In Restricted Working Space, Add</i> 4.20					
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly 25.34 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	25.34		7.24
<i>For Work In Restricted Working Space, Add</i> 5.39					
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly 31.29 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.29		9.42
<i>For Work In Restricted Working Space, Add</i> 6.65					
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly 51.62 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	51.62		11.58
<i>For Work In Restricted Working Space, Add</i> 11.06					
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly 56.72 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	56.72		12.65
<i>For Work In Restricted Working Space, Add</i> 11.82					
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly 91.84 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	91.84		18.07
<i>For Work In Restricted Working Space, Add</i> 18.81					
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly 93.50 Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	93.50		20.53
<i>For Work In Restricted Working Space, Add</i> 13.70					

22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings (22 13 16)

Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).

22 13 16 00-0020 Bell And Spigot Cast Iron Pipe (22 13 16 00-0019)

22 13 16 00-0021	LF	2" Bell And Spigot Cast Iron Pipe 15.21 Note: Excludes excavation, hangers, gaskets, and fittings.	15.21		4.90
<i>For Extra Heavy Pipe, Add</i> 3.28					
<i>For Above Ground Cast Iron Pipe Installation, Add</i> 0.37					
<i>For Work In Restricted Working Space, Add</i> 2.22					

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0022	LF	3" Bell And Spigot Cast Iron Pipe	22.30	7.39
		For Extra Heavy Pipe, Add	4.70	
		For Above Ground Cast Iron Pipe Installation, Add	0.56	
		For Work In Restricted Working Space, Add	3.34	
22 13 16 00-0023	LF	4" Bell And Spigot Cast Iron Pipe	28.69	9.42
		For Extra Heavy Pipe, Add	6.11	
		For Above Ground Cast Iron Pipe Installation, Add	0.71	
		For Work In Restricted Working Space, Add	4.25	
22 13 16 00-0024	LF	5" Bell And Spigot Cast Iron Pipe	38.19	11.81
		For Extra Heavy Pipe, Add	8.62	
		For Above Ground Cast Iron Pipe Installation, Add	0.88	
		For Work In Restricted Working Space, Add	5.30	
22 13 16 00-0025	LF	6" Bell And Spigot Cast Iron Pipe	44.26	12.87
		For Extra Heavy Pipe, Add	10.50	
		For Above Ground Cast Iron Pipe Installation, Add	0.96	
		For Work In Restricted Working Space, Add	5.78	
22 13 16 00-0026	LF	8" Bell And Spigot Cast Iron Pipe	66.20	18.22
		For Extra Heavy Pipe, Add	16.33	
		For Above Ground Cast Iron Pipe Installation, Add	1.37	
		For Work In Restricted Working Space, Add	8.20	
22 13 16 00-0027	LF	10" Bell And Spigot Cast Iron Pipe	95.47	20.53
		For Extra Heavy Pipe, Add	27.18	
		For Above Ground Cast Iron Pipe Installation, Add	1.54	
		For Work In Restricted Working Space, Add	9.23	
22 13 16 00-0028	LF	12" Bell And Spigot Cast Iron Pipe	135.00	27.37
		For Extra Heavy Pipe, Add	39.48	
		For Above Ground Cast Iron Pipe Installation, Add	2.05	
		For Work In Restricted Working Space, Add	12.30	
22 13 16 00-0029	LF	15" Bell And Spigot Cast Iron Pipe	186.60	32.82
		For Extra Heavy Pipe, Add	57.71	
		For Above Ground Cast Iron Pipe Installation, Add	2.46	
		For Work In Restricted Working Space, Add	14.76	
22 13 16 00-0030		Bell And Spigot Cast Iron Fittings (22 13 16 00-0019)		
22 13 16 00-0031		Bell And Spigot Cast Iron Long Sweeps (22 13 16 00-0030)		
22 13 16 00-0032	EA	2" Bell And Spigot Cast Iron Long Sweep	68.67	22.33
		For Extra Heavy Fittings, Add	12.32	
		For Above Ground Cast Iron Pipe Installation, Add	1.67	
		For Work In Restricted Working Space, Add	10.04	
22 13 16 00-0033	EA	3" Bell And Spigot Cast Iron Long Sweep	113.50	28.09
		For Extra Heavy Fittings, Add	25.01	
		For Above Ground Cast Iron Pipe Installation, Add	2.10	
		For Work In Restricted Working Space, Add	12.62	
22 13 16 00-0034	EA	4" Bell And Spigot Cast Iron Long Sweep	151.20	37.35
		For Extra Heavy Fittings, Add	33.33	
		For Above Ground Cast Iron Pipe Installation, Add	2.80	
		For Work In Restricted Working Space, Add	16.79	
22 13 16 00-0035	EA	6" Bell And Spigot Cast Iron Long Sweep	235.24	49.96
		For Extra Heavy Fittings, Add	56.12	
		For Above Ground Cast Iron Pipe Installation, Add	3.75	
		For Work In Restricted Working Space, Add	22.47	
22 13 16 00-0036	EA	8" Bell And Spigot Cast Iron Long Sweep	453.71	64.11
		For Extra Heavy Fittings, Add	125.17	
		For Above Ground Cast Iron Pipe Installation, Add	4.80	
		For Work In Restricted Working Space, Add	28.83	
22 13 16 00-0037	EA	10" Bell And Spigot Cast Iron Long Sweep	617.75	78.87
		For Extra Heavy Fittings, Add	174.82	
		For Above Ground Cast Iron Pipe Installation, Add	5.91	
		For Work In Restricted Working Space, Add	35.48	
22 13 16 00-0038	EA	12" Bell And Spigot Cast Iron Long Sweep	943.80	110.07
		For Extra Heavy Fittings, Add	272.56	
		For Above Ground Cast Iron Pipe Installation, Add	8.25	
		For Work In Restricted Working Space, Add	49.52	
22 13 16 00-0039	EA	15" Bell And Spigot Cast Iron Long Sweep	1,735.98	153.28
		For Extra Heavy Fittings, Add	527.16	
		For Above Ground Cast Iron Pipe Installation, Add	11.49	
		For Work In Restricted Working Space, Add	68.94	
22 13 16 00-0040		Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)		
22 13 16 00-0041	EA	2" Bell And Spigot Cast Iron Short Sweep	59.38	22.33
		For Extra Heavy Fittings, Add	9.07	
		For Above Ground Cast Iron Pipe Installation, Add	1.67	
		For Work In Restricted Working Space, Add	10.04	
22 13 16 00-0042	EA	3" Bell And Spigot Cast Iron Short Sweep	97.90	28.09
		For Extra Heavy Fittings, Add	19.55	
		For Above Ground Cast Iron Pipe Installation, Add	2.10	
		For Work In Restricted Working Space, Add	12.62	
22 13 16 00-0043	EA	4" Bell And Spigot Cast Iron Short Sweep	133.66	37.35
		For Extra Heavy Fittings, Add	27.19	
		For Above Ground Cast Iron Pipe Installation, Add	2.80	
		For Work In Restricted Working Space, Add	16.79	
22 13 16 00-0044	EA	5" Bell And Spigot Cast Iron Short Sweep	197.98	42.47
		For Extra Heavy Fittings, Add	47.02	
		For Above Ground Cast Iron Pipe Installation, Add	3.18	
		For Work In Restricted Working Space, Add	19.10	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0045	EA		6" Bell And Spigot Cast Iron Short Sweep <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	238.58 57.29 3.75 22.47	49.96
22 13 16 00-0046	EA		8" Bell And Spigot Cast Iron Short Sweep <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	386.46 101.63 4.80 28.83	64.11
22 13 16 00-0047	EA		10" Bell And Spigot Cast Iron Short Sweep <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	560.38 154.74 5.91 35.48	78.87
22 13 16 00-0048	EA		12" Bell And Spigot Cast Iron Short Sweep <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	922.41 265.08 8.25 49.52	110.07
22 13 16 00-0049 Bell And Spigot Cast Iron 1/4 Bends (22 13 16 00-0030)					
22 13 16 00-0050	EA		2" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.09 7.25 1.67 10.02	22.25
22 13 16 00-0051	EA		3" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.94 14.48 1.88 11.27	25.05
22 13 16 00-0052	EA		4" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.12 21.73 2.50 15.01	33.38
22 13 16 00-0053	EA		5" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.22 29.19 2.84 17.05	37.93
22 13 16 00-0054	EA		6" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	168.60 35.16 3.41 20.45	45.42
22 13 16 00-0055	EA		8" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	337.75 87.24 4.42 26.54	59.03
22 13 16 00-0056	EA		10" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	493.06 134.98 5.37 32.22	71.64
22 13 16 00-0057	EA		12" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	646.82 182.01 6.34 38.04	84.56
22 13 16 00-0058	EA		15" Bell And Spigot Cast Iron 1/4 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,625.80 499.06 10.00 59.98	133.37
22 13 16 00-0059 Bell And Spigot Cast Iron 1/8 Bends (22 13 16 00-0030)					
22 13 16 00-0060	EA		2" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.98 5.78 1.67 10.04	22.33
22 13 16 00-0061	EA		3" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.15 11.94 2.10 12.62	28.09
22 13 16 00-0062	EA		4" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.71 18.11 2.80 16.79	37.35
22 13 16 00-0063	EA		5" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	136.38 22.83 3.56 21.34	47.46
22 13 16 00-0064	EA		6" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.07 27.19 3.97 23.81	52.92
22 13 16 00-0065	EA		8" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	300.40 68.03 5.30 31.81	70.72
22 13 16 00-0066	EA		10" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	416.34 99.93 6.54 39.25	87.25
22 13 16 00-0067	EA		12" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	663.61 172.90 8.48 50.88	113.15

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0068	EA 15" Bell And Spigot Cast Iron 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,244.40 365.57 10.00 59.98	133.37
22 13 16 00-0069	Bell And Spigot Cast Iron Wyes (22 13 16 00-0030)		
22 13 16 00-0070	EA 2" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.71 5.57 3.74 22.44	49.87
22 13 16 00-0071	EA 3" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.68 10.42 4.10 24.57	54.62
22 13 16 00-0072	EA 4" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.92 13.87 5.36 32.19	71.58
22 13 16 00-0073	EA 5" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	188.53 23.11 6.13 36.75	81.69
22 13 16 00-0074	EA 6" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	234.65 31.31 7.26 43.56	96.82
22 13 16 00-0075	EA 8" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	413.01 76.78 9.68 58.09	129.14
22 13 16 00-0076	EA 10" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	567.83 121.87 10.98 65.89	146.51
22 13 16 00-0077	EA 12" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	827.55 196.06 13.37 80.21	178.34
22 13 16 00-0078	EA 15" Bell And Spigot Cast Iron Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,259.19 335.72 15.00 89.99	200.10
22 13 16 00-0079	Bell And Spigot Cast Iron Reducing Wyes (22 13 16 00-0030)		
22 13 16 00-0080	EA 3" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.34 20.01 3.91 23.45	52.13
22 13 16 00-0081	EA 4" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.03 23.94 4.83 28.99	64.42
22 13 16 00-0082	EA 4" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.37 29.15 4.95 29.73	66.06
22 13 16 00-0083	EA 6" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	268.83 48.58 6.50 39.01	86.76
22 13 16 00-0084	EA 6" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	275.59 50.09 6.62 39.75	88.35
22 13 16 00-0085	EA 6" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	289.05 51.71 7.07 42.40	94.25
22 13 16 00-0086	EA 8" x 2" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	413.13 90.11 7.78 46.70	103.85
22 13 16 00-0087	EA 8" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	430.98 95.31 7.93 47.60	105.85
22 13 16 00-0088	EA 8" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	442.17 96.59 8.31 49.86	110.85
22 13 16 00-0089	EA 8" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	520.02 117.29 9.25 55.47	123.30
22 13 16 00-0090	EA 10" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	629.64 159.74 8.66 51.97	115.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0091 EA 10" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	655.12 165.99 9.04 54.26	120.61
22 13 16 00-0092 EA 10" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	717.14 181.03 10.00 59.98	133.37
22 13 16 00-0093 EA 10" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	937.15 253.78 10.60 63.62	141.45
22 13 16 00-0094 EA 12" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	963.26 262.92 10.60 63.62	141.45
22 13 16 00-0095 EA 12" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,004.47 271.13 11.49 68.94	153.28
22 13 16 00-0096 EA 12" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,173.47 326.31 12.06 72.35	160.88
22 13 16 00-0097 EA 12" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,416.98 409.01 12.42 74.51	165.65
22 13 16 00-0098 EA 15" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,305.69 725.03 11.71 70.25	156.20
22 13 16 00-0099 EA 15" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,408.27 754.18 12.67 76.04	169.04
22 13 16 00-0100 EA 15" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,458.84 768.06 13.22 79.32	176.34
22 13 16 00-0101 EA 15" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,516.68 785.18 13.67 82.00	182.34
22 13 16 00-0102 EA 15" x 12" Bell And Spigot Cast Iron Reducing Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,582.20 802.53 14.46 86.78	192.94
22 13 16 00-0103 Bell And Spigot Cast Iron Combination Wye And 1/8 Bends <small>(22 13 16 00-0030)</small>		
22 13 16 00-0104 EA 2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	97.51 7.95 3.74 22.44	49.87
22 13 16 00-0105 EA 3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.87 11.89 4.10 24.57	54.62
22 13 16 00-0106 EA 4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	154.22 16.43 5.36 32.19	71.58
22 13 16 00-0107 EA 5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.47 29.76 6.42 38.53	85.70
22 13 16 00-0108 EA 6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	267.00 37.68 7.97 47.80	106.29
22 13 16 00-0109 EA 8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	470.57 91.74 10.42 62.54	139.06
22 13 16 00-0110 EA 10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	673.21 139.96 13.67 82.00	182.34
22 13 16 00-0111 EA 12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	899.41 191.80 17.57 105.42	234.38

22 13 16 00-0112 **Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends** (22 13 16 00-0030)

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 16 00-0113	EA	3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	103.65	52.13
		<i>For Extra Heavy Fittings, Add</i>	8.92	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.91	
		<i>For Work In Restricted Working Space, Add</i>	23.45	
22 13 16 00-0114	EA	4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	143.42	64.42
		<i>For Extra Heavy Fittings, Add</i>	16.38	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.83	
		<i>For Work In Restricted Working Space, Add</i>	28.99	
22 13 16 00-0115	EA	4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	153.85	66.06
		<i>For Extra Heavy Fittings, Add</i>	19.17	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.95	
		<i>For Work In Restricted Working Space, Add</i>	29.73	
22 13 16 00-0116	EA	6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	227.93	86.76
		<i>For Extra Heavy Fittings, Add</i>	34.27	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.50	
		<i>For Work In Restricted Working Space, Add</i>	39.01	
22 13 16 00-0117	EA	6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	236.76	88.35
		<i>For Extra Heavy Fittings, Add</i>	36.49	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.62	
		<i>For Work In Restricted Working Space, Add</i>	39.75	
22 13 16 00-0118	EA	6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	251.16	94.25
		<i>For Extra Heavy Fittings, Add</i>	38.44	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.07	
		<i>For Work In Restricted Working Space, Add</i>	42.40	
22 13 16 00-0119	EA	8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	337.16	103.85
		<i>For Extra Heavy Fittings, Add</i>	63.52	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.78	
		<i>For Work In Restricted Working Space, Add</i>	46.70	
22 13 16 00-0120	EA	8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	347.69	110.85
		<i>For Extra Heavy Fittings, Add</i>	63.52	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.31	
		<i>For Work In Restricted Working Space, Add</i>	49.86	
22 13 16 00-0121	EA	8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	434.04	123.30
		<i>For Extra Heavy Fittings, Add</i>	87.20	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.25	
		<i>For Work In Restricted Working Space, Add</i>	55.47	
22 13 16 00-0122		Bell And Spigot Cast Iron Double Wyes (22 13 16 00-0030)		
22 13 16 00-0123	EA	2" Bell And Spigot Cast Iron Double Wye	152.22	59.67
		<i>For Extra Heavy Fittings, Add</i>	21.98	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.47	
		<i>For Work In Restricted Working Space, Add</i>	26.83	
22 13 16 00-0124	EA	3" Bell And Spigot Cast Iron Double Wye	218.18	75.23
		<i>For Extra Heavy Fittings, Add</i>	36.90	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.64	
		<i>For Work In Restricted Working Space, Add</i>	33.83	
22 13 16 00-0125	EA	4" Bell And Spigot Cast Iron Double Wye	294.06	95.15
		<i>For Extra Heavy Fittings, Add</i>	52.98	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.14	
		<i>For Work In Restricted Working Space, Add</i>	42.81	
22 13 16 00-0126	EA	6" Bell And Spigot Cast Iron Double Wye	558.82	148.76
		<i>For Extra Heavy Fittings, Add</i>	117.52	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.15	
		<i>For Work In Restricted Working Space, Add</i>	66.91	
22 13 16 00-0127	EA	8" Bell And Spigot Cast Iron Double Wye	1,078.99	174.57
		<i>For Extra Heavy Fittings, Add</i>	286.06	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.08	
		<i>For Work In Restricted Working Space, Add</i>	78.51	
22 13 16 00-0128	EA	10" Bell And Spigot Cast Iron Double Wye	1,418.82	195.33
		<i>For Extra Heavy Fittings, Add</i>	394.09	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.64	
		<i>For Work In Restricted Working Space, Add</i>	87.85	
22 13 16 00-0129	EA	12" Bell And Spigot Cast Iron Double Wye	1,014.27	234.38
		<i>For Extra Heavy Fittings, Add</i>	232.00	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	17.57	
		<i>For Work In Restricted Working Space, Add</i>	105.42	
22 13 16 00-0130	EA	15" Bell And Spigot Cast Iron Double Wye	2,732.27	245.99
		<i>For Extra Heavy Fittings, Add</i>	827.15	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	18.45	
		<i>For Work In Restricted Working Space, Add</i>	110.70	
22 13 16 00-0131		Bell And Spigot Cast Iron Reducing Double Wyes (22 13 16 00-0030)		
22 13 16 00-0132	EA	3" x 2" Bell And Spigot Cast Iron Reducing Double Wye	142.88	70.57
		<i>For Extra Heavy Fittings, Add</i>	12.97	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.29	
		<i>For Work In Restricted Working Space, Add</i>	31.75	
22 13 16 00-0133	EA	4" x 2" Bell And Spigot Cast Iron Reducing Double Wye	165.75	81.07
		<i>For Extra Heavy Fittings, Add</i>	15.47	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.08	
		<i>For Work In Restricted Working Space, Add</i>	36.47	
22 13 16 00-0134	EA	4" x 3" Bell And Spigot Cast Iron Reducing Double Wye	178.74	85.04
		<i>For Extra Heavy Fittings, Add</i>	17.92	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.38	
		<i>For Work In Restricted Working Space, Add</i>	38.27	
22 13 16 00-0135	EA	6" x 2" Bell And Spigot Cast Iron Reducing Double Wye	231.09	103.18
		<i>For Extra Heavy Fittings, Add</i>	26.74	
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.73	
		<i>For Work In Restricted Working Space, Add</i>	46.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0136	EA		6" x 3" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	244.26 29.29 8.03 48.17	107.12
22 13 16 00-0137	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	279.04 36.37 8.76 52.54	116.82
22 13 16 00-0138	EA		8" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	432.34 60.75 10.08 60.49	134.52
22 13 16 00-0139	EA		8" x 6" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	474.82 82.64 11.94 71.62	159.20
22 13 16 00-0140	EA		10" x 4" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	460.77 85.75 10.79 64.73	143.90
22 13 16 00-0141	EA		10" x 6" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	537.40 99.37 12.67 76.04	169.04
22 13 16 00-0142	EA		10" x 8" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	654.84 132.50 13.81 82.88	184.25
22 13 16 00-0143	EA		12" x 6" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	668.95 135.22 14.13 84.78	188.49
22 13 16 00-0144	EA		12" x 8" Bell And Spigot Cast Iron Reducing Double Wye <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	844.10 187.82 15.37 92.24	205.09
22 13 16 00-0145			Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0030)</small>		
22 13 16 00-0146	EA		2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	129.72 14.10 4.47 26.83	59.67
22 13 16 00-0147	EA		3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.55 19.20 5.98 35.91	79.82
22 13 16 00-0148	EA		4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.82 27.02 7.48 44.89	99.82
22 13 16 00-0149	EA		6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	488.61 83.77 12.46 74.78	166.25
22 13 16 00-0150			Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0030)</small>		
22 13 16 00-0151	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.97 22.29 5.36 32.19	71.58
22 13 16 00-0152	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	201.79 28.08 6.08 36.47	81.07
22 13 16 00-0153	EA		4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.32 31.87 6.76 40.58	90.25
22 13 16 00-0154	EA		6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	441.46 89.43 9.30 55.79	124.00
22 13 16 00-0155			Bell And Spigot Cast Iron Sanitary Tees <small>(22 13 16 00-0030)</small>		
22 13 16 00-0156	EA		2" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.28 10.99 3.74 22.46	49.95
22 13 16 00-0157	EA		3" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.24 13.42 4.10 24.57	54.62

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0158	EA 4" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.62 30.54 5.02 30.11	66.91
22 13 16 00-0159	EA 5" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	268.66 54.37 5.67 34.00	75.55
22 13 16 00-0160	EA 6" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	322.28 65.24 6.79 40.76	90.62
22 13 16 00-0161	EA 8" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	667.70 171.77 8.85 53.08	118.00
22 13 16 00-0162	EA 10" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	993.09 272.06 10.79 64.73	143.90
22 13 16 00-0163	EA 12" Bell And Spigot Cast Iron Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,467.70 424.98 12.67 76.04	169.04
22 13 16 00-0164	Bell And Spigot Cast Iron Reducing Sanitary Tees (22 13 16 00-0030)		
22 13 16 00-0165	EA 3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.32 21.05 3.91 23.45	52.13
22 13 16 00-0166	EA 4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.59 25.22 4.58 27.46	61.07
22 13 16 00-0167	EA 4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.53 27.65 4.58 27.46	61.07
22 13 16 00-0168	EA 6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	259.57 45.34 6.50 39.01	86.76
22 13 16 00-0169	EA 6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.64 48.00 6.62 39.75	88.35
22 13 16 00-0170	EA 6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	292.02 52.75 7.07 42.40	94.25
22 13 16 00-0171	EA 8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	481.50 110.35 8.31 49.86	110.85
22 13 16 00-0172	EA 8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	599.66 145.17 9.25 55.47	123.30
22 13 16 00-0173	Bell And Spigot Cast Iron Vent Tees (22 13 16 00-0030)		
22 13 16 00-0174	EA 2" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.15 6.42 3.74 22.44	49.87
22 13 16 00-0175	EA 3" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.83 11.18 4.10 24.57	54.62
22 13 16 00-0176	EA 4" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	150.55 15.14 5.36 32.19	71.58
22 13 16 00-0177	EA 5" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.98 22.59 6.42 38.53	85.70
22 13 16 00-0178	EA 6" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	242.48 29.10 7.97 47.80	106.29
22 13 16 00-0179	EA 8" Bell And Spigot Cast Iron Vent Tee <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	401.96 67.73 10.42 62.54	139.06
22 13 16 00-0180	Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0181	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Tee..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	95.30 7.17 3.74 22.44	49.87
22 13 16 00-0182	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Tee..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.07 8.11 4.10 24.57	54.62
22 13 16 00-0183	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Tee..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.84 9.99 5.36 32.19	71.58
22 13 16 00-0184 Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)					
22 13 16 00-0185	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Cross..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.66 7.65 3.74 22.44	49.87
22 13 16 00-0186	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Cross..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.64 9.01 4.10 24.57	54.62
22 13 16 00-0187	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Cross..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.32 12.26 5.36 32.19	71.58
22 13 16 00-0188 Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)					
22 13 16 00-0189	EA		3" x 2" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.65 4.06 2.10 12.62	28.09
22 13 16 00-0190	EA		4" x 2" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.71 4.25 2.78 16.67	37.04
22 13 16 00-0191	EA		4" x 3" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.73 5.52 2.80 16.79	37.35
22 13 16 00-0192	EA		6" x 2" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.72 8.02 3.44 20.65	45.88
22 13 16 00-0193	EA		6" x 3" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	95.47 9.01 3.49 20.92	46.49
22 13 16 00-0194	EA		6" x 4" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.37 9.53 3.56 21.34	47.46
22 13 16 00-0195	EA		8" x 2" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	123.60 17.59 3.67 22.00	48.91
22 13 16 00-0196	EA		8" x 3" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.58 17.78 4.49 26.93	59.88
22 13 16 00-0197	EA		8" x 4" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.27 18.25 4.61 27.64	61.42
22 13 16 00-0198	EA		8" x 6" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	149.20 18.59 4.80 28.83	64.11
22 13 16 00-0199	EA		10" x 4" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.90 26.60 5.39 32.37	71.95
22 13 16 00-0200	EA		10" x 6" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.81 28.16 5.67 34.00	75.56
22 13 16 00-0201	EA		10" x 8" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.00 30.71 5.91 35.48	78.87
22 13 16 00-0202	EA		12" x 4" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	252.21 43.44 6.41 38.43	85.48
22 13 16 00-0203	EA		12" x 6" Bell And Spigot Cast Iron Reducer..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	282.71 46.45 7.50 45.00	100.01

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0204	EA 12" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	307.48 47.83 8.54 51.25	113.92
22 13 16 00-0205	EA 12" x 10" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	338.76 49.71 9.84 59.02	131.22
22 13 16 00-0206	EA 15" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	430.67 81.88 9.84 59.02	131.22
22 13 16 00-0207	EA 15" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	458.80 86.36 10.60 63.62	141.45
22 13 16 00-0208	EA 15" x 10" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	478.30 89.13 11.18 67.09	149.12
22 13 16 00-0209	EA 15" x 12" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	504.60 93.06 11.94 71.62	159.20
22 13 16 00-0210	Bell And Spigot Cast Iron P-Traps (22 13 16 00-0030)		
22 13 16 00-0211	EA 2" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.29 6.94 1.67 10.04	22.33
22 13 16 00-0212	EA 3" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.90 10.10 2.10 12.62	28.09
22 13 16 00-0213	EA 4" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.39 14.15 2.80 16.79	37.35
22 13 16 00-0214	EA 5" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	150.30 30.33 3.18 19.10	42.47
22 13 16 00-0215	EA 6" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	199.69 43.68 3.75 22.47	49.96
22 13 16 00-0216	EA 8" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	429.22 116.60 4.80 28.83	64.11
22 13 16 00-0217	EA 10" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	478.16 125.97 5.91 35.48	78.87
22 13 16 00-0218	Bell And Spigot Cast Iron Deep Seal P-Traps (22 13 16 00-0030)		
22 13 16 00-0219	EA 2" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.82 9.58 1.67 10.04	22.33
22 13 16 00-0220	EA 3" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.71 15.28 2.10 12.62	28.09
22 13 16 00-0221	EA 4" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	123.92 23.78 2.80 16.79	37.35
22 13 16 00-0222	EA 5" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	201.32 45.56 3.56 21.34	47.46
22 13 16 00-0223	EA 6" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.42 47.26 3.97 23.81	52.92
22 13 16 00-0224	Bell And Spigot Cast Iron Running Traps With Single Vent (22 13 16 00-0030)		
22 13 16 00-0225	EA 3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.13 4.10 24.57	53.91
22 13 16 00-0226	EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.92 5.36 32.19	70.88

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0227	EA			5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.01 6.23 37.39	82.44
22 13 16 00-0228	EA			6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	486.88 7.07 42.40	93.42
22 13 16 00-0229	EA			8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,538.11 8.31 49.86	109.62
22 13 16 00-0230	EA			8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,666.34 9.25 55.47	122.30
22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent (22 13 16 00-0030)						
22 13 16 00-0232	EA			3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	181.95 5.64 33.83	74.46
22 13 16 00-0233	EA			4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.50 7.14 42.81	93.98
22 13 16 00-0234	EA			6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	546.21 8.76 52.54	115.45
22 13 16 00-0235	EA			6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	635.24 10.59 63.53	139.75
22 13 16 00-0236	EA			8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,661.00 10.08 60.49	132.91
22 13 16 00-0237	EA			8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,826.02 11.94 71.62	157.81
22 13 16 00-0238	EA			10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,420.75 13.81 82.88	182.11
22 13 16 00-0239	EA			12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,338.33 15.95 95.69	210.55
22 13 16 00-0240	EA			15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	6,450.22 18.46 110.74	243.53
22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings (22 13 16 00-0030)						
22 13 16 00-0242	EA			2" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.16 1.67 10.01	
22 13 16 00-0243	EA			3" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.22 1.88 11.25	
22 13 16 00-0244	EA			4" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.40 2.51 15.07	
22 13 16 00-0245	EA			5" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.64 2.92 17.51	
22 13 16 00-0246	EA			6" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	247.23 3.52 21.15	
22 13 16 00-0247	EA			8" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	460.78 4.45 26.73	
22 13 16 00-0248 Cut And Prepare Existing In-Place Cast Iron Pipe (22 13 16 00-0019)						
Note: For use when connecting pipe to an existing in-place system.						
22 13 16 00-0249	EA			2", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.30 0.47 2.79	
22 13 16 00-0250	EA			3", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.15 0.51 3.05	
22 13 16 00-0251	EA			4", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.68 0.63 3.80	
22 13 16 00-0252	EA			6", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.21 0.76 4.56	
22 13 16 00-0253	EA			8", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.28 1.01 6.08	
22 13 16 00-0254	EA			10", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.66 1.18 7.10	
22 13 16 00-0255	EA			12", Cut And Prepare Existing In-Place Cast Iron Pipe <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.89 1.39 8.37	

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
22 13 16 00-0256	EA	15", Cut And Prepare Existing In-Place Cast Iron Pipe.....	32.12		
		<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.61		
		<i>For Work In Restricted Working Space, Add</i>	9.64		
22 13 16 00-0257		Joint Material (22 13 16 00-0019)			
		Note: Labor costs are included in the installation costs for fittings.			
22 13 16 00-0258	LB	Lead (1 LB/Diameter Inch) Joint Material.....	1.55		
22 13 16 00-0259	LB	Oakum (1/8 LB/Diameter Inch) Joint Material.....	6.87		
22 13 16 00-0260	EA	2" Dual Tite Rubber Gasket.....	0.72		
22 13 16 00-0261	EA	3" Dual Tite Rubber Gasket.....	0.99		
22 13 16 00-0262	EA	4" Dual Tite Rubber Gasket.....	1.23		
22 13 16 00-0263	EA	6" Dual Tite Rubber Gasket.....	2.04		
22 13 16 00-0264	EA	8" Dual Tite Rubber Gasket.....	4.49		
22 13 16 00-0265	EA	10" Dual Tite Rubber Gasket.....	6.89		
22 13 16 00-0266	EA	12" Dual Tite Rubber Gasket.....	8.78		
22 13 16 00-0267	EA	15" Dual Tite Rubber Gasket.....	10.43		
22 13 16 00-0268		No Hub Cast Iron Soil Pipe And Fittings (22 13 16)			
		Note: Service Weight. Excludes hangers.			
22 13 16 00-0269		No Hub Cast Iron Pipe (22 13 16 00-0268)			
		Note: Excludes couplings.			
22 13 16 00-0270	LF	1-1/2" No Hub Cast Iron Pipe.....	10.28	4.67	
		<i>For Below Ground Installation, Add</i>	0.35		
		<i>For Work In Restricted Working Space, Add</i>	2.10		
22 13 16 00-0271	LF	2" No Hub Cast Iron Pipe.....	10.95	4.97	
		<i>For Below Ground Installation, Add</i>	0.38		
		<i>For Work In Restricted Working Space, Add</i>	2.25		
22 13 16 00-0272	LF	3" No Hub Cast Iron Pipe.....	15.65	7.24	
		<i>For Below Ground Installation, Add</i>	0.54		
		<i>For Work In Restricted Working Space, Add</i>	3.27		
22 13 16 00-0273	LF	4" No Hub Cast Iron Pipe.....	20.31	9.42	
		<i>For Below Ground Installation, Add</i>	0.71		
		<i>For Work In Restricted Working Space, Add</i>	4.25		
22 13 16 00-0274	LF	5" No Hub Cast Iron Pipe.....	25.95	11.58	
		<i>For Below Ground Installation, Add</i>	0.87		
		<i>For Work In Restricted Working Space, Add</i>	5.21		
22 13 16 00-0275	LF	6" No Hub Cast Iron Pipe.....	29.55	12.65	
		<i>For Below Ground Installation, Add</i>	0.95		
		<i>For Work In Restricted Working Space, Add</i>	5.68		
22 13 16 00-0276	LF	8" No Hub Cast Iron Pipe.....	44.03	18.07	
		<i>For Below Ground Installation, Add</i>	1.35		
		<i>For Work In Restricted Working Space, Add</i>	8.11		
22 13 16 00-0277	LF	10" No Hub Cast Iron Pipe.....	58.94	20.53	
		<i>For Below Ground Installation, Add</i>	1.54		
		<i>For Work In Restricted Working Space, Add</i>	9.23		
22 13 16 00-0278		No Hub Cast Iron Fittings (22 13 16 00-0268)			
22 13 16 00-0279		No Hub Cast Iron Long Sweeps (22 13 16 00-0278)			
22 13 16 00-0280	EA	1-1/2" No Hub Cast Iron Long Sweep.....	41.29	22.09	
		<i>For Below Ground Installation, Add</i>	1.66		
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 13 16 00-0281	EA	2" No Hub Cast Iron Long Sweep.....	41.50	22.09	
		<i>For Below Ground Installation, Add</i>	1.66		
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 13 16 00-0282	EA	3" No Hub Cast Iron Long Sweep.....	48.46	25.29	
		<i>For Below Ground Installation, Add</i>	1.90		
		<i>For Work In Restricted Working Space, Add</i>	11.39		
22 13 16 00-0283	EA	4" No Hub Cast Iron Long Sweep.....	65.86	33.45	
		<i>For Below Ground Installation, Add</i>	2.51		
		<i>For Work In Restricted Working Space, Add</i>	15.06		
22 13 16 00-0284	EA	5" No Hub Cast Iron Long Sweep.....	86.13	38.23	
		<i>For Below Ground Installation, Add</i>	2.86		
		<i>For Work In Restricted Working Space, Add</i>	17.19		
22 13 16 00-0285	EA	6" No Hub Cast Iron Long Sweep.....	102.38	45.57	
		<i>For Below Ground Installation, Add</i>	3.42		
		<i>For Work In Restricted Working Space, Add</i>	20.51		
22 13 16 00-0286	EA	8" No Hub Cast Iron Long Sweep.....	180.80	58.58	
		<i>For Below Ground Installation, Add</i>	4.39		
		<i>For Work In Restricted Working Space, Add</i>	26.36		
22 13 16 00-0287		No Hub Cast Iron Reducing Long Sweeps (22 13 16 00-0278)			
22 13 16 00-0288	EA	3" x 2" No Hub Cast Iron Reducing Long Sweep.....	57.12	25.29	
		<i>For Below Ground Installation, Add</i>	1.90		
		<i>For Work In Restricted Working Space, Add</i>	11.39		
22 13 16 00-0289	EA	4" x 3" No Hub Cast Iron Reducing Long Sweep.....	82.37	33.45	
		<i>For Below Ground Installation, Add</i>	2.51		
		<i>For Work In Restricted Working Space, Add</i>	15.06		
22 13 16 00-0290		No Hub Cast Iron Short Sweeps (22 13 16 00-0278)			
22 13 16 00-0291	EA	2" No Hub Cast Iron Short Sweep.....	39.76	22.09	
		<i>For Below Ground Installation, Add</i>	1.66		
		<i>For Work In Restricted Working Space, Add</i>	9.93		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0292	EA		3" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.08 1.90 11.39	25.29
22 13 16 00-0293	EA		4" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.14 2.51 15.06	33.45
22 13 16 00-0294	EA		5" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.40 2.86 17.19	38.23
22 13 16 00-0295	EA		6" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.15 3.42 20.51	45.57
22 13 16 00-0296	EA		8" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	168.03 4.39 26.36	58.58
22 13 16 00-0297	EA		10" No Hub Cast Iron Short Sweep <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	264.02 6.15 36.90	82.02
22 13 16 00-0298 No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)					
22 13 16 00-0299	EA		1-1/2" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.91 1.59 9.53	21.17
22 13 16 00-0300	EA		2" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.56 1.66 9.93	22.09
22 13 16 00-0301	EA		3" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.14 1.90 11.39	25.29
22 13 16 00-0302	EA		4" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.85 2.51 15.06	33.45
22 13 16 00-0303	EA		5" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.07 2.86 17.19	38.23
22 13 16 00-0304	EA		6" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.74 3.42 20.51	45.57
22 13 16 00-0305	EA		8" No Hub Cast Iron 1/4 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	158.08 4.39 26.36	58.58
22 13 16 00-0306 No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)					
22 13 16 00-0307	EA		1-1/2" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.81 1.59 9.53	21.17
22 13 16 00-0308	EA		2" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.25 1.66 9.93	22.09
22 13 16 00-0309	EA		3" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.85 1.90 11.39	25.29
22 13 16 00-0310	EA		4" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.95 2.51 15.06	33.45
22 13 16 00-0311	EA		6" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.79 3.70 22.23	49.40
22 13 16 00-0312	EA		8" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.37 4.86 29.18	64.89
22 13 16 00-0313	EA		10" No Hub Cast Iron 1/8 Bend <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.55 5.98 35.91	79.82
22 13 16 00-0314 No Hub Cast Iron Wyes (22 13 16 00-0278)					
22 13 16 00-0315	EA		1-1/2" No Hub Cast Iron Wye <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	57.07 2.49 14.96	33.30
22 13 16 00-0316	EA		2" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.93 3.38 20.30	45.12
22 13 16 00-0317	EA		3" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.04 3.70 22.23	49.40
22 13 16 00-0318	EA		4" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.40 4.86 29.18	64.89
22 13 16 00-0319	EA		5" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.49 5.58 33.47	74.42
22 13 16 00-0320	EA		6" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	173.88 6.62 39.75	88.35

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0321	EA		8" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	272.94 8.79 52.71	117.23
22 13 16 00-0322	EA		10" No Hub Cast Iron Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	405.79 9.76 58.57	130.22
22 13 16 00-0323 No Hub Cast Iron Reducing Wyes (22 13 16 00-0278)					
22 13 16 00-0324	EA		3" x 1-1/2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.41 3.23 19.37	43.10
22 13 16 00-0325	EA		3" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.93 3.70 22.23	49.40
22 13 16 00-0326	EA		4" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.94 4.10 24.57	54.62
22 13 16 00-0327	EA		4" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.44 4.55 27.30	60.68
22 13 16 00-0328	EA		6" x 2" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.07 5.64 33.83	75.18
22 13 16 00-0329	EA		6" x 3" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.93 5.89 35.33	78.58
22 13 16 00-0330	EA		6" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.20 6.88 41.30	91.84
22 13 16 00-0331	EA		8" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.86 6.91 41.46	92.17
22 13 16 00-0332	EA		8" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.60 7.59 45.55	101.32
22 13 16 00-0333	EA		10" x 4" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	307.45 8.09 48.55	107.93
22 13 16 00-0334	EA		10" x 6" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	325.58 8.66 51.97	115.54
22 13 16 00-0335	EA		10" x 8" No Hub Cast Iron Reducing Wye..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	367.91 9.25 55.49	123.38
22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0278)					
22 13 16 00-0337	EA		1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.34 2.90 17.42	38.75
22 13 16 00-0338	EA		2" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.22 3.38 20.30	45.12
22 13 16 00-0339	EA		3" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.25 3.70 22.23	49.40
22 13 16 00-0340	EA		4" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	119.66 4.86 29.18	64.89
22 13 16 00-0341	EA		6" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.02 7.48 44.89	99.82
22 13 16 00-0342	EA		8" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	333.51 9.60 57.60	128.06
22 13 16 00-0343	EA		10" No Hub Cast Iron Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	394.58 11.61 69.63	154.83
22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0278)					
22 13 16 00-0345	EA		2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.58 3.38 20.30	45.12
22 13 16 00-0346	EA		3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.04 3.70 22.23	49.40
22 13 16 00-0347	EA		4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.15 4.10 24.57	54.62
22 13 16 00-0348	EA		4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.59 4.55 27.30	60.68
22 13 16 00-0349	EA		6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.51 5.64 33.83	75.18

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0350	EA			6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	154.19	78.58
				<i>For Below Ground Installation, Add</i>	5.89	
				<i>For Work In Restricted Working Space, Add</i>	35.33	
22 13 16 00-0351	EA			6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	175.06	91.84
				<i>For Below Ground Installation, Add</i>	6.88	
				<i>For Work In Restricted Working Space, Add</i>	41.30	
22 13 16 00-0352	EA			8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	212.29	92.17
				<i>For Below Ground Installation, Add</i>	6.91	
				<i>For Work In Restricted Working Space, Add</i>	41.46	
22 13 16 00-0353	EA			8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	262.71	101.32
				<i>For Below Ground Installation, Add</i>	7.59	
				<i>For Work In Restricted Working Space, Add</i>	45.55	
22 13 16 00-0354				No Hub Cast Iron Double Wyes (22 13 16 00-0278)		
22 13 16 00-0355	EA			2" No Hub Cast Iron Double Wye	94.26	56.10
				<i>For Below Ground Installation, Add</i>	4.21	
				<i>For Work In Restricted Working Space, Add</i>	25.23	
22 13 16 00-0356	EA			3" No Hub Cast Iron Double Wye	121.09	68.31
				<i>For Below Ground Installation, Add</i>	5.12	
				<i>For Work In Restricted Working Space, Add</i>	30.71	
22 13 16 00-0357	EA			4" No Hub Cast Iron Double Wye	150.47	74.69
				<i>For Below Ground Installation, Add</i>	5.60	
				<i>For Work In Restricted Working Space, Add</i>	33.59	
22 13 16 00-0358	EA			6" No Hub Cast Iron Double Wye	233.28	111.37
				<i>For Below Ground Installation, Add</i>	8.35	
				<i>For Work In Restricted Working Space, Add</i>	50.07	
22 13 16 00-0359	EA			8" No Hub Cast Iron Double Wye	403.36	149.12
				<i>For Below Ground Installation, Add</i>	11.18	
				<i>For Work In Restricted Working Space, Add</i>	67.09	
22 13 16 00-0360				No Hub Cast Iron Reducing Double Wyes (22 13 16 00-0278)		
22 13 16 00-0361	EA			3" x 2" No Hub Cast Iron Double Wye	109.23	62.16
				<i>For Below Ground Installation, Add</i>	4.66	
				<i>For Work In Restricted Working Space, Add</i>	27.95	
22 13 16 00-0362	EA			4" x 2" No Hub Cast Iron Double Wye	128.88	71.58
				<i>For Below Ground Installation, Add</i>	5.37	
				<i>For Work In Restricted Working Space, Add</i>	32.20	
22 13 16 00-0363	EA			4" x 3" No Hub Cast Iron Double Wye	141.31	78.03
				<i>For Below Ground Installation, Add</i>	5.85	
				<i>For Work In Restricted Working Space, Add</i>	35.10	
22 13 16 00-0364	EA			6" x 4" No Hub Cast Iron Double Wye	201.02	98.19
				<i>For Below Ground Installation, Add</i>	7.36	
				<i>For Work In Restricted Working Space, Add</i>	44.16	
22 13 16 00-0365				No Hub Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0366	EA			2" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	118.83	67.38
				<i>For Below Ground Installation, Add</i>	5.05	
				<i>For Work In Restricted Working Space, Add</i>	30.31	
22 13 16 00-0367	EA			3" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	139.50	74.69
				<i>For Below Ground Installation, Add</i>	5.60	
				<i>For Work In Restricted Working Space, Add</i>	33.59	
22 13 16 00-0368	EA			4" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	200.82	98.89
				<i>For Below Ground Installation, Add</i>	7.41	
				<i>For Work In Restricted Working Space, Add</i>	44.46	
22 13 16 00-0369	EA			6" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	290.27	152.65
				<i>For Below Ground Installation, Add</i>	11.44	
				<i>For Work In Restricted Working Space, Add</i>	68.65	
22 13 16 00-0370				No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
22 13 16 00-0371	EA			3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	107.57	57.96
				<i>For Below Ground Installation, Add</i>	4.35	
				<i>For Work In Restricted Working Space, Add</i>	26.08	
22 13 16 00-0372	EA			4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	124.82	67.38
				<i>For Below Ground Installation, Add</i>	5.05	
				<i>For Work In Restricted Working Space, Add</i>	30.31	
22 13 16 00-0373	EA			4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	144.92	73.60
				<i>For Below Ground Installation, Add</i>	5.52	
				<i>For Work In Restricted Working Space, Add</i>	33.11	
22 13 16 00-0374				No Hub Cast Iron Sanitary Tees (22 13 16 00-0278)		
22 13 16 00-0375	EA			1-1/2" No Hub Cast Iron Sanitary Tee	55.76	32.60
				<i>For Below Ground Installation, Add</i>	2.45	
				<i>For Work In Restricted Working Space, Add</i>	14.68	
22 13 16 00-0376	EA			2" No Hub Cast Iron Sanitary Tee.....	75.29	45.12
				<i>For Below Ground Installation, Add</i>	3.38	
				<i>For Work In Restricted Working Space, Add</i>	20.30	
22 13 16 00-0377	EA			3" No Hub Cast Iron Sanitary Tee.....	83.22	49.40
				<i>For Below Ground Installation, Add</i>	3.70	
				<i>For Work In Restricted Working Space, Add</i>	22.23	
22 13 16 00-0378	EA			4" No Hub Cast Iron Sanitary Tee.....	111.55	64.89
				<i>For Below Ground Installation, Add</i>	4.86	
				<i>For Work In Restricted Working Space, Add</i>	29.18	

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0379	EA		5" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	146.88 5.58 33.47	74.42
22 13 16 00-0380	EA		6" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	173.61 6.62 39.75	88.35
22 13 16 00-0381	EA		8" No Hub Cast Iron Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	295.80 8.79 52.71	117.23
22 13 16 00-0382	EA		2" x 1-1/2" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.82 2.76 16.55	36.80
22 13 16 00-0383	EA		3" x 1-1/2" No Hub Cast Iron Sanitary Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.05 3.23 19.37	43.10
22 13 16 00-0384 No Hub Cast Iron Reducing Sanitary Tees (22 13 16 00-0278)					
22 13 16 00-0385	EA		3" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.13 3.38 20.30	45.12
22 13 16 00-0386	EA		3" x 4" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.87 3.38 20.30	45.12
22 13 16 00-0387	EA		4" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.41 4.58 27.46	61.07
22 13 16 00-0388	EA		4" x 3" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.54 4.58 27.46	61.07
22 13 16 00-0389	EA		5" x 2" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	131.23 5.30 31.79	70.71
22 13 16 00-0390	EA		5" x 3" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	134.19 5.30 31.79	70.71
22 13 16 00-0391	EA		5" x 4" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	134.55 5.30 31.79	70.71
22 13 16 00-0392	EA		6" x 4" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.82 5.52 33.12	73.67
22 13 16 00-0393	EA		8" x 6" No Hub Cast Iron Reducing Sanitary Tee..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.68 7.41 44.46	98.86
22 13 16 00-0394 No Hub Cast Iron Sanitary Tapped Tees (22 13 16 00-0278)					
22 13 16 00-0395	EA		2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.77 1.66 9.93	22.09
22 13 16 00-0396	EA		3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.15 1.90 11.39	25.29
22 13 16 00-0397	EA		4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.60 2.51 15.06	33.45
22 13 16 00-0398 No Hub Cast Iron Cleanout Tees (22 13 16 00-0278)					
22 13 16 00-0399	EA		2" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.44 1.66 9.93	22.09
22 13 16 00-0400	EA		3" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.12 1.90 11.39	25.29
22 13 16 00-0401	EA		4" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	68.08 2.51 15.06	33.45
22 13 16 00-0402	EA		6" No Hub Cast Iron Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.97 3.70 22.23	49.40
22 13 16 00-0403 No Hub Cast Iron Two-Way Cleanout Tees (22 13 16 00-0278)					
22 13 16 00-0404	EA		4" No Hub Cast Iron Single Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.32 4.86 29.18	64.89
22 13 16 00-0405	EA		4" No Hub Cast Iron Double Two-Way Cleanout Tee <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	195.24 7.39 44.35	98.57
22 13 16 00-0406 No Hub Cast Iron Cleanout Plugs (22 13 16 00-0278)					
22 13 16 00-0407	EA		2" No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.80 1.66 9.93	22.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0408	EA	3"	No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.18 1.90 11.39	25.29
22 13 16 00-0409	EA	4"	No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.22 2.51 15.06	33.45
22 13 16 00-0410	EA	6"	No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.08 3.70 22.23	49.40
22 13 16 00-0411	EA	8"	No Hub Cast Iron Cleanout Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.85 4.86 29.18	64.89
22 13 16 00-0412 No Hub Cast Iron Sanitary Crosses (22 13 16 00-0278)					
22 13 16 00-0413	EA	1-1/2"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	74.60 3.27 19.61	43.57
22 13 16 00-0414	EA	2"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.18 3.38 20.30	45.12
22 13 16 00-0415	EA	3"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	92.24 3.70 22.23	49.40
22 13 16 00-0416	EA	4"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	131.37 4.86 29.18	64.89
22 13 16 00-0417 No Hub Cast Iron Reducing Sanitary Crosses (22 13 16 00-0278)					
22 13 16 00-0418	EA	3" x 2"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.23 4.35 26.07	57.96
22 13 16 00-0419	EA	4" x 2"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.53 4.47 26.84	59.67
22 13 16 00-0420	EA	4" x 3"	No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.21 4.67 28.01	62.32
22 13 16 00-0421 No Hub Cast Iron Reducers (22 13 16 00-0278)					
22 13 16 00-0422	EA	3" x 2"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.52 3.38 20.30	45.12
22 13 16 00-0423	EA	4" x 2"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	97.44 4.58 27.46	61.07
22 13 16 00-0424	EA	4" x 3"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	97.62 4.58 27.46	61.07
22 13 16 00-0425	EA	5" x 2"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.64 5.30 31.79	70.71
22 13 16 00-0426	EA	5" x 3"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.84 5.30 31.79	70.71
22 13 16 00-0427	EA	5" x 4"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.31 5.30 31.79	70.71
22 13 16 00-0428	EA	6" x 3"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.71 5.89 35.33	78.58
22 13 16 00-0429	EA	6" x 4"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.89 5.89 35.33	78.58
22 13 16 00-0430	EA	6" x 5"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.43 5.89 35.33	78.58
22 13 16 00-0431	EA	8" x 2"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	183.90 8.20 49.20	109.39
22 13 16 00-0432	EA	8" x 3"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	185.28 8.20 49.20	109.39
22 13 16 00-0433	EA	8" x 4"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	187.50 8.20 49.20	109.39
22 13 16 00-0434	EA	8" x 5"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.80 8.20 49.20	109.39
22 13 16 00-0435	EA	8" x 6"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	190.08 8.20 49.20	109.39
22 13 16 00-0436	EA	10" x 4"	No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	215.73 8.65 51.89	115.39

22	Plumbing
22 10	Plumbing Piping
22 13	Facility Sanitary Sewerage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0437	EA 10" x 6" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	228.57 9.03 54.20	120.45
22 13 16 00-0438	EA 10" x 8" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.44 9.80 58.81	130.75
22 13 16 00-0439	No Hub Cast Iron Blind Plugs (22 13 16 00-0278)		
22 13 16 00-0440	EA 1-1/2" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.98 1.59 9.53	21.17
22 13 16 00-0441	EA 2" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.23 1.66 9.93	22.09
22 13 16 00-0442	EA 3" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.73 1.90 11.39	25.29
22 13 16 00-0443	EA 4" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.26 2.51 15.06	33.45
22 13 16 00-0444	EA 5" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.70 2.92 17.49	39.36
22 13 16 00-0445	EA 6" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.87 3.42 20.51	45.57
22 13 16 00-0446	EA 8" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.80 4.39 26.36	58.58
22 13 16 00-0447	EA 10" No Hub Cast Iron Blind Plug..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	137.67 4.73 28.38	63.11
22 13 16 00-0448	No Hub Cast Iron P-Traps (22 13 16 00-0278)		
22 13 16 00-0449	EA 2" No Hub Cast Iron P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.95 1.66 9.93	22.09
22 13 16 00-0450	EA 3" No Hub Cast Iron P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.83 1.90 11.39	25.29
22 13 16 00-0451	EA 4" No Hub Cast Iron P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.26 2.51 15.06	33.45
22 13 16 00-0452	EA 5" No Hub Cast Iron P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.81 2.89 17.32	38.54
22 13 16 00-0453	EA 6" No Hub Cast Iron P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.04 3.45 20.67	45.95
22 13 16 00-0454	No Hub Cast Iron Deep Seal P-Traps (22 13 16 00-0278)		
22 13 16 00-0455	EA 2" No Hub Cast Iron Deep Seal P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.77 2.10 12.62	28.09
22 13 16 00-0456	EA 3" No Hub Cast Iron Deep Seal P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.83 2.80 16.79	37.35
22 13 16 00-0457	EA 4" No Hub Cast Iron Deep Seal P-Trap..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.83 3.70 22.17	49.32
22 13 16 00-0458	No Hub Cast Iron Closet Flanges (22 13 16 00-0278)		
22 13 16 00-0459	EA 4" No Hub Cast Iron Closet Flange..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.63 2.51 15.06	33.45
22 13 16 00-0460	EA 4" x 2-1/2" No Hub Cast Iron Offset Closet Flange..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.21 2.51 15.06	33.45
22 13 16 00-0461	No Hub Cast Iron Closet Bends (22 13 16 00-0278)		
22 13 16 00-0462	EA 4" x 16" No Hub Cast Iron Closet Bend..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.87 2.51 15.06	33.45
22 13 16 00-0463	No Hub Cast Iron Threaded Adapter (22 13 16 00-0278)		
22 13 16 00-0464	EA 1-1/4" No Hub Cast Iron Threaded Adapter..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.79 2.10 12.62	28.09
22 13 16 00-0465	EA 1-1/2" No Hub Cast Iron Threaded Adapter..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.87 2.10 12.62	28.09

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

22 13 16 00-0466 No Hub Couplings (22 13 16 00-0278)
 Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH).

22 13 16 00-0467	EA		1-1/2" No Hub Coupling.....	5.07	
			For Medium Duty (Fernco MD-2000), Add	0.66	
			For Heavy Duty (Fernco HD-4000), Add	1.37	
22 13 16 00-0468	EA		2" No Hub Coupling.....	5.07	
			For Medium Duty (Fernco MD-2000), Add	0.66	
			For Heavy Duty (Fernco HD-4000), Add	1.37	
22 13 16 00-0469	EA		3" No Hub Coupling.....	6.02	
			For Medium Duty (Fernco MD-2000), Add	0.78	
			For Heavy Duty (Fernco HD-4000), Add	1.63	
22 13 16 00-0470	EA		4" No Hub Coupling.....	7.15	
			For Medium Duty (Fernco MD-2000), Add	0.93	
			For Heavy Duty (Fernco HD-4000), Add	1.93	
22 13 16 00-0471	EA		5" No Hub Coupling.....	16.53	
			For Medium Duty (Fernco MD-2000), Add	2.15	
			For Heavy Duty (Fernco HD-4000), Add	4.46	
22 13 16 00-0472	EA		6" No Hub Coupling.....	18.16	
			For Medium Duty (Fernco MD-2000), Add	2.36	
			For Heavy Duty (Fernco HD-4000), Add	4.90	
22 13 16 00-0473	EA		8" No Hub Coupling.....	34.21	
			For Medium Duty (Fernco MD-2000), Add	4.45	
			For Heavy Duty (Fernco HD-4000), Add	9.24	
22 13 16 00-0474	EA		10" No Hub Coupling.....	47.13	
			For Medium Duty (Fernco MD-2000), Add	6.13	
			For Heavy Duty (Fernco HD-4000), Add	12.73	
22 13 16 00-0475	EA		2" x 1-1/2" No Hub Reducing Coupling.....	6.02	
22 13 16 00-0476	EA		3" x 2" No Hub Reducing Coupling.....	9.34	
22 13 16 00-0477	EA		4" x 2" No Hub Reducing Coupling.....	13.02	
22 13 16 00-0478	EA		4" x 3" No Hub Reducing Coupling.....	11.10	

22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts (22 13 16 00-0278)
 Note: For underground connections. See CSI section 22 13 16 00-0861 for additional FERNCO couplings.

22 13 16 00-0480	EA		1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	14.89	
22 13 16 00-0481	EA		2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	15.37	
22 13 16 00-0482	EA		3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	16.14	
22 13 16 00-0483	EA		4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	18.83	
22 13 16 00-0484	EA		5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	35.55	
22 13 16 00-0485	EA		6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	48.80	
22 13 16 00-0486	EA		8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	85.50	
22 13 16 00-0487	EA		10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....	130.65	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place (22 13 16 00-0268)
 Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA		Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub.....	7.61	
			For Work In Restricted Working Space, Add	2.28	
22 13 16 00-0490	EA		Cut And Prepare 2" Cast Iron Pipe, No Hub.....	9.30	
			For Work In Restricted Working Space, Add	2.79	
22 13 16 00-0491	EA		Cut And Prepare 3" Cast Iron Pipe, No Hub.....	10.15	
			For Work In Restricted Working Space, Add	3.05	
22 13 16 00-0492	EA		Cut And Prepare 4" Cast Iron Pipe, No Hub.....	12.68	
			For Work In Restricted Working Space, Add	3.80	
22 13 16 00-0493	EA		Cut And Prepare 6" Cast Iron Pipe, No Hub.....	15.21	
			For Work In Restricted Working Space, Add	4.56	
22 13 16 00-0494	EA		Cut And Prepare 8" Cast Iron Pipe, No Hub.....	20.28	
			For Work In Restricted Working Space, Add	6.08	
22 13 16 00-0495	EA		Cut And Prepare 10" Cast Iron Pipe, No Hub.....	23.66	
			For Work In Restricted Working Space, Add	7.10	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe (22 13 16)
 See CSI section 22 11 16 00-0414 for copper and brass fittings.

22 13 16 00-0497	LF		1-1/4" Hard Drawn DWV Copper Tube/Pipe.....	9.83	3.66
22 13 16 00-0498	LF		1-1/2" Hard Drawn DWV Copper Tube/Pipe.....	12.07	4.09
22 13 16 00-0499	LF		2" Hard Drawn DWV Copper Tube/Pipe.....	18.31	5.03
22 13 16 00-0500	LF		3" Hard Drawn DWV Copper Tube/Pipe.....	36.82	6.98
22 13 16 00-0501	LF		4" Hard Drawn DWV Copper Tube/Pipe.....	48.48	7.87
22 13 16 00-0502	LF		5" Hard Drawn DWV Copper Tube/Pipe.....	126.01	9.04
22 13 16 00-0503	LF		6" Hard Drawn DWV Copper Tube/Pipe.....	158.68	14.01

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)
 Note: Aboveground installation. See CSI section 33 31 00 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0504)
 Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.

22 13 16 00-0506	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....	16.17	3.26
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			For Work In Restricted Working Space, Add	4.48	

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0507	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	17.92 4.96	3.89
22 13 16 00-0508	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	23.06 6.16	5.60
22 13 16 00-0509	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	25.99 6.84	6.07
22 13 16 00-0510	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	38.01 9.10	7.78
22 13 16 00-0511	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	50.99 11.53	10.35
22 13 16 00-0512	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	69.69 15.03	13.85
22 13 16 00-0513	Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (22 13 16 00-0504) Note: Excludes fittings or hangers.		
22 13 16 00-0514	Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) (22 13 16 00-0513) Note: Excludes fittings or hangers.		
22 13 16 00-0515	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.38 1.46	3.26
22 13 16 00-0516	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.52 1.75	3.89
22 13 16 00-0517	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.75 2.51	5.60
22 13 16 00-0518	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	11.02 2.72	6.07
22 13 16 00-0519	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	14.79 3.40	7.57
22 13 16 00-0520	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	21.04 4.54	10.07
22 13 16 00-0521	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	29.23 6.06	13.47
22 13 16 00-0522	Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) (22 13 16 00-0513) Note: Excludes fittings or hangers.		
22 13 16 00-0523	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.27 1.46	3.26
22 13 16 00-0524	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.39 1.75	3.89
22 13 16 00-0525	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.52 2.51	5.60
22 13 16 00-0526	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	10.73 2.72	6.07
22 13 16 00-0527	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	14.24 3.40	7.57
22 13 16 00-0528	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	19.66 4.54	10.07
22 13 16 00-0529	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	27.73 6.06	13.47
22 13 16 00-0530	Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) (22 13 16 00-0504)		
22 13 16 00-0531	Polyvinyl Chloride (PVC) DWV 1/4 Bends (22 13 16 00-0530)		
22 13 16 00-0532	EA 1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	20.18 5.84	12.99
22 13 16 00-0533	EA 2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	25.81 7.47	16.58
22 13 16 00-0534	EA 3" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	36.30 10.04	22.25
22 13 16 00-0535	EA 4" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	44.95 11.67	25.91
22 13 16 00-0536	EA 6" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	87.36 15.17	33.68
22 13 16 00-0537	EA 8" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	131.09 20.42	45.36
22 13 16 00-0538	EA 10" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	173.84 27.23	60.45
22 13 16 00-0539	Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends (22 13 16 00-0530)		
22 13 16 00-0540	EA 1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	22.21 5.84	12.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0541	EA		2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	26.97 7.47	16.58
22 13 16 00-0542	EA		3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	39.30 10.04	22.25
22 13 16 00-0543	EA		4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	50.45 11.67	25.91
22 13 16 00-0544	EA		6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	76.73 15.17	33.68
22 13 16 00-0545	EA		8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	117.12 20.42	45.36
22 13 16 00-0546	EA		10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	173.59 27.23	60.45
22 13 16 00-0547			Polyvinyl Chloride (PVC) DWV 1/8 Bends (22 13 16 00-0530)		
22 13 16 00-0548	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	20.35 5.84	12.99
22 13 16 00-0549	EA		2" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	25.79 7.47	16.58
22 13 16 00-0550	EA		3" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	36.05 10.04	22.25
22 13 16 00-0551	EA		4" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	43.72 11.67	25.91
22 13 16 00-0552	EA		6" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	84.25 15.17	33.68
22 13 16 00-0553	EA		8" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	123.85 20.42	45.36
22 13 16 00-0554	EA		10" Polyvinyl Chloride (PVC) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	152.56 27.23	60.45
22 13 16 00-0555			Polyvinyl Chloride (PVC) DWV Sanitary Tees (22 13 16 00-0530)		
22 13 16 00-0556	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	30.46 8.75	19.46
22 13 16 00-0557	EA		2" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	39.20 11.21	24.89
22 13 16 00-0558	EA		3" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	55.10 15.05	33.45
22 13 16 00-0559	EA		4" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	67.74 17.51	38.90
22 13 16 00-0560	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	130.43 22.76	50.49
22 13 16 00-0561	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	172.66 30.64	68.00
22 13 16 00-0562			Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees (22 13 16 00-0530)		
22 13 16 00-0563	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	34.23 9.57	21.24
22 13 16 00-0564	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	37.84 10.39	23.03
22 13 16 00-0565	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	36.47 10.39	23.03
22 13 16 00-0566	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	46.95 12.95	28.79
22 13 16 00-0567	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	49.49 13.77	30.57
22 13 16 00-0568	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	53.69 14.59	32.36
22 13 16 00-0569	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	64.07 15.41	34.24
22 13 16 00-0570	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	72.92 16.69	37.04
22 13 16 00-0571	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	122.80 21.01	46.60
22 13 16 00-0572	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	271.23 26.26	58.27
22 13 16 00-0573	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	282.98 28.01	62.16
22 13 16 00-0574			Polyvinyl Chloride (PVC) DWV Double Sanitary Tees (22 13 16 00-0530)		
22 13 16 00-0575	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	42.79 11.67	25.91
22 13 16 00-0576	EA		2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	55.50 14.94	33.14
22 13 16 00-0577	EA		3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	82.89 20.07	44.58
22 13 16 00-0578	EA		4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	103.50 23.34	51.82
22 13 16 00-0579			Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees (22 13 16 00-0530)		
22 13 16 00-0580	EA		2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	49.50 13.31	29.57
22 13 16 00-0581	EA		3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	65.01 15.87	35.24

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0582	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	72.70 17.51	38.90
22 13 16 00-0583	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	95.36 19.14	42.48
22 13 16 00-0584	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	104.79 21.71	48.16
22 13 16 00-0585 Polyvinyl Chloride (PVC) DWV Reducers (22 13 16 00-0530)					
22 13 16 00-0586	EA		2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	23.62 6.65	14.78
22 13 16 00-0587	EA		3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	31.06 7.94	17.58
22 13 16 00-0588	EA		3" x 2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	33.03 8.75	19.46
22 13 16 00-0589	EA		4" x 2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	39.54 9.57	21.24
22 13 16 00-0590	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	44.17 10.85	24.12
22 13 16 00-0591	EA		6" x 3" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	82.38 12.60	28.00
22 13 16 00-0592	EA		6" x 4" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	77.16 13.42	29.80
22 13 16 00-0593	EA		8" x 4" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	142.46 16.05	35.64
22 13 16 00-0594	EA		8" x 6" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	132.52 17.80	39.52
22 13 16 00-0595	EA		10" x 6" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	170.31 21.20	47.07
22 13 16 00-0596	EA		10" x 8" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	154.17 23.83	52.91
22 13 16 00-0597 Polyvinyl Chloride (PVC) DWV P-Traps (22 13 16 00-0530)					
22 13 16 00-0598	EA		1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	31.70 8.75	19.46
22 13 16 00-0599	EA		2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	40.80 11.21	24.89
22 13 16 00-0600	EA		3" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	67.34 15.05	33.45
22 13 16 00-0601	EA		4" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	99.24 17.51	38.90
22 13 16 00-0602	EA		6" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	148.13 22.76	50.49
22 13 16 00-0603 Polyvinyl Chloride (PVC) DWV Closet Flanges (22 13 16 00-0530)					
22 13 16 00-0604	EA		4" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	43.75 11.67	25.91
22 13 16 00-0605	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	39.57 10.85	24.12
22 13 16 00-0606 Polyvinyl Chloride (PVC) DWV Wyes (22 13 16 00-0530)					
22 13 16 00-0607	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	31.76 8.75	19.46
22 13 16 00-0608	EA		2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	39.95 11.21	24.89
22 13 16 00-0609	EA		3" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	56.06 15.05	33.45
22 13 16 00-0610	EA		4" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	69.31 17.51	38.90
22 13 16 00-0611	EA		6" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	124.54 22.76	50.49
22 13 16 00-0612	EA		8" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	161.47 30.64	68.00
22 13 16 00-0613	EA		10" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	214.03 40.85	90.64
22 13 16 00-0614 Polyvinyl Chloride (PVC) DWV Reducing Wyes (22 13 16 00-0530)					
22 13 16 00-0615	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	36.51 9.57	21.24
22 13 16 00-0616	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	39.19 10.39	23.03
22 13 16 00-0617	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	50.36 12.95	28.79
22 13 16 00-0618	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	50.44 13.77	30.57
22 13 16 00-0619	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	60.04 14.59	32.36
22 13 16 00-0620	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	60.15 15.41	34.24
22 13 16 00-0621	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	65.90 16.69	37.04
22 13 16 00-0622	EA		6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	111.46 20.19	44.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0623	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	126.50 21.01	46.60
22 13 16 00-0624	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	138.40 26.26	58.27
22 13 16 00-0625	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	159.92 28.01	62.16
22 13 16 00-0626	EA		10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	167.53 33.07	73.37
22 13 16 00-0627	EA		10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	190.40 34.82	77.26
22 13 16 00-0628	EA		10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	212.77 37.44	83.10
22 13 16 00-0629			Polyvinyl Chloride (PVC) DWV Double Wyes (22 13 16 00-0530)		
22 13 16 00-0630	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	44.40 11.67	25.91
22 13 16 00-0631	EA		2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	56.87 14.94	33.14
22 13 16 00-0632	EA		3" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	85.19 20.07	44.58
22 13 16 00-0633	EA		4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	114.85 23.34	51.82
22 13 16 00-0634	EA		6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	185.06 30.34	67.38
22 13 16 00-0635	EA		8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	230.87 40.85	90.72
22 13 16 00-0636	EA		10" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	332.44 54.46	120.90
22 13 16 00-0637			Polyvinyl Chloride (PVC) DWV Reducing Double Wyes (22 13 16 00-0530)		
22 13 16 00-0638	EA		2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	50.81 13.31	29.57
22 13 16 00-0639	EA		3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	68.95 15.87	35.24
22 13 16 00-0640	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	71.97 17.51	38.90
22 13 16 00-0641	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	86.00 19.14	42.48
22 13 16 00-0642	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	101.69 21.71	48.16
22 13 16 00-0643	EA		6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	137.66 26.84	59.59
22 13 16 00-0644	EA		8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	163.09 32.09	71.27
22 13 16 00-0645	EA		8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	192.41 35.59	79.05
22 13 16 00-0646	EA		10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	207.02 38.90	86.36
22 13 16 00-0647	EA		10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	245.41 42.40	94.14
22 13 16 00-0648	EA		10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	286.33 47.65	105.81
22 13 16 00-0649			Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends (22 13 16 00-0530)		
22 13 16 00-0650	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	33.37 8.75	19.46
22 13 16 00-0651	EA		2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	42.46 11.21	24.89
22 13 16 00-0652	EA		3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	63.62 15.05	33.45
22 13 16 00-0653	EA		4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	86.27 17.51	38.90
22 13 16 00-0654			Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends (22 13 16 00-0530)		
22 13 16 00-0655	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	45.21 10.39	23.03
22 13 16 00-0656	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	61.58 12.95	28.79
22 13 16 00-0657	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	57.40 13.77	30.57
22 13 16 00-0658	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	76.93 15.41	34.24
22 13 16 00-0659	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	83.34 16.69	37.04
22 13 16 00-0660			Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends (22 13 16 00-0530)		
22 13 16 00-0661	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	45.65 11.67	25.91
22 13 16 00-0662	EA		2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	57.01 14.94	33.14

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0663	EA		3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	79.45 20.07	44.58
22 13 16 00-0664	EA		4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	143.85 23.34	51.82
22 13 16 00-0665	EA		6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	340.92 30.34	67.38
22 13 16 00-0666			Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0530)</small>		
22 13 16 00-0667	EA		2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	66.45 13.31	29.57
22 13 16 00-0668	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	95.80 17.51	38.90
22 13 16 00-0669	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	133.58 19.14	42.48
22 13 16 00-0670	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	133.42 21.71	48.16
22 13 16 00-0671	EA		6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	246.12 26.84	59.59
22 13 16 00-0672			Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <small>(22 13 16 00-0530)</small>		
22 13 16 00-0673	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	49.65 11.21	24.89
22 13 16 00-0674	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	73.68 15.05	33.45
22 13 16 00-0675	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	99.24 17.51	38.90
22 13 16 00-0676	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	194.65 22.76	50.49
22 13 16 00-0677	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	250.02 30.64	68.00
22 13 16 00-0678	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	332.33 40.85	90.64
22 13 16 00-0679			Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0530)</small>		
22 13 16 00-0680	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	21.59 5.84	12.99
22 13 16 00-0681	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	28.32 7.47	16.58
22 13 16 00-0682	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	38.73 10.04	22.25
22 13 16 00-0683	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	51.31 11.67	25.91
22 13 16 00-0684	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	84.64 15.17	33.68
22 13 16 00-0685	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	151.14 20.42	45.36
22 13 16 00-0686	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	248.74 27.22	60.45
22 13 16 00-0687			Polyvinyl Chloride (PVC) Couplings <small>(22 13 16 00-0530)</small>		
22 13 16 00-0688	EA		1-1/2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	20.09 5.84	12.99
22 13 16 00-0689	EA		2" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	25.60 7.47	16.58
22 13 16 00-0690	EA		3" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	35.26 10.04	22.25
22 13 16 00-0691	EA		4" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	41.88 11.67	25.91
22 13 16 00-0692	EA		6" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	67.00 15.17	33.68
22 13 16 00-0693	EA		8" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	115.53 20.42	45.36
22 13 16 00-0694	EA		10" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	164.32 27.23	60.45
22 13 16 00-0695			Polyvinyl Chloride (PVC) Male Adapters <small>(22 13 16 00-0530)</small>		
22 13 16 00-0696	EA		1-1/2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	10.37 2.92	6.45
22 13 16 00-0697	EA		2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	14.02 3.74	8.33
22 13 16 00-0698	EA		3" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	21.08 5.02	11.13
22 13 16 00-0699	EA		4" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	29.43 5.84	12.99
22 13 16 00-0700			Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe <small>(22 13 16 00-0504)</small>		
			Note: In place piping.		
22 13 16 00-0701	EA		1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	5.71	
22 13 16 00-0702	EA		2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	6.28	
22 13 16 00-0703	EA		3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe	7.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0704	EA		4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	10.78	
22 13 16 00-0705	EA		6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	15.40	
22 13 16 00-0706	EA		8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	20.54	
22 13 16 00-0707	EA		10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	25.10	
22 13 16 00-0708			Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 13 16)</small>		
			Note: Aboveground installation.		
22 13 16 00-0709			Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies <small>(22 13 16 00-0709)</small>		
			Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0710	LF		1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	16.17	3.26
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	4.48	
22 13 16 00-0711	LF		2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	17.92	3.89
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	4.96	
22 13 16 00-0712	LF		3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	23.06	5.60
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	6.16	
22 13 16 00-0713	LF		4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	25.99	6.07
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	6.84	
22 13 16 00-0714	LF		6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly	38.01	7.78
			Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	9.10	
22 13 16 00-0715			Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) <small>(22 13 16 00-0708)</small>		
			Note: Excludes fittings or hangers.		
22 13 16 00-0716	LF		1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	5.31	3.26
			<i>For Work In Restricted Working Space, Add</i>	1.46	
22 13 16 00-0717	LF		2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	6.44	3.89
			<i>For Work In Restricted Working Space, Add</i>	1.75	
22 13 16 00-0718	LF		3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	9.63	5.60
			<i>For Work In Restricted Working Space, Add</i>	2.51	
22 13 16 00-0719	LF		4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	10.87	6.07
			<i>For Work In Restricted Working Space, Add</i>	2.72	
22 13 16 00-0720	LF		6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe	15.00	7.57
			<i>For Work In Restricted Working Space, Add</i>	3.40	
22 13 16 00-0721			Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) <small>(22 13 16 00-0708)</small>		
22 13 16 00-0722			Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <small>(22 13 16 00-0721)</small>		
22 13 16 00-0723	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends	21.38	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.84	
22 13 16 00-0724	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends.....	27.63	16.58
			<i>For Work In Restricted Working Space, Add</i>	7.47	
22 13 16 00-0725	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends.....	41.92	22.25
			<i>For Work In Restricted Working Space, Add</i>	10.04	
22 13 16 00-0726	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends.....	55.49	25.91
			<i>For Work In Restricted Working Space, Add</i>	11.67	
22 13 16 00-0727	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends.....	112.48	33.68
			<i>For Work In Restricted Working Space, Add</i>	15.17	
22 13 16 00-0728			Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <small>(22 13 16 00-0721)</small>		
22 13 16 00-0729	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends.....	24.04	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.84	
22 13 16 00-0730	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends.....	30.23	16.58
			<i>For Work In Restricted Working Space, Add</i>	7.47	
22 13 16 00-0731	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends.....	48.37	22.25
			<i>For Work In Restricted Working Space, Add</i>	10.04	
22 13 16 00-0732	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends.....	68.33	25.91
			<i>For Work In Restricted Working Space, Add</i>	11.67	
22 13 16 00-0733			Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <small>(22 13 16 00-0721)</small>		
22 13 16 00-0734	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends	21.74	12.99
			<i>For Work In Restricted Working Space, Add</i>	5.84	
22 13 16 00-0735	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends.....	27.38	16.58
			<i>For Work In Restricted Working Space, Add</i>	7.47	
22 13 16 00-0736	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends.....	40.59	22.25
			<i>For Work In Restricted Working Space, Add</i>	10.04	
22 13 16 00-0737	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends.....	53.04	25.91
			<i>For Work In Restricted Working Space, Add</i>	11.67	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0738	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	115.05 15.17	33.68
22 13 16 00-0739	Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0740	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	32.45 8.75	19.46
22 13 16 00-0741	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	42.27 11.21	24.89
22 13 16 00-0742	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	62.72 15.05	33.45
22 13 16 00-0743	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	82.46 17.51	38.90
22 13 16 00-0744	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	206.50 22.76	50.49
22 13 16 00-0745	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0746	EA 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	37.12 9.57	21.24
22 13 16 00-0747	EA 2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	41.95 10.39	23.03
22 13 16 00-0748	EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	39.34 10.39	23.03
22 13 16 00-0749	EA 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	52.76 12.95	28.79
22 13 16 00-0750	EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	55.57 13.77	30.57
22 13 16 00-0751	EA 4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	83.37 14.59	32.36
22 13 16 00-0752	EA 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	83.78 15.41	34.24
22 13 16 00-0753	EA 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	93.65 16.69	37.04
22 13 16 00-0754	EA 6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	216.09 21.01	46.60
22 13 16 00-0755	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0756	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	48.85 11.67	25.91
22 13 16 00-0757	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	64.32 14.94	33.14
22 13 16 00-0758	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	107.69 20.07	44.58
22 13 16 00-0759	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	143.15 23.34	51.82
22 13 16 00-0760	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees (22 13 16 00-0721)		
22 13 16 00-0761	EA 2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	55.63 13.31	29.57
22 13 16 00-0762	EA 3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	73.69 15.87	35.24
22 13 16 00-0763	EA 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	82.95 17.51	38.90
22 13 16 00-0764	EA 4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	116.24 18.62	41.34
22 13 16 00-0765	EA 4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	126.06 21.12	46.86
22 13 16 00-0766	Acrylonitrile Butadiene Styrene (ABS) DWV Wyes (22 13 16 00-0721)		
22 13 16 00-0767	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	35.76 8.75	19.46
22 13 16 00-0768	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	44.12 11.21	24.89
22 13 16 00-0769	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	65.16 15.05	33.45
22 13 16 00-0770	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	86.28 17.51	38.90
22 13 16 00-0771	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	178.29 22.76	50.49
22 13 16 00-0772	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes (22 13 16 00-0721)		
22 13 16 00-0773	EA 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	43.66 9.57	21.24
22 13 16 00-0774	EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	46.26 10.39	23.03
22 13 16 00-0775	EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	57.54 13.77	30.57
22 13 16 00-0776	EA 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	73.78 15.41	34.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0777	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	81.83 16.69	37.04
22 13 16 00-0778	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	154.66 21.01	46.60
22 13 16 00-0779			Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes (22 13 16 00-0721)		
22 13 16 00-0780	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	52.92 11.67	25.91
22 13 16 00-0781	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	67.84 14.94	33.14
22 13 16 00-0782	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	113.54 20.07	44.58
22 13 16 00-0783	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	172.27 23.34	51.82
22 13 16 00-0784			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes (22 13 16 00-0721)		
22 13 16 00-0785	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	60.83 13.31	29.57
22 13 16 00-0786	EA		3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes..... <i>For Work In Restricted Working Space, Add</i>	85.80 15.87	35.24
22 13 16 00-0787	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	92.98 17.51	38.90
22 13 16 00-0788	EA		4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	120.43 19.14	42.48
22 13 16 00-0789	EA		4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	147.16 21.71	48.16
22 13 16 00-0790			Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend (22 13 16 00-0721)		
22 13 16 00-0791	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	39.70 8.75	19.46
22 13 16 00-0792	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	51.04 11.21	24.89
22 13 16 00-0793	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	72.73 15.05	33.45
22 13 16 00-0794	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	101.05 17.03	37.85
22 13 16 00-0795			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend (22 13 16 00-0721)		
22 13 16 00-0796	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	45.70 10.39	23.03
22 13 16 00-0797	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	69.43 12.95	28.79
22 13 16 00-0798	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	62.30 13.77	30.57
22 13 16 00-0799	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	87.89 15.41	34.24
22 13 16 00-0800	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	95.19 16.69	37.04
22 13 16 00-0801			Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend (22 13 16 00-0721)		
22 13 16 00-0802	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	74.58 14.94	33.14
22 13 16 00-0803	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	124.06 20.07	44.58
22 13 16 00-0804			Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend (22 13 16 00-0721)		
22 13 16 00-0805	EA		2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	64.29 13.31	29.57
22 13 16 00-0806	EA		3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	114.54 17.51	38.90
22 13 16 00-0807			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug (22 13 16 00-0721)		
22 13 16 00-0808	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug..... <i>For Work In Restricted Working Space, Add</i>	41.56 8.75	19.46
22 13 16 00-0809	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	52.89 11.21	24.89
22 13 16 00-0810	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	76.88 15.05	33.45
22 13 16 00-0811	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	108.27 17.51	38.90
22 13 16 00-0812			Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug (22 13 16 00-0721)		

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0813	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	23.71 5.84	12.99
22 13 16 00-0814	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	31.74 7.47	16.58
22 13 16 00-0815	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	43.98 10.04	22.25
22 13 16 00-0816	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	63.70 11.67	25.91
22 13 16 00-0817	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug..... <i>For Work In Restricted Working Space, Add</i>	118.65 15.17	33.68
22 13 16 00-0818			Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <small>(22 13 16 00-0721)</small>		
22 13 16 00-0819	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	20.92 5.84	12.99
22 13 16 00-0820	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	26.43 7.47	16.58
22 13 16 00-0821	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	37.65 10.04	22.25
22 13 16 00-0822	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	45.82 11.67	25.91
22 13 16 00-0823	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings..... <i>For Work In Restricted Working Space, Add</i>	84.78 15.17	33.68
22 13 16 00-0824			Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <small>(22 13 16 00-0721)</small>		
22 13 16 00-0825	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	25.88 6.65	14.78
22 13 16 00-0826	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	38.21 7.94	17.58
22 13 16 00-0827	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	39.03 8.75	19.46
22 13 16 00-0828	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	51.36 9.57	21.24
22 13 16 00-0829	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	56.54 10.85	24.12
22 13 16 00-0830			Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <small>(22 13 16 00-0721)</small>		
22 13 16 00-0831	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	36.36 8.75	19.46
22 13 16 00-0832	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	48.99 11.21	24.89
22 13 16 00-0833	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	103.52 15.05	33.45
22 13 16 00-0834	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps..... <i>For Work In Restricted Working Space, Add</i>	167.63 17.51	38.90
22 13 16 00-0835			Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges <small>(22 13 16 00-0721)</small>		
22 13 16 00-0836	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	48.94 11.67	25.91
22 13 16 00-0837	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges..... <i>For Work In Restricted Working Space, Add</i>	45.60 10.85	24.12
22 13 16 00-0838			Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters <small>(22 13 16 00-0721)</small>		
22 13 16 00-0839	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	11.60 2.92	6.45
22 13 16 00-0840	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	15.76 3.74	8.33
22 13 16 00-0841	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	26.38 5.02	11.13
22 13 16 00-0842	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	40.80 5.84	12.99
22 13 16 00-0843			Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings <small>(22 13 16 00-0721)</small>		
22 13 16 00-0844	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	23.71 6.65	14.78
22 13 16 00-0845	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	34.78 7.94	17.58
22 13 16 00-0846	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	34.46 8.75	19.46
22 13 16 00-0847	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	51.09 9.57	21.24
22 13 16 00-0848	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	47.30 10.85	24.12
22 13 16 00-0849	EA		6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing..... <i>For Work In Restricted Working Space, Add</i>	87.14 13.06	28.99
22 13 16 00-0850			Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings <small>(22 13 16 00-0721)</small>		
22 13 16 00-0851	EA		1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling..... <i>For Work In Restricted Working Space, Add</i>	29.88 5.84	12.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0852	EA		2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	36.01 7.47	16.58
22 13 16 00-0853	EA		3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	45.26 10.04	22.25
22 13 16 00-0854	EA		4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling <i>For Work In Restricted Working Space, Add</i>	51.41 11.67	25.91
22 13 16 00-0855			Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <small>(22 13 16 00-0708)</small> Note: In place piping.		
22 13 16 00-0856	EA		1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	5.71	
22 13 16 00-0857	EA		2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	6.28	
22 13 16 00-0858	EA		3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.99	
22 13 16 00-0859	EA		4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	10.78	
22 13 16 00-0860	EA		6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	15.40	
22 13 16 00-0861			Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings <small>(22 13 16)</small>		
22 13 16 00-0862			Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings <small>(22 13 16 00-0861)</small> Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.		
22 13 16 00-0863	EA		1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.09 2.03	3.38
22 13 16 00-0864	EA		1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.23 2.16	3.59
22 13 16 00-0865	EA		2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.77 2.28	3.80
22 13 16 00-0866	EA		3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	12.30 2.41	4.02
22 13 16 00-0867	EA		4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	13.79 2.54	4.23
22 13 16 00-0868	EA		5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	17.25 2.66	4.44
22 13 16 00-0869	EA		6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	20.72 2.79	4.65
22 13 16 00-0870	EA		8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	27.72 3.05	5.07
22 13 16 00-0871	EA		10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	36.27 3.55	5.92
22 13 16 00-0872			Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Couplings <small>(22 13 16 00-0861)</small> Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps. Fernco 1056.		
22 13 16 00-0873	EA		1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.75 2.16	3.59
22 13 16 00-0874	EA		2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	10.95 2.28	3.80
22 13 16 00-0875	EA		3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	14.27 2.41	4.02
22 13 16 00-0876	EA		3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	12.81 2.41	4.02
22 13 16 00-0877	EA		4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	17.55 2.54	4.23
22 13 16 00-0878	EA		4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	16.80 2.54	4.23
22 13 16 00-0879	EA		4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	15.42 2.54	4.23
22 13 16 00-0880	EA		5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	22.27 2.66	4.44
22 13 16 00-0881	EA		5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	20.15 2.66	4.44
22 13 16 00-0882	EA		6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	27.51 2.79	4.65
22 13 16 00-0883	EA		6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	24.35 2.79	4.65
22 13 16 00-0884	EA		6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	25.23 2.79	4.65
22 13 16 00-0885	EA		8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling..... <i>For Work In Restricted Working Space, Add</i>	49.48 5.07	8.45

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
22 13 16 00-0886	EA	8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	40.70		8.45
		<i>For Work In Restricted Working Space, Add</i>	5.07		
22 13 16 00-0887	EA	10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Reducing Pipe Coupling	51.42		9.51
		<i>For Work In Restricted Working Space, Add</i>	5.70		
22 13 16 00-0888		Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Caps ^(22 13 16) Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp. Fernco QC.			
22 13 16 00-0889	EA	1-1/2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	37.57		22.82
22 13 16 00-0890	EA	2" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	40.33		24.26
22 13 16 00-0891	EA	3" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	46.73		27.81
22 13 16 00-0892	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	61.65		36.77
22 13 16 00-0893	EA	5" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	73.92		43.96
22 13 16 00-0894	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	85.13		50.71
22 13 16 00-0895	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Cap.....	114.69		64.24
22 13 16 00-0896		Cast Iron Vent Stack Flashing Sleeves With Caulking Recess ^(22 13 16) Note: Josam 26450 Series.			
22 13 16 00-0897	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	55.33		17.50
22 13 16 00-0898	EA	2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	59.22		19.46
22 13 16 00-0899	EA	3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	85.41		25.29
22 13 16 00-0900	EA	4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	99.73		29.17
22 13 16 00-0901	EA	5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	115.48		33.07
22 13 16 00-0902	EA	6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess.....	178.42		36.96
22 13 16 00-0903		Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess ^(22 13 16) Note: Josam 26440 Series			
22 13 16 00-0904	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	98.15		17.50
22 13 16 00-0905	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	102.04		19.46
22 13 16 00-0906	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	123.15		25.29
22 13 16 00-0907	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	151.98		29.17
22 13 16 00-0908	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	201.85		33.07
22 13 16 00-0909	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	209.63		36.96
22 13 16 00-0910		Cast Iron Vandal Proof Hooded Vent Cap ^(22 13 16) Note: Includes counterflashing collar, deep protective hood and recessed securing screws. Josam 26700 Series.			
22 13 16 00-0911	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap.....	174.35		17.50
22 13 16 00-0912	EA	2" Cast Iron Vandal Proof Hooded Vent Cap.....	178.24		19.46
22 13 16 00-0913	EA	3" Cast Iron Vandal Proof Hooded Vent Cap.....	207.33		25.29
22 13 16 00-0914	EA	4" Cast Iron Vandal Proof Hooded Vent Cap.....	233.99		29.17
22 13 16 00-0915	EA	5" Cast Iron Vandal Proof Hooded Vent Cap.....	272.25		33.07
22 13 16 00-0916	EA	6" Cast Iron Vandal Proof Hooded Vent Cap.....	298.17		36.96
22 13 19 Sanitary Waste Piping Specialties ^(22 13)					
22 13 19 13 Sanitary Drains ^(22 13 19)					
22 13 19 13-0001 Round Top Floor Drains ^(22 13 19 13)					
22 13 19 13-0002	EA	6" Round Top Floor Drain With 1-1/2" Outlet, Bronze Top.....	275.74		83.64
		<i>For Sediment Bucket, Add</i>	22.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	40.00		
		<i>For Vandal Proof Screws, Add</i>	11.00		
22 13 19 13-0003	EA	6" Round Top Floor Drain With 2" Outlet, Bronze Top.....	305.67		93.75
		<i>For Sediment Bucket, Add</i>	22.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	40.00		
		<i>For Vandal Proof Screws, Add</i>	11.00		
22 13 19 13-0004	EA	6" Round Top Floor Drain With 3" Outlet, Bronze Top.....	315.97		103.71
		<i>For Sediment Bucket, Add</i>	22.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	40.00		
		<i>For Vandal Proof Screws, Add</i>	11.00		
22 13 19 13-0005	EA	6" Round Top Floor Drain With 4" Outlet, Bronze Top.....	337.33		114.44
		<i>For Sediment Bucket, Add</i>	22.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	40.00		
		<i>For Vandal Proof Screws, Add</i>	11.00		
22 13 19 13-0006	EA	9" Round Top Floor Drain With 2" Outlet, Cast Iron Top.....	290.97		93.75
		<i>For Ductile Iron Grate, Add</i>	48.00		
		<i>For Cast Iron Dome Grate, Add</i>	17.00		
		<i>For Nikaloy Dome Grate, Add</i>	178.50		
		<i>For Bronze Dome Grate, Add</i>	143.00		
		<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50		
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50		
		<i>For Vandal Proof Screws, Add</i>	30.50		
22 13 19 13-0007	EA	9" Round Top Floor Drain With 3" Outlet, Cast Iron Top.....	310.97		103.71
		<i>For Ductile Iron Grate, Add</i>	48.00		
		<i>For Cast Iron Dome Grate, Add</i>	17.00		
		<i>For Nikaloy Dome Grate, Add</i>	178.50		
		<i>For Bronze Dome Grate, Add</i>	143.00		
		<i>For Cast Iron Extension Collar, Each 3", Add</i>	57.50		
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50		
		<i>For Galvanized Cast Iron Parts, Add</i>	87.50		
		<i>For Vandal Proof Screws, Add</i>	30.50		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0008	EA			9" Round Top Floor Drain With 4" Outlet, Cast Iron Top.....	332.33	114.44
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0009	EA			9" Round Top Floor Drain With 2" Outlet, Nikaloy Top	393.97	93.75
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0010	EA			9" Round Top Floor Drain With 3" Outlet, Nikaloy Top	413.97	103.71
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0011	EA			9" Round Top Floor Drain With 4" Outlet, Nikaloy Top	435.33	114.44
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0012	EA			9" Round Top Floor Drain With 2" Outlet, Bronze Top.....	378.97	93.75
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0013	EA			9" Round Top Floor Drain With 3" Outlet, Bronze Top.....	398.86	103.71
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0014	EA			9" Round Top Floor Drain With 4" Outlet, Bronze Top.....	420.33	114.44
				For Ductile Iron Grate, Add	48.00	
				For Cast Iron Dome Grate, Add	17.00	
				For Nikaloy Dome Grate, Add	178.50	
				For Bronze Dome Grate, Add	143.00	
				For Cast Iron Extension Collar, Each 3", Add	57.50	
				For Galvanized Extension Collar, Each 3", Add	117.50	
				For Galvanized Cast Iron Parts, Add	87.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0015	EA			12-5/8" Round Top Floor Drain With 2" Outlet, Cast Iron Top	402.88	93.67
				For Ductile Iron Grate, Add	53.00	
				For Cast Iron Dome Grate, Add	28.00	
				For Nikaloy Dome Grate, Add	255.00	
				For Cast Iron Extension Collar, Each 2", Add	51.00	
				For Galvanized Extension Collar, Each 2", Add	102.50	
				For Primer Tap, Add	33.50	
				For Chained Grate, Add	48.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0016	EA			12-5/8" Round Top Floor Drain With 3" Outlet, Cast Iron Top	422.86	103.71
				For Ductile Iron Grate, Add	53.00	
				For Cast Iron Dome Grate, Add	28.00	
				For Nikaloy Dome Grate, Add	255.00	
				For Cast Iron Extension Collar, Each 2", Add	51.00	
				For Galvanized Extension Collar, Each 2", Add	102.50	
				For Primer Tap, Add	33.50	
				For Chained Grate, Add	48.50	
				For Vandal Proof Screws, Add	30.50	
22 13 19 13-0017	EA			12-5/8" Round Top Floor Drain With 4" Outlet, Cast Iron Top	444.33	114.44
				For Ductile Iron Grate, Add	53.00	
				For Cast Iron Dome Grate, Add	28.00	
				For Nikaloy Dome Grate, Add	255.00	
				For Cast Iron Extension Collar, Each 2", Add	51.00	
				For Galvanized Extension Collar, Each 2", Add	102.50	
				For Primer Tap, Add	33.50	
				For Chained Grate, Add	48.50	
				For Vandal Proof Screws, Add	30.50	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 19 13-0018	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Nikaloy Top	556.88	93.67
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0019	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Nikaloy Top	576.86	103.71
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0020	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Nikaloy Top	598.33	114.44
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0021	EA	12-5/8" Round Top Floor Drain With 2" Outlet, Bronze Top	536.38	93.67
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0022	EA	12-5/8" Round Top Floor Drain With 3" Outlet, Bronze Top	556.36	103.71
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0023	EA	12-5/8" Round Top Floor Drain With 4" Outlet, Bronze Top	577.83	114.44
		For Ductile Iron Grate, Add	53.00	
		For Cast Iron Dome Grate, Add	28.00	
		For Nikaloy Dome Grate, Add	255.00	
		For Cast Iron Extension Collar, Each 2", Add	51.00	
		For Galvanized Extension Collar, Each 2", Add	102.50	
		For Primer Tap, Add	33.50	
		For Chained Grate, Add	48.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0024		Square Or Rectangular Top Drains <small>(22 13 19 13)</small>		
22 13 19 13-0025	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	319.38	93.67
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0026	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	339.58	103.79
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	360.83	114.44
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0028	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	334.38	93.67
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	354.58	103.79
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	375.83	114.44
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0031	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	400.38	93.67
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	420.58	103.79
		For Sediment Bucket, Add	22.50	
		For Galvanized Cast Iron Parts, Add	40.00	
		For Vandal Proof Screws, Add	11.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0033	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	441.83 22.50 40.00 11.00	114.44
22 13 19 13-0034	EA		5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	308.38 22.50 40.00 11.00	93.67
22 13 19 13-0035	EA		5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	328.58 22.50 40.00 11.00	103.79
22 13 19 13-0036	EA		5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	349.83 22.50 40.00 11.00	114.44
22 13 19 13-0037	EA		6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	327.38 22.50 40.00 11.00	93.67
22 13 19 13-0038	EA		6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	347.58 22.50 40.00 11.00	103.79
22 13 19 13-0039	EA		6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	368.83 22.50 40.00 11.00	114.44
22 13 19 13-0040	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	380.88 22.50 40.00 11.00	93.67
22 13 19 13-0041	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	401.08 22.50 40.00 11.00	103.79
22 13 19 13-0042	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	422.33 22.50 40.00 11.00	114.44
22 13 19 13-0043	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	787.08 212.00 76.00 48.50	103.79
22 13 19 13-0044	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	808.33 212.00 76.00 48.50	114.44
22 13 19 13-0045	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	950.08 212.00 76.00 48.50	103.79
22 13 19 13-0046	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	971.33 212.00 76.00 48.50	114.44
22 13 19 13-0047	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	930.58 212.00 76.00 48.50	103.79
22 13 19 13-0048	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For No-Hub Side Outlet, Add</i> <i>For Chained Grate, Add</i>	951.83 212.00 76.00 48.50	114.44
22 13 19 13-0049	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	404.38 120.94 22.50 11.00	93.67
22 13 19 13-0050	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	424.58 120.94 22.50 11.00	103.79
22 13 19 13-0051	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	445.83 120.94 22.50 11.00	114.44
22 13 19 13-0052	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	481.88 120.94 22.50 11.00	93.67
22 13 19 13-0053	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	502.08 120.94 22.50 11.00	103.79
22 13 19 13-0054	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	523.33 120.94 22.50 11.00	114.44

22	Plumbing
22 10	Plumbing Piping
22 13	Facility Sanitary Sewerage

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

22 13 19 13-0055	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	499.88 120.94 22.50 11.00	93.67
22 13 19 13-0056	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	520.08 120.94 22.50 11.00	103.79
22 13 19 13-0057	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	541.33 120.94 22.50 11.00	114.44
22 13 19 13-0058	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	639.38 120.94 22.50 11.00	93.67
22 13 19 13-0059	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	659.58 120.94 22.50 11.00	103.79
22 13 19 13-0060	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	680.83 120.94 22.50 11.00	114.44
22 13 19 13-0061	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	388.38 120.94 22.50 11.00	93.67
22 13 19 13-0062	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	408.58 120.94 22.50 11.00	103.79
22 13 19 13-0063	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	429.83 120.94 22.50 11.00	114.44
22 13 19 13-0064	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	454.38 120.94 22.50 11.00	93.67
22 13 19 13-0065	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	474.58 120.94 22.50 11.00	103.79
22 13 19 13-0066	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	495.83 120.94 22.50 11.00	114.44
22 13 19 13-0067	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	472.38 120.94 22.50 11.00	93.67
22 13 19 13-0068	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	492.58 120.94 22.50 11.00	103.79
22 13 19 13-0069	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	513.83 120.94 22.50 11.00	114.44
22 13 19 13-0070	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	585.88 120.94 22.50 11.00	93.67
22 13 19 13-0071	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	606.08 120.94 22.50 11.00	103.79
22 13 19 13-0072	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Rough Bronze Body, Add</i> <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i>	627.33 120.94 22.50 11.00	114.44

22 13 19 13-0073 Funnel Type Floor Drains (22 13 19 13)

22 13 19 13-0074	EA		7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	374.81 11.00 40.00 -19.50	83.64
22 13 19 13-0075	EA		7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	394.88 11.00 40.00 -19.50	93.67
22 13 19 13-0076	EA		7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Satin Finish Bronze Top, Deduct</i>	414.86 11.00 40.00 -19.50	103.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0077 EA 7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top.....	436.33	114.44
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0078 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top.....	507.38	93.67
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0079 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top.....	527.36	103.71
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0080 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top.....	548.83	114.44
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0081 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top.....	487.88	93.67
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0082 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top.....	507.86	103.71
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0083 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top.....	529.33	114.44
For Vandal Proof Screws, Add	11.00	
For Primer Tap, Add	15.10	
For Galvanized Cast Iron Parts, Add	40.00	
For Satin Finish Bronze Top, Deduct	-19.50	
22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet (22 13 19 13)		
22 13 19 13-0085 EA 12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap.....	660.74	83.64
For Galvanized Cast Iron Parts, Add	247.00	
For Primer Tap, Add	33.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0086 EA 12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap.....	680.88	93.67
For Galvanized Cast Iron Parts, Add	247.00	
For Primer Tap, Add	33.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0087 EA 12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap.....	700.86	103.71
For Galvanized Cast Iron Parts, Add	247.00	
For Primer Tap, Add	33.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0088 EA 12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap.....	722.33	114.44
For Galvanized Cast Iron Parts, Add	247.00	
For Primer Tap, Add	33.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0089 EA 12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap.....	744.47	125.49
For Galvanized Cast Iron Parts, Add	247.00	
For Primer Tap, Add	33.50	
For Vandal Proof Screws, Add	30.50	
22 13 19 13-0090 EA 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	718.88	93.67
For Vandal Proof Screws, Add	29.50	
For Primer Tap, Add	31.00	
For Aluminum Bucket, Add	77.50	
For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0091 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	739.08	103.79
For Vandal Proof Screws, Add	29.50	
For Primer Tap, Add	31.00	
For Aluminum Bucket, Add	77.50	
For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0092 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	760.33	114.44
For Vandal Proof Screws, Add	29.50	
For Primer Tap, Add	31.00	
For Aluminum Bucket, Add	77.50	
For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0093 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate	782.47	125.49
For Vandal Proof Screws, Add	29.50	
For Primer Tap, Add	31.00	
For Aluminum Bucket, Add	77.50	
For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0094 EA 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate	493.38	93.67
For Vandal Proof Screws, Add	29.50	
For Primer Tap, Add	31.00	
For Aluminum Bucket, Add	77.50	
For Galvanized Cast Iron Parts, Add	182.50	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 19 13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	513.58	103.79
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	534.83	114.44
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate.....	556.97	125.49
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	679.88	93.67
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0099	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	700.08	103.79
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0100	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	721.33	114.44
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0101	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate.....	743.47	125.49
		For Vandal Proof Screws, Add	29.50	
		For Primer Tap, Add	31.00	
		For Aluminum Bucket, Add	77.50	
		For Galvanized Cast Iron Parts, Add	182.50	
22 13 19 13-0102		Other Drains (22 13 19 13)		
22 13 19 13-0103		Shower Drains (22 13 19 13-0102)		
22 13 19 13-0104	EA	4-1/4" Stainless Steel Shower Drain Strainer.....	29.63	8.45
		Note: Includes two 2-5/8" screws.		
22 13 19 13-0105	EA	4-1/4" Brass Shower Drain Strainer	32.60	8.45
		Note: Includes two 2-5/8" screws.		
22 13 19 13-0106	EA	4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe	69.46	16.90
		Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.		
22 13 19 13-0107	EA	4" Chrome Finish, Threaded Brass Shower Drain And Gasket.....	86.50	16.90
		Note: For 2" pipe. Kohler K-9132.		
22 13 19 13-0108		Acid Resistant Floor Drains (22 13 19 13-0102)		
22 13 19 13-0109	EA	9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	376.74	83.64
		For Galvanized Cast Iron Parts, Add	87.50	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0110	EA	9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	396.88	93.67
		For Galvanized Cast Iron Parts, Add	87.50	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0111	EA	9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	416.86	103.71
		For Galvanized Cast Iron Parts, Add	87.50	
		For Primer Tap, Add	33.50	
		For Vandal Proof Screws, Add	30.50	
22 13 19 13-0112		Rotary And Lever Drains (22 13 19 13-0102)		
22 13 19 13-0113	EA	1-1/2" Drain, 3" Sink Opening Lever Drain.....	165.76	56.40
22 13 19 13-0114	EA	2" Drain, 3" Sink Opening Lever Drain.....	177.42	62.24
22 13 19 13-0115	EA	1-1/2" Drain, 3-1/2" Sink Opening Lever Drain.....	165.76	56.40
22 13 19 13-0116	EA	2" Drain, 3-1/2" Sink Opening Lever Drain.....	177.42	62.24
22 13 19 13-0117	EA	1-1/2" Drain, 3" Sink Opening Twist Drain	165.76	56.40
22 13 19 13-0118	EA	2" Drain, 3" Sink Opening Twist Drain	177.42	62.24
22 13 19 13-0119	EA	1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	165.76	56.40
22 13 19 13-0120	EA	2" Drain, 3-1/2" Sink Opening Twist Drain	177.42	62.24
22 13 19 13-0121	EA	1-1/2"-2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100).....	218.27	62.24
22 13 19 13-0122		Floor Receptor (22 13 19 13)		
22 13 19 13-0123		9" Diameter Round Shallow Receptor (22 13 19 13-0122)		
		Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0124	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	449.51	93.75
			<i>For Flange With Seepage Holes, Add</i>	58.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	97.00	
			<i>For Trap Primer Connection, Add</i>	38.00	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	33.50	
			<i>For White Acid Resistant Bucket, Add</i>	47.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	62.50	
22 13 19 13-0125	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	469.80	103.86
			<i>For Flange With Seepage Holes, Add</i>	58.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	97.00	
			<i>For Trap Primer Connection, Add</i>	38.00	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	33.50	
			<i>For White Acid Resistant Bucket, Add</i>	47.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	62.50	
22 13 19 13-0126	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection	490.83	114.44
			<i>For Flange With Seepage Holes, Add</i>	58.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	97.00	
			<i>For Trap Primer Connection, Add</i>	38.00	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	33.50	
			<i>For White Acid Resistant Bucket, Add</i>	47.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	62.50	
22 13 19 13-0127 Square Top Floor Receptors (22 13 19 13-0122)					
Note: With acid resistant coating.					
22 13 19 13-0128	EA		8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top	491.31	83.64
			<i>For Flange With Seepage Holes, Add</i>	37.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	69.00	
			<i>For Trap Primer Connection, Add</i>	39.50	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	15.50	
			<i>For White Acid Resistant Bucket, Add</i>	88.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	97.00	
22 13 19 13-0129	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top.....	511.47	93.75
			<i>For Flange With Seepage Holes, Add</i>	37.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	69.00	
			<i>For Trap Primer Connection, Add</i>	39.50	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	15.50	
			<i>For White Acid Resistant Bucket, Add</i>	88.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	97.00	
22 13 19 13-0130	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top.....	531.36	103.71
			<i>For Flange With Seepage Holes, Add</i>	37.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	69.00	
			<i>For Trap Primer Connection, Add</i>	39.50	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	15.50	
			<i>For White Acid Resistant Bucket, Add</i>	88.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	97.00	
22 13 19 13-0131	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top.....	552.83	114.44
			<i>For Flange With Seepage Holes, Add</i>	37.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	69.00	
			<i>For Trap Primer Connection, Add</i>	39.50	
			<i>For Full Grate With 2" Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	15.50	
			<i>For White Acid Resistant Bucket, Add</i>	88.00	
			<i>For Stainless Steel Liner For Bucket, Add</i>	97.00	
22 13 19 13-0132 Floor Drain Accessories (22 13 19 13)					
22 13 19 13-0133	EA		3" Trap Guard Floor Drain Insert (ProVent TG3H).....	61.53	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0134	EA		2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22)	51.01	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0135	EA		3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33)	55.22	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0136	EA		3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP).....	65.73	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0137	EA		3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP).....	59.42	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0138	EA		2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02)	82.72	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0139	EA		3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03)	91.19	9.73
Note: Prevents emission of sewer gases.					
22 13 19 13-0140	EA		4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04)	112.21	9.73
Note: Prevents emission of sewer gases.					
22 13 19 26 Grease Removal Devices (22 13 19)					
22 13 19 26-0001			Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26)		
Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.					
22 13 19 26-0002			Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001)		
Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.					

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 13 19 26-0003	EA	7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....697.37	58.36
		Note: Josam 60102H.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,275.10
22 13 19 26-0004	EA	10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....811.67	131.29
		Note: Josam 60103H.	
		<i>For Flange And Clamp Device, Add</i>	347.69
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,344.74
22 13 19 26-0005	EA	15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....1,137.06	145.88
		Note: Josam 60104H.	
		<i>For Flange And Clamp Device, Add</i>	357.41
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,467.80
22 13 19 26-0006	EA	20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....1,367.63	160.46
		Note: Josam 60105H.	
		<i>For Flange And Clamp Device, Add</i>	367.14
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,585.43
22 13 19 26-0007	EA	25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....1,529.52	175.06
		Note: Josam 60106H.	
		<i>For Flange And Clamp Device, Add</i>	407.27
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,648.34
22 13 19 26-0008	EA	35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....1,874.36	204.23
		Note: Josam 60107H.	
		<i>For Flange And Clamp Device, Add</i>	437.92
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,809.99
22 13 19 26-0009	EA	50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....2,432.87	233.41
		Note: Josam 60108H.	
		<i>For Flange And Clamp Device, Add</i>	498.33
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,924.61
22 13 19 26-0010	EA	75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....4,710.43	262.58
		Note: Josam 60109H.	
		<i>For Flange And Clamp Device, Add</i>	719.06
22 13 19 26-0011	EA	100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....5,308.95	302.69
		Note: Josam 60110H.	
		<i>For Flange And Clamp Device, Add</i>	809.80
22 13 19 26-0012	EA	150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....6,582.69	484.31
		Note: Josam 60213A.	
		<i>For Flange And Clamp Device, Add</i>	1,090.88
22 13 19 26-0013	EA	200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....9,419.90	605.39
		Note: Josam 60214A.	
		<i>For Flange And Clamp Device, Add</i>	1,300.87
22 13 19 26-0014	EA	250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....10,994.46	726.47
		Note: Josam 60215A.	
		<i>For Flange And Clamp Device, Add</i>	1,694.56
22 13 19 26-0015	EA	350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....14,257.53	847.54
		Note: Josam 60216A.	
		<i>For Flange And Clamp Device, Add</i>	2,013.03
22 13 19 26-0016	EA	500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor .....18,408.29	968.63
		Note: Josam 60217A.	
		<i>For Flange And Clamp Device, Add</i>	2,367.03
22 13 19 26-0017		Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0001)</small>	
		Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.	
22 13 19 26-0018	EA	20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor.....1,943.19	160.46
		Note: Josam 60115A.	
22 13 19 26-0019	EA	35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor.....2,498.98	204.23
		Note: Josam 60117A.	
22 13 19 26-0020	EA	50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor.....4,083.98	233.41
		Note: Smith 8150.	
22 13 19 26-0021		Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26)</small>	
		Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.	
22 13 19 26-0022		Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small>	
		Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.	
22 13 19 26-0023	EA	7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....1,698.79	58.36
		Note: Josam 60102-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,275.10
22 13 19 26-0024	EA	10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....1,995.49	131.29
		Note: Josam 60103-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,344.74
22 13 19 26-0025	EA	15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....2,134.12	145.88
		Note: Josam 60104-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,467.80
22 13 19 26-0026	EA	20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....2,597.96	160.46
		Note: Josam 60105-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,585.43
22 13 19 26-0027	EA	25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....3,125.03	175.06
		Note: Josam 60106-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,648.34
22 13 19 26-0028	EA	35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....3,239.87	204.23
		Note: Josam 60107-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,809.99
22 13 19 26-0029	EA	50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor .....3,698.45	233.41
		Note: Josam 60108-SA.	
		<i>For Steel Enclosure Cabinet With Non Skid Cover, Add</i>	1,924.61

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

22 13 19 26-0030		Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor <small>(22 13 19 26-0021)</small> Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.			
22 13 19 26-0031	EA	35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor	4,327.04		204.23
22 13 19 26-0032		Automatic Cleaning Stainless Steel Grease Interceptor <small>(22 13 19 26)</small> Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer.			
22 13 19 26-0033	EA	20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor	3,730.61		160.46
22 13 19 26-0034	EA	25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor	4,326.68		175.06
22 13 19 26-0035		Precast Concrete Grease Interceptor <small>(22 13 19 26)</small> Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.			
22 13 19 26-0036	EA	1,000 Gallon Pre-Cast Grease Interceptor	4,564.98		276.67
22 13 19 26-0037	EA	1,250 Gallon Pre-Cast Grease Interceptor	5,232.30		276.67
22 13 19 26-0038	EA	1,500 Gallon Pre-Cast Grease Interceptor	5,938.06		316.30
22 13 19 26-0039	EA	2,000 Gallon Pre-Cast Grease Interceptor	6,737.00		446.70
22 13 19 26-0040	EA	2,500 Gallon Pre-Cast Grease Interceptor	7,562.42		600.99
22 13 19 26-0041	EA	4,000 Gallon Pre-Cast Grease Interceptor	11,368.78		790.71
22 13 19 26-0042	EA	5,000 Gallon Pre-Cast Grease Interceptor	14,529.61		1,296.65
22 13 19 26-0043		Coated Steel Manual Oil Interceptor <small>(22 13 19 26)</small> Note: Includes internal air relief, and flow control fitting.			
22 13 19 26-0044	EA	10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,045.65		222.29
22 13 19 26-0045	EA	15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	2,725.46		264.12
22 13 19 26-0046	EA	20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,303.99		324.98
22 13 19 26-0047	EA	25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	3,588.43		352.02
22 13 19 26-0048	EA	35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	4,272.81		384.14
22 13 19 26-0049	EA	50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	5,561.40		422.60
22 13 19 26-0050	EA	75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	9,140.62		486.27
22 13 19 26-0051	EA	100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	10,050.08		598.30
22 13 19 26-0052	EA	150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	12,266.20		648.48
22 13 19 26-0053	EA	200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	17,054.23		778.02
22 13 19 26-0054	EA	250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	19,622.24		836.38
22 13 19 26-0055	EA	350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	24,666.11		997.43
22 13 19 26-0056	EA	400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	29,452.95		817.32
22 13 19 26-0057	EA	500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off	34,894.13		972.52
22 13 19 33		Backwater Valves <small>(22 13 19)</small>			
22 13 19 33-0001		Cast Iron Body Terminal Backwater Valves <small>(22 13 19 33)</small>			
22 13 19 33-0002	EA	2" Cast Iron Body Terminal Backwater Valve	224.02		22.33
22 13 19 33-0003	EA	3" Cast Iron Body Terminal Backwater Valve	232.58		28.09
22 13 19 33-0004	EA	4" Cast Iron Body Terminal Backwater Valve	333.76		37.35
22 13 19 33-0005	EA	6" Cast Iron Body Terminal Backwater Valve	873.28		52.92
22 13 19 33-0006	EA	8" Cast Iron Body Terminal Backwater Valve	1,070.63		69.65
22 13 19 33-0007	EA	10" Cast Iron Body Terminal Backwater Valve	3,032.89		85.93
22 13 19 33-0008	EA	12" Cast Iron Body Terminal Backwater Valve	3,443.61		111.44
22 13 19 33-0009		Cast Iron Backwater Sewer Line Valve <small>(22 13 19 33)</small> Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.			
22 13 19 33-0010	EA	2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	562.80		53.25
22 13 19 33-0011	EA	3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	845.91		64.58
22 13 19 33-0012	EA	4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,048.96		83.25
22 13 19 33-0013	EA	6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,459.24		96.15
22 13 19 33-0014	EA	8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,007.83		113.94
22 13 19 33-0015		Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve <small>(22 13 19 33)</small> Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.			
22 13 19 33-0016	EA	3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,469.02		84.26
22 13 19 33-0017	EA	4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	1,510.72		112.04
22 13 19 33-0018	EA	5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,190.79		142.40
22 13 19 33-0019	EA	6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve	2,215.55		158.76
22 13 19 33-0020		Polyvinyl Chloride (PVC) Backwater Sewer Line Valve <small>(22 13 19 33)</small> Note: Oatey.			
22 13 19 33-0021	EA	3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900)	83.19		28.09
22 13 19 33-0022	EA	4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904)	101.33		37.35
22 13 19 33-0023	EA	6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908)	272.69		52.92
22 13 19 33-0024		Polyvinyl Chloride (PVC) Extendable Backwater Valves <small>(22 13 19 33)</small>			
22 13 19 33-0025	EA	3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)	191.79		56.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0026	EA		4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	255.38	74.69
			Note: Includes valve body, flapper assembly and collar.		
22 13 19 33-0027	EA		6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	433.24	105.83
			Note: Includes valve body, flapper assembly and collar.		
22 13 19 36 Air-Admittance Valves (22 13 19)					
22 13 19 36-0001			Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent (22 13 19 36)		
22 13 19 36-0002	EA		1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent.....	91.32	10.90
22 13 19 36-0003	EA		2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent.....	107.73	10.90
22 13 23 Sanitary Waste Interceptors (22 13)					
22 13 23 00-0001			Sediment Bucket Solids Interceptors (22 13 23)		
22 13 23 00-0002	EA		1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180).....	675.70	110.17
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003	EA		1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184).....	676.50	110.17
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004	EA		1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARI0).....	937.14	110.17
			Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0005	EA		1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARI0).....	937.14	110.17
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006	EA		1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030).....	996.15	110.17
			Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0007			Solid Interceptors, Cast Iron With Internal Deep Seal Trap (22 13 23)		
22 13 23 00-0008	EA		1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	287.79	37.69
			For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0009	EA		2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	292.62	40.15
			For Stainless Steel Bucket, Add	175.00	
22 13 23 00-0010			Sediment Strainers (22 13 23)		
22 13 23 00-0011	EA		2" Strainer, Pump Suction Side.....	115.77	51.48
22 13 29 Sanitary Sewerage Pumps (22 13)					
			Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13			Wet-Pit-Mounted, Vertical Sewerage Pumps (22 13 29)		
22 13 29 13-0001			Vertical Non-Clog Sewage Pumps (22 13 29 13)		
22 13 29 13-0002			1-1/2" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)		
22 13 29 13-0003	EA		1/2 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	8,479.62	933.31
22 13 29 13-0004	EA		3/4 HP, Up To 125 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	8,886.09	933.31
22 13 29 13-0005	EA		1 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	9,292.56	933.31
22 13 29 13-0006	EA		1-1/2 HP, Up To 150 GPM Sewage Pump, Vertical Non Clog, 2-1/2" Discharge Pipe, 1,750 RPM.....	9,680.27	933.31
22 13 29 13-0007			2" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)		
22 13 29 13-0008	EA		3/4 HP, Up To 75 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,605.23	933.31
22 13 29 13-0009	EA		1 HP, Up To 100 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,761.57	933.31
22 13 29 13-0010	EA		2 HP, Up To 200 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	9,871.00	933.31
22 13 29 13-0011	EA		3 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	10,621.41	933.31
22 13 29 13-0012	EA		5 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	11,356.18	933.31
22 13 29 13-0013	EA		7-1/2 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	12,481.80	933.31
22 13 29 13-0014	EA		10 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	13,607.41	933.31
22 13 29 13-0015	EA		15 HP, Up To 600 GPM Sewage Pump, Vertical Non Clog, 3" Discharge Pipe, 1,750 RPM.....	15,350.47	1,242.04
22 13 29 13-0016			3" Solids 1,750 RPM Vertical Sewage Pumps (22 13 29 13-0001)		
22 13 29 13-0017	EA		2 HP, Up To 300 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,388.57	933.31
22 13 29 13-0018	EA		3 HP, Up To 400 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,388.57	933.31
22 13 29 13-0019	EA		5 HP, Up To 500 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	10,659.43	933.31
22 13 29 13-0020	EA		7-1/2 HP, Up To 700 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	12,761.07	933.31
22 13 29 13-0021	EA		10 HP, Up To 800 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	13,129.73	933.31
22 13 29 13-0022	EA		15 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	15,480.16	1,242.04
22 13 29 13-0023	EA		20 HP, Up To 900 GPM Sewage Pump, Vertical Non Clog, 4" Discharge Pipe, 1,750 RPM.....	16,418.17	1,242.04
22 13 29 13-0024			Extra Column Assemblies Addition, 5' Or Less (22 13 29 13-0001)		

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

22 13 29 13-0025	EA	2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	519.49	
22 13 29 13-0026	EA	3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	623.75	
22 13 29 13-0027	EA	4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	697.18	
22 13 29 13-0028	EA	5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	709.88	
22 13 29 13-0029	EA	6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	796.91	

22 13 29 13-0030 Float Switches (22 13 29 13-0001)

Note: Copper coated floats, brass rods and stops and switch brackets.

22 13 29 13-0031	EA	Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps.....	466.91	
22 13 29 13-0032	EA	Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	490.48	
22 13 29 13-0033	EA	Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps.....	501.36	

22 13 29 13-0034 Square Or Round Steel Sump Covers (22 13 29 13-0001)

22 13 29 13-0035	EA	24" Steel Sump Covers, Square Or Round.....	447.99	31.12
22 13 29 13-0036	EA	30" Steel Sump Covers, Square Or Round.....	496.10	35.01
22 13 29 13-0037	EA	36" Steel Sump Covers, Square Or Round.....	687.50	46.68
22 13 29 13-0038	EA	40" Steel Sump Covers, Square Or Round.....	991.55	54.46
22 13 29 13-0039	EA	42" Steel Sump Covers, Square Or Round.....	1,062.03	56.40
22 13 29 13-0040	EA	48" Steel Sump Covers, Square Or Round.....	1,134.81	58.36
22 13 29 13-0041	EA	54" Steel Sump Covers, Square Or Round.....	1,443.59	70.03
22 13 29 13-0042	EA	60" Steel Sump Covers, Square Or Round.....	1,947.46	77.80
22 13 29 13-0043	EA	72" Steel Sump Covers, Square Or Round.....	2,469.49	97.26
22 13 29 13-0044	EA	84" Steel Sump Covers, Square Or Round.....	3,131.48	106.98

22 13 29 16 Submersible Sewerage Pumps (22 13 29)

Note: Includes 25' of cord with pumps unless otherwise noted.

22 13 29 16-0001 Submersible Sewerage Pumps With Vortex Impeller (22 13 29 16)

22 13 29 16-0002 Submersible Sewerage Pumps With Cast Iron Vortex Impeller (22 13 29 16-0001)

22 13 29 16-0003	EA	1/2 HP Submersible Sewerage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	493.06	56.63
22 13 29 16-0004	EA	1/2 HP Submersible Sewerage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	643.49	56.63
22 13 29 16-0005	EA	1 HP Submersible Sewerage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	775.27	70.79

22 13 29 16-0006 Submersible Sewerage Pumps With Bronze Vortex Impeller (22 13 29 16-0001)

22 13 29 16-0007	EA	1/2 HP Submersible Sewerage Pump, 115 Volt Or 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	733.83	56.63
22 13 29 16-0008	EA	1 HP Submersible Sewerage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	898.16	70.79
22 13 29 16-0009	EA	1-1/2 HP Submersible Sewerage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,088.83	114.10
22 13 29 16-0010	EA	2 HP Submersible Sewerage Pump, 230 Volt, 1 Or 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,197.35	139.45

22 13 29 16-0011 Submersible Sewerage Pumps With Semi-Open Impeller (22 13 29 16)

22 13 29 16-0012	EA	1 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,584.61	70.79
22 13 29 16-0013	EA	1.5 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,756.05	115.82
22 13 29 16-0014	EA	2 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,265.70	141.55
22 13 29 16-0015	EA	3 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,634.63	171.59
22 13 29 16-0016	EA	5 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	3,070.26	201.61
22 13 29 16-0017	EA	7.5 HP Submersible Sewerage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	3,206.91	231.64

22 13 29 16-0018 Submersible Sewerage Pumps Accessories (22 13 29 16)

22 13 29 16-0019	EA	Simplex Single Phase Plug In Controller With NEMA 4X Enclosure For Non-Automatic Submersible Sewerage Pump.....	293.35	64.48
		Note: Includes alarm horn, warning light, and single control float switches.		
22 13 29 16-0020	EA	Simplex Single Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewerage Pump.....	684.64	85.97
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0021	EA	Simplex Three Phase Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewerage Pump.....	887.76	85.97
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0022	EA	Duplex Alarm System And Controller With NEMA 4X Enclosure For Non Automatic Submersible Sewerage Pump.....	991.61	107.46
		Note: Includes alarm horn, warning light, HOA switch, and three control float switches.		
22 13 29 16-0023	EA	High-water Alarm For Submersible Sewerage Pump.....	225.60	42.98
22 13 29 16-0024	EA	Float Switch For Submersible Sewerage Pump.....	85.05	21.50
22 13 29 16-0025	EA	Rail System With 2" Discharge For Submersible Sewerage Pump.....	422.84	64.48

22 13 29 33 Sewerage Pump Basins And Pits (22 13 29)

22 13 29 33-0001 Sewage Sump Pump Basin (22 13 29 33)

22 13 29 33-0002 High Density Polyethylene (HDPE) Basin (22 13 29 33-0001)

22 Plumbing
22 10 Plumbing Piping
22 13 Facility Sanitary Sewerage

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 29 33-0003	EA	18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	99.56	
22 13 29 33-0004	EA	18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	128.20	
22 13 29 33-0005	EA	24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	288.02	
22 13 29 33-0006	EA	24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	403.29	
22 13 29 33-0007	EA	30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	518.55	
22 13 29 33-0008	EA	36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	602.89	

22 13 29 33-0009 Fiberglass Basin (22 13 29 33-0001)

22 13 29 33-0010	EA	18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	175.41	
22 13 29 33-0011	EA	24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	340.73	
22 13 29 33-0012	EA	30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	600.25	
22 13 29 33-0013	EA	36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	802.08	
22 13 29 33-0014	EA	36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	922.22	
22 13 29 33-0015	EA	36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	974.15	
22 13 29 33-0016	EA	36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	1,141.40	
22 13 29 33-0017	EA	48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	1,324.05	

22 14 Facility Storm Drainage (22 10)

22 14 13 Facility Storm Drainage Piping (22 14)
See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains (22 14)

22 14 26 13 Roof Drains (22 14 26)

22 14 26 13-0001 Cast Iron Roof Drains (22 14 26 13)

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome (22 14 26 13-0001)

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA	15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	404.84	129.70
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0004	EA	15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	469.67	155.60
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0005	EA	15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	534.51	194.50
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0006	EA	15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	694.27	233.41
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0007	EA	15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	726.68	259.31
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0008	EA	15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	814.68	272.31
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0009	EA	15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	990.11	282.03
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Bronze Dome, Add</i>	170.50	
		<i>For Drain Receiver, Add</i>	75.50	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint (22 14 26 13-0001)

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	540.84	129.70
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Drain Receiver, Add</i>	56.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0012	EA	15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	615.17	155.60
		<i>For Galvanized Iron Parts, Add</i>	197.00	
		<i>For Deck Clamp, Add</i>	50.00	
		<i>For Drain Receiver, Add</i>	56.00	
		<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 14 26 13-0013	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome.....	698.51	194.50
				<i>For Galvanized Iron Parts, Add</i>	197.00	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	56.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0014	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome.....	932.77	233.41
				<i>For Galvanized Iron Parts, Add</i>	197.00	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	56.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0015	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome.....	999.68	259.31
				<i>For Galvanized Iron Parts, Add</i>	197.00	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	56.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0016			Cast Iron Roof Drains With Flat Bronze Promenade Top <small>(22 14 26 13-0001)</small>		
	22 14 26 13-0017	EA		14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top.....	674.84	129.70
				<i>For Galvanized Iron Parts, Add</i>	182.50	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	75.50	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0018	EA		14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top.....	739.67	155.60
				<i>For Galvanized Iron Parts, Add</i>	182.50	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	75.50	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0019	EA		14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top.....	804.51	194.50
				<i>For Galvanized Iron Parts, Add</i>	182.50	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	75.50	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0020	EA		14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top.....	960.27	233.41
				<i>For Galvanized Iron Parts, Add</i>	182.50	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	75.50	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0021	EA		14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top.....	992.68	259.31
				<i>For Galvanized Iron Parts, Add</i>	182.50	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	75.50	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
	22 14 26 13-0022			Cast Iron Scupper Drain With L-Shaped Bronze Grate <small>(22 14 26 13-0001)</small>		
	22 14 26 13-0023	EA		Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate.....	394.74	51.89
				<i>For Galvanized Iron Parts, Add</i>	49.00	
				<i>For Vandal Proof Grate, Add</i>	11.00	
	22 14 26 13-0024	EA		Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate.....	420.67	64.81
				<i>For Galvanized Iron Parts, Add</i>	49.00	
				<i>For Vandal Proof Grate, Add</i>	11.00	
	22 14 26 13-0025	EA		Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate.....	432.46	70.72
				<i>For Galvanized Iron Parts, Add</i>	49.00	
				<i>For Vandal Proof Grate, Add</i>	11.00	
	22 14 26 13-0026	EA		Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate.....	600.97	93.75
				<i>For Galvanized Iron Parts, Add</i>	98.00	
				<i>For Vandal Proof Grate, Add</i>	11.00	
	22 14 26 13-0027	EA		Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate.....	642.33	114.44
				<i>For Galvanized Iron Parts, Add</i>	98.00	
				<i>For Vandal Proof Grate, Add</i>	11.00	
	22 14 26 13-0028			Cast Iron Roof Drain With Flat Cast Iron Grate <small>(22 14 26 13-0001)</small>		
	22 14 26 13-0029	EA		9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top.....	427.84	129.70
				<i>For Galvanized Cast Iron Parts, Add</i>	55.00	
				<i>For Bronze Grate, Add</i>	78.50	
				<i>For Deck Clamp, Add</i>	31.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	72.00	
	22 14 26 13-0030	EA		9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top.....	492.67	155.60
				<i>For Galvanized Cast Iron Parts, Add</i>	55.00	
				<i>For Bronze Grate, Add</i>	78.50	
				<i>For Deck Clamp, Add</i>	31.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	72.00	
	22 14 26 13-0031	EA		9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top.....	557.51	194.50
				<i>For Galvanized Cast Iron Parts, Add</i>	55.00	
				<i>For Bronze Grate, Add</i>	78.50	
				<i>For Deck Clamp, Add</i>	31.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	72.00	
	22 14 26 13-0032			Cast Iron Roof Drains With Large Cast Iron Dome <small>(22 14 26 13-0001)</small>		
	22 14 26 13-0033	EA		15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome.....	447.84	129.70
				<i>For Galvanized Iron Parts, Add</i>	197.00	
				<i>For Deck Clamp, Add</i>	50.00	
				<i>For Drain Receiver, Add</i>	56.00	
				<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	

22 Plumbing**22 10 Plumbing Piping****22 14 Facility Storm Drainage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0034	EA		15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome.....	512.67	155.60
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0035	EA		15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome.....	577.51	194.50
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0036	EA		15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome.....	737.27	233.41
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0037	EA		15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome.....	769.68	259.31
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0038	EA		15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome.....	857.68	272.31
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0039	EA		15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome.....	1,033.11	282.03
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0040			Aluminum Roof Drains (22 14 26 13)		
22 14 26 13-0041			Aluminum Dome Roof Drains (22 14 26 13-0040)		
22 14 26 13-0042	EA		15" Diameter Roof Drain With 2" Outlet, Aluminum Dome.....	455.34	129.70
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0043	EA		15" Diameter Roof Drain With 3" Outlet, Aluminum Dome.....	520.17	155.60
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0044	EA		15" Diameter Roof Drain With 4" Outlet, Aluminum Dome.....	585.01	194.50
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0045	EA		15" Diameter Roof Drain With 6" Outlet, Aluminum Dome.....	777.18	259.08
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0046	EA		15" Diameter Roof Drain With 8" Outlet, Aluminum Dome.....	865.33	272.31
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0047	EA		15" Diameter Roof Drain With 10" Outlet, Aluminum Dome.....	1,040.61	282.03
			<i>For Galvanized Cast Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp, Add</i>	50.00	
			<i>For Drain Receiver, Add</i>	56.00	
			<i>For 4" Fixed Extension Collar, Cast Iron, Add</i>	136.00	
22 14 26 13-0048			Retrofit Roof Drains (22 14 26 13)		
22 14 26 13-0049			Copolymer Retrofit Roof Drains With Copolymer Strainer Dome (22 14 26 13-0048)		
22 14 26 13-0050	EA		Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	519.07	155.60
22 14 26 13-0051	EA		Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	591.40	194.50
22 14 26 13-0052	EA		Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	718.65	233.41
22 14 26 13-0053	EA		Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	781.04	259.08
22 14 26 13-0054			Copolymer Retrofit Roof Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)		
22 14 26 13-0055	EA		Copolymer Retrofit Drain, 3", With Cast Aluminum Dome.....	586.53	155.60
22 14 26 13-0056	EA		Copolymer Retrofit Drain, 4", With Cast Aluminum Dome.....	655.87	194.50
22 14 26 13-0057	EA		Copolymer Retrofit Drain, 5", With Cast Aluminum Dome.....	787.61	233.41
22 14 26 13-0058	EA		Copolymer Retrofit Drain, 6", With Cast Aluminum Dome.....	829.01	259.08
22 14 26 13-0059			Aluminum Retrofit Roof Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)		
22 14 26 13-0060	EA		Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome.....	522.06	155.60
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0061	EA		Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome.....	594.40	194.50
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	

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

22 14 26 13-0062	EA Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	721.64 -24.00	233.41
22 14 26 13-0063	EA Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome <i>For Copolymer Strainer Dome, Deduct</i>	760.05 -24.00	259.08

22 14 26 13-0064 Bronze Downspout Nozzles (22 14 26 13)

22 14 26 13-0065	EA 2" Outlet, Bronze Roof Drain Downspout Nozzle	302.25	77.80
22 14 26 13-0066	EA 3" Outlet, Bronze Roof Drain Downspout Nozzle	302.25	77.80
22 14 26 13-0067	EA 4" Outlet, Bronze Roof Drain Downspout Nozzle	302.25	77.80
22 14 26 13-0068	EA 5" Outlet, Bronze Roof Drain Downspout Nozzle	458.54	97.26
22 14 26 13-0069	EA 6" Outlet, Bronze Roof Drain Downspout Nozzle	458.54	97.26
22 14 26 13-0070	EA 8" Outlet, Bronze Roof Drain Downspout Nozzle	581.46	97.26

22 14 26 16 Facility Area Drains (22 14 26)

22 14 26 16-0001 Area Drain (22 14 26 16)

22 14 26 16-0002	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	718.88	93.67
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0003	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	739.08	103.79
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0004	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	760.33	114.44
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0005	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	782.47	125.49
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0006	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	493.38	93.67
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0007	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	513.58	103.79
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0008	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	534.83	114.44
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0009	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	556.97	125.49
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0010	EA 12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Strainer	679.88	93.67
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0011	EA 12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Strainer	700.08	103.79
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0012	EA 12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Strainer	721.33	114.44
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	
22 14 26 16-0013	EA 12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Strainer	743.47	125.49
	<i>For Ductile Iron Grate, Add</i>	123.50	
	<i>For Vandal Proof Screws, Add</i>	29.50	
	<i>For Primer Tap, Add</i>	36.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	101.50	

22 Plumbing
22 10 Plumbing Piping
22 14 Facility Storm Drainage

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0014	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,314.88	93.67
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0015	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,335.08	103.79
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0016	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,356.33	114.44
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0017	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,378.47	125.49
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0018	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	709.88	93.67
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0019	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	730.08	103.79
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0020	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	751.33	114.44
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0021	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	773.47	125.49
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0022	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,253.38	93.67
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0023	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,273.58	103.79
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0024	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,294.83	114.44
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0025	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,316.97	125.49
			For Ductile Iron Grate, Add	123.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	258.50	
22 14 26 16-0026	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	393.88	93.67
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0027	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	414.08	103.79
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0028	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	435.33	114.44
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0029	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	290.88	93.67
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0030	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	311.08	103.79
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0031	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	332.33	114.44
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	378.88	93.67
			For Vandal Proof Grate, Add	30.50	
			For Galvanized Cast Iron Parts, Add	87.50	

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

22 14 26 16-0033	EA			9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	399.08	103.79
				<i>For Vandal Proof Grate, Add</i>	30.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0034	EA			9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	420.33	114.44
				<i>For Vandal Proof Grate, Add</i>	30.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0035	EA			12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	920.38	93.67
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0036	EA			12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	940.58	103.79
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0037	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	961.83	114.44
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0038	EA			12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	644.88	93.67
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0039	EA			12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	665.08	103.79
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0040	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	686.33	114.44
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0041	EA			12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	872.38	93.67
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0042	EA			12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	892.58	103.79
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	
22 14 26 16-0043	EA			12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer	913.83	114.44
				<i>For Vandal Proof Screws, Add</i>	30.50	
				<i>For Ductile Iron Grate, Add</i>	126.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	205.00	

22 14 26 19 Facility Trench Drains (22 14 26)

22 14 26 19-0001				Trench Drain (22 14 26 19) Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA			6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	605.72	93.67
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0003	EA			6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	625.92	103.79
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0004	EA			6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	647.17	114.44
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0005	EA			6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	389.67	93.67
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0006	EA			6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	409.87	103.79
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0007	EA			6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	431.12	114.44
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	66.00	
				<i>For Galvanized Cast Iron Parts, Add</i>	65.50	

22 Plumbing
22 10 Plumbing Piping
22 14 Facility Storm Drainage

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 14 26 19-0008	EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	576.28	93.67
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0009	EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	596.48	103.79
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0010	EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	617.73	114.44
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0011	EA 6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	511.64	46.68
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0012	EA 6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	295.59	46.68
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0013	EA 6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	482.20	46.68
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	66.00	
	<i>For Galvanized Cast Iron Parts, Add</i>	65.50	
22 14 26 19-0014	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	929.10	93.67
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0015	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	949.30	103.79
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0016	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	970.55	114.44
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0017	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	661.76	93.67
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0018	EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	681.96	103.79
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0019	EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	703.21	114.44
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0020	EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	892.53	93.67
	<i>For Vandal Proof Screws, Add</i>	48.50	
	<i>For Ductile Iron Grate, Add</i>	181.50	
	<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
	<i>For Sediment Bucket, Add</i>	116.00	
	<i>For Galvanized Sediment Bucket, Add</i>	188.50	
	<i>For Galvanized Cast Iron Parts, Add</i>	131.50	

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

22 14 26 19-0021	EA			12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	912.73	103.79
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0022	EA			12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	933.98	114.44
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0023	EA			12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	786.64	93.67
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0024	EA			12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	806.84	103.79
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0025	EA			12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	828.09	114.44
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
				<i>For Sediment Bucket, Add</i>	116.00	
				<i>For Galvanized Sediment Bucket, Add</i>	188.50	
				<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0026	EA			12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	835.01	46.68
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0027	EA			12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	567.67	46.68
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0028	EA			12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	798.44	46.68
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0029	EA			12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	692.55	46.68
				<i>For Vandal Proof Screws, Add</i>	48.50	
				<i>For Ductile Iron Grate, Add</i>	181.50	
				<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	

22 14 29 Sump Pumps (22 14)

See CSI section 22 11 16 00-0000 for pipe extensions into well.

22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps (22 14 29)
22 14 29 13-0001 Vertical Mounted Sump Pumps (22 14 29 13)

Note: Mounted on steel support plate and supplied with cast iron strainer, 1750 RPM drip-proof motor, 5' column sections.

22 14 29 13-0002	EA			1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	3,005.31	225.74
22 14 29 13-0003	EA			1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	3,214.10	273.23
22 14 29 13-0004	EA			2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	3,685.83	324.60
22 14 29 13-0005	EA			3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	3,988.01	399.33
22 14 29 13-0006	EA			5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	4,224.54	432.81
22 14 29 13-0007	EA			10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	5,016.22	519.21
22 14 29 13-0008	EA			15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head.....	5,809.97	543.77
22 14 29 13-0009	EA			20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head.....	7,057.23	655.72
22 14 29 13-0010	EA			30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head.....	7,684.96	764.74
22 14 29 13-0011	EA			50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head.....	10,194.17	918.01
22 14 29 13-0012	EA			60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head.....	13,834.38	1,019.64

22 14 29 13-0013 Extra Column Assemblies (22 14 29 13)

22 14 29 13-0014	EA			1-1/2" Diameter x 5' Long Extra Column Assembly.....	1,200.19	
22 14 29 13-0015	EA			2" Diameter x 5' Long Extra Column Assembly.....	1,313.28	
22 14 29 13-0016	EA			2-1/2" Diameter x 5' Long Extra Column Assembly.....	519.49	
22 14 29 13-0017	EA			3" Diameter x 5' Long Extra Column Assembly.....	1,725.45	
22 14 29 13-0018	EA			4" Diameter x 5' Long Extra Column Assembly.....	1,928.59	
22 14 29 13-0019	EA			5" Diameter x 5' Long Extra Column Assembly.....	709.88	

22	Plumbing
22 10	Plumbing Piping
22 14	Facility Storm Drainage

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

22 14 29 13-0020	EA		6" Diameter x 5' Long Extra Column Assembly.....	2,204.46	
22 14 29 13-0021	EA		8" Diameter x 5' Long Extra Column Assembly.....	2,412.20	

22 14 29 13-0022 Float Switch (22 14 29 13)

22 14 29 13-0023	EA		For Float Switch Copper Coated Float, General Purpose.....	1,340.21	24.51
22 14 29 13-0024	EA		For Float Switch Copper Coated Float, Weathertight.....	1,405.42	24.51
22 14 29 13-0025	EA		For Float Switch Copper Coated Float, Explosion Proof.....	1,435.51	24.51

22 14 29 13-0026 Support Plate (22 14 29 13)

22 14 29 13-0027	EA		24" Steel Support Plate, Round Or Square.....	447.99	31.12
22 14 29 13-0028	EA		30" Steel Support Plate, Round Or Square.....	496.10	35.01
22 14 29 13-0029	EA		36" Steel Support Plate, Round Or Square.....	687.50	46.68
22 14 29 13-0030	EA		40" Steel Support Plate, Round Or Square.....	991.55	54.46
22 14 29 13-0031	EA		42" Steel Support Plate, Round Or Square.....	1,062.03	56.40
22 14 29 13-0032	EA		48" Steel Support Plate, Round Or Square.....	1,134.73	58.36
22 14 29 13-0033	EA		54" Steel Support Plate, Round Or Square.....	1,443.59	70.03
22 14 29 13-0034	EA		60" Steel Support Plate, Round Or Square.....	1,947.46	77.80
22 14 29 13-0035	EA		72" Steel Support Plate, Round Or Square.....	2,597.65	97.26
22 14 29 13-0036	EA		84" Steel Support Plate, Round Or Square.....	3,131.48	106.98

22 14 29 16 Submersible Sump Pumps (22 14 29)

Note: Includes 25' of cord with pumps unless otherwise noted.

22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller (22 14 29 16)**22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller** (22 14 29 16-0001)

22 14 29 16-0003	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	281.62	50.71
22 14 29 16-0004	EA		1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	310.51	50.71
22 14 29 16-0005	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	445.87	53.67
22 14 29 16-0006	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	479.61	53.67

22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller (22 14 29 16-0001)

22 14 29 16-0008	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	699.74	53.67
22 14 29 16-0009	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	757.93	53.67
22 14 29 16-0010	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	797.62	59.16
22 14 29 16-0011	EA		1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	857.84	59.16
22 14 29 16-0012	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	898.66	67.62
22 14 29 16-0013	EA		1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	958.89	67.62
22 14 29 16-0014	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	972.35	80.29
22 14 29 16-0015	EA		2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,021.99	80.29

22 14 29 16-0016 Submersible Sump Pump With Semi-Open Impeller (22 14 29 16)

22 14 29 16-0017	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	684.51	50.71
22 14 29 16-0018	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	781.12	53.67
22 14 29 16-0019	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	928.60	56.63
22 14 29 16-0020	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	981.13	59.16
22 14 29 16-0021	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	1,119.24	67.62
22 14 29 16-0022	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Or 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Semi-Open Impeller.....	1,303.95	80.29

22 14 29 19 Sump-Pump Basins and Pits (22 14 29)

See CSI section 22 13 29 33-0000 for basins and pits.

22 15 General Service Compressed-Air Systems (22 10)**22 15 13 General Service Compressed-Air Piping** (22 15)**22 15 13 00-0001 Quick Disconnect, Air-Service** (22 15 13)**22 15 13 00-0002 Combination Steel And Brass** (22 15 13 00-0001)

22 15 13 00-0003	EA		1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	36.71	11.84
22 15 13 00-0004	EA		3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	40.44	14.37

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

22 15 13 00-0005 Refrigerated Air Dryers With Ambient Air Filters (22 15 13)				
22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	554.91	68.16
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	630.42	70.05
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	801.57	71.95
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	932.39	75.73
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,037.38	85.20
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,151.88	96.94
22 15 13 00-0012	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,630.97	123.07
22 15 13 00-0013	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,834.98	143.90
22 15 13 00-0014	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,994.60	153.74
22 15 13 00-0015	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,168.15	170.40
22 15 13 00-0016	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,441.60	189.34
22 15 13 00-0017	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,717.45	208.27
22 15 13 00-0018	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,861.41	230.99
22 15 13 00-0019	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,334.93	246.13
22 15 13 00-0020	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,014.00	255.60
22 15 13 00-0021	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,737.32	265.07
22 15 13 00-0022	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,262.84	274.53
22 15 13 00-0023	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,729.51	284.01
22 15 13 00-0024	EA	400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	6,402.41	302.94
22 15 13 00-0025	EA	500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	7,484.29	378.67
22 15 13 00-0026	EA	600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	9,463.09	454.40
22 15 13 00-0027	EA	800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,544.97	530.14
22 15 13 00-0028	EA	1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	12,405.38	605.88
22 15 13 00-0029 Oil And Water Separator For Air Compressor (22 15 13)				
22 15 13 00-0030	EA	0-60 SCFM Oil/Water Separator.....	509.76	27.06
22 15 13 00-0031	EA	85 SCFM Oil/Water Separator.....	687.68	31.71
22 15 13 00-0032	EA	190 SCFM Oil/Water Separator.....	803.76	35.94
22 15 13 00-0033	EA	245 SCFM Oil/Water Separator.....	1,008.98	42.28
22 15 13 00-0034	EA	320 SCFM Oil/Water Separator.....	1,199.31	50.73
22 15 13 00-0035	EA	700 SCFM Oil/Water Separator.....	2,417.82	105.69
22 15 13 00-0036 Heavy Duty Industrial Pressure Regulator (22 15 13)				
22 15 13 00-0037	EA	3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	89.69	22.72
22 15 13 00-0038	EA	1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	125.17	30.29
22 15 13 00-0039	EA	3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	213.02	37.87
22 15 13 00-0040	EA	1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	267.64	56.80
22 15 13 00-0041	EA	1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	373.32	66.26
22 15 13 00-0042	EA	1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	392.25	75.73
22 15 13 00-0043 Combination Air System; Filter Regulator Lubricator (22 15 13)				
22 15 13 00-0044	EA	3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	339.61	68.16
22 15 13 00-0045	EA	1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	420.94	90.88
22 15 13 00-0046 Heatless Desiccant Air Dryers (22 15 13)				
22 15 13 00-0047	EA	5 SCFM Heatless Desiccant Air Dryer.....	1,981.23	68.16
22 15 13 00-0048	EA	10 SCFM Heatless Desiccant Air Dryer.....	2,381.82	75.73
22 15 13 00-0049	EA	15 SCFM Heatless Desiccant Air Dryer.....	2,405.33	83.31
22 15 13 00-0050	EA	20 SCFM Heatless Desiccant Air Dryer.....	2,747.41	94.67
22 15 13 00-0051	EA	30 SCFM Heatless Desiccant Air Dryer.....	3,783.81	113.61
22 15 13 00-0052	EA	50 SCFM Heatless Desiccant Air Dryer.....	3,738.76	151.47
22 15 13 00-0053	EA	85 SCFM Heatless Desiccant Air Dryer.....	5,021.15	189.34
22 15 13 00-0054	EA	100 SCFM Heatless Desiccant Air Dryer.....	5,329.85	227.20
22 15 13 00-0055	EA	125 SCFM Heatless Desiccant Air Dryer.....	6,102.08	265.07
22 15 13 00-0056	EA	175 SCFM Heatless Desiccant Air Dryer.....	7,006.93	302.94
22 15 13 00-0057	EA	200 SCFM Heatless Desiccant Air Dryer.....	7,530.54	340.81
22 15 13 00-0058	EA	300 SCFM Heatless Desiccant Air Dryer.....	9,206.38	378.67
22 15 13 00-0059	EA	400 SCFM Heatless Desiccant Air Dryer.....	10,228.47	454.40
22 15 13 00-0060	EA	500 SCFM Heatless Desiccant Air Dryer.....	11,822.19	530.14
22 15 13 00-0061	EA	600 SCFM Heatless Desiccant Air Dryer.....	13,640.75	605.88
22 15 13 00-0062 Air Cooled Aftercoolers (22 15 13)				
22 15 13 00-0063	EA	20 SCFM Air-Cooled Aftercooler.....	501.30	47.33
22 15 13 00-0064	EA	35 SCFM Air-Cooled Aftercooler.....	676.88	56.80
22 15 13 00-0065	EA	43 SCFM Air-Cooled Aftercooler.....	743.64	66.26
22 15 13 00-0066	EA	70 SCFM Air-Cooled Aftercooler.....	908.47	75.73
22 15 13 00-0067	EA	125 SCFM Air-Cooled Aftercooler.....	1,264.64	85.20
22 15 13 00-0068	EA	185 SCFM Air-Cooled Aftercooler.....	1,419.92	94.67
22 15 13 00-0069	EA	260 SCFM Air-Cooled Aftercooler.....	2,746.24	113.61
22 15 13 00-0070	EA	365 SCFM Air-Cooled Aftercooler.....	2,871.65	132.54
22 15 13 00-0071	EA	560 SCFM Air-Cooled Aftercooler.....	2,996.11	151.47
22 15 13 00-0072	EA	650 SCFM Air-Cooled Aftercooler.....	3,513.29	170.40
22 15 13 00-0073	EA	750 SCFM Air-Cooled Aftercooler.....	3,841.04	189.34
22 15 13 00-0074	EA	900 SCFM Air-Cooled Aftercooler.....	4,404.15	208.27
22 15 13 00-0075	EA	1,100 SCFM Air-Cooled Aftercooler.....	5,652.26	227.20
22 15 13 00-0076	EA	1,460 SCFM Air-Cooled Aftercooler.....	6,464.60	246.13
22 15 13 00-0077	EA	1,800 SCFM Air-Cooled Aftercooler.....	6,675.87	265.07
22 15 13 00-0078	EA	2,500 SCFM Air-Cooled Aftercooler.....	7,158.61	284.01

22 Plumbing
22 10 Plumbing Piping
22 15 General Service Compressed-Air Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0079			Compressed Air Coalescing Filters (22 15 13)		
22 15 13 00-0080			1.0 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0079)		
22 15 13 00-0081	EA		10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	174.55	27.48
22 15 13 00-0082	EA		20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	208.04	27.48
22 15 13 00-0083	EA		50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	227.26	31.71
22 15 13 00-0084	EA		75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	261.67	36.36
22 15 13 00-0085	EA		100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	305.15	40.17
22 15 13 00-0086	EA		140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	345.98	48.61
22 15 13 00-0087	EA		175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	439.41	52.84
22 15 13 00-0088	EA		250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	452.11	63.42
22 15 13 00-0089	EA		280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	580.49	84.55
22 15 13 00-0090	EA		350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	663.83	95.12
22 15 13 00-0091			0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0079)		
22 15 13 00-0092	EA		16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	212.82	27.48
22 15 13 00-0093	EA		30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	230.84	31.71
22 15 13 00-0094	EA		60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	265.02	36.36
22 15 13 00-0095	EA		100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	311.85	35.94
22 15 13 00-0096	EA		140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	353.63	48.61
22 15 13 00-0097	EA		180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	401.08	52.84
22 15 13 00-0098	EA		250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	460.73	63.42
22 15 13 00-0099	EA		280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	594.84	84.55
22 15 13 00-0100	EA		350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	682.96	95.12
22 15 13 00-0101			Compressed Air Storage Tanks (22 15 13)		
22 15 13 00-0102			Horizontal Compressed Air Storage Tanks (22 15 13 00-0101)		
22 15 13 00-0103	EA		12 Gallon Horizontal Compressed Air Storage Tank, ASME.....	288.61	60.59
22 15 13 00-0104	EA		15 Gallon Horizontal Compressed Air Storage Tank, ASME.....	378.33	66.26
22 15 13 00-0105	EA		20 Gallon Horizontal Compressed Air Storage Tank, ASME.....	400.50	69.67
22 15 13 00-0106	EA		30 Gallon Horizontal Compressed Air Storage Tank, ASME.....	454.25	75.73
22 15 13 00-0107	EA		60 Gallon Horizontal Compressed Air Storage Tank, ASME.....	595.14	102.24
22 15 13 00-0108	EA		80 Gallon Horizontal Compressed Air Storage Tank, ASME.....	712.18	113.61
22 15 13 00-0109	EA		120 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,044.08	132.54
22 15 13 00-0110	EA		200 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,527.44	151.47
22 15 13 00-0111	EA		240 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,697.86	160.94
22 15 13 00-0112	EA		325 Gallon Horizontal Compressed Air Storage Tank, ASME.....	2,414.67	170.40
22 15 13 00-0113	EA		400 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,164.90	198.80
22 15 13 00-0114	EA		660 Gallon Horizontal Compressed Air Storage Tank, ASME.....	4,521.24	236.67
22 15 13 00-0115			Vertical Compressed Air Storage Tanks (22 15 13 00-0101)		
22 15 13 00-0116	EA		10 Gallon Vertical Compressed Air Storage Tank, ASME.....	351.61	60.59
22 15 13 00-0117	EA		15 Gallon Vertical Compressed Air Storage Tank, ASME.....	370.65	66.26
22 15 13 00-0118	EA		20 Gallon Vertical Compressed Air Storage Tank, ASME.....	400.50	69.67
22 15 13 00-0119	EA		30 Gallon Vertical Compressed Air Storage Tank, ASME.....	469.46	75.73
22 15 13 00-0120	EA		60 Gallon Vertical Compressed Air Storage Tank, ASME.....	640.77	102.24
22 15 13 00-0121	EA		80 Gallon Vertical Compressed Air Storage Tank, ASME.....	734.15	113.61
22 15 13 00-0122	EA		120 Gallon Vertical Compressed Air Storage Tank, ASME.....	996.30	132.54
22 15 13 00-0123	EA		200 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,428.97	151.47
22 15 13 00-0124	EA		240 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,572.35	160.94
22 15 13 00-0125	EA		325 Gallon Vertical Compressed Air Storage Tank, ASME.....	2,107.44	170.40
22 15 13 00-0126	EA		400 Gallon Vertical Compressed Air Storage Tank, ASME.....	2,688.08	198.80
22 15 13 00-0127	EA		500 Gallon Vertical Compressed Air Storage Tank, ASME.....	3,478.68	217.74
22 15 13 00-0128	EA		660 Gallon Vertical Compressed Air Storage Tank, ASME.....	5,707.68	246.13
22 15 19			General Service Packaged Air Compressors And Receivers (22 15)		
			Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 13			General Service Packaged Reciprocating Air Compressors (22 15 19)		
22 15 19 13-0001			Single Stage Compressor (22 15 19 13)		
			Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.		
22 15 19 13-0002	EA		1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,495.96	268.71
22 15 19 13-0003	EA		3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,579.62	310.13
22 15 19 13-0004	EA		1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	1,809.51	366.25
22 15 19 13-0005	EA		2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	2,054.11	404.12
22 15 19 13-0006	EA		3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	2,474.47	426.84
22 15 19 13-0007	EA		3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	2,635.92	441.98
22 15 19 13-0008	EA		5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	2,964.98	505.15
22 15 19 13-0009	EA		5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	3,176.62	535.45
22 15 19 13-0010	EA		7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	3,790.84	606.18
22 15 19 13-0011			Two Stage Compressor (22 15 19 13)		
			Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.		
22 15 19 13-0012	EA		1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure.....	2,836.88	472.28
22 15 19 13-0013	EA		2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure.....	3,072.96	555.67

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

22 15 19 13-0014	EA	3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure.....	3,226.37	606.18
22 15 19 13-0015	EA	5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure.....	3,749.73	808.24
22 15 19 13-0016	EA	5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure.....	4,006.85	808.24
22 15 19 13-0017	EA	7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure.....	4,382.46	1,010.31
22 15 19 13-0018	EA	7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure.....	4,615.66	1,010.31
22 15 19 13-0019	EA	10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure.....	5,899.63	1,249.63
22 15 19 13-0020	EA	10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure.....	6,358.04	1,287.49
22 15 19 13-0021	EA	15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure.....	6,861.34	1,504.70
22 15 19 13-0022	EA	20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure.....	10,024.47	1,703.27
22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure.....	10,822.22	1,924.65
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure.....	12,051.50	2,127.16
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure.....	13,120.30	2,331.27

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

22 15 19 19-0001	Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)			
	Note: Oil flooded.			
22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated.....	4,767.36	674.72
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated.....	5,398.57	899.64
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	6,906.36	1,127.93
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	8,075.01	1,437.39
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	9,246.74	1,691.04
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	11,147.99	1,902.43
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	12,239.62	2,113.81
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	14,609.68	2,367.46
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	16,024.53	2,536.57
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	17,927.82	2,733.57
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	22,979.90	2,959.34
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	25,417.23	3,128.44
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	39,955.23	3,382.09
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	49,555.19	3,656.89
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	57,401.01	3,935.91
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated.....	74,209.09	4,227.62
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated.....	84,158.05	4,498.18

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

	Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.			
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	5,980.97	899.64
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	6,325.39	899.64
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	7,180.22	1,127.93
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	7,556.93	1,127.93
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	8,225.70	1,437.39
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	8,623.93	1,437.39
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	9,371.12	1,691.04
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	9,801.64	1,691.04
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	15,682.84	1,902.43
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	16,935.92	2,113.81
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	18,081.37	2,367.46

22 30 Plumbing Equipment (22)

22 31 Domestic Water Softeners (22 30)

22 31 16 Commercial Domestic Water Softeners (22 31)

22 31 16 00-0001	Commercial Water Softeners (Watts Pure Water) (22 31 16)			
22 31 16 00-0002	Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)			
22 31 16 00-0003	1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0002)			
	Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.			
22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11).....	2,689.51	213.96
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11).....	2,811.27	223.68

22 Plumbing
22 30 Plumbing Equipment
22 31 Domestic Water Softeners

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0006	EA		60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	3,032.01	233.41
22 31 16 00-0007	EA		90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	3,482.67	243.13
22 31 16 00-0008	EA		120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	3,710.01	252.86
22 31 16 00-0009			1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0010	EA		60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	4,003.31	233.41
22 31 16 00-0011	EA		90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	4,209.77	243.13
22 31 16 00-0012	EA		120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	4,438.21	252.86
22 31 16 00-0013	EA		150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	5,262.87	262.58
22 31 16 00-0014	EA		210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	5,844.41	272.31
22 31 16 00-0015	EA		300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	7,101.37	282.03
22 31 16 00-0016			2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0017	EA		90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	6,046.77	243.13
22 31 16 00-0018	EA		120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	6,267.51	252.86
22 31 16 00-0019	EA		150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	7,094.37	262.58
22 31 16 00-0020	EA		210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	7,675.91	272.31
22 31 16 00-0021	EA		300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	9,001.07	282.03
22 31 16 00-0022	EA		450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	11,848.61	291.76
22 31 16 00-0023	EA		600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	13,849.17	301.48
22 31 16 00-0024			3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025	EA		300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	14,527.47	282.03
22 31 16 00-0026	EA		450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	16,773.31	291.76
22 31 16 00-0027	EA		600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	18,747.47	301.48
22 31 16 00-0028	EA		900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	23,583.82	311.21
22 31 16 00-0029	EA		1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	26,106.87	320.94
22 31 16 00-0030			Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0001)		
22 31 16 00-0031			2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0030) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032	EA		90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	9,914.40	364.70
22 31 16 00-0033	EA		120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	10,353.87	379.28
22 31 16 00-0034	EA		150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	11,778.95	393.88
22 31 16 00-0035	EA		210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	12,871.82	408.46
22 31 16 00-0036	EA		300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	15,690.60	423.05
22 31 16 00-0037	EA		450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	20,751.18	437.64
22 31 16 00-0038	EA		600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	24,405.95	452.22
22 31 16 00-0039			3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0030) Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		

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

22 31 16 00-0040	EA	300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21).....	26,651.00	423.05
22 31 16 00-0041	EA	450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21).....	30,602.78	437.64
22 31 16 00-0042	EA	600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	34,379.65	452.22
22 31 16 00-0043	EA	900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21).....	43,713.72	466.81
22 31 16 00-0044	EA	1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21).....	48,795.21	481.40

22 31 16 00-0045 Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)

22 31 16 00-0046 1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0047	EA	30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	3,548.07	320.94
22 31 16 00-0048	EA	45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	3,781.84	335.52
22 31 16 00-0049	EA	60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	4,120.12	350.11
22 31 16 00-0050	EA	90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	4,928.10	364.70
22 31 16 00-0051	EA	120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	5,443.47	379.28

22 31 16 00-0052 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0053	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	6,862.42	350.11
22 31 16 00-0054	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	7,234.80	364.70
22 31 16 00-0055	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	7,783.17	379.28
22 31 16 00-0056	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	8,896.95	393.88
22 31 16 00-0057	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	10,027.22	408.46
22 31 16 00-0058	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	12,528.10	423.05

22 32 Domestic Water Filtration Equipment (22 30)

22 32 16 Domestic-Water Freestanding Cartridge Filters (22 32)

22 32 16 00-0001 Commercial Water Filters Housings (22 32 16)

22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings (22 32 16 00-0001)

22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings (22 32 16 00-0002)

22 32 16 00-0004	EA	25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1).....	1,402.30	137.39
22 32 16 00-0005	EA	30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1).....	1,433.33	147.97
22 32 16 00-0006	EA	60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2).....	1,525.97	158.54
22 32 16 00-0007	EA	90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3).....	1,686.81	169.10
22 32 16 00-0008	EA	120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4).....	1,739.85	179.67
22 32 16 00-0009	EA	150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4).....	2,097.58	190.25
22 32 16 00-0010	EA	250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3).....	5,755.33	200.81
22 32 16 00-0011	EA	300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4).....	6,686.16	211.38
22 32 16 00-0012	EA	500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3).....	8,469.50	221.95
22 32 16 00-0013	EA	600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4).....	9,389.33	232.52

22 32 16 00-0014 Commercial Water Filter Cartridges (22 32 16 00-0002)

22 32 16 00-0015 (Depth) Water Filter Cartridges (22 32 16 00-0014)

22 32 16 00-0016	EA	50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50).....	7.50	1.69
22 32 16 00-0017	EA	20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20).....	7.50	1.69
22 32 16 00-0018	EA	10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10).....	7.50	1.69
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5).....	6.40	1.69
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1).....	7.78	1.69
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50).....	7.78	1.69

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

22 32 16 00-0022	EA		20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20)	8.33	1.69
22 32 16 00-0023	EA		5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5)	10.26	1.69
22 32 16 00-0024	EA		1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1)	8.33	1.69
22 32 16 00-0025	EA		50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50)	9.70	1.69
22 32 16 00-0026	EA		20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20)	9.70	1.69
22 32 16 00-0027	EA		5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5)	9.70	1.69
22 32 16 00-0028	EA		1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1)	10.53	1.69
22 32 16 00-0029	EA		50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50)	13.56	1.69
22 32 16 00-0030	EA		20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20)	12.46	1.69
22 32 16 00-0031	EA		5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5)	12.46	1.69
22 32 16 00-0032	EA		1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1)	13.56	1.69

22 32 16 00-0033 Pleated Water Filter Cartridges (22 32 16 00-0014)

22 32 16 00-0034	EA		50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50)	12.73	1.69
22 32 16 00-0035	EA		20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20)	12.73	1.69
22 32 16 00-0036	EA		5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5)	13.00	1.69
22 32 16 00-0037	EA		1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1)	13.83	1.69
22 32 16 00-0038	EA		1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB)	20.43	1.69
22 32 16 00-0039	EA		50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50)	19.60	1.69
22 32 16 00-0040	EA		20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20)	19.60	1.69
22 32 16 00-0041	EA		5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5)	19.60	1.69
22 32 16 00-0042	EA		1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1)	25.66	1.69
22 32 16 00-0043	EA		1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB)	36.10	1.69
22 32 16 00-0044	EA		50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50)	30.33	1.69
22 32 16 00-0045	EA		20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20)	41.88	1.69
22 32 16 00-0046	EA		5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5)	43.53	1.69
22 32 16 00-0047	EA		1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1)	49.03	1.69

22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings (22 32 16 00-0001)

22 32 16 00-0049	Commercial Non-Metallic Water Filter Housings (22 32 16 00-0048)				
22 32 16 00-0050	EA		150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG)	1,112.20	126.83

22 32 16 00-0051 Commercial Water Filter Cartridges (22 32 16 00-0048)

22 32 16 00-0052	Carbon Water Filter Cartridges (22 32 16 00-0051)				
22 32 16 00-0053	EA		Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5)	346.03	1.69

22 32 16 00-0054 (Depth) Water Filter Cartridges (22 32 16 00-0051)

22 32 16 00-0055	EA		50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50)	72.40	1.69
22 32 16 00-0056	EA		20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20)	71.86	1.69
22 32 16 00-0057	EA		5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5)	71.86	1.69
22 32 16 00-0058	EA		1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1)	82.30	1.69

22 32 16 00-0059 Pleated Water Filter Cartridges (22 32 16 00-0051)

22 32 16 00-0060	EA		150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150)	190.38	1.69
22 32 16 00-0061	EA		50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50)	178.83	1.69
22 32 16 00-0062	EA		20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20)	194.78	1.69
22 32 16 00-0063	EA		5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5)	204.13	1.69
22 32 16 00-0064	EA		1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1)	217.33	1.69
22 32 16 00-0065	EA		1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB)	235.48	1.69

22 33 Electric Domestic Water Heaters (22 30)

22 33 13 Instantaneous Electric Domestic Water Heaters (22 33)

22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)

22 33 13 13-0001	Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 13)				
22 33 13 13-0002	EA		3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95)	265.47	42.26
22 33 13 13-0003	EA		7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P)	331.51	42.26

22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)

22 33 13 16-0001	Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 16)				
			Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA		3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T)	357.89	63.39
22 33 13 16-0003	EA		12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12)	436.81	84.52
22 33 13 16-0004	EA		17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115)	742.34	147.91
22 33 13 16-0005	EA		26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125)	1,096.96	169.04

MINOR	CSI	UOM	DESCRIPTION			TOTAL DIRECT	DEMOLITION		
						UNIT COST	UNIT COST		

22 33 13 16-0006	EA		12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus).....	692.81			84.52		
22 33 13 16-0007	EA		14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus).....	954.95			126.78		
22 33 13 16-0008	EA		19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus).....	1,073.79			169.04		
22 33 13 16-0009	EA		24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus).....	1,110.12			169.04		
22 33 13 16-0010	EA		28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus).....	1,144.43			169.04		
22 33 13 16-0011	EA		36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus).....	1,194.89			169.04		

22 33 30 Residential, Electric Domestic Water Heaters (22 33)
22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters (22 33 30)
22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30)

<small>13)</small> Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.									
22 33 30 13-0002	EA		2 Gallon, Small-Capacity, Electric Domestic Water Heater.....	532.61			133.12		
22 33 30 13-0003	EA		10 Gallon, Small-Capacity, Electric Domestic Water Heater.....	638.32			141.57		
22 33 30 13-0004	EA		20 Gallon, Small-Capacity, Electric Domestic Water Heater.....	739.81			147.91		

22 33 30 16 Residential, Storage Electric Domestic Water Heaters (22 33 30)
22 33 30 16-0001 Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.									
22 33 30 16-0002	EA		30 Gallon, Electric Domestic Water Heater.....	783.22			147.91		
22 33 30 16-0003	EA		40 Gallon, Electric Domestic Water Heater.....	746.04			152.14		
22 33 30 16-0004	EA		50 Gallon, Electric Domestic Water Heater.....	738.95			156.36		
22 33 30 16-0005	EA		55 Gallon, Electric Domestic Water Heater.....	813.40			158.48		
22 33 30 16-0006	EA		66 Gallon, Electric Domestic Water Heater.....	1,133.51			162.71		
22 33 30 16-0007	EA		80 Gallon, Electric Domestic Water Heater.....	1,157.29			169.04		
22 33 30 16-0008	EA		120 Gallon, Electric Domestic Water Heater.....	1,507.19			179.61		

22 33 30 16-0009 Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) (22 33 30 16)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.									
22 33 30 16-0010	EA		30 Gallon, Low-Boy, Electric Domestic Water Heater.....	833.06			147.91		
22 33 30 16-0011	EA		40 Gallon, Low-Boy, Electric Domestic Water Heater.....	801.55			152.14		
22 33 30 16-0012	EA		50 Gallon, Low-Boy, Electric Domestic Water Heater.....	845.52			156.36		

22 33 30 16-0013 High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservaionist) (22 33 30 16)

Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.									
22 33 30 16-0014	EA		40 Gallon, High Efficiency, Electric Domestic Water Heater.....	859.77			152.14		
22 33 30 16-0015	EA		50 Gallon, High Efficiency, Electric Domestic Water Heater.....	932.11			156.36		
22 33 30 16-0016	EA		66 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,125.69			162.71		
22 33 30 16-0017	EA		80 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,218.29			169.04		

22 33 30 16-0018 Water Heater Accessories (22 33 30 16)

22 33 30 16-0019	EA		2 Gallon, Expansion Pressure Tank For Water Heaters.....	63.58			8.45		
22 33 30 16-0020	EA		4.4 Gallon, Expansion Pressure Tank For Water Heaters.....	73.99			8.45		
22 33 30 16-0021	EA		7.6 Gallon, Expansion Pressure Tank For Water Heaters.....	138.34			8.45		
22 33 30 16-0022	EA		14 Gallon, Expansion Pressure Tank For Water Heaters.....	183.62			8.45		
22 33 30 16-0023	EA		20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan.....	41.49			6.34		
22 33 30 16-0024	EA		22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan.....	44.96			6.34		
22 33 30 16-0025	EA		24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan.....	47.27			6.34		
22 33 30 16-0026	EA		26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan.....	55.37			6.34		
22 33 30 16-0027	EA		22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	24.08			6.34		
22 33 30 16-0028	EA		24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	25.93			6.34		
22 33 30 16-0029	EA		26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	28.53			6.34		
22 33 30 16-0030	EA		28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan.....	31.88			6.34		

22 33 33 Light-Commercial Electric Domestic Water Heaters (22 33)
22 33 33 00-0001 Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) (22 33 33)

Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.									
22 33 33 00-0002	EA		3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3).....	3,728.51			147.91		
22 33 33 00-0003	EA		3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3).....	3,868.62			147.91		
22 33 33 00-0004	EA		6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6).....	4,096.30			147.91		
22 33 33 00-0005	EA		3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3).....	4,074.34			169.04		
22 33 33 00-0006	EA		6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6).....	4,254.15			169.04		
22 33 33 00-0007	EA		9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9).....	4,618.44			169.04		
22 33 33 00-0008	EA		12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12).....	4,692.00			169.04		
22 33 33 00-0009	EA		15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15).....	4,924.35			169.04		
22 33 33 00-0010	EA		18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18).....	5,060.96			169.04		

22 Plumbing
22 30 Plumbing Equipment
22 33 Electric Domestic Water Heaters

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 33 33 00-0011	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	4,430.46	169.04
22 33 33 00-0012	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	4,652.30	169.04
22 33 33 00-0013	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	4,985.07	169.04
22 33 33 00-0014	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	4,996.75	169.04
22 33 33 00-0015	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	5,227.93	169.04
22 33 33 00-0016	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	6,578.84	169.04
22 33 33 00-0017	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	4,843.08	211.30
22 33 33 00-0018	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	5,069.59	211.30
22 33 33 00-0019	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	5,273.92	211.30
22 33 33 00-0020	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	5,431.55	211.30
22 33 33 00-0021	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	6,784.79	211.30
22 33 33 00-0022	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	7,332.40	211.30
22 33 33 00-0023	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	7,901.02	211.30
22 33 33 00-0024	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	5,726.23	253.56
22 33 33 00-0025	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	5,910.71	253.56
22 33 33 00-0026	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	5,988.94	253.56
22 33 33 00-0027	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	6,059.00	253.56
22 33 33 00-0028	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	7,820.91	253.56
22 33 33 00-0029	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	8,259.93	253.56
22 33 33 00-0030	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	8,487.61	253.56
22 33 33 00-0031	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	9,952.95	253.56
22 33 33 00-0032	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	10,110.57	253.56
22 33 33 00-0033	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	12,065.13	253.56
22 33 33 00-0034	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	14,296.42	253.56
22 33 33 00-0035	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	17,594.89	253.56
22 33 33 00-0036	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	6,467.40	338.08
22 33 33 00-0037	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	6,625.02	338.08
22 33 33 00-0038	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	6,712.59	338.08
22 33 33 00-0039	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	6,803.67	338.08
22 33 33 00-0040	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	8,534.05	338.08
22 33 33 00-0041	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	8,960.22	338.08
22 33 33 00-0042	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	11,521.94	338.08
22 33 33 00-0043	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	10,594.86	338.08
22 33 33 00-0044	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	10,768.84	338.08
22 33 33 00-0045	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	11,342.13	338.08
22 33 33 00-0046	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	15,177.69	338.08
22 33 33 00-0047	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	18,446.97	338.08
22 33 33 00-0048	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	7,188.26	380.34
22 33 33 00-0049	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	7,299.18	380.34
22 33 33 00-0050	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	7,340.05	380.34
22 33 33 00-0051	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	8,998.04	380.34
22 33 33 00-0052	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	9,418.38	380.34
22 33 33 00-0053	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	9,657.73	380.34
22 33 33 00-0054	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	11,047.18	380.34
22 33 33 00-0055	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	11,181.45	380.34
22 33 33 00-0056	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	11,572.60	380.34
22 33 33 00-0057	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	15,367.30	380.34
22 33 33 00-0058	EA	90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90)	18,566.52	380.34
22 33 33 00-0059	EA	15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15)	8,037.56	422.60
22 33 33 00-0060	EA	18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18)	8,201.02	422.60
22 33 33 00-0061	EA	24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24)	9,473.71	422.60
22 33 33 00-0062	EA	30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30)	9,905.72	422.60
22 33 33 00-0063	EA	36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36)	10,115.89	422.60
22 33 33 00-0064	EA	45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45)	11,540.36	422.60
22 33 33 00-0065	EA	54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54)	11,692.15	422.60
22 33 33 00-0066	EA	60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60)	13,566.14	422.60
22 33 33 00-0067	EA	75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75)	15,708.69	422.60
22 33 33 00-0068	EA	90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90)	18,954.62	422.60
22 33 33 00-0069	EA	15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15)	8,924.67	507.12
22 33 33 00-0070	EA	18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18)	9,152.35	507.12
22 33 33 00-0071	EA	24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24)	10,022.22	507.12
22 33 33 00-0072	EA	30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30)	10,454.23	507.12
22 33 33 00-0073	EA	36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36)	10,681.91	507.12
22 33 33 00-0074	EA	45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45)	11,995.46	507.12
22 33 33 00-0075	EA	54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54)	12,129.73	507.12
22 33 33 00-0076	EA	60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60)	14,336.50	507.12
22 33 33 00-0077	EA	75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75)	17,109.55	507.12
22 33 33 00-0078	EA	90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90)	19,409.72	507.12

22 33 33 00-0079 Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) (22 33 33)

Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.

22 33 33 00-0080	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	858.54	147.91
22 33 33 00-0081	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	894.74	147.91
22 33 33 00-0082	EA	Up To 6 KW, 15 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-15S)	973.20	169.04
22 33 33 00-0083	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,017.56	169.04
22 33 33 00-0084	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	1,801.02	169.04
22 33 33 00-0085	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	2,008.14	211.30
22 33 33 00-0086	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	2,264.30	253.56
22 33 33 00-0087	EA	Up To 12 KW, 30 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-30D)	1,794.47	211.30
22 33 33 00-0088	EA	Up To 12 KW, 40 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-40D)	1,934.58	211.30
22 33 33 00-0089	EA	Up To 12 KW, 50 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-50D)	2,200.08	253.56
22 33 33 00-0090	EA	Up To 12 KW, 66 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-66D)	2,602.64	338.08
22 33 33 00-0091	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	2,897.33	380.34

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

22 33 33 00-0092	EA		Up To 12 KW, 119 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-120D).....	4,003.24	507.12
22 33 33 00-0093 Removal And Reinstallation Of Water Heater (22 33 33)					
Note: Includes storage and cleaning.					
22 33 33 00-0094	EA		Remove And Reinstall Water Heater Electric, Up To 82 Gallon	281.74	
22 33 33 00-0095	EA		Remove And Reinstall Water Heater Electric, 83 Gallon To 200 Gallon.....	845.20	
22 34 Fuel-Fired Domestic Water Heaters (22 30)					
22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34)					
22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)					
22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)					
Note: Includes vent connection. Excludes vent.					
22 34 13 00-0003	EA		4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN)	1,072.42	169.04
22 34 13 00-0004	EA		5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN)	1,153.58	171.15
22 34 13 00-0005	EA		5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN).....	1,259.95	175.38
22 34 13 00-0006	EA		6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN).....	1,457.12	179.61
22 34 13 00-0007	EA		7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN)	1,752.51	190.17
22 34 13 00-0008	EA		7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN).....	1,787.48	190.17
22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)					
22 34 13 00-0010	EA		5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	1,149.36	169.04
22 34 13 00-0011	EA		7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	1,752.51	190.17
22 34 30 Residential Gas Domestic Water Heaters (22 34)					
22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)					
22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 13)					
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 30 13-0002	EA		30 Gallon, Atmospheric, Gas Domestic Water Heater.....	824.90	162.71
22 34 30 13-0003	EA		40 Gallon, Atmospheric, Gas Domestic Water Heater.....	814.49	166.92
22 34 30 13-0004	EA		50 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,052.72	171.15
22 34 30 13-0005	EA		65 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,133.39	175.38
22 34 30 13-0006	EA		75 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,230.60	179.61
22 34 30 13-0007	EA		100 Gallon, Atmospheric, Gas Domestic Water Heater.....	1,774.65	190.17
22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)					
22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 16)					
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 30 16-0002	EA		40 Gallon, Direct-Vent, Gas Domestic Water Heater.....	1,430.21	166.92
22 34 30 16-0003	EA		50 Gallon, Direct-Vent, Gas Domestic Water Heater.....	1,618.88	171.15
22 34 30 16-0004	EA		75 Gallon, Direct-Vent, Gas Domestic Water Heater.....	2,077.22	175.38
22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)					
22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 19)					
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 30 19-0002	EA		40 Gallon, Power-Vent, Gas Domestic Water Heater.....	1,308.49	166.92
22 34 30 19-0003	EA		50 Gallon, Power-Vent, Gas Domestic Water Heater.....	1,361.33	171.15
22 34 36 Commercial Gas Domestic Water Heaters (22 34)					
22 34 36 00-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (22 34 36)					
Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 36 00-0002	EA		120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	4,728.02	253.56
22 34 36 00-0003	EA		154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	5,953.23	295.82
22 34 36 00-0004	EA		180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	6,216.11	338.08
22 34 36 00-0005	EA		199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	6,239.05	338.08
22 34 36 00-0006	EA		199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	6,382.20	338.08
22 34 36 00-0007	EA		199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A).....	7,912.47	371.89
22 34 36 00-0008	EA		250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	7,069.12	380.34
22 34 36 00-0009	EA		250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A).....	8,521.59	418.37
22 34 36 00-0010	EA		251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	6,690.61	380.34
22 34 36 00-0011	EA		251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A).....	8,148.70	418.37
22 34 36 00-0012	EA		275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	7,426.84	464.86

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 34 36 00-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A).....	8,931.21	511.35
22 34 36 00-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	7,553.59	464.86
22 34 36 00-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A).....	8,982.13	511.35
22 34 36 00-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	8,452.36	507.12
22 34 36 00-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A).....	9,913.10	557.83
22 34 36 00-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	10,190.18	507.12
22 34 36 00-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A).....	11,782.71	557.83
22 34 36 00-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	11,421.70	549.38
22 34 36 00-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	5,684.26	295.82
22 34 36 00-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A).....	6,844.54	325.40
22 34 36 00-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	5,912.16	338.08
22 34 36 00-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A).....	7,121.04	371.89
22 34 36 00-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200.....	910.02	211.30
22 34 36 00-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	1,061.42	211.30

22 34 36 00-0027 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith**BTN)** (22 34 36)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0028	EA	80 MBH Input, 74 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-80)	3,001.79	253.56
22 34 36 00-0029	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	3,460.59	253.56
22 34 36 00-0030	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	5,118.00	253.56
22 34 36 00-0031	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	6,286.44	295.82
22 34 36 00-0032	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	6,537.27	338.08
22 34 36 00-0033	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	6,577.42	338.08
22 34 36 00-0034	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	6,726.53	338.08
22 34 36 00-0035	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	7,906.74	371.89
22 34 36 00-0036	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	7,430.43	380.34
22 34 36 00-0037	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	9,140.97	418.37
22 34 36 00-0038	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	7,800.19	464.86
22 34 36 00-0039	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	9,544.85	511.35
22 34 36 00-0040	EA	310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310)	7,975.68	464.86
22 34 36 00-0041	EA	310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	9,648.08	511.35
22 34 36 00-0042	EA	366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366)	8,957.16	507.12
22 34 36 00-0043	EA	366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	10,495.78	557.83
22 34 36 00-0044	EA	390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400)	10,884.12	507.12
22 34 36 00-0045	EA	390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	12,465.18	557.83

22 34 36 00-0046 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And**BTH)** (22 34 36)

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 00-0047	EA	76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	2,732.24	253.56
22 34 36 00-0048	EA	100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	3,718.66	253.56
22 34 36 00-0049	EA	120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	5,215.50	253.56
22 34 36 00-0050	EA	120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	6,596.73	278.92
22 34 36 00-0051	EA	150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	7,003.31	295.82
22 34 36 00-0052	EA	150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	8,542.10	325.40
22 34 36 00-0053	EA	199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	7,240.38	338.08
22 34 36 00-0054	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	8,801.40	371.89
22 34 36 00-0055	EA	250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	8,187.45	380.34
22 34 36 00-0056	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	9,662.86	418.37
22 34 36 00-0057	EA	300 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	12,142.81	511.35
22 34 36 00-0058	EA	399.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	13,916.13	557.83
22 34 36 00-0059	EA	499.9 MBH Input, 130 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	16,027.81	604.32

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

22 34 36 00-0060			Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0061	EA		1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	25,469.35	976.14
22 34 36 00-0062	EA		1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	35,987.94	1,078.90
22 34 36 00-0063	EA		2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	39,052.08	1,130.27
22 34 36 00-0064	EA		2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	42,297.31	1,233.03

22 34 36 00-0065			Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0066	EA		1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	22,581.86	976.14
22 34 36 00-0067	EA		1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	24,947.04	1,078.90
22 34 36 00-0068	EA		2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	27,274.69	1,130.27
22 34 36 00-0069	EA		2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	29,633.24	1,233.03

22 34 36 00-0070			Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0071	EA		200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	5,790.36	462.39
22 34 36 00-0072	EA		300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	6,370.06	513.76
22 34 36 00-0073	EA		400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	7,480.88	616.51
22 34 36 00-0074	EA		500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,558.83	642.20
22 34 36 00-0075	EA		750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	11,630.44	770.64
22 34 36 00-0076	EA		1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	14,344.53	924.77
22 34 36 00-0077	EA		1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,308.90	976.14
22 34 36 00-0078	EA		1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	18,078.37	1,053.21
22 34 36 00-0079	EA		1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	19,735.77	1,104.59
22 34 36 00-0080	EA		2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	21,183.92	1,130.27

22 34 36 00-0081			Patterson Kelly Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0082	EA		700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	18,968.95	770.64
22 34 36 00-0083	EA		1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	20,880.29	924.77
22 34 36 00-0084	EA		1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	27,933.36	1,053.21
22 34 36 00-0085	EA		1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	28,775.85	1,104.59
22 34 36 00-0086	EA		2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Thermific).....	30,124.63	1,130.27

22 34 36 00-0087			Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36)</small>		
22 34 36 00-0088	EA		1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	24,065.91	924.77
22 34 36 00-0089	EA		1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	29,114.85	1,053.21
22 34 36 00-0090	EA		2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelly Modufire)	30,896.46	1,130.27

22 34 36 00-0091			Laars Mighty Therm Volume Water Heater <small>(22 34 36)</small>		
22 34 36 00-0092	EA		200 MBH Gas Fired Volume Water Heater (Laars MT2V0200).....	6,209.50	622.75
22 34 36 00-0093	EA		300 MBH Gas Fired Volume Water Heater (Laars MT2V0300).....	6,748.00	700.59
22 34 36 00-0094	EA		400 MBH Gas Fired Volume Water Heater (Laars MT2V0400).....	7,833.43	856.27
22 34 36 00-0095	EA		500 MBH Gas Fired Volume Water Heater (Laars MT2V0500).....	11,276.74	934.11
22 34 36 00-0096	EA		750 MBH Gas Fired Volume Water Heater (Laars MT2V0750).....	12,430.51	1,089.80
22 34 36 00-0097	EA		1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000).....	14,218.47	1,245.48
22 34 36 00-0098	EA		1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250).....	15,718.26	1,401.16
22 34 36 00-0099	EA		1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500).....	18,739.87	1,556.85
22 34 36 00-0100	EA		1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750).....	19,454.00	1,634.69
22 34 36 00-0101	EA		2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000).....	20,851.74	1,712.54

22 34 36 00-0102			Laars Mighty Therm Gas Fired Domestic Hot Water Skid Package <small>(22 34 36)</small>		
Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.					
22 34 36 00-0103	EA		400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	47,992.24	1,033.20
22 34 36 00-0104	EA		1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	57,988.13	1,097.77
22 34 36 00-0105	EA		2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	70,414.49	1,162.35
22 34 36 00-0106	EA		3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	84,135.49	1,226.92
22 34 36 00-0107	EA		4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	88,189.27	1,291.49

22 34 36 00-0108			Removal And Reinstallation Of Water Heater <small>(22 34 36)</small>		
Note: Includes storage and cleaning.					
22 34 36 00-0109	EA		Remove And Reinstall Water Heater Gas Fired, Up To 86 Gallon	384.18	
22 34 36 00-0110	EA		Remove And Reinstall Water Heater Gas Fired, 87 Gallon To 200 Gallon.....	1,015.86	

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
22 34 46 Oil-Fired Domestic Water Heaters (22 34)**22 34 46 00-0001****Oil-Fired Domestic Water Heaters (Bock) (22 34 46)**
 Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection.
 Excludes vent.

22 34 46 00-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	1,665.89	162.71
22 34 46 00-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	1,642.34	162.71
22 34 46 00-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	1,760.77	162.71
22 34 46 00-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	1,816.60	166.92
22 34 46 00-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,289.78	171.15
22 34 46 00-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	1,957.66	171.15

22 34 46 00-0008**Oil Fired Commercial Water Heaters (22 34 46)**
 Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection.
 Excludes vent.

22 34 46 00-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Boch 71E)	2,705.09	253.56
22 34 46 00-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 72E)	3,036.52	253.56
22 34 46 00-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Boch 73E)	3,216.51	253.56
22 34 46 00-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	4,645.52	338.08
22 34 46 00-0013	EA	277 MBH, 109 Gallon, Oil-Fired Commercial Water Heater (Bock 241E)	5,350.55	380.34
22 34 46 00-0014	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	6,391.88	422.60
22 34 46 00-0015	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	8,077.40	464.86

22 35 Domestic Water Heat Exchangers (22 30)**22 35 23 Circulating, Domestic Water heat Exchangers (22 35)****22 35 23 00-0001****Steam Driven Water Heaters (22 35 23)****22 35 23 00-0002****Constant Flow (22 35 23 00-0001)**

22 35 23 00-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	4,264.17	422.60
22 35 23 00-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	5,323.35	517.85
22 35 23 00-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	6,824.84	677.25
22 35 23 00-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	9,242.01	943.33
22 35 23 00-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	13,678.43	1,553.65
22 35 23 00-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	14,924.40	1,760.80
22 35 23 00-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	19,513.52	2,031.69
22 35 23 00-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	23,468.00	2,401.13

22 35 23 00-0011**Variable Flow (22 35 23 00-0001)**

22 35 23 00-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	6,471.72	824.07
22 35 23 00-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	7,353.36	1,006.21
22 35 23 00-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	9,384.71	1,301.10
22 35 23 00-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	12,335.10	1,815.32
22 35 23 00-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	18,491.02	3,035.96
22 35 23 00-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	22,413.97	3,343.35
22 35 23 00-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	25,974.19	3,912.94
22 35 23 00-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	32,820.31	4,674.80

22 40 Plumbing Fixtures (22)

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures (22 40)**22 41 39 Residential Faucets, Supplies, And Trim (22 41)****22 41 39 00-0001****Kitchen Faucets (22 41 39)**

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100WF)	127.95	38.90
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400WF)	145.91	38.90
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300WF)	145.91	38.90
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8" Center (Delta 2102-LHP+H215)	140.95	38.90
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402-LHP+H215)	150.60	38.90

22 41 39 00-0007**Lavatory Faucets (22 41 39)**

22 41 39 00-0008	EA	Chrome Single Acrylic Handle Bath Faucet (Delta 502WF)	114.51	28.00
		For Faucet With Brass Pop-Up, Add	11.00	
22 41 39 00-0009	EA	Chrome Single Lever Handle Bath Faucet (Delta 500WF)	114.51	28.00
		For Faucet With Brass Pop-Up, Add	11.00	
22 41 39 00-0010	EA	Chrome Two Handle Bath Faucet With Acrylic Handles (Delta 2502)	84.97	28.00
		For Faucet With Brass Pop-Up, Add	16.50	
		For Faucet With Plastic Pop-Up, Add	14.00	

22 41 39 00-0011**Bath And Shower Faucets (22 41 39)**

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	148.22	33.76
		For Faucet With Polished Nickel Or Brass Finish, Add	25.00	

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

22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502).....	172.79	33.76
		For Faucet With Polished Nickel Or Brass Finish, Add	25.00	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower Only, Ceramic Valving (American Standard 3275.301).....	122.39	33.76
		For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
		For Faucet With Lever Handles, Add	8.10	
22 41 39 00-0015	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3275.302).....	137.51	33.76
		For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
		For Faucet With Lever Handles, Add	8.10	
22 41 39 00-0016	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard 3375.302).....	150.74	33.76
		For Faucet With Polished Nickel Or Brass Finish, Add	75.00	
		For Faucet With Lever Handles, Add	8.10	
22 41 39 00-0017	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602).....	165.11	21.13

22 41 39 00-0018 Laundry Faucets (22 41 39)

22 41 39 00-0019	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123).....	99.57	24.85
------------------	----	--	-------	-------

22 41 39 00-0020 Laundry/Wash Basin Faucets (22 41 39)

22 41 39 00-0021	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121).....	100.31	24.85
22 41 39 00-0022	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121+RP25695).....	140.62	27.39

22 41 39 00-0023 Other Faucets (22 41 39)

22 41 39 00-0024	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose.....	22.38	6.34
------------------	----	--	-------	------

22 42 Commercial Plumbing Fixtures (22 40)

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, And Bidets (22 42)

22 42 13 00-0001 Vitreous China Water Closets (22 42 13)

Note: With a 2" ball pass.

22 42 13 00-0002 Floor Mounted Elongated Vitreous China Water Closets (22 42 13 00-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 00-0003	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™).....	505.01	80.91
22 42 13 00-0004	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Colorado).....	499.03	80.91
22 42 13 00-0005	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo®).....	620.68	80.91
22 42 13 00-0006	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™).....	831.42	80.91
22 42 13 00-0007	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet™).....	733.69	80.91
22 42 13 00-0008	EA	1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E).....	539.13	80.91

22 42 13 00-0009 Wall Hung Elongated Vitreous China Water Closets (22 42 13 00-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 00-0010	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Aftwall®).....	580.48	99.59
22 42 13 00-0011	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Aftwall® ADA Retrofit).....	747.34	99.59
22 42 13 00-0012	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™).....	976.03	99.59
22 42 13 00-0013	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV).....	656.06	99.59
22 42 13 00-0014	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL).....	536.99	99.59
22 42 13 00-0015	EA	Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2059-A).....	569.24	99.59

22 42 13 00-0016 Floor Mounted Elongated Handicapped Water Closets (22 42 13 00-0001)

Note: Includes wax seal and toilet seat. Excludes flush valve.

22 42 13 00-0017	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA).....	513.26	80.91
22 42 13 00-0018	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®).....	527.88	80.91
22 42 13 00-0019	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®).....	592.37	80.91
22 42 13 00-0020	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron).....	672.14	80.91
22 42 13 00-0021	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA).....	668.82	80.91
22 42 13 00-0022	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA).....	923.43	80.91
22 42 13 00-0023	EA	2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA).....	763.88	80.91
22 42 13 00-0024	EA	Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN).....	578.94	80.91

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0025	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL).....	545.38	80.91
22 42 13 00-0026			Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets <small>(22 42 13 00-0001)</small> Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 00-0027	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™).....	545.42	80.91
22 42 13 00-0028	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	520.56	80.91
22 42 13 00-0029	EA		2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	624.28	80.91
22 42 13 00-0030			Water Closet Flush Valves <small>(22 42 13 00-0001)</small>		
22 42 13 00-0031	EA		Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL).....	179.29	26.53
22 42 13 00-0032	EA		Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6).....	174.18	26.53
22 42 13 00-0033	EA		Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111).....	200.12	26.53
22 42 13 00-0034	EA		Concealed Manual Water Closet Flush Valve, Back Spud (Sloan Royal-140).....	275.53	26.53
22 42 13 00-0035	EA		Concealed Manual Water Closet Flush Valve, Top Spud (Sloan Royal-142).....	304.78	26.53
22 42 13 00-0036	EA		Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S).....	544.95	26.53
22 42 13 00-0037	EA		Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S).....	549.49	26.53
22 42 13 00-0038	EA		Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	579.00	26.53
22 42 13 00-0039	EA		Dual Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	539.38	26.53
22 42 13 00-0040	EA		Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima 40118X).....	245.69	15.56
			Note: "Green", 1.6 Gallons per flush. Includes instructional placards on proper operation.		
22 42 13 00-0041	EA		Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	483.08	26.53
22 42 13 00-0042	EA		Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89AM).....	268.78	26.53
22 42 13 00-0043	EA		Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	237.15	26.53
22 42 13 00-0044	EA		Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A).....	235.28	23.34
22 42 13 00-0045	EA		Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X).....	255.16	23.34
22 42 13 00-0046	EA		Exposed Infrared Water Closet Flush Valve 1.28 GPF (Toto EcoPower TET1LN).....	552.58	26.53
22 42 13 00-0047	EA		Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32).....	604.01	26.53
22 42 13 00-0048	EA		Concealed Infrared Water Closet Flush Valve, Back Spud 1.28 GPF (Toto EcoPower TET2LN31 Or TET3LN31).....	768.06	26.53
22 42 13 00-0049	EA		Concealed Infrared Water Closet Flush Valve, Top Spud 1.28 GPF (Toto EcoPower TET2LN32 Or TET3LN32).....	768.06	26.53
22 42 13 00-0050	EA		Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS).....	501.58	26.53
22 42 13 00-0051	EA		Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV).....	497.25	26.53
22 42 13 00-0052	EA		Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A).....	246.51	23.34
22 42 13 00-0053	EA		6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451).....	77.75	4.31
22 42 13 00-0054	EA		Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28).....	507.37	26.53
22 42 13 00-0055	EA		Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET).....	192.03	26.53
22 42 13 00-0056	EA		Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET).....	514.49	26.53
22 42 13 00-0057			Vitreous China Urinals <small>(22 42 13)</small> Note: Excludes flush valve unless indicated otherwise.		
22 42 13 00-0058			Wall Hung Urinals <small>(22 42 13 00-0057)</small>		
22 42 13 00-0059	EA		Washout, Wall Hung, Vitreous China Urinal (American Standard Maybrook™).....	462.70	83.25
22 42 13 00-0060	EA		Washout, Wall Hung, Vitreous China Urinal (American Standard Decorum™).....	483.97	83.25
22 42 13 00-0061	EA		Washout, Wall Hung, Vitreous China Urinal With Top Spud (American Standard Washbrook®).....	585.02	83.25
22 42 13 00-0062	EA		Blowout, Wall Hung, Vitreous China Urinal (American Standard Lynbrook™).....	648.17	83.25
22 42 13 00-0063	EA		Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Trimbrook™).....	583.02	83.25
22 42 13 00-0064	EA		Siphon Jet, Wall Hung, Vitreous China Urinal (American Standard Allbrook™).....	479.66	83.25
22 42 13 00-0065	EA		Washout, Wall Hung, Vitreous China Urinal (Toto® UT447E Or UT447EV).....	601.00	83.25
22 42 13 00-0066	EA		Washout, Wall Hung, Vitreous China Urinal (Toto® UT104E Or UT104EV).....	502.14	83.25
22 42 13 00-0067	EA		Washout, Wall Hung, Vitreous China Urinal (Zurn Z5798).....	550.17	83.25
22 42 13 00-0068	EA		0.125 To 0.5 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1009-A).....	495.07	83.25
22 42 13 00-0069	EA		1.0 GPF, HEU, Washout, Wall Hung, Vitreous China Urinal (Sloan SU-1006-A).....	492.98	83.25
22 42 13 00-0070			Floor Mounted Urinals <small>(22 42 13 00-0057)</small>		
22 42 13 00-0071	EA		Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™).....	815.96	105.03
22 42 13 00-0072			Urinal Flush Valves <small>(22 42 13 00-0057)</small>		
22 42 13 00-0073	EA		Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Sloan Regal 186 XL)..... Note: 0.5, 1.0 or 1.5 GPF.	168.23	26.53
22 42 13 00-0074	EA		Exposed Manual Urinal Flush Valve, 1-1/4" Top Spud (Sloan Regal 180)..... Note: 1.0, 1.5 or 3.5 GPF.	180.72	26.53
22 42 13 00-0075	EA		Concealed Manual Urinal Flush Valve, Back Spud (Sloan Royal 195)..... Note: 1.0 or 1.5 GPF.	240.37	26.53
22 42 13 00-0076	EA		Concealed Manual Urinal Flush Valve, Top Spud (Sloan Royal 197)..... Note: 1.0 or 1.5 GPF.	289.51	26.53
22 42 13 00-0077	EA		Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S)..... Note: 1.0 or 1.5 GPF.	451.49	26.53
22 42 13 00-0078	EA		Concealed Infrared Urinal Flush Valve, Back Spud (Sloan Royal 195-WB-ES-S)..... Note: 0.5, 1.0 or 1.5 GPF.	604.40	26.53
22 42 13 00-0079	EA		Concealed Infrared Urinal Flush Valve, Top Spud (Sloan Royal 197-WB-ES-S)..... Note: 0.5, 1.0 or 1.5 GPF.	677.23	26.53
22 42 13 00-0080	EA		Exposed Battery Powered Urinal Flush Valve, Top Spud (Sloan G2 Opt+8186-1)..... Note: 1.0 GPF.	444.18	26.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 00-0081	EA		Foot Operated Flush Valve..... Note: Can be used for water closets.	500.90	26.53
22 42 13 00-0082	EA		Exposed Infrared Urinal Flush Valve (Toto EcoPower TEU1LN)..... Note: 0.5 GPF.	552.58	26.53
22 42 13 00-0083	EA		Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12)..... Note: 0.5 GPF.	600.69	26.53
22 42 13 00-0084	EA		Concealed Infrared Urinal Flush Valve, 0.5 GPF (Toto EcoPower TEU2LN21 Or TEU3LN21)..... Note: 0.5 GPF.	942.53	26.53
22 42 13 00-0085	EA		Exposed Solar/Battery Powered Urinal Flush Valve, Top Spud (Sloan Solis 8186-0.13)..... Note: 0.13 GPF.	468.47	26.53
22 42 13 00-0086	EA		Exposed Manual Urinal Flush Valve, 3/4" Top Spud (Zurn Z6003AV-ULF)..... Note: 0.125 GPF.	191.67	26.53
22 42 13 00-0087	EA		Exposed Battery Powered Urinal Flush Valve, Top Spud (Zurn ZTR6203-ULF)..... Note: 0.125 GPF.	478.51	26.53
22 42 13 00-0088	EA		Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS)..... Note: 0.125 GPF.	484.69	26.53
22 42 13 00-0089			Waterfree Urinals <small>(22 42 13 00-0057)</small>		
22 42 13 00-0090	EA		Waterfree, Wall Hung, Vitreous China Urinal (American Standard Small FloWise® Flush-Free).....	468.39	58.36
22 42 13 00-0091	EA		Waterfree, Wall Hung, Vitreous China Urinal (American Standard Medium FloWise® Flush-Free).....	530.88	58.36
22 42 13 00-0092	EA		Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free).....	562.13	58.36
22 42 13 00-0093	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-1000).....	630.92	58.36
			<i>For Colored Fixtures, Add</i>	66.90	
			<i>For >1, Deduct</i>	-49.75	
22 42 13 00-0094	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000).....	582.96	58.36
			<i>For Colored Fixtures, Add</i>	66.90	
			<i>For >1, Deduct</i>	-44.28	
22 42 13 00-0095	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000).....	461.58	58.36
			<i>For Colored Fixtures, Add</i>	66.90	
			<i>For >1, Deduct</i>	-30.45	
22 42 13 00-0096	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000).....	461.58	58.36
			<i>For Colored Fixtures, Add</i>	66.90	
			<i>For >1, Deduct</i>	-30.45	
22 42 13 00-0097	EA		Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000).....	556.92	58.36
			<i>For Colored Fixtures, Add</i>	66.90	
			<i>For >1, Deduct</i>	-41.32	
22 42 13 00-0098	EA		Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000).....	811.83	58.36
			<i>For >1, Deduct</i>	-70.38	
22 42 13 00-0099			Removal And Reinstallation Of Fixtures And Trim <small>(22 42 13)</small>		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 00-0100	EA		Remove And Reinstall Wall Hung Water Closet With Tank.....	355.82	
22 42 13 00-0101	EA		Remove And Reinstall Wall Hung Water Closet With Flush Valve.....	355.82	
22 42 13 00-0102	EA		Remove And Reinstall Floor Mount Water Closet With Tank.....	273.70	
22 42 13 00-0103	EA		Remove And Reinstall Floor Mount Water Closet With Flush Valve.....	273.70	
22 42 13 00-0104	EA		Remove And Reinstall Wall Hung Urinal With Flush Valve.....	354.43	
22 42 13 00-0105			Stainless Steel Water Closets <small>(22 42 13)</small>		
22 42 13 00-0106	EA		Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS).....	2,517.10	175.06
22 42 13 00-0107	EA		Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS).....	2,651.40	175.06
22 42 13 00-0108			Stainless Steel Urinals <small>(22 42 13)</small>		
22 42 13 00-0109	EA		Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1).....	2,592.64	175.06
22 42 13 00-0110	EA		5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C).....	3,360.18	213.96
22 42 13 00-0111			Fixture Carriers <small>(22 42 13)</small>		
22 42 13 00-0112			Water Closet Carriers <small>(22 42 13 00-0111)</small>		
22 42 13 00-0113			Pipe Grip Adaptor Type, Water Closet Carriers <small>(22 42 13 00-0112)</small>		
			Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 00-0114	EA		Pipe Grip Adaptor Type, Water Closet Carrier.....	369.17	41.08
22 42 13 00-0115			No-Hub, Water Closet Carriers <small>(22 42 13 00-0112)</small>		
			Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 00-0116	EA		Vertical Close With Offset, No-Hub, Single Water Closet Carrier.....	560.02	41.08
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-46.82	
			<i>For Positioning Frame, Add</i>	31.39	
			<i>For Supply Pipe Support, Add</i>	32.09	
			<i>For Vandal Proof Trim, Add</i>	39.85	
			<i>For Auxiliary Inlet, Add</i>	136.06	
			<i>For Special Duty 500 LB Carrier, Add</i>	222.31	
22 42 13 00-0117	EA		Vertical Close On Stack, No-Hub, Single Water Closet Carrier.....	560.02	41.08
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-46.82	
			<i>For Positioning Frame, Add</i>	31.39	
			<i>For Supply Pipe Support, Add</i>	32.09	
			<i>For Vandal Proof Trim, Add</i>	39.85	
			<i>For Auxiliary Inlet, Add</i>	136.06	
			<i>For Special Duty 500 LB Carrier, Add</i>	222.31	

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 42 13 00-0118	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier	609.66	41.08
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-46.82	
		<i>For Positioning Frame, Add</i>	31.39	
		<i>For Supply Pipe Support, Add</i>	32.09	
		<i>For Vandal Proof Trim, Add</i>	39.85	
		<i>For Auxiliary Inlet, Add</i>	136.06	
		<i>For Horizontal No Hub Cast Long Barrel, Add</i>	137.59	
		<i>For Carrier For Wide Chase Installations, Add</i>	184.85	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	222.32	
22 42 13 00-0119	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier	673.28	41.08
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-46.82	
		<i>For Positioning Frame, Add</i>	31.39	
		<i>For Supply Pipe Support, Add</i>	32.09	
		<i>For Vandal Proof Trim, Add</i>	39.85	
		<i>For 4" Branch, Add</i>	106.13	
		<i>For Auxiliary Inlet, Add</i>	136.06	
		<i>For Carrier For Wide Chase Installations, Add</i>	184.85	
		<i>For Double 4" Branches, Add</i>	212.96	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	222.32	
22 42 13 00-0120	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier.....	928.08	60.30
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-93.67	
		<i>For Positioning Frame, Add</i>	68.62	
		<i>For Supply Pipe Support, Add</i>	70.02	
		<i>For Vandal Proof Trim, Add</i>	79.71	
		<i>For Auxiliary Inlet, Add</i>	147.73	
		<i>For Special Duty 500 LB Carrier, Add</i>	444.62	
22 42 13 00-0121	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier.....	953.25	60.30
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-93.67	
		<i>For Positioning Frame, Add</i>	68.62	
		<i>For Supply Pipe Support, Add</i>	70.02	
		<i>For Vandal Proof Trim, Add</i>	79.71	
		<i>For Auxiliary Inlet, Add</i>	147.73	
		<i>For Special Duty 500 LB Carrier, Add</i>	444.62	
22 42 13 00-0122	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier.....	1,153.89	60.30
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-93.67	
		<i>For Positioning Frame, Add</i>	68.62	
		<i>For Supply Pipe Support, Add</i>	70.02	
		<i>For Vandal Proof Trim, Add</i>	79.71	
		<i>For 4" Branch, Add</i>	111.96	
		<i>For Auxiliary Inlet, Add</i>	147.73	
		<i>For Double 4" Branches, Add</i>	224.63	
		<i>For Carrier For Wide Chase Installations, Add</i>	404.73	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	444.63	
22 42 13 00-0123	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier	1,088.17	60.30
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-93.67	
		<i>For Positioning Frame, Add</i>	68.62	
		<i>For Supply Pipe Support, Add</i>	70.02	
		<i>For Vandal Proof Trim, Add</i>	79.71	
		<i>For Horizontal No Hub Cast Long Barrel, Add</i>	143.42	
		<i>For Carrier For Wide Chase Installations, Add</i>	404.73	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	444.63	
22 42 13 00-0124		Hub And Spigot, Water Closet Carriers <small>(22 42 13 00-0112)</small>		
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 00-0125	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier.....	560.02	41.08
		<i>For Positioning Frame, Add</i>	31.39	
		<i>For Supply Pipe Support, Add</i>	32.09	
		<i>For Vandal Proof Trim, Add</i>	39.85	
		<i>For Hanger Type Closet Adapter, Add</i>	99.97	
		<i>For Auxiliary Inlet, Add</i>	136.06	
22 42 13 00-0126	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier.....	560.02	41.08
		<i>For Positioning Frame, Add</i>	31.39	
		<i>For Supply Pipe Support, Add</i>	32.09	
		<i>For Vandal Proof Trim, Add</i>	39.85	
		<i>For Auxiliary Inlet, Add</i>	136.06	
		<i>For Special Duty 500 LB Carrier, Add</i>	222.31	
22 42 13 00-0127	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	697.04	41.08
		<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-46.82	
		<i>For Positioning Frame, Add</i>	31.39	
		<i>For Supply Pipe Support, Add</i>	32.09	
		<i>For Vandal Proof Trim, Add</i>	39.85	
		<i>For 4" Branch, Add</i>	106.13	
		<i>For Auxiliary Inlet, Add</i>	136.06	
		<i>For Carrier For Wide Chase Installations, Add</i>	184.85	
		<i>For Double 4" Branches, Add</i>	212.96	
		<i>For Special Duty 1,000 LB Carrier, Add</i>	222.32	
22 42 13 00-0128	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	928.08	60.30
		<i>For Positioning Frame, Add</i>	68.62	
		<i>For Supply Pipe Support, Add</i>	70.02	
		<i>For Vandal Proof Trim, Add</i>	79.71	
		<i>For Auxiliary Inlet, Add</i>	147.73	
		<i>For Hanger Type Closet Adapter, Add</i>	199.94	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 42 13 00-0129	EA		Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For 4" Branch, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Double 4" Branches, Add</i> <i>For Carrier For Wide Chase Installations, Add</i> <i>For Special Duty 1,000 LB Carrier, Add</i>	1,177.66 -93.67 68.62 70.02 79.71 111.96 147.73 224.63 404.73 444.63	60.30
	22 42 13 00-0130			Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers <small>(22 42 13 00-0112)</small> Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
	22 42 13 00-0131	EA		Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Hanger Type Closet Adapter, Add</i>	437.68 31.39 32.09 39.85 99.97	41.08
	22 42 13 00-0132			Institutional Water Closet Carriers <small>(22 42 13 00-0112)</small> Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
	22 42 13 00-0133	EA		Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i>	1,502.05 -93.67 68.62 70.02 79.71 147.73	60.30
	22 42 13 00-0134			Urinal Carriers <small>(22 42 13 00-0111)</small>		
	22 42 13 00-0135			Floor Mounted, Urinal Carriers <small>(22 42 13 00-0134)</small> Note: Includes adjustable supporting rods, structural uprights and welded feet.		
	22 42 13 00-0136	EA		Floor Mounted Hanger Plate Type, Single Urinal Carrier <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	318.86 14.68	29.57
	22 42 13 00-0137	EA		Floor Mounted Bearing Plate Type, Single Urinal Carrier <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	345.42 14.68	29.57
	22 42 13 00-0138			Wall Mounted, Urinal Carriers <small>(22 42 13 00-0134)</small> Note: Includes wall plate and adjustable supporting rods.		
	22 42 13 00-0139	EA		Wall Mounted Hanger Plate Type, Single Urinal Carrier <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	153.17 14.68	29.57
	22 42 16			Commercial Lavatories And Sinks <small>(22 42)</small>		
	22 42 16 00-0001			Lavatories <small>(22 42 16)</small> Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
	22 42 16 00-0002			Wall Hung Lavatories <small>(22 42 16 00-0001)</small>		
	22 42 16 00-0003	EA		19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	447.91	52.13
	22 42 16 00-0004	EA		20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	470.52	52.13
	22 42 16 00-0005	EA		22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	613.23	52.13
	22 42 16 00-0006	EA		18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	406.70	52.13
	22 42 16 00-0007	EA		19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	343.54	52.13
	22 42 16 00-0008	EA		20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	417.33	52.13
	22 42 16 00-0009	EA		20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	447.54	52.13
	22 42 16 00-0010	EA		27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	536.33	52.13
	22 42 16 00-0011	EA		20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	362.16	52.13
	22 42 16 00-0012			Countertop Lavatories <small>(22 42 16 00-0001)</small>		
	22 42 16 00-0013	EA		20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	393.57	63.02
	22 42 16 00-0014	EA		21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	401.67	63.02
	22 42 16 00-0015	EA		19" Diameter Enameled Steel Countertop Lavatory (American Standard Colony Round™)	370.42	63.02
	22 42 16 00-0016	EA		19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	424.21	63.02
	22 42 16 00-0017	EA		19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™)	448.22	63.02
	22 42 16 00-0018	EA		24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®)	581.97	68.07
	22 42 16 00-0019			Undercounter Lavatories <small>(22 42 16 00-0001)</small>		
	22 42 16 00-0020	EA		15" x 12" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	405.16	63.02
	22 42 16 00-0021	EA		17" x 14" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	375.25	63.02
	22 42 16 00-0022	EA		19" x 16" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	375.25	63.02
	22 42 16 00-0023	EA		21" x 17" Vitreous China Undercounter Lavatory (American Standard Ovalyn™)	411.47	63.02
	22 42 16 00-0024	EA		15" x 12" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	388.12	63.02
	22 42 16 00-0025	EA		17" x 14" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	382.61	63.02
	22 42 16 00-0026	EA		19" x 15" Oval Vitreous China Undercounter Lavatory (Kohler® Caxton®)	388.22	63.02
	22 42 16 00-0027	EA		21" x 17" Oval Vitreous China Undercounter Lavatory (Crane Tiara™)	371.32	63.02
	22 42 16 00-0028	EA		18" x 12" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	512.08	63.02
	22 42 16 00-0029	EA		21" x 14" Rectangular Vitreous China Undercounter Lavatory (Kohler® Ladena®)	512.08	63.02

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0030			Pedestal Lavatories (22 42 16 00-0001)		
22 42 16 00-0031	EA		19" x 21" x 34" High Vitreous China Pedestal Sink (American Standard Colony™).....	431.60	149.77
22 42 16 00-0032			Pre-Molded Culture Marble Lavatory Vanity (22 42 16 00-0001)		
			Note: Includes splash. Single sink, center or offset. Bowl is either oval, shell shape or rectangular.		
22 42 16 00-0033	EA		17" x 20" Pre-Molded Culture Marble Vanity Top With Lavatory.....	191.62	48.63
			<i>For Colored Fixtures, Add</i>	27.36	
22 42 16 00-0034	EA		18" x 24" Pre-Molded Culture Marble Vanity Top With Lavatory.....	233.96	58.36
			<i>For Colored Fixtures, Add</i>	34.01	
22 42 16 00-0035	EA		18" x 30" Pre-Molded Culture Marble Vanity Top With Lavatory.....	256.64	62.24
			<i>For Colored Fixtures, Add</i>	38.33	
22 42 16 00-0036	EA		18" x 36" Pre-Molded Culture Marble Vanity Top With Lavatory.....	275.89	66.13
			<i>For Colored Fixtures, Add</i>	41.66	
22 42 16 00-0037	EA		19" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory.....	239.69	58.36
			<i>For Colored Fixtures, Add</i>	35.67	
22 42 16 00-0038	EA		19" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory.....	260.06	62.24
			<i>For Colored Fixtures, Add</i>	39.33	
22 42 16 00-0039	EA		19" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory.....	278.17	66.13
			<i>For Colored Fixtures, Add</i>	42.32	
22 42 16 00-0040	EA		19" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory.....	310.71	68.07
			<i>For Colored Fixtures, Add</i>	50.63	
22 42 16 00-0041	EA		19" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory.....	337.55	70.03
			<i>For Colored Fixtures, Add</i>	57.28	
22 42 16 00-0042	EA		22" x 25" Pre-Molded Culture Marble Vanity Top With Lavatory.....	262.62	58.36
			<i>For Colored Fixtures, Add</i>	42.32	
22 42 16 00-0043	EA		22" x 31" Pre-Molded Culture Marble Vanity Top With Lavatory.....	299.03	62.24
			<i>For Colored Fixtures, Add</i>	50.63	
22 42 16 00-0044	EA		22" x 37" Pre-Molded Culture Marble Vanity Top With Lavatory.....	318.28	66.13
			<i>For Colored Fixtures, Add</i>	53.95	
22 42 16 00-0045	EA		22" x 43" Pre-Molded Culture Marble Vanity Top With Lavatory.....	340.51	68.07
			<i>For Colored Fixtures, Add</i>	59.27	
22 42 16 00-0046	EA		22" x 49" Pre-Molded Culture Marble Vanity Top With Lavatory.....	360.47	70.03
			<i>For Colored Fixtures, Add</i>	63.93	
22 42 16 00-0047	EA		22" x 55" Pre-Molded Culture Marble Vanity Top With Lavatory.....	386.58	73.91
			<i>For Colored Fixtures, Add</i>	69.25	
22 42 16 00-0048			Stainless Steel Lavatories (22 42 16 00-0001)		
22 42 16 00-0049	EA		18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1).....	1,319.72	136.16
22 42 16 00-0050			Solid Surface Multi-Station Lavatory Systems (22 42 16 00-0001)		
			Note: ADA compliant. Includes integral faucets.		
22 42 16 00-0051	EA		2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2).....	3,501.63	112.06
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i>	563.00	
22 42 16 00-0052	EA		3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3).....	5,110.81	112.06
			<i>For Integral Liquid Soap Dispenser, Add</i>	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i>	657.00	
22 42 16 00-0053	EA		12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12).....	249.63	37.36
22 42 16 00-0054	EA		18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18).....	304.94	37.36
22 42 16 00-0055	EA		36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36).....	586.62	37.36
22 42 16 00-0056			Sinks (22 42 16)		
			Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 00-0057			Kitchen Sinks (22 42 16 00-0056)		
22 42 16 00-0058	EA		25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®).....	564.72	73.14
22 42 16 00-0059	EA		22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®).....	762.67	83.25
22 42 16 00-0060	EA		15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517).....	689.98	71.58
			<i>For 18 Gauge, Add</i>	199.11	
22 42 16 00-0061	EA		17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722).....	708.72	71.58
			<i>For 18 Gauge, Add</i>	208.48	
22 42 16 00-0062	EA		22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222).....	750.90	71.58
			<i>For 18 Gauge, Add</i>	229.57	
22 42 16 00-0063	EA		25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522).....	788.35	73.14
			<i>For 18 Gauge, Add</i>	243.63	
22 42 16 00-0064	EA		31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122).....	1,002.39	83.25
			<i>For 18 Gauge, Add</i>	335.80	
22 42 16 00-0065	EA		33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321).....	1,024.98	83.25
			<i>For 18 Gauge, Add</i>	346.96	
22 42 16 00-0066	EA		15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710).....	993.82	71.58
22 42 16 00-0067	EA		17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210).....	1,014.91	71.58
22 42 16 00-0068	EA		22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210).....	1,068.03	71.58
22 42 16 00-0069	EA		25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210).....	1,139.06	73.14
22 42 16 00-0070	EA		31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210).....	1,384.35	83.25
22 42 16 00-0071	EA		33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322).....	1,324.14	83.25
22 42 16 00-0072			Undermount Kitchen Sinks (22 42 16 00-0056)		

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

22 42 16 00-0073	EA			21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	881.28	71.58
22 42 16 00-0074	EA			21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	879.00	71.58
22 42 16 00-0075	EA			21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99).....	889.09	71.58
22 42 16 00-0076	EA			21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99).....	942.21	71.58
22 42 16 00-0077				Multi-Station Wash Sink, Wall Mounted <small>(22 42 16 00-0056)</small> Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 00-0078	EA			36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™).....	1,681.74	126.43
22 42 16 00-0079	EA			48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™).....	2,276.35	136.16
22 42 16 00-0080	EA			60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™).....	2,626.72	145.88
22 42 16 00-0081	EA			72" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™).....	2,874.36	155.60
22 42 16 00-0082	EA			48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951).....	1,856.80	97.26
22 42 16 00-0083	EA			62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951).....	2,062.88	106.98
22 42 16 00-0084	EA			80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951).....	2,264.76	116.70
22 42 16 00-0085	EA			102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951).....	2,513.38	131.29
22 42 16 00-0086	EA			27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain.....	2,438.91	213.96
22 42 16 00-0087				Laundry Sinks <small>(22 42 16 00-0056)</small>		
22 42 16 00-0088	EA			23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	505.58	83.25
22 42 16 00-0089	EA			40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	600.64	83.25
22 42 16 00-0090	EA			22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	503.84	83.25
22 42 16 00-0091	EA			24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	839.82	83.25
22 42 16 00-0092	EA			48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,239.73	93.36
22 42 16 00-0093				Refinish Sink/Lavatory <small>(22 42 16 00-0056)</small>		
22 42 16 00-0094	EA			Refinish Sink/Lavatory.....	185.03	
22 42 16 00-0095				Service Sinks <small>(22 42 16 00-0056)</small>		
22 42 16 00-0096	EA			22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™).....	852.80	125.26
22 42 16 00-0097	EA			24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™).....	904.65	125.26
22 42 16 00-0098	EA			28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™).....	1,154.90	165.72
22 42 16 00-0099	EA			12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zum FD2377-PO3-F).....	453.73	116.70
22 42 16 00-0100	EA			24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424).....	536.51	116.70
22 42 16 00-0101	EA			36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624).....	587.85	140.04
22 42 16 00-0102	EA			24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010).....	494.44	116.70
22 42 16 00-0103	EA			36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010).....	559.18	140.04
22 42 16 00-0104	EA			24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24).....	562.80	116.70
22 42 16 00-0105	EA			36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624).....	692.44	140.04
22 42 16 00-0106				Stainless Steel Sink And Drainboard <small>(22 42 16 00-0056)</small>		
22 42 16 00-0107	EA			24" x 24" Stainless Steel Sink With One Compartment And Drainboard , 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L).....	2,615.21	194.50
22 42 16 00-0108				Soapstone Sinks <small>(22 42 16 00-0056)</small>		
22 42 16 00-0109	EA			26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink.....	959.98	71.58
22 42 16 00-0110	SF			Soapstone Sink Backsplash.....	149.00	
22 42 16 00-0111	EA			30" x 18-1/2" x 10" Single Bowl Soapstone Sink.....	1,236.14	83.25
22 42 16 00-0112	EA			36" x 18-1/2" x 10" Double Bowl Soapstone Sink.....	1,464.23	83.25
22 42 16 00-0113				Fixture Carriers <small>(22 42 16)</small>		
22 42 16 00-0114				Lavatory Carriers <small>(22 42 16 00-0113)</small>		
22 42 16 00-0115				Floor Mounted, Lavatory Carriers <small>(22 42 16 00-0114)</small>		
22 42 16 00-0116				Floor Mounted Plate Type, Lavatory Carriers <small>(22 42 16 00-0115)</small> Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 00-0117	EA			Floor Mounted Hanger Plate Type, Single Lavatory Carrier.....	318.86	29.57
				For Up To 4" Extension Sleeves And Hardware, Add	14.68	
				For Valve Plate For Attaching To Upright, Add	53.77	
				For Corner Carrier, Add	104.74	

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 00-0118	EA		Floor Mounted Bearing Plate Type, Single Lavatory Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i>	345.42 14.68 53.77	29.57
22 42 16 00-0119	EA		Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i>	392.26 29.36 107.53	29.57
22 42 16 00-0120	EA		Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i>	446.09 29.36 107.53	29.57
22 42 16 00-0121			Floor Mounted, Lavatory Carriers With Arms (22 42 16 00-0115) Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 00-0122	EA		Floor Mounted, Single Lavatory Carrier With Concealed Arms..... <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> <i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	407.82 14.68 20.28 55.32 49.64 90.18	35.01
22 42 16 00-0123	EA		Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	536.46 14.68 39.85 55.32 51.03	35.01
22 42 16 00-0124	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms..... <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> <i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	535.75 29.36 40.55 110.64 99.27 180.37	35.01
22 42 16 00-0125	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i> <i>For Heavy Duty Carrier, Add</i>	781.84 29.36 79.71 110.64 102.06	35.01
22 42 16 00-0126			Wall Mounted, Lavatory Carriers (22 42 16 00-0114)		
22 42 16 00-0127			Wall Mounted Plate Type, Lavatory Carriers (22 42 16 00-0126) Note: Includes wall plate and adjustable supporting rods.		
22 42 16 00-0128	EA		Wall Mounted Hanger Plate Type, Single Lavatory Carrier..... <i>For Double Plate Carrier, Add</i>	153.17 42.90	29.57
22 42 16 00-0129			Wall Mounted Plate Type, Lavatory Carriers With Arms (22 42 16 00-0126) Note: Includes wall plate and leveling and securing screws.		
22 42 16 00-0130	EA		Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i>	244.93 14.68 49.64	35.01
22 42 16 00-0131	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms <i>For Movable Mounting Brackets, Deduct</i> <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	284.08 -37.75 14.68 49.64 90.18	35.01
22 42 16 00-0132	EA		Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	405.03 14.68 39.85	35.01
22 42 16 00-0133			Sink Carriers (22 42 16 00-0113)		
22 42 16 00-0134			Floor Mounted, Sink Carriers (22 42 16 00-0133) Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.		
22 42 16 00-0135	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling..... <i>For Vandal Proof Trim, Add</i> <i>For Valve Plate For Attaching To Upright, Add</i>	455.18 39.85 53.77	29.57
22 42 16 00-0136	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting..... <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Vent, Add</i>	694.97 39.85 120.19	29.57
22 42 16 00-0137	EA		Floor Mounted Heavy Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	865.56 30.06 39.85	29.57
22 42 16 00-0138			Removal And Reinstallation Of Fixtures And Trim (22 42 16) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 00-0139	EA		Remove And Reinstall Wall Hung Lavatory With Faucet	228.83	
22 42 16 00-0140	EA		Remove And Reinstall Wall Hung Service Sink With Faucet.....	313.72	
22 42 19			Commercial Bathtubs (22 42)		
22 42 19 00-0001			Recessed Alcove Bathtubs (22 42 19)		
22 42 19 00-0002			Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs (22 42 19 00-0001)		
22 42 19 00-0003	EA		54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™).....	1,348.52	216.29

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

22 42 19 00-0004	EA			60" x 30" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler Villager®).....	693.27	216.29
22 42 19 00-0005	EA			60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®).....	1,144.33	216.29
22 42 19 00-0006	EA			60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®).....	1,353.65	216.29
22 42 19 00-0007	EA			66" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®).....	1,764.31	216.29
22 42 19 00-0008	EA			66-1/4" x 32" x 16", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (American Standard Spectra™).....	1,500.43	216.29
22 42 19 00-0009				Porcelain Enameled Steel, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0010	EA			46-1/2" x 27" x 15-1/2", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Huron™).....	680.75	216.29
22 42 19 00-0011	EA			54" x 30" x 15", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard Mackenzie™).....	668.78	216.29
22 42 19 00-0012	EA			60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®).....	554.44	216.29
22 42 19 00-0013	EA			60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®).....	569.06	216.29
22 42 19 00-0014				Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0015	EA			60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™).....	856.91	216.29
22 42 19 00-0016				Acrylic, Recessed Alcove Bathtubs <small>(22 42 19 00-0001)</small>		
22 42 19 00-0017	EA			60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®).....	884.57	216.29
22 42 19 00-0018	EA			60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	1,061.35	216.29
22 42 19 00-0019	EA			66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	1,084.18	216.29
22 42 19 00-0020	EA			72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®).....	1,070.15	216.29
22 42 19 00-0021	EA			72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®).....	1,120.63	216.29
22 42 19 00-0022				Bathtub Refinishing <small>(22 42 19 00-0001)</small>		
22 42 19 00-0023	EA			Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel.....	413.42	
22 42 19 00-0024				Tub And Shower Combinations <small>(22 42 19)</small>		
22 42 19 00-0025				Acrylic Tub And Shower Combination <small>(22 42 19 00-0024)</small>		
22 42 19 00-0026	EA			3 Piece, 62" x 30-1/2" x 88" Domed Acrylic Tub And Shower (Crane Plumbing A 6031.21).....	1,284.25	80.68
				<i>For 2 Piece Enclosure, Deduct</i>	-273.04	
22 42 19 00-0027	EA			1 Piece, 59-7/8" x 34-1/2" x 79-5/8" Acrylic Tub And Shower (Aqua Glass 626036E).....	1,004.58	80.68
				<i>For 2 Piece Enclosure, Deduct</i>	-217.10	
22 42 19 00-0028	EA			1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032).....	742.67	80.68
				<i>For 2 Piece Enclosure, Deduct</i>	-164.72	
22 42 19 00-0029				Fiberglass Tub And Shower Combination <small>(22 42 19 00-0024)</small>		
22 42 19 00-0030	EA			1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG).....	726.01	80.68
22 42 19 00-0031	EA			2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P).....	585.93	53.79
22 42 19 00-0032	EA			4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P).....	1,157.09	121.77
22 42 19 00-0033	EA			3 Piece Tub/Shower Surrounds, 32" x 72" Side Walls, 48" x 72" Back, (Swanstone SK-324872).....	1,856.89	256.61
				<i>For 2 Piece Enclosure, Deduct</i>	-390.82	
22 42 23				Commercial Showers <small>(22 42)</small>		
22 42 23 00-0001				Shower Enclosures <small>(22 42 23)</small>		
				Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002				Stainless Steel Shower Enclosure <small>(22 42 23 00-0001)</small>		
22 42 23 00-0003	EA			36" x 36" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening (Crane Plumbing, Fiat S86 Commander).....	2,816.91	125.49
22 42 23 00-0004	EA			36" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Walk Through (Crane Plumbing, Fiat S91 Commander).....	2,816.91	125.49
22 42 23 00-0005	EA			37" x 37" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Double Access Corner Opening (Crane Plumbing, Fiat S92 Commander).....	2,816.91	125.49
22 42 23 00-0006	EA			38" x 38" x 82" Stainless Steel Interior And Exterior Shower Enclosure, Single Access Front Opening Corner (Crane Plumbing, Fiat S101 Commander).....	2,816.91	125.49
22 42 23 00-0007				Powder Coated Or Baked Enamel Steel Shower Enclosure <small>(22 42 23 00-0001)</small>		
22 42 23 00-0008	EA			39" x 39" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S115 Commander).....	3,322.22	125.49
22 42 23 00-0009	EA			39" x 48" x 82" Baked Enamel Wonder Wall Steel Shower Enclosure (Crane Plumbing, Fiat S125 Commander).....	4,339.72	125.49
22 42 23 00-0010	EA			32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	850.97	125.49
22 42 23 00-0011	EA			36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	850.97	125.49
22 42 23 00-0012	EA			40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,234.97	125.49
22 42 23 00-0013	EA			40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions).....	1,348.97	125.49
22 42 23 00-0014				Solid Plastic Core High Density Polymer (HDP) Shower Enclosure <small>(22 42 23 00-0001)</small>		
22 42 23 00-0015	EA			32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,336.97	125.49
22 42 23 00-0016	EA			36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,336.97	125.49
22 42 23 00-0017	EA			40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	1,876.97	125.49
22 42 23 00-0018	EA			40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions).....	2,086.97	125.49
22 42 23 00-0019				1 Piece Shower Units <small>(22 42 23)</small>		
22 42 23 00-0020	EA			1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232).....	660.32	80.68
22 42 23 00-0021	EA			1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636).....	728.17	80.68

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

22 42 23 00-0022			Personnel Type Shower Receptors (22 42 23)		
22 42 23 00-0023			Acrylic Shower Receptors (22 42 23 00-0022)		
22 42 23 00-0024	EA		36" x 36" Acrylic Shower Receptor	346.63	31.70
22 42 23 00-0025	EA		42" x 42" Acrylic Shower Receptor	366.72	31.70
22 42 23 00-0026	EA		48" x 48" Acrylic Shower Receptor	406.85	31.70
22 42 23 00-0027	EA		60" x 60" Acrylic Shower Receptor	494.89	38.04
22 42 23 00-0028	EA		48" x 32" Acrylic Shower Receptor	347.57	31.70
22 42 23 00-0029	EA		48" x 36" Acrylic Shower Receptor	374.00	31.70
22 42 23 00-0030	EA		48" x 42" Acrylic Shower Receptor	423.17	31.70
22 42 23 00-0031	EA		60" x 30" Acrylic Shower Receptor	644.59	80.83
22 42 23 00-0032	EA		60" x 32" Acrylic Shower Receptor	469.88	38.04
22 42 23 00-0033	EA		60" x 36" Acrylic Shower Receptor	473.28	38.04
22 42 23 00-0034	EA		60" x 42" Acrylic Shower Receptor	476.40	38.04
22 42 23 00-0035	EA		60" x 48" Acrylic Shower Receptor	525.26	38.04
22 42 23 00-0036	EA		36" x 36" Acrylic Corner Shower Receptor	507.72	31.70
22 42 23 00-0037	EA		42" x 42" Acrylic Corner Shower Receptor	583.57	31.70
22 42 23 00-0038	EA		47-1/2" x 47-1/2" Acrylic Corner Shower Receptor	907.89	76.79
22 42 23 00-0039			Molded Stone Shower Receptors (22 42 23 00-0022)		
22 42 23 00-0040	EA		32" x 32" Molded Stone Shower Receptor (Fiat 32WL)	229.76	31.70
22 42 23 00-0041	EA		34" x 34" Molded Stone Shower Receptor (Fiat 34WL)	241.10	31.70
22 42 23 00-0042	EA		36" x 36" Molded Stone Shower Receptor (Fiat 36WL)	242.36	31.70
22 42 23 00-0043	EA		42" x 42" Molded Stone Shower Receptor (Fiat 4242WL)	298.43	31.70
22 42 23 00-0044	EA		42" x 34" Molded Stone Shower Receptor (Fiat 42WL)	264.41	31.70
22 42 23 00-0045	EA		48" x 32" Molded Stone Shower Receptor (Fiat 4832WL)	280.16	31.70
22 42 23 00-0046	EA		48" x 34" Molded Stone Shower Receptor (Fiat 48WL)	282.05	31.70
22 42 23 00-0047	EA		54" x 34" Molded Stone Shower Receptor (Fiat 54WL)	326.49	38.04
22 42 23 00-0048	EA		60" x 34" Molded Stone Shower Receptor (Fiat 60WL)	338.46	38.04
22 42 23 00-0049	EA		36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC)	267.56	31.70
22 42 23 00-0050	EA		38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC)	274.49	31.70
22 42 23 00-0051			Precast Terrazzo Shower Receptors (22 42 23 00-0022)		
22 42 23 00-0052	EA		30" x 30" Precast Terrazzo Shower Receptor	435.14	31.70
22 42 23 00-0053	EA		32" x 32" Precast Terrazzo Shower Receptor	452.15	31.70
22 42 23 00-0054	EA		34" x 34" Precast Terrazzo Shower Receptor	467.90	31.70
22 42 23 00-0055	EA		36" x 36" Precast Terrazzo Shower Receptor	469.79	31.70
22 42 23 00-0056	EA		40" x 40" Precast Terrazzo Shower Receptor	514.52	31.70
22 42 23 00-0057	EA		42" x 42" Precast Terrazzo Shower Receptor	537.20	31.70
22 42 23 00-0058	EA		48" x 48" Precast Terrazzo Shower Receptor	756.44	31.70
22 42 23 00-0059	EA		36" x 32" Precast Terrazzo Shower Receptor	464.12	31.70
22 42 23 00-0060	EA		42" x 32" Precast Terrazzo Shower Receptor	473.15	31.70
22 42 23 00-0061	EA		42" x 34" Precast Terrazzo Shower Receptor	489.32	31.70
22 42 23 00-0062	EA		42" x 36" Precast Terrazzo Shower Receptor	509.48	31.70
22 42 23 00-0063	EA		32" x 48" Precast Terrazzo Shower Receptor	511.37	31.70
22 42 23 00-0064	EA		48" x 34" Precast Terrazzo Shower Receptor	537.20	31.70
22 42 23 00-0065	EA		48" x 36" Precast Terrazzo Shower Receptor	556.10	31.70
22 42 23 00-0066	EA		54" x 32" Precast Terrazzo Shower Receptor	563.03	31.70
22 42 23 00-0067	EA		60" x 30" Precast Terrazzo Shower Receptor	761.59	38.04
22 42 23 00-0068	EA		60" x 32" Precast Terrazzo Shower Receptor	833.07	38.04
22 42 23 00-0069	EA		60" x 34" Precast Terrazzo Shower Receptor	836.58	38.04
22 42 23 00-0070	EA		60" x 36" Precast Terrazzo Shower Receptor	840.07	38.04
22 42 23 00-0071	EA		32" x 32" Precast Terrazzo Corner Shower Receptor	472.31	31.70
22 42 23 00-0072	EA		34" x 34" Precast Terrazzo Corner Shower Receptor	473.15	31.70
22 42 23 00-0073	EA		36" x 36" Precast Terrazzo Corner Shower Receptor	474.83	31.70
22 42 23 00-0074	EA		40" x 40" Precast Terrazzo Corner Shower Receptor	569.96	31.70
22 42 23 00-0075	EA		36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,039.31	31.70
22 42 23 00-0076	EA		60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,156.83	38.04
22 42 23 00-0077	EA		60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor	1,205.97	38.04
22 42 23 00-0078			Shower Receptors Accessories (22 42 23 00-0022)		
22 42 23 00-0079	SF		Polyvinyl Chloride (PVC) Shower Pan Liner	2.87	
22 42 23 00-0080			Removal And Reinstallation Of Fixtures And Trim (22 42 23)		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0081	EA		Remove And Reinstall Shower Head	38.04	
22 42 33			Wash Fountains (22 42)		
22 42 33 00-0001			Circular Wash Fountain, Deep Bowl (22 42 33)		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA		36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD)	6,122.71	130.73
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	
22 42 33 00-0003	EA		36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD)	4,679.19	130.73
			For Metal Soap Dispenser, Add	100.00	
			For Stainless Steel Pedestal Panels, Add	100.00	

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

22 42 33 00-0004	EA		36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,211.55	130.73
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0005	EA		54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	7,797.86	149.41
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0006	EA		54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,400.60	149.41
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0007	EA		54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	9,846.69	149.41
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	

22 42 33 00-0008 Semi-Circular Wash Fountain, Deep Bowl (22 42 33)

Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.

22 42 33 00-0009	EA		36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	5,341.32	112.06
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0010	EA		36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,279.75	112.06
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0011	EA		36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,212.97	112.06
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0012	EA		54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	6,551.86	130.73
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0013	EA		54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,168.78	130.73
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0014	EA		54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE).....	7,393.46	130.73
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	

22 42 39 Commercial Faucets, Supplies, And Trim (22 42)

22 42 39 00-0001 Other Trim (22 42 39)

22 42 39 00-0002	EA		Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330).....	13.13	4.23
22 42 39 00-0003	EA		1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	72.67	12.68
22 42 39 00-0004	EA		Basket Strainer Assembly (American Standard 055781-0070A).....	32.85	10.57
22 42 39 00-0005	EA		1-1/4" Chrome Plated Cast P-Trap With Or Without Cleanout.....	88.89	22.09
22 42 39 00-0006	EA		1-1/2" Chrome Plated Cast P-Trap With Or Without Cleanout.....	90.79	23.34
22 42 39 00-0007	EA		1-1/2" Cast Brass P-Trap With Cleanout.....	146.83	23.34
22 42 39 00-0008	EA		Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102).....	54.60	11.67
22 42 39 00-0009	EA		Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	57.38	11.67
22 42 39 00-0010	EA		Lavatory Protective Enclosure (IPS Truebro Lav Shield).....	150.75	11.67
22 42 39 00-0011	EA		36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	186.68	11.67
22 42 39 00-0012	EA		42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	212.78	11.67

22 42 39 00-0013 Kitchen Faucets (22 42 39)

22 42 39 00-0014	EA		Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	137.12	38.90
22 42 39 00-0015	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST).....	153.58	38.90
22 42 39 00-0016	EA		Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	162.68	38.90
22 42 39 00-0017	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST).....	184.55	38.90
22 42 39 00-0018	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24).....	128.42	38.90
22 42 39 00-0019	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24).....	140.02	38.90
22 42 39 00-0020	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF).....	179.11	38.90
22 42 39 00-0021	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF).....	130.05	38.90
22 42 39 00-0022	EA		Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF).....	125.66	38.90
22 42 39 00-0023	EA		Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF).....	147.13	38.90
22 42 39 00-0024	EA		Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24).....	246.55	38.90
22 42 39 00-0025	EA		Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24).....	269.60	38.90
22 42 39 00-0026	EA		Wall Mount Kitchen Faucet, Two Handle, 11" Long Swing Spout (Delta 28T6943).....	228.10	38.90
22 42 39 00-0027	EA		Wall Mount Kitchen Faucet, 8" Center, With 14" Double Joint Spout (Delta 28T4433).....	202.71	38.90
22 42 39 00-0028	EA		Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP).....	255.30	42.26
22 42 39 00-0029	EA		Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP).....	254.17	42.26
22 42 39 00-0030	EA		Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	192.15	42.26
22 42 39 00-0031	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR).....	430.51	38.90
22 42 39 00-0032	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK).....	542.37	38.90
22 42 39 00-0033	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB).....	579.65	38.90

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0034	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR).....	430.51	38.90
22 42 39 00-0035	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK).....	542.37	38.90
22 42 39 00-0036	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB).....	579.65	38.90
22 42 39 00-0037			Lavatory Faucets (22 42 39)		
22 42 39 00-0038	EA		Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST).....	162.13	28.00
22 42 39 00-0039	EA		4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501-WF).....	114.51	28.00
22 42 39 00-0040	EA		4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2521-LHP+H25).....	140.56	28.00
22 42 39 00-0041	EA		4" Centerset Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 2530-LHP+H24).....	153.55	28.00
22 42 39 00-0042	EA		Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3543-LHP+H24).....	187.10	28.00
22 42 39 00-0043	EA		Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3530-LHP+H24).....	216.90	28.00
22 42 39 00-0044	EA		Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104).....	134.96	28.00
22 42 39 00-0045	EA		Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002).....	202.03	28.00
22 42 39 00-0046	EA		Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665).....	147.42	28.00
22 42 39 00-0047	EA		Easy-Push Metering Faucet Wash-Up Fitting (Speakman S-4123).....	129.58	28.00
22 42 39 00-0048	EA		Easy-Push Metering 4" Centerset Faucet (Speakman S-4141-LD).....	205.18	28.00
22 42 39 00-0049	EA		Easy-Push Metering Widespread Faucet (Speakman S-4171-LD).....	239.83	28.00
22 42 39 00-0050	EA		3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710).....	150.69	28.00
22 42 39 00-0051	EA		3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712).....	180.61	28.00
22 42 39 00-0052	EA		4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805).....	177.07	28.00
22 42 39 00-0053	EA		4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104).....	145.85	28.00
22 42 39 00-0054			Bath And Shower Faucets (22 42 39)		
22 42 39 00-0055			Bath And Shower Faucets With Valve Body (22 42 39 00-0054)		
22 42 39 00-0056	EA		Single Lever Handle Chrome Tub Filler, Pressure-Balance (American Standard T480 500).....	152.00	33.76
22 42 39 00-0057	EA		Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501).....	176.57	33.76
22 42 39 00-0058	EA		Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502).....	192.32	33.76
22 42 39 00-0059	EA		Two Lever Handle, Chrome Tub Filler (American Standard 3275.505).....	141.29	33.76
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0060	EA		Two Lever Handle, Chrome Shower Only (American Standard 3275.501).....	147.59	33.76
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0061	EA		Two Lever Handle, Chrome Shower And Tub Filler (American Standard 3275.502).....	165.86	33.76
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0062	EA		Three Lever Handle, Chrome Shower And Tub Filler (American Standard 3375.502).....	186.65	33.76
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0063			Shower Valves And Trim (22 42 39)		
			See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0064	EA		Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	251.95	52.51
22 42 39 00-0065	EA		Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP).....	540.30	52.51
22 42 39 00-0066	EA		Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP).....	381.45	52.51
22 42 39 00-0067	EA		Senior Institutional Shower Head (Symmons® 4-150).....	148.06	33.76
22 42 39 00-0068	EA		Universal Institutional Shower Head (Symmons® 4-151).....	241.87	33.76
22 42 39 00-0069	EA		Fre-Flo Institutional Shower Head (Symmons® 4-295).....	172.76	33.76
22 42 39 00-0070	EA		Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385).....	132.31	33.76
22 42 39 00-0071	EA		Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X).....	429.02	50.57
22 42 39 00-0072	EA		Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X).....	448.27	58.36
22 42 39 00-0073	EA		Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X).....	554.80	58.36
22 42 39 00-0074	EA		Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X).....	571.94	62.24
22 42 39 00-0075	EA		Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S).....	741.66	52.51
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
			<i>For Recessed Soap Dish, Add</i>	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0076	EA		Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807).....	878.37	52.51
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
			<i>For Recessed Soap Dish, Add</i>	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0077	EA		Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S).....	603.84	52.51
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	19.32	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	78.39	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0078	EA		Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS).....	902.40	52.51
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0079	EA		Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS).....	966.75	52.51
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	

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

22 42 39 00-080	EA	Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931)	1,768.33	52.51
		<i>For Recessed Soap Dish, Add</i>	83.94	
		<i>For Pressure Balance And Metering Combination, Add</i>	227.79	
22 42 39 00-081	EA	Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921)	1,546.98	52.51
		<i>For Recessed Soap Dish, Add</i>	83.94	
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-082	EA	Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231)	785.50	52.51
22 42 39 00-083	EA	Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS).....	1,196.14	52.51
		<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
		<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-084	EA	Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60).....	784.46	52.51
22 42 39 00-085	EA	Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS).....	782.20	52.51
		<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
22 42 39 00-086	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4).....	576.10	46.68
22 42 39 00-087	EA	Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500)	443.72	33.76

22 42 39 00-0088 Service Sink Faucets (22 42 39)

22 42 39 00-089	EA	2-1/4" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Knoxford®)	272.59	64.77
22 42 39 00-090	EA	4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (Kohler® Kinlock™)	325.57	64.77
22 42 39 00-091	EA	3" Spout, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.235).....	237.75	64.77
22 42 39 00-092	EA	3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8340.243).....	254.76	64.77
22 42 39 00-093	EA	6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012).....	263.58	64.77
22 42 39 00-094	EA	6" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.101).....	345.95	90.79
22 42 39 00-095	EA	6" Spout With Vacuum Break And Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.110).....	388.07	103.48
22 42 39 00-096	EA	12" Spout With Bottom Fork Brace, Wall Mount Service Sink Faucet, Stops In Integral Arm, Wrist Blade Handles (American Standard 8345.115).....	443.51	103.48
22 42 39 00-097	EA	Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF).....	261.72	64.77
22 42 39 00-098	EA	44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-LCP)	484.07	103.48

22 42 39 00-0099 Laboratory Faucets And Fittings (22 42 39)

22 42 39 00-0100	EA	Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927)	132.46	27.54
22 42 39 00-0101	EA	Hot And Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 929).....	215.18	38.90
22 42 39 00-0102	EA	Hot And Cold Faucet With Vacuum Breaker, Single Deck Mount Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 930).....	275.80	38.90
22 42 39 00-0103	EA	Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933).....	172.91	36.33
22 42 39 00-0104	EA	Hot And Cold Wall Mount, 6" Spout With Aerator, Laboratory Faucet (Chicago Faucet 940).....	235.65	51.82
22 42 39 00-0105	EA	Hot And Cold Wall Mount, 6" Spout With Aerator And Vacuum Breaker, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	314.69	51.82
22 42 39 00-0106	EA	Hot And Cold Faucet, Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 946).....	251.06	38.90
22 42 39 00-0107	EA	Hot And Cold Wall Mount, Gooseneck Spout With Aerator Laboratory Faucet (Chicago Faucet 942).....	250.01	51.82
22 42 39 00-0108	EA	Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP).....	162.66	29.92
22 42 39 00-0109	EA	Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP).....	229.23	42.26
22 42 39 00-0110	EA	Deck Mount Lavatory Faucet, 4" Center Set, Lever Handles (Chicago Faucet 802)	179.13	42.26
22 42 39 00-0111	EA	Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 895-317CP).....	216.31	42.26
22 42 39 00-0112	EA	Gas Ball Valve, Removable Nozzle, Less Index Button (Chicago Faucet 909-LESS216-28CP).....	58.01	25.99
22 42 39 00-0113	EA	Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP)	60.32	25.99
22 42 39 00-0114	EA	Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	345.76	46.68
22 42 39 00-0115	EA	Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP).....	441.26	46.68
22 42 39 00-0116	EA	Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP).....	528.26	46.68
22 42 39 00-0117	EA	Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	468.52	46.68
22 42 39 00-0118	EA	Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	555.63	46.68
22 42 39 00-0119	EA	Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA)	91.27	25.68
22 42 39 00-0120	EA	90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA)	125.77	30.81
22 42 39 00-0121	EA	180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA).....	125.77	30.81
22 42 39 00-0122	EA	Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA)	160.26	35.95
22 42 39 00-0123	EA	Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA).....	194.75	41.08

22 42 39 00-0124 Gooseneck Faucets With Independent Eyewash (22 42 39)

22 42 39 00-0125	EA	Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA).....	540.56	29.17
22 42 39 00-0126	EA	Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL).....	591.14	27.23
22 42 39 00-0127	EA	8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8).....	624.49	29.17

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0128	EA		Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST).....	649.52	29.17
22 42 39 00-0129	EA		Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW).....	875.95	19.46
22 42 39 00-0130	EA		Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP).....	1,217.00	48.63
22 42 39 00-0131	EA		Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW).....	1,416.51	48.63
22 42 39 00-0132	EA		8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW).....	1,500.44	48.63
22 42 39 00-0133	EA		Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101).....	162.61	29.58
22 42 39 00-0134	EA		Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200).....	176.86	29.58
22 42 39 00-0135	EA		Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201).....	189.32	29.58
22 42 39 00-0136	EA		6 Gallon Capacity, Tempering Valve (WaterSaver AP3600).....	756.65	19.46
22 42 39 00-0137			Bubblers And Glass Fillers (22 42 39)		
22 42 39 00-0138	EA		Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP).....	228.22	27.54
22 42 39 00-0139	EA		Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP).....	206.45	36.33
22 42 39 00-0140	EA		7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP).....	225.21	27.54
22 42 39 00-0141	EA		Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP).....	144.98	39.47
22 42 39 00-0142	EA		Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF).....	266.55	29.92
22 42 39 00-0143	EA		Self Closing Lever Handle Drinking Bubbler, 1/2" IPS (Haws 5057LF).....	290.81	29.92
22 42 39 00-0144	EA		Push Button Bubbler, 1/2" OD (Haws 5017LF).....	270.01	29.92
22 42 39 00-0145	EA		Push Button Bubbler, 3/8" NPT (Haws 5010-6427).....	226.23	29.92
22 42 39 00-0146			Electronic Infrared Sensor Faucets (22 42 39)		
22 42 39 00-0147	EA		Electronic Lavatory Faucet (American Standard 6055.205.002).....	421.08	64.89
			<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0148	EA		Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002).....	424.86	64.89
			<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0149	EA		Electronic Gooseneck Faucets (Chicago Faucet 116.103.AB.1).....	565.31	70.49
22 42 39 00-0150	EA		Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1).....	586.92	64.89
22 42 39 00-0151	EA		Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880).....	864.64	70.49
22 42 39 00-0152	EA		Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT).....	1,077.65	70.49
22 42 39 00-0153	EA		Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187).....	1,007.80	70.49
22 42 39 00-0154	EA		Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM).....	707.66	64.89
22 42 39 00-0155	EA		Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60).....	843.81	64.89
22 42 39 00-0156			Removal And Reinstallation Of Fixtures And Trim (22 42 39)		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0157	EA		Remove And Reinstall Faucet.....	67.62	
22 42 43			Flushometers (22 42)		
22 42 43 00-0001			Removal And Reinstallation Of Fixtures And Trim (22 42 43)		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0002	EA		Remove And Reinstall Flush Valve.....	105.65	
22 42 43 00-0003			Plumbing Control Transformers (22 42 43)		
22 42 43 00-0004	EA		6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6).....	35.44	
22 42 46			Chemical Toilets (22 42)		
			Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001			Standard Chemical Toilets (22 42 46)		
22 42 46 00-0002			Small Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0003	EA		Chemical Toilet, Small Tank 7,000 Uses/Year.....	3,260.21	778.02
			<i>For Extra Urinal, Add</i>	108.17	
22 42 46 00-0004			Medium Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0005	EA		Chemical Toilet, Medium Tank 13,000 Uses/Year.....	3,872.73	926.63
			<i>For Extra Urinal, Add</i>	127.93	
22 42 46 00-0006			Large Tank Chemical Toilets (22 42 46 00-0001)		
22 42 46 00-0007	EA		Chemical Toilet, Large Tank 28,000 Uses/Year.....	4,734.21	1,051.11
			<i>For Extra Urinal, Add</i>	179.35	
22 43			Healthcare Plumbing Fixtures (22 40)		
22 43 13			Healthcare Water Closets (22 43)		
22 43 13 00-0001			Healthcare Water Closets (22 43 13)		
22 43 13 00-0002	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA).....	682.78	80.91
22 43 13 00-0003	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA).....	527.22	80.91

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

22 43 16 Healthcare Sinks (22 43)

22 43 16 00-0001 Healthcare Sinks (22 43 16)			
Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.			
22 43 16 00-0002	EA	25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,092.75 52.13
22 43 16 00-0003	EA	29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,155.55 149.77
22 43 16 00-0004	EA	28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard)	1,046.22 52.13
		<i>For Painted Bracket Supports, Add</i>	<i>20.75</i>
22 43 16 00-0005	EA	20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard)	906.61 52.13

22 43 16 00-0006 Surgical Scrub Sinks (22 43 16)

22 43 16 00-0007	EA	25" Wide x 20" Deep x 43" High Single Surgical Scrub Sink (FHCSS25-IR)	2,695.98 116.70
Note: Features infra red sensor operated water, under counter mixing valve, swivel gooseneck spout with aerator. Unit will be supported by a z-bracket and main support bracket supplied with the sink.			
22 43 16 00-0008	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32)	4,120.06 155.60
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0009	EA	32" Wide x 27-1/2" Deep x 37-1/8" High Single Surgical Scrub Sink (FHCSS32-IR)	4,120.06 155.60
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0010	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64)	5,431.95 194.50
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0011	EA	64" Wide x 27-1/2" Deep x 37-1/8" High Double Surgical Scrub Sink (FHCSS64-IR)	5,431.95 194.50
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0012	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96)	7,080.41 233.41
Note: Features knee operated water and soap, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0013	EA	96" Wide x 27-1/2" Deep x 37-1/8" High Triple Surgical Scrub Sink (FHCSS96-IR)	7,080.41 233.41
Note: Features infra red sensor operated water, adjustable water temperature, faucet with rose spray aerator, wall mounted or free standing, large scrub area, sloped bottom to minimize splash. Unit will be supported by a z-bracket and two main brackets supplied with the sink. It is recommended that a chair carrier be used for support.			
22 43 16 00-0014	EA	Single Chair Carrier (FHC P-617106-846)	313.03 58.36
22 43 16 00-0015	EA	Double Chair Carrier (FHC P-617106-851)	332.03 62.24
22 43 16 00-0016	EA	Triple Chair Carrier (FHC P-617106-852)	362.26 66.13

22 43 39 Healthcare Faucets (22 43)

22 43 39 00-0001 Medical Faucet Spouts (22 43 39)			
22 43 39 00-0002	EA	Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522)	90.74 11.67

22 43 39 00-0003 Centerset Medical Faucets (22 43 39)

22 43 39 00-0004	EA	Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	359.24 57.11
22 43 39 00-0005	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	363.18 57.11
22 43 39 00-0006	EA	Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	362.78 57.11
22 43 39 00-0007	EA	Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04)	325.38 57.11
22 43 39 00-0008	EA	Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04)	311.99 57.11

22 43 39 00-0009 Electronic Proximity Medical Faucets (22 43 39)

22 43 39 00-0010	EA	DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU)	532.59 57.11
------------------	----	---	--------------

22 43 39 00-0011 Bedpan Washers (22 43 39)

22 43 39 00-0012	EA	Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675)	845.26 103.79
22 43 39 00-0013	EA	Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	804.04 103.79
22 43 39 00-0014	EA	Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685)	791.83 103.79
22 43 39 00-0015	EA	Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	779.95 103.79

22 43 39 00-0016 Foot And Knee Faucet Controls (22 43 39)

22 Plumbing
22 40 Plumbing Fixtures
22 43 Healthcare Plumbing Fixtures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 39 00-0017	EA		Single Supply Metering Pedal Valve (Chicago Faucet 628).....	279.48	103.79
22 43 39 00-0018	EA		Double Supply Metering Pedal Valve (Chicago Faucet 625).....	322.95	103.79
22 43 39 00-0019	EA		Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP).....	658.01	103.79
22 43 43 Healthcare Plumbing Fixture Flushometers (22 43)					
22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers (22 43 43)					
22 43 43 00-0002	EA		Exposed Manual Service Sink Flush Valve (Sloan Royal-117).....	205.27	26.53
22 43 43 00-0003	EA		Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW).....	476.82	26.53
22 43 46 Patient Care Fixtures (22 43)					
22 43 46 00-0001 Modular Patient Care Units (22 43 46)					
22 43 46 00-0002	EA		47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	10,053.11	155.60
			For SDB Single Temperature Dialysis Box, Add	722.50	
			For DDB Dual Temperature Dialysis Box, Add	767.38	
			For BWSEV Bedpan Washer With Elevated Valve, Add	592.39	
			For LOCK Flush Valve Lockout Device, Add	407.25	
22 43 46 00-0003	EA		31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	7,935.69	136.16
			For SDB Single Temperature Dialysis Box, Add	722.50	
			For DDB Dual Temperature Dialysis Box, Add	767.38	
			For BWSEV Bedpan Washer With Elevated Valve, Add	592.39	
			For LOCK Flush Valve Lockout Device, Add	407.25	
22 43 46 00-0004 Patient Care Plumbing Accessories (22 43 46)					
22 43 46 00-0005	EA		One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920).....	953.71	21.13
22 43 46 00-0006	EA		Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919).....	1,049.52	21.13
22 45 Emergency Plumbing Fixtures (22 40)					
22 45 13 Emergency Showers (22 45)					
22 45 13 00-0001 Emergency Drench Showers (22 45 13)					
22 45 13 00-0002 Emergency Drench Showers (Haws) (22 45 13 00-0001)					
Note: Includes one pull rod.					
22 45 13 00-0003	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122)	500.69	136.16
22 45 13 00-0004	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123)	571.56	136.16
22 45 13 00-0005	EA		Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC).....	610.93	136.16
22 45 13 00-0006	EA		Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130)	729.06	136.16
22 45 13 00-0007	EA		Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H)	973.19	136.16
22 45 13 00-0008	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100)	775.83	155.60
22 45 13 00-0009	EA		Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP)	850.17	175.06
22 45 13 00-0010	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169).....	775.36	175.06
22 45 13 00-0011	EA		Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163)	791.11	175.06
22 45 13 00-0012	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164)	1,086.42	175.06
22 45 13 00-0013 Emergency Drench Showers (Speakman) (22 45 13 00-0001)					
Note: Includes one pull rod.					
22 45 13 00-0014	EA		Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220).....	424.13	136.16
22 45 13 00-0015	EA		Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227).....	427.93	136.16
22 45 13 00-0016	EA		Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253).....	672.10	155.60
22 45 13 00-0017 Emergency Drench Showers (Guardian) (22 45 13 00-0001)					
Note: Includes one pull rod.					
22 45 13 00-0018	EA		All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994).....	2,859.47	136.16
22 45 13 00-0019 Emergency Drench Showers (WaterSaver) (22 45 13 00-0001)					
Note: Includes one pull rod.					
22 45 13 00-0020	EA		Emergency Shower, Vertically Mounted (WaterSaver ES635)	480.21	136.16
22 45 13 00-0021	EA		Emergency Shower, Horizontally Mounted (WaterSaver ES643)	489.30	136.16
22 45 13 00-0022	EA		All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691)	934.53	136.16
22 45 13 00-0023	EA		Emergency Shower, Recess Mounted (WaterSaver ES629).....	732.37	175.06
22 45 13 00-0024	EA		Emergency Shower, Semi-Concealed (WaterSaver ES658)	938.08	175.06
22 45 16 Eyewash Equipment (22 45)					
22 45 16 00-0001 Emergency Eyewash Equipment (22 45 16)					
22 45 16 00-0002 Emergency Eyewash Equipment (Haws) (22 45 16 00-0001)					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 16 00-0003 EA Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620).....	212.53	3.89
22 45 16 00-0004 EA Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP).....	1,023.42	175.06
22 45 16 00-0005 Emergency Eyewash Equipment (WaterSaver) (22 45 16 00-0001)		
22 45 16 00-0006 EA Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805).....	405.40	38.90
22 45 16 00-0007 EA Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH).....	405.40	38.90
22 45 16 00-0008 EA Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806).....	412.29	38.90
22 45 16 00-0009 EA Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH).....	412.29	38.90
22 45 16 00-0010 EA Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822).....	538.75	38.90
22 45 16 00-0011 EA Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848).....	609.99	38.90
22 45 16 00-0012 EA Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849).....	609.99	38.90
22 45 16 00-0013 EA Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893).....	1,106.87	38.90
22 45 16 00-0014 EA Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH).....	1,106.87	38.90
22 45 16 00-0015 EA Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895).....	1,157.00	38.90
22 45 16 00-0016 EA Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH).....	1,157.00	38.90
22 45 16 00-0017 EA Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898).....	1,420.79	38.90
22 45 16 00-0018 EA Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899).....	1,420.79	38.90
22 45 16 00-0019 EA Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808).....	792.11	136.16
22 45 16 00-0020 EA Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810).....	782.39	136.16
22 45 16 00-0021 EA Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814).....	590.74	136.16
22 45 16 00-0022 EA Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC).....	792.85	136.16
22 45 16 00-0023 EA Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P).....	518.59	136.16
22 45 23 Personal Eyewash Equipment (22 45)		
22 45 23 00-0001 Portable Eyewash Equipment (22 45 23)		
22 45 23 00-0002 Portable Eyewash Equipment (Bradley) (22 45 23 00-0001)		
22 45 23 00-0003 EA Portable (Wall Mounted) Heated Gravity-Fed Emergency Eye/Face Wash (Bradley S19-921H).....	1,273.52	11.67
22 45 26 Eye/Face Wash Equipment (22 45)		
22 45 26 00-0001 Emergency Eye/Face Wash Equipment (22 45 26)		
22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) (22 45 26 00-0001)		
22 45 26 00-0003 EA Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460)..... Note: Excludes p-trap and tailpiece.	537.06	97.26
22 45 26 00-0004 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324).....	544.00	136.16
22 45 26 00-0005 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B)..... Note: Excludes p-trap and tailpiece.	532.19	136.16
22 45 26 00-0006 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT)..... Note: Excludes p-trap and tailpiece.	578.65	136.16
22 45 26 00-0007 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B)..... Note: Excludes p-trap and tailpiece.	583.37	136.16
22 45 26 00-0008 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT)..... Note: Excludes p-trap and tailpiece.	639.29	136.16
22 45 26 00-0009 EA Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC).....	862.93	136.16
22 45 26 00-0010 EA Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B).....	1,611.06	136.16
22 45 26 00-0011 EA Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271).....	665.59	155.60
22 45 26 00-0012 EA Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461).....	756.15	155.60
22 45 26 00-0013 EA Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777).....	1,669.65	155.60
22 45 26 00-0014 EA Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611).....	443.99	38.90
22 45 26 00-0015 EA Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612).....	428.24	38.90
22 45 26 00-0016 EA Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH).....	447.92	38.90
22 45 26 00-0017 EA Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610).....	562.11	38.90
22 45 26 00-0018 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC).....	1,381.26	194.50
22 45 26 00-0019 EA Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM).....	1,661.77	155.60
22 45 26 00-0020 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC).....	1,712.01	194.50
22 45 26 00-0021 EA Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM).....	2,000.40	155.60
22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) (22 45 26 00-0001)		
22 45 26 00-0023 EA Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495).....	471.73	136.16
22 45 26 00-0024 EA Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496).....	571.74	155.60

22 Plumbing
22 40 Plumbing Fixtures
22 45 Emergency Plumbing Fixtures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0025			Emergency Eye/Face Wash Equipment (WaterSaver) (22 45 26 00-0001)		
22 45 26 00-0026	EA		Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724).....	717.57	136.16
22 45 26 00-0027	EA		Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC).....	919.68	136.16
22 45 26 00-0028	EA		Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727).....	893.98	136.16
22 45 26 00-0029	EA		Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765).....	832.67	136.16
22 45 26 00-0030	EA		Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774).....	425.46	38.90
22 45 26 00-0031	EA		Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH).....	425.46	38.90
22 45 26 00-0032	EA		Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775).....	413.50	38.90
22 45 26 00-0033	EA		Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH).....	413.50	38.90
22 45 26 00-0034	EA		Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778).....	618.98	38.90
22 45 26 00-0035	EA		Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779).....	618.98	38.90
22 45 29			Hand-Held Emergency Drench Hoses (22 45)		
22 45 29 00-0001			Hand-Held Emergency Eye/Face/Body Wash With Hose (22 45 29)		
22 45 29 00-0002			Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)		
22 45 29 00-0003	EA		Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	475.26	48.63
22 45 29 00-0004	EA		Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	546.14	48.63
22 45 29 00-0005			Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) (22 45 29 00-0001)		
22 45 29 00-0006	EA		Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020).....	338.29	48.63
22 45 29 00-0007	EA		Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025).....	314.28	48.63
22 45 29 00-0008	EA		Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014).....	455.51	48.63
22 45 29 00-0009	EA		Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022).....	428.80	48.63
22 45 29 00-0010	EA		Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026).....	438.36	48.63
22 45 29 00-0011	EA		Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028).....	564.30	48.63
22 45 29 00-0012	EA		Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB).....	648.06	48.63
22 45 29 00-0013	EA		Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041).....	619.66	48.63
22 45 33			Combination Emergency Fixture Units (22 45)		
22 45 33 00-0001			Emergency Shower With Eye/Face Wash (22 45 33)		
22 45 33 00-0002			Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)		
22 45 33 00-0003	EA		Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	2,809.15	252.86
22 45 33 00-0004	EA		Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP).....	1,911.40	252.86
			Note: Includes freeze protection bury valve.		
22 45 33 00-0005	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,340.46	252.86
22 45 33 00-0006	EA		Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	2,116.15	252.86
22 45 33 00-0007	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	1,560.96	252.86
22 45 33 00-0008	EA		Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	1,470.40	252.86
22 45 33 00-0009	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,261.71	252.86
22 45 33 00-0010	EA		Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	2,045.27	252.86
22 45 33 00-0011	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	2,238.21	252.86
22 45 33 00-0012	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	2,281.52	252.86
22 45 33 00-0013	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	2,545.33	252.86
22 45 33 00-0014	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD).....	2,698.90	252.86
22 45 33 00-0015	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	2,655.59	252.86
22 45 33 00-0016	EA		Floor Mounted, 120 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	3,954.96	252.86
22 45 33 00-0017	EA		Floor Mounted, 220 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	4,167.59	252.86
22 45 33 00-0018	EA		Floor Mounted, C1D1 Rated, 120 VAC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	8,774.46	252.86
22 45 33 00-0019	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,261.71	252.86
22 45 33 00-0020	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	1,423.15	252.86

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

22 45 33 00-0021 Emergency Shower With Eye/Face Wash (Speakman) (22 45 33 00-0001)		
22 45 33 00-0022 EA Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	1,087.25	252.86
22 45 33 00-0023 Emergency Shower With Eye/Face Wash (WaterSaver) (22 45 33 00-0001)		
22 45 33 00-0024 EA All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994)	2,925.51	211.30
22 45 33 00-0025 EA Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC).....	2,986.42	211.30
22 45 33 00-0026 EA Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	1,269.83	211.30
22 45 33 00-0027 EA Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P).....	1,175.07	211.30
22 45 33 00-0028 EA Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC).....	1,471.94	211.30

22 45 36 Emergency Fixture Water-Tempering Equipment (22 45)

22 45 36 00-0001 Emergency Fixture Water-Tempering Equipment (22 45 36)		
22 45 36 00-0002 Emergency Fixture Water-Tempering Equipment (Haws) (22 45 36 00-0001)		
22 45 36 00-0003 EA 10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW).....	502.82	48.63
22 45 36 00-0004 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE).....	735.14	48.63
22 45 36 00-0005 EA 31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E).....	1,077.70	48.63
22 45 36 00-0006 EA 78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E).....	1,270.64	48.63
22 45 36 00-0007 EA 31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	1,798.26	48.63
22 45 36 00-0008 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE).....	1,896.70	48.63
22 45 36 00-0009 EA 74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE).....	3,184.26	48.63
22 45 36 00-0010 EA 78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF).....	3,826.07	48.63
22 45 36 00-0011 EA 1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	561.88	48.63

22 45 39 Emergency Plumbing Fixture Accessories (22 45)

22 45 39 00-0001 Emergency Plumbing Fixture Accessories (22 45 39)		
22 45 39 00-0002 Emergency Plumbing Fixture Accessories (Haws) (22 45 39 00-0001)		
22 45 39 00-0003 EA Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220).....	129.56	15.56
22 45 39 00-0004 EA Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	180.74	15.56
22 45 39 00-0005 EA Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS).....	188.62	15.56
22 45 39 00-0006 EA Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS).....	208.55	5.83
22 45 39 00-0007 EA Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102).....	212.53	3.89
22 45 39 00-0008 EA 3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020).....	232.12	7.78
22 45 39 00-0009 EA Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK).....	412.01	58.36
22 45 39 00-0010 EA Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP)	421.78	25.84
22 45 39 00-0011 EA Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT).....	626.54	25.84
22 45 39 00-0012 EA Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037).....	735.14	58.36
22 45 39 00-0013 EA Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,394.35	25.84
22 45 39 00-0014 EA 1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5).....	1,550.34	86.10
22 45 39 00-0015 EA 1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001).....	1,581.84	86.10
22 45 39 00-0016 EA 1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	2,928.47	86.10
22 45 39 00-0017 EA 1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	5,566.60	86.10

22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) (22 45 39 00-0001)		
22 45 39 00-0019 EA Privacy Curtain For Emergency Showers.....	671.94	58.36
Note: Curtain includes stainless steel curtain rod and mounting accessories.		

22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) (22 45 39 00-0001)		
22 45 39 00-0021 EA Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC).....	89.48	12.68

22 47 Drinking Fountains And Water Coolers (22 40)

22 47 13 Drinking Fountains (22 47)

22 47 13 00-0001 Indoor Drinking Fountains (22 47 13)		
22 47 13 00-0002 Face Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0003 EA Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubblers, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,453.99	126.43
22 47 13 00-0004 EA Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubblers, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP).....	1,731.93	136.16

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains And Water Coolers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 47 13 00-0005	EA Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	1,641.08	126.43
22 47 13 00-0006	EA Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	1,759.93	136.16
22 47 13 00-0007	EA Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFS)	967.77	126.43
22 47 13 00-0008	EA Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSBP)	1,148.97	136.16
22 47 13 00-0009	EA Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,046.39	126.43
22 47 13 00-0010	EA Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,170.67	136.16
22 47 13 00-0011	Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0012	EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	995.34	136.16
22 47 13 00-0013	EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Elkay/Halsey-Taylor HTHB-HAC8WF)	1,368.14	136.16
22 47 13 00-0014	EA Bi-Level, Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Elkay/Halsey-Taylor HTHB-HAC8BLWF)	1,951.87	136.16
22 47 13 00-0015	Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0016	EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,342.85	145.88
22 47 13 00-0017	EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	2,907.31	145.88
22 47 13 00-0018	Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0019	EA Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,436.43	155.60
22 47 13 00-0020	EA Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	2,636.66	155.60
22 47 13 00-0021	Countertop Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0022	EA Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	591.26	97.26
22 47 13 00-0023	EA Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	568.67	97.26
22 47 13 00-0024	EA Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028)	692.49	97.26
22 47 13 00-0025	Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0026	EA Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A)	417.74	97.26
22 47 13 00-0027	EA Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	541.55	97.26
22 47 13 00-0028	Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0029	EA Stainless Steel Two Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	2,740.59	155.60
22 47 13 00-0030	EA Stainless Steel Three Station Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	2,988.23	155.60
22 47 13 00-0031	EA Marblyte, Face-Mounted Two Station Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	2,294.12	155.60
22 47 13 00-0032	EA White Enameled Iron Two Station Indoor Drinking Fountains With Bubblers (Haws 1430)	1,883.80	155.60
22 47 13 00-0033	EA White Enameled Iron Three Station Indoor Drinking Fountains With Bubblers (Haws 1435)	2,401.67	155.60
22 47 13 00-0034	EA Stainless Steel, Bi-Level Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,085.09	198.49
22 47 13 00-0035	EA Cast Aluminum Two Station Indoor Drinking Fountains With Bubblers (Haws 1441)	2,793.88	155.60
22 47 13 00-0036	EA Cast Aluminum Three Station Indoor Drinking Fountains With Bubblers (Haws 1408)	2,947.42	155.60
22 47 13 00-0037	Outdoor Drinking Fountains (22 47 13)		
22 47 13 00-0038	Face Mounted (22 47 13 00-0037)		
22 47 13 00-0039	EA Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR)	1,581.94	155.60
22 47 13 00-0040	EA Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEFBP-FR)	1,685.87	155.60
22 47 13 00-0041	EA Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592)	1,258.38	155.60
22 47 13 00-0042	EA Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR)	1,719.31	155.60
22 47 13 00-0043	Free Standing (22 47 13 00-0037)		
22 47 13 00-0044	EA Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715)	2,271.95	145.88
22 47 13 00-0045	EA Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR)	3,192.00	145.88
22 47 13 00-0046	EA Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710)	2,395.77	145.88
22 47 13 00-0047	EA Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR)	3,315.82	145.88
22 47 13 00-0048	EA Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720)	3,438.31	155.60
22 47 13 00-0049	EA Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR)	4,928.66	155.60
22 47 13 00-0050	EA Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591)	1,276.88	145.88
22 47 13 00-0051	EA Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590)	2,205.97	145.88
22 47 13 00-0052	EA Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR)	3,126.93	145.88

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

22 47 13 00-0053	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595)	3,351.55	155.60
22 47 13 00-0054	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR)	4,750.61	155.60
22 47 16 Pressure Water Coolers (22 47)				
22 47 16 00-0001 Indoor Water Coolers (22 47 16)				
22 47 16 00-0002 Face Mounted Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	2,690.88	155.60
22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	2,869.83	155.60
22 47 16 00-0005 Wall Mounted Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q)	1,055.03	155.60
22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q)	1,094.79	155.60
22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q)	1,213.19	155.60
22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,237.59	155.60
22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	920.00	155.60
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,119.20	155.60
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,025.20	155.60
22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	1,781.82	233.41
22 47 16 00-0014	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,579.07	155.60
22 47 16 00-0015 Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,551.21	155.60
22 47 16 00-0017 Fully Recessed Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	2,531.82	175.06
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	3,715.78	175.06
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700)	4,354.76	175.06
22 47 16 00-0021 Free Standing Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q)	1,045.94	136.16
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q)	1,085.71	136.16
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q)	1,205.01	136.16
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	1,400.23	136.16
22 47 16 00-0026 Bottled Water Coolers (22 47 16 00-0001)				
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	427.94	77.80
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water	514.70	77.80
22 47 16 00-0029 Multi-Station Indoor Water Coolers (22 47 16 00-0001)				
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	3,739.42	233.41
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q)	3,911.14	233.41
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	1,704.10	233.41
22 47 16 00-0033 Outdoor Water Coolers (22 47 16)				
22 47 16 00-0034 Wall Mounted Outdoor Water Coolers (22 47 16 00-0033)				
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Vandal Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS)	1,355.87	97.26
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,156.62	97.26
22 47 16 00-0037 Free Standing Outdoor Water Coolers (22 47 16 00-0033)				
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q)	1,830.90	145.88
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	2,186.99	145.88
22 47 16 00-0040 Removal And Reinstallation Of Fixtures And Trim (22 47 16)				
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.				
22 47 16 00-0041	EA	Remove And Reinstall Wall Hung Water Cooler	379.10	
22 47 16 00-0042	EA	Remove And Reinstall Floor Mount Water Cooler	84.52	

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains And Water Coolers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
22 47 19 Water-Station Water Coolers (22 47)

22 47 19 00-0001	Bottle Filler (22 47 19)		
22 47 19 00-0002	EA Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF).....	3,252.29	155.60
	<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0003	EA Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK).....	4,125.00	155.60
	<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0004	EA Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1).....	5,300.84	175.06
	<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0005	EA Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2).....	5,730.95	175.06
	<i>For Stainless Steel Carrier, Add</i>	205.00	
22 47 19 00-0006	EA Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3).....	6,161.07	175.06
	<i>For Stainless Steel Carrier, Add</i>	205.00	

22 47 23 Remote Water Coolers (22 47)

22 47 23 00-0001	Remote Chillers (22 47 23)		
22 47 23 00-0002	EA 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q).....	729.55	52.51
22 47 23 00-0003	EA 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q).....	1,108.15	58.36
22 47 23 00-0004	EA 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q).....	879.98	68.07
22 47 23 00-0005	EA 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q).....	1,246.47	77.80
22 47 23 00-0006	EA 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q).....	1,769.85	116.70
22 47 23 00-0007	EA 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q).....	2,235.78	126.43

22 47 26 Fixture Carriers (22 47)

22 47 26 00-0001	Water Cooler Carriers (22 47 26)		
22 47 26 00-0002	Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)		
	Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003	EA Floor Mounted Hanger Plate Type, Single Water Cooler Carrier.....	318.86	29.57
	<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	14.68	
	<i>For Bi-Level Carrier, Add</i>	172.50	
22 47 26 00-0004	EA Floor Mounted Bearing Plate Type, Single Water Cooler Carrier.....	345.42	29.57
	<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	14.68	
	<i>For Bi-Level Carrier, Add</i>	172.50	

22 50 Pool And Fountain Plumbing Systems (22)**22 51 Swimming Pool Plumbing Systems (22 50)****22 51 13 Swimming Pool Piping (22 51)**

22 51 13 00-0001	Swimming Pool Gutters (22 51 13)		
22 51 13 00-0002	LF Swimming Pool Gutters, Stainless.....	220.83	17.50

22 51 19 Swimming Pool Water Treatment Equipment (22 51)

22 51 19 00-0001	Swimming Pool Heaters (22 51 19)		
	Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0002	Electric Pool Heaters (22 51 19 00-0001)		
22 51 19 00-0003	EA 12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool.....	2,843.70	155.60
22 51 19 00-0004	EA 18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool.....	3,175.90	167.27
22 51 19 00-0005	EA 24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool.....	3,531.30	194.50
22 51 19 00-0006	EA 30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool.....	3,746.66	233.41
22 51 19 00-0007	EA 36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool.....	4,143.56	326.77
22 51 19 00-0008	EA 60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool.....	4,777.94	466.81

22 51 19 00-0009 Gas Fired Pool Heaters (22 51 19 00-0001)

22 51 19 00-0010	EA 120 MBH Output Gas Fired Pool Heater.....	3,159.30	368.97
22 51 19 00-0011	EA 180 MBH Output Gas Fired Pool Heater.....	3,638.62	438.16
22 51 19 00-0012	EA 240 MBH Output Gas Fired Pool Heater.....	4,778.11	768.70
22 51 19 00-0013	EA 300 MBH Output Gas Fired Pool Heater.....	5,742.76	922.44
22 51 19 00-0014	EA 360 MBH Output Gas Fired Pool Heater.....	6,081.32	1,023.11
22 51 19 00-0015	EA 400 MBH Output Gas Fired Pool Heater.....	7,064.67	1,229.48
22 51 19 00-0016	EA 500 MBH Output Gas Fired Pool Heater.....	11,224.20	1,475.37
22 51 19 00-0017	EA 600 MBH Output Gas Fired Pool Heater.....	12,991.11	1,639.30
22 51 19 00-0018	EA 750 MBH Output Gas Fired Pool Heater.....	14,633.27	1,770.44
22 51 19 00-0019	EA 1,000 MBH Output Gas Fired Pool Heater.....	18,713.37	2,090.10

22 51 19 00-0020 Surge Tanks (22 51 19)

	Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0021	EA 1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	11,032.95	615.36
22 51 19 00-0022	EA 1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	12,307.66	615.36
22 51 19 00-0023	EA 2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	14,840.59	766.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0024 EA 5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	19,875.19	1,237.06
22 51 19 00-0025 Diatomite Type Filter System (22 51 19)		
22 51 19 00-0026 EA 35,000 Gallon Filter System, Diatomite	9,777.30	2,017.96
22 51 19 00-0027 EA 45,000 Gallon Filter System, Diatomite	11,659.47	2,421.55
22 51 19 00-0028 Silver Recovery System, X-Ray Film Processing (22 51 19)		
22 51 19 00-0029 EA 20 Gallon/Day Capacity, Silver Recovery System	1,350.75	264.12
22 51 19 00-0030 EA 40 Gallon/Day Capacity, Silver Recovery System	1,975.46	352.20
22 51 19 00-0031 Inline Water Filter (22 51 19)		
Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0032 EA 2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....	183.10	77.80
22 51 19 00-0033 EA 6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body	323.74	116.70

22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities (22)

22 63 Gas Systems For Laboratory And Healthcare Facilities (22 60)

22 63 13 Gas Piping For Laboratory And Healthcare Facilities (22 63)

22 63 13 53 Laboratory Gas Piping (22 63 13)

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2018 for PVC piping.

22 63 13 70 Healthcare Gas Piping (22 63 13)

22 63 13 70-0001 Zone Valve Assemblies (22 63 13 70)

22 63 13 70-0002 Single Zone Valve Assemblies (22 63 13 70-0001)

22 63 13 70-0003 EA 1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-05).....	267.85	61.78
22 63 13 70-0004 EA 3/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-07).....	286.67	66.99
22 63 13 70-0005 EA 1" Single Zone Valve Assembly With Gauge (Amico VBU-M-10).....	304.96	71.27
22 63 13 70-0006 EA 1-1/4" Single Zone Valve Assembly With Gauge (Amico VBU-M-12).....	341.74	77.80
22 63 13 70-0007 EA 1-1/2" Single Zone Valve Assembly With Gauge (Amico VBU-M-15).....	387.82	82.54
22 63 13 70-0008 EA 2" Single Zone Valve Assembly With Gauge (Amico VBU-M-20).....	473.87	89.08

22 63 13 70-0009 Double Zone Valve Assemblies (22 63 13 70-0001)

22 63 13 70-0010 EA 1/2" x 1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0505).....	383.11	88.53
22 63 13 70-0011 EA 1/2" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0507).....	401.92	93.75
22 63 13 70-0012 EA 1/2" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0510).....	423.58	97.95
22 63 13 70-0013 EA 1/2" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0512).....	465.97	104.57
22 63 13 70-0014 EA 1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0515).....	517.67	109.31
22 63 13 70-0015 EA 3/4" x 3/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0707).....	419.62	98.97
22 63 13 70-0016 EA 3/4" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-0710).....	441.28	103.25
22 63 13 70-0017 EA 3/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-0712).....	484.78	109.78
22 63 13 70-0018 EA 3/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-0715).....	515.16	114.53
22 63 13 70-0019 EA 1" x 1" Double Zone Valve Assembly With Gauges (Amico VBU-M-1010).....	458.45	107.45
22 63 13 70-0020 EA 1" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1012).....	486.25	114.06
22 63 13 70-0021 EA 1" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1015).....	534.58	118.81
22 63 13 70-0022 EA 1-1/4" x 1-1/4" Double Zone Valve Assembly With Gauges (Amico VBU-M-1212).....	554.44	120.60
22 63 13 70-0023 EA 1-1/4" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1215).....	575.84	125.42
22 63 13 70-0024 EA 1-1/2" x 1-1/2" Double Zone Valve Assembly With Gauges (Amico VBU-M-1515).....	627.54	130.16

22 63 13 70-0025 Triple Zone Valve Assemblies (22 63 13 70-0001)

22 63 13 70-0026 EA 1/2" x 1/2" x 1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050505).....	518.56	115.22
22 63 13 70-0027 EA 1/2" x 1/2" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050507).....	537.37	120.52
22 63 13 70-0028 EA 1/2" x 1/2" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050510).....	559.03	124.72
22 63 13 70-0029 EA 1/2" x 1/2" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050512).....	602.55	131.33
22 63 13 70-0030 EA 1/2" x 1/2" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050515).....	655.37	136.08
22 63 13 70-0031 EA 1/2" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050707).....	557.32	125.73
22 63 13 70-0032 EA 1/2" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050710).....	578.97	129.93
22 63 13 70-0033 EA 1/2" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050712).....	621.36	136.54
22 63 13 70-0034 EA 1/2" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-050715).....	674.17	141.29
22 63 13 70-0035 EA 1/2" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051010).....	600.64	134.21
22 63 13 70-0036 EA 1/2" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051012).....	643.02	140.82
22 63 13 70-0037 EA 1/2" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-051015).....	695.83	145.57
22 63 13 70-0038 EA 3/4" x 3/4" x 3/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070707).....	576.13	130.94
22 63 13 70-0039 EA 3/4" x 3/4" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070710).....	597.78	135.22
22 63 13 70-0040 EA 3/4" x 3/4" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070712).....	640.16	141.75
22 63 13 70-0041 EA 3/4" x 3/4" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-070715).....	692.98	146.50
22 63 13 70-0042 EA 3/4" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071010).....	619.45	139.42
22 63 13 70-0043 EA 3/4" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071012).....	661.84	146.03
22 63 13 70-0044 EA 3/4" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-071015).....	713.53	150.78
22 63 13 70-0045 EA 1" x 1" x 1" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101010).....	611.94	143.70
22 63 13 70-0046 EA 1" x 1" x 1-1/4" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101012).....	653.21	150.23
22 63 13 70-0047 EA 1" x 1" x 1-1/2" Triple Zone Valve Assembly With Gauges (Amico VBU-M-101015).....	736.31	155.06

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities (22 60)
22 66 53 Laboratory Chemical-Waste And Vent Piping (22 66)

22 66 53 00-0001	Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
22 66 53 00-0002	Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings <small>(22 66 53 00-0001)</small>		
22 66 53 00-0003	Schedule 40 Polypropylene Acid Resistant DWV Pipe <small>(22 66 53 00-0002)</small>		
22 66 53 00-0004	LF 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	10.27	4.43
	For Schedule 80, Add	1.87	
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	1.60	
	For Work In Restricted Working Space, Add	2.00	
22 66 53 00-0005	LF 2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	12.36	4.97
	For Schedule 80, Add	2.52	
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	2.16	
	For Work In Restricted Working Space, Add	2.25	
22 66 53 00-0006	LF 3" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	19.65	7.24
	For Schedule 80, Add	4.56	
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	3.90	
	For Work In Restricted Working Space, Add	3.27	
22 66 53 00-0007	LF 4" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	26.58	9.42
	For Schedule 80, Add	6.46	
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	5.53	
	For Work In Restricted Working Space, Add	4.25	
22 66 53 00-0008	LF 6" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	43.15	13.85
	For Schedule 80, Add	11.65	
	For Fire Retardant Thermoplastic Pipe (Proxylene), Add	9.97	
	For Work In Restricted Working Space, Add	6.22	
22 66 53 00-0009	Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0010	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	39.55	16.73
	For Work In Restricted Working Space, Add	7.53	
22 66 53 00-0011	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	51.07	22.09
	For Work In Restricted Working Space, Add	9.93	
22 66 53 00-0012	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	68.44	25.29
	For Work In Restricted Working Space, Add	11.39	
22 66 53 00-0013	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	98.74	33.45
	For Work In Restricted Working Space, Add	15.06	
22 66 53 00-0014	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	193.39	49.40
	For Work In Restricted Working Space, Add	22.23	
22 66 53 00-0015	Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0016	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	39.31	16.73
	For Work In Restricted Working Space, Add	7.53	
22 66 53 00-0017	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	50.42	22.09
	For Work In Restricted Working Space, Add	9.93	
22 66 53 00-0018	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	69.69	25.29
	For Work In Restricted Working Space, Add	11.39	
22 66 53 00-0019	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	86.20	33.45
	For Work In Restricted Working Space, Add	15.06	
22 66 53 00-0020	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	173.95	49.40
	For Work In Restricted Working Space, Add	22.23	
22 66 53 00-0021	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0022	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	71.61	35.79
	For Work In Restricted Working Space, Add	16.10	
22 66 53 00-0023	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	89.17	45.12
	For Work In Restricted Working Space, Add	20.30	
22 66 53 00-0024	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	117.14	49.40
	For Work In Restricted Working Space, Add	22.23	
22 66 53 00-0025	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	161.73	64.89
	For Work In Restricted Working Space, Add	29.18	
22 66 53 00-0026	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	283.82	103.79
	For Work In Restricted Working Space, Add	46.68	
22 66 53 00-0027	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0028	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	89.14	45.12
	For Work In Restricted Working Space, Add	20.30	
22 66 53 00-0029	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	114.14	49.40
	For Work In Restricted Working Space, Add	22.23	
22 66 53 00-0030	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	111.47	49.40
	For Work In Restricted Working Space, Add	22.23	
22 66 53 00-0031	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	154.88	64.89
	For Work In Restricted Working Space, Add	29.18	
22 66 53 00-0032	EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	157.46	64.89
	For Work In Restricted Working Space, Add	29.18	
22 66 53 00-0033	EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	264.74	103.79
	For Work In Restricted Working Space, Add	46.68	

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

22 66 53 00-0034	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug <small>(22 66 53 00-0002)</small>		
22 66 53 00-0035	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug 80.38		35.79
	<i>For Work In Restricted Working Space, Add</i> 16.10		
22 66 53 00-0036	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug 91.29		45.12
	<i>For Work In Restricted Working Space, Add</i> 20.30		
22 66 53 00-0037	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug 123.64		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0038	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug 164.72		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0039	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug 246.82		103.79
	<i>For Work In Restricted Working Space, Add</i> 46.68		

22 66 53 00-0040	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0041	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye 76.54		35.79
	<i>For Work In Restricted Working Space, Add</i> 16.10		
22 66 53 00-0042	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye 93.73		45.12
	<i>For Work In Restricted Working Space, Add</i> 20.30		
22 66 53 00-0043	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye 119.86		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0044	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye 163.98		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0045	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye 324.99		103.79
	<i>For Work In Restricted Working Space, Add</i> 46.68		

22 66 53 00-0046	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0047	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 99.76		45.12
	<i>For Work In Restricted Working Space, Add</i> 20.30		
22 66 53 00-0048	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 116.77		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0049	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 116.77		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0050	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 161.31		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0051	EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 161.31		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0052	EA 6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 289.53		103.79
	<i>For Work In Restricted Working Space, Add</i> 46.68		
22 66 53 00-0053	EA 6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 291.60		103.79
	<i>For Work In Restricted Working Space, Add</i> 46.68		
22 66 53 00-0054	EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye 265.61		103.79
	<i>For Work In Restricted Working Space, Add</i> 46.68		

22 66 53 00-0055	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses <small>(22 66 53 00-0002)</small>		
22 66 53 00-0056	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross 95.24		44.74
	<i>For Work In Restricted Working Space, Add</i> 20.12		
22 66 53 00-0057	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross 118.31		56.40
	<i>For Work In Restricted Working Space, Add</i> 25.37		
22 66 53 00-0058	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross 160.11		61.78
	<i>For Work In Restricted Working Space, Add</i> 27.79		
22 66 53 00-0059	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross 222.63		81.07
	<i>For Work In Restricted Working Space, Add</i> 36.47		
22 66 53 00-0060	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross 395.50		129.70
	<i>For Work In Restricted Working Space, Add</i> 58.35		

22 66 53 00-0061	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0062	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 70.01		35.79
	<i>For Work In Restricted Working Space, Add</i> 16.10		
22 66 53 00-0063	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 91.55		45.12
	<i>For Work In Restricted Working Space, Add</i> 20.30		
22 66 53 00-0064	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 104.67		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0065	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 144.82		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0066	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 84.44		45.12
	<i>For Work In Restricted Working Space, Add</i> 20.30		
22 66 53 00-0067	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 101.81		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0068	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 102.96		49.40
	<i>For Work In Restricted Working Space, Add</i> 22.23		
22 66 53 00-0069	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 140.56		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		
22 66 53 00-0070	EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend 141.29		64.89
	<i>For Work In Restricted Working Space, Add</i> 29.18		

22 66 53 00-0071	Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps <small>(22 66 53 00-0002)</small>		
-------------------------	--	--	--

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0072	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	82.76 18.67	41.55
22 66 53 00-0073	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	110.13 24.57	54.62
22 66 53 00-0074	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	166.67 33.34	74.15
22 66 53 00-0075	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	234.77 42.44	94.38
22 66 53 00-0076			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters (22 66 53 00-0002)		
22 66 53 00-0077	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	38.87 7.53	16.73
22 66 53 00-0078	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	47.47 9.93	22.09
22 66 53 00-0079	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	55.72 11.39	25.29
22 66 53 00-0080	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	75.82 15.06	33.45
22 66 53 00-0081	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	112.45 22.23	49.40
22 66 53 00-0082			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters (22 66 53 00-0002)		
22 66 53 00-0083	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	37.14 7.53	16.73
22 66 53 00-0084	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	48.78 9.93	22.09
22 66 53 00-0085	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	58.12 11.39	25.29
22 66 53 00-0086	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	78.17 15.06	33.45
22 66 53 00-0087			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings (22 66 53 00-0002)		
22 66 53 00-0088	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	34.99 7.53	16.73
22 66 53 00-0089	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	44.92 9.93	22.09
22 66 53 00-0090	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	52.28 11.39	25.29
22 66 53 00-0091	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	69.15 15.06	33.45
22 66 53 00-0092	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	101.64 22.23	49.40
22 66 53 00-0093			Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)		
22 66 53 00-0094			Glass Acid Resistant DWV Pipe (22 66 53 00-0093)		
22 66 53 00-0095	LF		1-1/2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	17.14 2.57	4.28
22 66 53 00-0096	LF		2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	21.02 2.80	4.67
22 66 53 00-0097	LF		3" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	29.17 3.94	6.54
22 66 53 00-0098	LF		4" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	46.16 5.09	8.48
22 66 53 00-0099	LF		6" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	75.48 6.95	11.59
22 66 53 00-0100			Glass Acid Resistant DWV 90 Or 60 Degree Sweeps (22 66 53 00-0093)		
22 66 53 00-0101	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	56.30 11.41	19.06
22 66 53 00-0102	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	63.43 12.11	20.23
22 66 53 00-0103	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	83.86 13.77	22.95
22 66 53 00-0104	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	121.29 18.20	30.34
22 66 53 00-0105	EA		6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	268.75 25.21	42.01
22 66 53 00-0106			Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps (22 66 53 00-0093)		
22 66 53 00-0107	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	56.47 11.46	19.14
22 66 53 00-0108	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	63.11 12.02	20.00
22 66 53 00-0109	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	83.71 13.73	22.88
22 66 53 00-0110	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	121.30 18.21	30.34

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0111 EA 6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	268.74 25.21	42.01
22 66 53 00-0112 Glass Acid Resistant DWV 90 Or 60 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0113 EA 1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	56.97 11.46	19.14
22 66 53 00-0114 EA 2" Glass Acid Resistant DWV 90 Or 60 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	63.70 12.02	20.00
22 66 53 00-0115 EA 3" Glass Acid Resistant DWV 90 Or 60 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	84.76 13.73	22.88
22 66 53 00-0116 EA 4" Glass Acid Resistant DWV 90 Or 60 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	121.30 18.21	30.34
22 66 53 00-0117 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0118 EA 1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	56.97 11.46	19.14
22 66 53 00-0119 EA 2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	63.70 12.02	20.00
22 66 53 00-0120 EA 3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	84.76 13.73	22.88
22 66 53 00-0121 EA 4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend..... <i>For Work In Restricted Working Space, Add</i>	121.30 18.21	30.34
22 66 53 00-0122 Glass Acid Resistant DWV 90 Degree Bends With Long Leg (22 66 53 00-0093)		
22 66 53 00-0123 EA 1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg..... <i>For Work In Restricted Working Space, Add</i>	64.08 11.46	19.14
22 66 53 00-0124 EA 2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg..... <i>For Work In Restricted Working Space, Add</i>	73.93 12.02	20.00
22 66 53 00-0125 Glass Acid Resistant DWV Double Quarter Bends (22 66 53 00-0093)		
22 66 53 00-0126 EA 1-1/2" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	89.93 17.19	28.63
22 66 53 00-0127 EA 2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	108.67 17.78	29.65
22 66 53 00-0128 EA 2" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	102.91 18.03	30.03
22 66 53 00-0129 EA 3" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	134.99 20.59	34.31
22 66 53 00-0130 EA 4" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	215.08 27.31	45.52
22 66 53 00-0131 EA 6" Glass Acid Resistant DWV Double Quarter Bend..... <i>For Work In Restricted Working Space, Add</i>	325.20 37.82	63.02
22 66 53 00-0132 Glass Acid Resistant DWV Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0133 EA 1-1/2" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	87.00 17.27	28.79
22 66 53 00-0134 EA 2" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	89.34 17.97	29.96
22 66 53 00-0135 EA 3" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	112.37 20.54	34.24
22 66 53 00-0136 EA 4" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	169.79 27.31	45.52
22 66 53 00-0137 EA 6" Glass Acid Resistant DWV Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	337.05 37.81	63.02
22 66 53 00-0138 Glass Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0139 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	88.56 17.74	29.57
22 66 53 00-0140 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	103.39 19.37	32.28
22 66 53 00-0141 EA 3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	108.98 19.84	33.07
22 66 53 00-0142 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	138.85 24.04	40.07
22 66 53 00-0143 EA 4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	144.46 24.27	40.46
22 66 53 00-0144 EA 4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	151.14 24.98	41.63
22 66 53 00-0145 EA 6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	252.36 31.28	52.13
22 66 53 00-0146 EA 6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	270.16 31.98	53.29
22 66 53 00-0147 EA 6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	278.78 34.31	57.19
22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0149 EA 1-1/2" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	121.40 22.88	38.12

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 66 53 00-0150	EA 2" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	125.27 24.04	40.07
22 66 53 00-0151	EA 3" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	158.16 27.54	45.90
22 66 53 00-0152	EA 4" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	248.50 36.41	60.68
22 66 53 00-0153	EA 6" Glass Acid Resistant DWV Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	427.37 50.42	84.02
22 66 53 00-0154	Glass Acid Resistant DWV Reducing Double Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0155	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	123.71 23.57	39.29
22 66 53 00-0156	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	140.64 25.21	42.01
22 66 53 00-0157	EA 3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	147.54 25.67	42.79
22 66 53 00-0158	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	206.22 29.65	49.40
22 66 53 00-0159	EA 4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	205.34 30.34	50.57
22 66 53 00-0160	EA 4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	219.75 31.98	53.29
22 66 53 00-0161	EA 6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	285.73 37.34	62.24
22 66 53 00-0162	EA 6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	308.91 38.97	64.96
22 66 53 00-0163	EA 6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	349.05 43.40	72.35
22 66 53 00-0164	Glass Acid Resistant DWV Tees (22 66 53 00-0093)		
22 66 53 00-0165	EA 1-1/2" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	94.00 17.27	28.79
22 66 53 00-0166	EA 2" Glass Acid Resistant DWV Tee <i>For Work In Restricted Working Space, Add</i>	96.33 17.97	29.96
22 66 53 00-0167	EA 3" Glass Acid Resistant DWV Tee <i>For Work In Restricted Working Space, Add</i>	121.05 20.54	34.24
22 66 53 00-0168	EA 4" Glass Acid Resistant DWV Tee <i>For Work In Restricted Working Space, Add</i>	183.40 27.31	45.52
22 66 53 00-0169	EA 6" Glass Acid Resistant DWV Tee <i>For Work In Restricted Working Space, Add</i>	353.38 37.82	63.02
22 66 53 00-0170	Glass Acid Resistant DWV Reducing Tees (22 66 53 00-0093)		
22 66 53 00-0171	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	95.54 17.74	29.57
22 66 53 00-0172	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	110.67 19.37	32.28
22 66 53 00-0173	EA 3" x 2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	113.28 19.84	33.07
22 66 53 00-0174	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	140.46 24.05	40.07
22 66 53 00-0175	EA 4" x 2" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	143.71 24.27	40.46
22 66 53 00-0176	EA 4" x 3" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	167.52 24.98	41.63
22 66 53 00-0177	EA 6" x 3" Glass Acid Resistant DWV Reducing Tee <i>For Work In Restricted Working Space, Add</i>	300.08 31.97	53.29
22 66 53 00-0178	EA 6" x 4" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	313.78 34.30	57.19
22 66 53 00-0179	Glass Acid Resistant DWV Test Tees With Cleanout (22 66 53 00-0093)		
22 66 53 00-0180	EA 1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	105.97 17.27	28.79
22 66 53 00-0181	EA 2" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	116.63 17.97	29.96
22 66 53 00-0182	EA 3" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	146.64 20.54	34.24
22 66 53 00-0183	EA 4" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	241.72 27.31	45.52
22 66 53 00-0184	EA 6" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	353.38 37.82	63.02
22 66 53 00-0185	Glass Acid Resistant DWV Wyes (22 66 53 00-0093)		
22 66 53 00-0186	EA 1-1/2" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	88.51 17.27	28.79
22 66 53 00-0187	EA 2" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	90.84 17.97	29.96
22 66 53 00-0188	EA 3" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	118.35 20.54	34.24
22 66 53 00-0189	EA 4" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	176.47 27.31	45.52
22 66 53 00-0190	EA 6" Glass Acid Resistant DWV Wye <i>For Work In Restricted Working Space, Add</i>	332.48 37.82	63.02

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

22 66 53 00-0191	Glass Acid Resistant DWV Reducing Wyes (22 66 53 00-0093)		
22 66 53 00-0192	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	90.05	29.57
	<i>For Work In Restricted Working Space, Add</i>	17.74	
22 66 53 00-0193	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	106.48	32.28
	<i>For Work In Restricted Working Space, Add</i>	19.37	
22 66 53 00-0194	EA 3" x 2" Glass Acid Resistant DWV Reducing Wye.....	109.34	33.07
	<i>For Work In Restricted Working Space, Add</i>	19.84	
22 66 53 00-0195	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	144.85	40.07
	<i>For Work In Restricted Working Space, Add</i>	24.05	
22 66 53 00-0196	EA 4" x 2" Glass Acid Resistant DWV Reducing Wye.....	146.21	40.46
	<i>For Work In Restricted Working Space, Add</i>	24.27	
22 66 53 00-0197	EA 4" x 3" Glass Acid Resistant DWV Reducing Wye.....	157.05	41.63
	<i>For Work In Restricted Working Space, Add</i>	24.98	
22 66 53 00-0198	EA 6" x 2" Glass Acid Resistant DWV Reducing Wye.....	245.85	52.13
	<i>For Work In Restricted Working Space, Add</i>	31.27	
22 66 53 00-0199	EA 6" x 3" Glass Acid Resistant DWV Reducing Wye.....	279.33	53.29
	<i>For Work In Restricted Working Space, Add</i>	31.97	
22 66 53 00-0200	EA 6" x 4" Glass Acid Resistant DWV Reducing Wye.....	303.00	57.19
	<i>For Work In Restricted Working Space, Add</i>	34.30	
22 66 53 00-0201	Glass Acid Resistant DWV Double Wyes (22 66 53 00-0093)		
22 66 53 00-0202	EA 1-1/2" Glass Acid Resistant DWV Double Wye	136.46	38.12
	<i>For Work In Restricted Working Space, Add</i>	22.88	
22 66 53 00-0203	EA 2" Glass Acid Resistant DWV Double Wye.....	140.36	40.07
	<i>For Work In Restricted Working Space, Add</i>	24.05	
22 66 53 00-0204	EA 3" Glass Acid Resistant DWV Double Wye.....	181.53	45.90
	<i>For Work In Restricted Working Space, Add</i>	27.54	
22 66 53 00-0205	EA 4" Glass Acid Resistant DWV Double Wye.....	272.39	60.68
	<i>For Work In Restricted Working Space, Add</i>	36.40	
22 66 53 00-0206	EA 6" Glass Acid Resistant DWV Double Wye.....	440.30	84.02
	<i>For Work In Restricted Working Space, Add</i>	50.43	
22 66 53 00-0207	Glass Acid Resistant DWV Reducing Double Wyes (22 66 53 00-0093)		
22 66 53 00-0208	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	138.77	39.29
	<i>For Work In Restricted Working Space, Add</i>	23.57	
22 66 53 00-0209	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	144.23	42.01
	<i>For Work In Restricted Working Space, Add</i>	25.21	
22 66 53 00-0210	EA 3" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	162.14	42.79
	<i>For Work In Restricted Working Space, Add</i>	25.67	
22 66 53 00-0211	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye	196.86	49.40
	<i>For Work In Restricted Working Space, Add</i>	29.65	
22 66 53 00-0212	EA 4" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	206.54	50.57
	<i>For Work In Restricted Working Space, Add</i>	30.34	
22 66 53 00-0213	EA 4" x 3" Glass Acid Resistant DWV Reducing Double Wye.....	238.02	53.29
	<i>For Work In Restricted Working Space, Add</i>	31.97	
22 66 53 00-0214	EA 6" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	352.13	62.24
	<i>For Work In Restricted Working Space, Add</i>	37.33	
22 66 53 00-0215	EA 6" x 3" Glass Acid Resistant DWV Reducing Double Wye.....	369.32	64.96
	<i>For Work In Restricted Working Space, Add</i>	38.98	
22 66 53 00-0216	EA 6" x 4" Glass Acid Resistant DWV Reducing Double Wye.....	397.14	72.35
	<i>For Work In Restricted Working Space, Add</i>	43.42	
22 66 53 00-0217	Glass Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0093)		
22 66 53 00-0218	EA 1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	96.41	28.79
	<i>For Work In Restricted Working Space, Add</i>	17.27	
22 66 53 00-0219	EA 2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	99.07	29.96
	<i>For Work In Restricted Working Space, Add</i>	17.97	
22 66 53 00-0220	EA 3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	123.24	34.24
	<i>For Work In Restricted Working Space, Add</i>	20.54	
22 66 53 00-0221	EA 4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	179.02	45.52
	<i>For Work In Restricted Working Space, Add</i>	27.31	
22 66 53 00-0222	EA 6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend	325.35	63.02
	<i>For Work In Restricted Working Space, Add</i>	37.82	
22 66 53 00-0223	Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends (22 66 53 00-0093)		
22 66 53 00-0224	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	98.28	29.57
	<i>For Work In Restricted Working Space, Add</i>	17.74	
22 66 53 00-0225	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	107.73	32.28
	<i>For Work In Restricted Working Space, Add</i>	19.37	
22 66 53 00-0226	EA 3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	114.33	33.07
	<i>For Work In Restricted Working Space, Add</i>	19.84	
22 66 53 00-0227	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	141.86	40.07
	<i>For Work In Restricted Working Space, Add</i>	24.05	
22 66 53 00-0228	EA 4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	146.86	40.46
	<i>For Work In Restricted Working Space, Add</i>	24.27	
22 66 53 00-0229	EA 4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	157.80	41.63
	<i>For Work In Restricted Working Space, Add</i>	24.98	
22 66 53 00-0230	EA 6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	246.30	52.13
	<i>For Work In Restricted Working Space, Add</i>	31.27	
22 66 53 00-0231	EA 6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	274.99	53.29
	<i>For Work In Restricted Working Space, Add</i>	31.97	

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0232	EA		6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	283.05 34.30	57.19
22 66 53 00-0233			Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0234	EA		2" x 1-1/2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	128.98 22.88	38.12
22 66 53 00-0235	EA		2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	146.65 24.05	40.07
22 66 53 00-0236	EA		3" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	191.01 27.54	45.90
22 66 53 00-0237	EA		4" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	294.44 36.40	60.68
22 66 53 00-0238	EA		6" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	475.49 50.43	84.02
22 66 53 00-0239			Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0240	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	132.43 23.57	39.29
22 66 53 00-0241	EA		3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	161.89 25.21	42.01
22 66 53 00-0242	EA		3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	160.55 25.67	42.79
22 66 53 00-0243	EA		4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	209.13 29.65	49.40
22 66 53 00-0244	EA		4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	208.49 30.34	50.57
22 66 53 00-0245	EA		4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	231.09 31.97	53.29
22 66 53 00-0246	EA		6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	319.99 37.33	62.24
22 66 53 00-0247	EA		6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	339.89 38.98	64.96
22 66 53 00-0248	EA		6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	393.65 43.42	72.35
22 66 53 00-0249			Glass Acid Resistant DWV Partition Crosses (Compact) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0250	EA		2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	142.41 23.57	39.29
22 66 53 00-0251	EA		2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	144.00 24.05	40.07
22 66 53 00-0252	EA		2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	150.93 23.34	38.90
22 66 53 00-0253			Glass Acid Resistant DWV Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0254	EA		1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	132.11 17.27	28.79
22 66 53 00-0255	EA		2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	144.16 17.97	29.96
22 66 53 00-0256	EA		3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	165.69 20.54	34.24
22 66 53 00-0257	EA		4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	239.37 27.31	45.52
22 66 53 00-0258	EA		6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	431.70 37.82	63.02
22 66 53 00-0259			Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0260	EA		2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	133.35 17.74	29.57
22 66 53 00-0261	EA		3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	151.08 19.37	32.28
22 66 53 00-0262	EA		3" x 2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	159.87 19.84	33.07
22 66 53 00-0263	EA		4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	186.75 24.05	40.07
22 66 53 00-0264	EA		4" x 2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	196.14 24.27	40.46
22 66 53 00-0265	EA		4" x 3" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	213.27 24.98	41.63
22 66 53 00-0266	EA		6" x 3" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	302.13 31.97	53.29
22 66 53 00-0267	EA		6" x 4" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	341.41 34.30	57.19
22 66 53 00-0268			Glass Acid Resistant DWV Reducers Or Increases <small>(22 66 53 00-0093)</small>		
22 66 53 00-0269	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser <i>For Eccentric Reducers Or Increases, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.86 1.28 11.67	19.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0270 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	65.71 1.90 12.60	21.01
22 66 53 00-0271 EA 3" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	69.33 2.12 12.84	21.40
22 66 53 00-0272 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	86.86 2.96 14.94	24.89
22 66 53 00-0273 EA 4" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	89.93 3.15 15.17	25.29
22 66 53 00-0274 EA 4" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	95.46 3.40 15.87	26.45
22 66 53 00-0275 EA 6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	169.22 8.62 18.44	30.73
22 66 53 00-0276 EA 6" x 2" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	176.82 9.17 18.67	31.12
22 66 53 00-0277 EA 6" x 3" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	187.00 9.79 19.37	32.28
22 66 53 00-0278 EA 6" x 4" Glass Acid Resistant DWV Reducer Or Increaser..... <i>For Eccentric Reducers Or Increasers, Add For Work In Restricted Working Space, Add</i>	198.31 10.08 21.71	36.18
22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps (22 66 53 00-0093)		
22 66 53 00-0280 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	113.74 17.27	28.79
22 66 53 00-0281 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	120.64 17.74	29.57
22 66 53 00-0282 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	132.64 17.97	29.96
22 66 53 00-0283 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	121.02 17.27	28.79
22 66 53 00-0284 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	129.92 17.74	29.57
22 66 53 00-0285 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	143.12 17.97	29.96
22 66 53 00-0286 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	123.02 17.27	28.79
22 66 53 00-0287 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	129.92 17.74	29.57
22 66 53 00-0288 EA 2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	143.12 17.97	29.96
22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps (22 66 53 00-0093)		
22 66 53 00-0290 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	145.67 17.27	28.79
22 66 53 00-0291 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	177.35 17.74	29.57
22 66 53 00-0292 EA 2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	182.13 17.97	29.96
22 66 53 00-0293 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	157.79 17.27	28.79
22 66 53 00-0294 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	166.43 17.74	29.57
22 66 53 00-0295 EA 2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	184.47 17.97	29.96
22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs (22 66 53 00-0093)		
22 66 53 00-0297 EA 1-1/2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	26.89 5.84	9.73
22 66 53 00-0298 EA 2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	29.61 6.07	10.11
22 66 53 00-0299 EA 3" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	35.99 6.77	11.28
22 66 53 00-0300 EA 4" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	54.48 9.10	15.18
22 66 53 00-0301 EA 6" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	77.28 12.60	21.01
22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings (22 66 53 00-0093)		
22 66 53 00-0303 EA 1-1/2" Glass Acid Resistant DWV Interceptor Trap..... <i>For Work In Restricted Working Space, Add</i>	289.30 22.88	38.12
22 66 53 00-0304 EA 1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly..... <i>For Work In Restricted Working Space, Add</i>	33.28 5.84	9.73
22 66 53 00-0305 EA 1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly..... <i>For Work In Restricted Working Space, Add</i>	35.92 5.84	9.73
22 66 53 00-0306 EA 1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	55.26 11.67	19.46

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 53 00-0307	EA	3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	95.08	20.23
			12.14	
22 66 53 00-0308	EA	6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	96.08	20.23
			12.14	
22 66 53 00-0309	EA	3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	106.06	20.23
			12.14	
22 66 53 00-0310	EA	3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	89.70	20.23
			12.14	
22 66 53 00-0311		Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters <small>(22 66 53 00-0093)</small>		
		Note: Includes teflon spacer.		
22 66 53 00-0312	EA	1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	94.42	28.71
			17.22	
22 66 53 00-0313	EA	2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	98.68	30.11
			18.07	
22 66 53 00-0314	EA	3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	130.00	34.31
			20.59	
22 66 53 00-0315	EA	4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	182.44	45.60
			27.33	
22 66 53 00-0316		Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0093)</small>		
		Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.		
22 66 53 00-0317	EA	1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	12.52	
22 66 53 00-0318	EA	2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	15.80	
22 66 53 00-0319	EA	3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	21.12	
22 66 53 00-0320	EA	4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	35.58	
22 66 53 00-0321	EA	6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping	82.89	
22 66 53 00-0322		Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0093)</small>		
		Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323	EA	1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	16.15	
22 66 53 00-0324	EA	2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	20.20	
22 66 53 00-0325	EA	3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	34.30	
22 66 53 00-0326	EA	4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	51.13	
22 66 53 00-0327	EA	6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings	124.67	
22 66 53 00-0328		Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
		Note: Acid resistant. ASTM A518.		
22 66 53 00-0329		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe <small>(22 66 53 00-0328)</small>		
22 66 53 00-0330	LF	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	63.06	6.93
22 66 53 00-0331	LF	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	88.41	8.64
22 66 53 00-0332	LF	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	119.74	9.96
22 66 53 00-0333	LF	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	196.39	14.38
22 66 53 00-0334	LF	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	344.24	19.14
22 66 53 00-0335	LF	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	605.49	24.14
22 66 53 00-0336	LF	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,076.12	32.52
22 66 53 00-0337	LF	15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,909.74	37.29
22 66 53 00-0338		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0328)</small>		
22 66 53 00-0339		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0338)</small>		
22 66 53 00-0340	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	261.82	58.97
22 66 53 00-0341	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	338.44	64.89
22 66 53 00-0342	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	541.03	77.65
22 66 53 00-0343	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	802.22	95.01
22 66 53 00-0344	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,819.84	153.82
22 66 53 00-0345		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0338)</small>		
22 66 53 00-0346	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	160.17	58.97
22 66 53 00-0347	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	204.90	64.89
22 66 53 00-0348	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	256.00	77.65
22 66 53 00-0349	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	644.75	95.01
22 66 53 00-0350	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,440.53	153.82
22 66 53 00-0351	EA	10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	2,173.68	191.64
22 66 53 00-0352	EA	12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,174.97	230.46
22 66 53 00-0353		Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0338)</small>		
22 66 53 00-0354	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	160.17	58.97
22 66 53 00-0355	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	204.90	64.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0356 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	256.00	77.65
22 66 53 00-0357 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	481.30	95.01
22 66 53 00-0358 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	1,229.24	153.82
22 66 53 00-0359 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	1,785.29	191.64
22 66 53 00-0360 EA 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	2,517.50	230.46
22 66 53 00-0361 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends (22 66 53 00-0338)		
22 66 53 00-0362 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	160.17	58.97
22 66 53 00-0363 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	204.90	64.89
22 66 53 00-0364 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	255.81	77.57
22 66 53 00-0365 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps (22 66 53 00-0338)		
22 66 53 00-0366 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	211.99	58.97
22 66 53 00-0367 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	362.36	64.89
22 66 53 00-0368 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	407.49	77.65
22 66 53 00-0369 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees (22 66 53 00-0338)		
22 66 53 00-0370 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	228.00	88.23
22 66 53 00-0371 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	282.17	97.80
22 66 53 00-0372 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	386.39	116.78
22 66 53 00-0373 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	632.65	142.78
22 66 53 00-0374 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	1,863.09	230.92
22 66 53 00-0375 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	2,631.80	288.34
22 66 53 00-0376 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0338)		
22 66 53 00-0377 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	214.52	84.57
22 66 53 00-0378 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	247.78	90.79
22 66 53 00-0379 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	274.46	93.98
22 66 53 00-0380 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	313.07	103.79
22 66 53 00-0381 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	333.98	107.05
22 66 53 00-0382 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	364.56	110.25
22 66 53 00-0383 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	454.66	123.55
22 66 53 00-0384 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	500.97	126.73
22 66 53 00-0385 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	557.54	132.56
22 66 53 00-0386 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees (22 66 53 00-0338)		
22 66 53 00-0387 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	255.85	88.23
22 66 53 00-0388 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	305.71	97.57
22 66 53 00-0389 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	412.28	116.78
22 66 53 00-0390 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees (22 66 53 00-0338)		
22 66 53 00-0391 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	242.41	84.57
22 66 53 00-0392 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	299.03	94.46
22 66 53 00-0393 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	358.35	107.37
22 66 53 00-0394 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	382.98	110.56
22 66 53 00-0395 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes (22 66 53 00-0338)		
22 66 53 00-0396 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	226.16	88.38
22 66 53 00-0397 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	304.10	97.80
22 66 53 00-0398 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	386.25	116.70
22 66 53 00-0399 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	635.81	142.25
22 66 53 00-0400 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	2,313.21	230.69
22 66 53 00-0401 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes (22 66 53 00-0338)		
22 66 53 00-0402 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	230.45	84.57
22 66 53 00-0403 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	247.74	90.79
22 66 53 00-0404 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	261.32	94.53
22 66 53 00-0405 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	291.14	103.79
22 66 53 00-0406 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	302.27	107.21
22 66 53 00-0407 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	357.07	110.56
22 66 53 00-0408 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	476.50	123.70
22 66 53 00-0409 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	558.77	126.73
22 66 53 00-0410 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	583.45	132.56
22 66 53 00-0411 EA 8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,377.32	186.10
22 66 53 00-0412 EA 8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,484.20	192.26
22 66 53 00-0413 EA 8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,803.85	202.09
22 66 53 00-0414 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0338)		
22 66 53 00-0415 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	263.78	88.23

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0416	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	311.69	97.57
22 66 53 00-0417	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	452.14	116.78
22 66 53 00-0418	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	687.90	142.40
22 66 53 00-0419			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0338)</small>		
22 66 53 00-0420	EA		2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	222.48	84.57
22 66 53 00-0421	EA		3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	255.72	90.79
22 66 53 00-0422	EA		3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	281.09	94.46
22 66 53 00-0423	EA		4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	305.09	103.79
22 66 53 00-0424	EA		4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	348.39	107.37
22 66 53 00-0425	EA		4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	390.92	110.48
22 66 53 00-0426	EA		6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	502.36	123.70
22 66 53 00-0427	EA		6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	616.64	126.80
22 66 53 00-0428	EA		6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	673.47	132.79
22 66 53 00-0429			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers <small>(22 66 53 00-0338)</small>		
22 66 53 00-0430	EA		2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	139.08	55.55
22 66 53 00-0431	EA		3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	151.70	58.67
22 66 53 00-0432	EA		3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	168.33	61.78
22 66 53 00-0433	EA		4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	260.16	68.47
22 66 53 00-0434	EA		4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	272.82	71.66
22 66 53 00-0435	EA		6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	298.26	79.26
22 66 53 00-0436	EA		6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	381.08	85.32
22 66 53 00-0437	EA		8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	549.66	115.39
22 66 53 00-0438	EA		8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	586.25	125.14
22 66 53 00-0439			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers <small>(22 66 53 00-0338)</small>		
22 66 53 00-0440	EA		2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	365.92	129.70
22 66 53 00-0441	EA		2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	469.57	129.70
22 66 53 00-0442	EA		3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	478.87	129.70
22 66 53 00-0443	EA		4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser	553.99	176.77
22 66 53 00-0444			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps <small>(22 66 53 00-0338)</small>		
22 66 53 00-0445	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	379.42	58.97
22 66 53 00-0446	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	456.05	64.89
22 66 53 00-0447	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	554.99	77.65
22 66 53 00-0448	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap	1,595.53	95.01
22 66 53 00-0449			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs <small>(22 66 53 00-0338)</small>		
22 66 53 00-0450	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	198.04	58.97
22 66 53 00-0451	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	246.75	64.89
22 66 53 00-0452	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	335.73	77.65
22 66 53 00-0453	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	433.13	95.01
22 66 53 00-0454	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub	824.66	132.56
22 66 53 00-0455			Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0328)</small>		
			Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB		Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	1.55	
22 66 53 00-0457	LB		Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings	36.54	
22 66 53 00-0458			Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
			Note: ASTM A518.		
22 66 53 00-0459			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe <small>(22 66 53 00-0458)</small>		
22 66 53 00-0460	LF		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	49.94	5.22
22 66 53 00-0461	LF		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe	56.78	5.76
22 66 53 00-0462	LF		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	78.11	7.24
22 66 53 00-0463	LF		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	98.26	8.40
22 66 53 00-0464			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0458)</small>		
22 66 53 00-0465			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0466	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	191.52	41.32
22 66 53 00-0467	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	207.56	46.68
22 66 53 00-0468	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	280.50	51.51
22 66 53 00-0469	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep	338.54	62.24

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	------------------------	----------------------

22 66 53 00-0470	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0471	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	113.78	41.32
22 66 53 00-0472	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	135.07	46.21
22 66 53 00-0473	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	171.13	51.66
22 66 53 00-0474	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	222.22	61.78
22 66 53 00-0475	EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	131.22	43.64
22 66 53 00-0476	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0477	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	113.78	41.32
22 66 53 00-0478	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	135.07	46.21
22 66 53 00-0479	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	171.13	51.66
22 66 53 00-0480	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	222.22	61.78
22 66 53 00-0481	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0482	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend	131.72	41.32
22 66 53 00-0483	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	162.97	46.21
22 66 53 00-0484	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	244.88	51.66
22 66 53 00-0485	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	276.04	61.78
22 66 53 00-0486	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0487	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	127.74	41.32
22 66 53 00-0488	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	151.01	46.21
22 66 53 00-0489	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	226.94	51.66
22 66 53 00-0490	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	258.10	61.78
22 66 53 00-0491	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0492	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend.....	192.87	62.16
22 66 53 00-0493	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0494	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	160.98	62.16
22 66 53 00-0495	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	196.67	70.03
22 66 53 00-0496	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	254.52	78.03
22 66 53 00-0497	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee	377.24	93.44
22 66 53 00-0498	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0499	EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	184.75	67.38
22 66 53 00-0500	EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	222.53	72.66
22 66 53 00-0501	EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	236.33	75.23
22 66 53 00-0502	EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	253.98	83.02
22 66 53 00-0503	EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	277.48	85.35
22 66 53 00-0504	EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	299.30	87.92
22 66 53 00-0505	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0506	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	161.28	62.39
22 66 53 00-0507	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	188.70	70.03
22 66 53 00-0508	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	246.55	78.03
22 66 53 00-0509	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	377.24	93.44
22 66 53 00-0510	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0511	EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	179.29	67.77
22 66 53 00-0512	EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	216.53	72.59
22 66 53 00-0513	EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	226.72	75.46
22 66 53 00-0514	EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	254.36	83.25
22 66 53 00-0515	EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	278.18	85.82
22 66 53 00-0516	EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	293.64	88.15
22 66 53 00-0517	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0518	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	238.20	83.10
22 66 53 00-0519	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	299.61	93.52
22 66 53 00-0520	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	378.35	103.48
22 66 53 00-0521	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	489.50	124.40
22 66 53 00-0522	EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	261.53	87.99
22 66 53 00-0523	EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	291.22	93.21
22 66 53 00-0524	EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	342.83	98.34
22 66 53 00-0525	EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	378.52	108.93
22 66 53 00-0526	EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	450.60	114.44

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0527			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses <small>(22 66 53 00-0464)</small>		
22 66 53 00-0528	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	262.06	83.10
22 66 53 00-0529	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	307.40	93.36
22 66 53 00-0530	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	431.06	104.02
22 66 53 00-0531	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	595.34	124.57
22 66 53 00-0532	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	281.42	87.99
22 66 53 00-0533	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	360.95	93.21
22 66 53 00-0534	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	380.65	98.34
22 66 53 00-0535	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	408.38	108.85
22 66 53 00-0536	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	511.79	113.98
22 66 53 00-0537			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0538	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	176.62	61.93
22 66 53 00-0539	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	204.64	70.03
22 66 53 00-0540	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	246.55	78.03
22 66 53 00-0541	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	399.16	93.44
22 66 53 00-0542			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0543	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	194.77	67.46
22 66 53 00-0544	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	216.83	72.83
22 66 53 00-0545	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	234.69	75.46
22 66 53 00-0546	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	312.17	83.25
22 66 53 00-0547	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	320.04	85.82
22 66 53 00-0548	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	355.43	88.15
22 66 53 00-0549			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0550	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	275.84	82.94
22 66 53 00-0551	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	343.21	93.29
22 66 53 00-0552	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	484.32	103.71
22 66 53 00-0553	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	581.78	124.80
22 66 53 00-0554			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0555	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	299.36	87.99
22 66 53 00-0556	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	354.95	93.13
22 66 53 00-0557	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	370.68	98.34
22 66 53 00-0558	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	412.37	108.85
22 66 53 00-0559	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	511.79	113.98
22 66 53 00-0560			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers <small>(22 66 53 00-0464)</small>		
22 66 53 00-0561	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	131.88	44.12
22 66 53 00-0562	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	147.73	46.68
22 66 53 00-0563	EA		3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	173.35	54.46
22 66 53 00-0564	EA		4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	201.15	51.74
22 66 53 00-0565	EA		4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	213.00	54.31
22 66 53 00-0566	EA		4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	224.86	56.88
22 66 53 00-0567			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0568	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	120.24	36.33
22 66 53 00-0569	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	139.34	41.08
22 66 53 00-0570	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	163.38	46.52
22 66 53 00-0571	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	288.25	56.64
22 66 53 00-0572			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs <small>(22 66 53 00-0464)</small>		
22 66 53 00-0573	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	54.91	20.69
22 66 53 00-0574	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	64.55	23.11
22 66 53 00-0575	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	70.62	25.83
22 66 53 00-0576	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	90.18	30.88

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

22 66 53 00-0577	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0578	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	211.09	41.08
22 66 53 00-0579	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	218.78	46.21
22 66 53 00-0580	EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	268.80	51.66
22 66 53 00-0581	EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	341.82	61.78
22 66 53 00-0582	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	289.44	44.19
22 66 53 00-0583	EA 2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	394.89	49.32
22 66 53 00-0584	EA 3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	476.29	54.46
22 66 53 00-0585	EA 4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	591.57	64.89
22 66 53 00-0586	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0587	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	383.24	46.92
22 66 53 00-0588	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	598.04	51.89
22 66 53 00-0589	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	398.92	46.68
22 66 53 00-0590	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	598.04	51.89
22 66 53 00-0591	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0592	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	357.06	46.68
22 66 53 00-0593	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap.....	418.65	51.89
22 66 53 00-0594	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap.....	410.88	46.68
22 66 53 00-0595	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	887.06	51.89
22 66 53 00-0596	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	534.26	51.89
22 66 53 00-0597	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0598	EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	155.92	41.55
22 66 53 00-0599	EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	201.58	46.68
22 66 53 00-0600	Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters <small>(22 66 53 00-0464)</small>		
22 66 53 00-0601	EA 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	82.56	31.12
22 66 53 00-0602	EA 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	144.25	33.76
22 66 53 00-0603	EA 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	110.18	38.90
22 66 53 00-0604	Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter <small>(22 66 53 00-0464)</small>		
22 66 53 00-0605	EA 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	150.13	44.27
22 66 53 00-0606	EA 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	163.67	46.68
22 66 53 00-0607	EA 1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	181.51	49.25
22 66 53 00-0608	EA 1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	195.07	54.31
22 66 53 00-0609	EA 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	181.55	49.32
22 66 53 00-0610	EA 2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	191.38	51.89
22 66 53 00-0611	EA 2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	206.92	56.88
22 66 53 00-0612	EA 3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter.....	231.18	54.46
22 66 53 00-0613	EA 4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter.....	284.63	64.89
22 66 53 00-0614	Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0464)</small>		
22 66 53 00-0615	EA 1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	47.84	
22 66 53 00-0616	EA 2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	55.81	
22 66 53 00-0617	EA 3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	59.80	
22 66 53 00-0618	EA 4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	65.78	
22 66 53 00-0619	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings <small>(22 66 53 00-0464)</small>		
22 66 53 00-0620	EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	360.01	20.77
22 66 53 00-0621	EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper.....	137.15	10.35
22 66 53 00-0622	EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow.....	252.76	10.35
22 66 53 00-0623	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates <small>(22 66 53 00-0464)</small>		
22 66 53 00-0624	EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	1,299.73	103.79
22 66 53 00-0625	EA Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	1,598.52	109.00
22 66 53 00-0626	EA Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain.....	1,056.03	10.35
22 66 83	Chemical-Waste Tanks <small>(22 66)</small>		
22 66 83 16	Chemical-Waste Neutralization Tanks <small>(22 66 83)</small>		
22 66 83 16-0001	Acid Neutralization Tank <small>(22 66 83 16)</small>		

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

22 66 83 16-0002 Polyethylene Acid Neutralization Tank <small>(22 66 83 16-0001)</small>			
22 66 83 16-0003	EA 5 Gallon Capacity Polyethylene Acid Neutralization Tank	348.48	158.48
22 66 83 16-0004	EA 15 Gallon Capacity Polyethylene Acid Neutralization Tank	610.18	219.76
22 66 83 16-0005	EA 30 Gallon Capacity Polyethylene Acid Neutralization Tank	772.41	316.95
22 66 83 16-0006	EA 55 Gallon Capacity Polyethylene Acid Neutralization Tank	996.45	422.60
22 66 83 16-0007	EA 100 Gallon Capacity Polyethylene Acid Neutralization Tank	1,268.31	507.12
22 66 83 16-0008	EA 150 Gallon Capacity Polyethylene Acid Neutralization Tank	1,715.14	633.90
22 66 83 16-0009	EA 200 Gallon Capacity Polyethylene Acid Neutralization Tank	1,999.60	792.37
22 66 83 16-0010	EA 275 Gallon Capacity Polyethylene Acid Neutralization Tank	2,570.99	950.85
22 66 83 16-0011	EA 350 Gallon Capacity Polyethylene Acid Neutralization Tank	2,938.86	1,141.02

22 66 83 16-0012 Polypropylene Acid Neutralization Tank <small>(22 66 83 16-0001)</small>			
22 66 83 16-0013	EA 5 Gallon Capacity Polypropylene Acid Neutralization Tank	540.53	158.48
22 66 83 16-0014	EA 15 Gallon Capacity Polypropylene Acid Neutralization Tank	914.26	219.76
22 66 83 16-0015	EA 30 Gallon Capacity Polypropylene Acid Neutralization Tank	1,447.80	316.95
22 66 83 16-0016	EA 55 Gallon Capacity Polypropylene Acid Neutralization Tank	1,909.39	422.60
22 66 83 16-0017	EA 100 Gallon Capacity Polypropylene Acid Neutralization Tank	2,407.25	507.12
22 66 83 16-0018	EA 150 Gallon Capacity Polypropylene Acid Neutralization Tank	2,750.83	633.90
22 66 83 16-0019	EA 200 Gallon Capacity Polypropylene Acid Neutralization Tank	3,030.72	792.37
22 66 83 16-0020	EA 275 Gallon Capacity Polypropylene Acid Neutralization Tank	4,371.45	950.85
22 66 83 16-0021	EA 350 Gallon Capacity Polypropylene Acid Neutralization Tank	4,763.33	1,141.02

22 66 83 16-0022 Chemical Dilution Trap <small>(22 66 83 16)</small>			
22 66 83 16-0023	EA 1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	291.26	52.82
	Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0024	EA 1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	299.71	52.82
	Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0025	EA 2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	308.16	52.82
	Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0026	EA 5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap	340.47	63.39
	Note: 1-1/2" top inlet and side outlet with anti siphon.		

22 67 Processed Water Systems For Laboratory And Healthcare Facilities (22 60)

22 67 13 Processed Water Piping For Laboratory And Healthcare Facilities (22 67)

22 67 13 53 Laboratory Water Piping (22 67 13)

22 67 13 53-0001 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe And Fittings <small>(22 67 13 53)</small>			
22 67 13 53-0002 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe <small>(22 67 13 53-0001)</small>			
22 67 13 53-0003	LF 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	4.47	2.26
	For Work In Restricted Working Space, Add	1.00	
22 67 13 53-0004	LF 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	5.59	2.80
	For Work In Restricted Working Space, Add	1.25	
22 67 13 53-0005	LF 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	6.51	2.96
	For Work In Restricted Working Space, Add	1.34	
22 67 13 53-0006	LF 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	8.65	3.26
	For Work In Restricted Working Space, Add	1.46	
22 67 13 53-0007	LF 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Pipe	11.09	3.89
	For Work In Restricted Working Space, Add	1.75	

22 67 13 53-0008 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbows <small>(22 67 13 53-0001)</small>			
22 67 13 53-0009	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	16.80	8.33
	For Work In Restricted Working Space, Add	3.77	
22 67 13 53-0010	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	21.68	11.13
	For Work In Restricted Working Space, Add	5.02	
22 67 13 53-0011	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	26.49	13.85
	For Work In Restricted Working Space, Add	6.22	
22 67 13 53-0012	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	42.19	22.09
	For Work In Restricted Working Space, Add	9.93	
22 67 13 53-0013	EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 90 Degree Elbow	52.97	28.09
	For Work In Restricted Working Space, Add	12.62	

22 67 13 53-0014 Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbows <small>(22 67 13 53-0001)</small>			
22 67 13 53-0015	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	16.80	8.40
	For Work In Restricted Working Space, Add	3.77	
22 67 13 53-0016	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	21.68	11.13
	For Work In Restricted Working Space, Add	5.02	
22 67 13 53-0017	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	26.49	13.85
	For Work In Restricted Working Space, Add	6.22	
22 67 13 53-0018	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	42.29	22.09
	For Work In Restricted Working Space, Add	9.93	
22 67 13 53-0019	EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 45 Degree Elbow	52.97	28.09
	For Work In Restricted Working Space, Add	12.62	

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

22 67 13 53-0020	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tees <small>(22 67 13 53-0001)</small>		
22 67 13 53-0021	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	25.68 6.22	13.85
22 67 13 53-0022	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	30.84 7.53	16.73
22 67 13 53-0023	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	39.72 9.93	22.09
22 67 13 53-0024	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	62.27 15.06	33.45
22 67 13 53-0025	EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Tee..... <i>For Work In Restricted Working Space, Add</i>	78.56 18.67	41.55
22 67 13 53-0026	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tees <small>(22 67 13 53-0001)</small>		
22 67 13 53-0027	EA 3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	39.89 7.00	15.56
22 67 13 53-0028	EA 1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	46.77 8.17	18.13
22 67 13 53-0029	EA 1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	49.91 8.87	19.69
22 67 13 53-0030	EA 1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	66.49 12.60	28.00
22 67 13 53-0031	EA 2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	84.40 16.81	37.35
22 67 13 53-0032	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Inserts <small>(22 67 13 53-0001)</small>		
22 67 13 53-0033	EA 3/4" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	21.04 4.43	9.88
22 67 13 53-0034	EA 1" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	24.70 5.14	11.44
22 67 13 53-0035	EA 1" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	28.07 5.84	12.99
22 67 13 53-0036	EA 1-1/2" x 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	35.75 7.00	15.56
22 67 13 53-0037	EA 1-1/2" x 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	38.67 7.70	17.12
22 67 13 53-0038	EA 1-1/2" x 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	40.56 8.17	18.13
22 67 13 53-0039	EA 2" x 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Reducing Insert..... <i>For Work In Restricted Working Space, Add</i>	58.80 11.44	25.44
22 67 13 53-0040	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapters <small>(22 67 13 53-0001)</small>		
22 67 13 53-0041	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	18.01 3.77	8.40
22 67 13 53-0042	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	23.35 5.02	11.13
22 67 13 53-0043	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	28.32 6.22	13.85
22 67 13 53-0044	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	43.45 9.93	22.09
22 67 13 53-0045	EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Male Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	56.03 12.60	28.00
22 67 13 53-0046	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapters <small>(22 67 13 53-0001)</small>		
22 67 13 53-0047	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	18.01 3.77	8.40
22 67 13 53-0048	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	23.35 5.02	11.13
22 67 13 53-0049	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	28.32 6.22	13.85
22 67 13 53-0050	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	43.45 9.93	22.09
22 67 13 53-0051	EA 2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion x Female Thread Adapter..... <i>For Work In Restricted Working Space, Add</i>	55.84 12.62	28.09
22 67 13 53-0052	Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Couplings <small>(22 67 13 53-0001)</small>		
22 67 13 53-0053	EA 1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	15.19 3.77	8.40
22 67 13 53-0054	EA 3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	20.36 5.02	11.13
22 67 13 53-0055	EA 1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	25.45 6.22	13.85
22 67 13 53-0056	EA 1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	40.35 9.93	22.09

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 67 Processed Water Systems For Laboratory And Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0057	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Coupling..... <i>For Work In Restricted Working Space, Add</i>	52.16 12.62	28.09
22 67 13 53-0058			Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Unions <small>(22 67 13 53-0001)</small>		
22 67 13 53-0059	EA		1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	38.84 6.22	13.85
22 67 13 53-0060	EA		3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	44.34 7.53	16.73
22 67 13 53-0061	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	54.60 9.93	22.09
22 67 13 53-0062	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	89.16 15.06	33.45
22 67 13 53-0063	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Union..... <i>For Work In Restricted Working Space, Add</i>	118.09 18.67	41.55
22 67 13 53-0064			Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Caps (22 <small>67 13 53-0001)</small>		
22 67 13 53-0065	EA		1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap..... <i>For Work In Restricted Working Space, Add</i>	16.38 3.81	8.50
22 67 13 53-0066	EA		3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap..... <i>For Work In Restricted Working Space, Add</i>	20.99 5.02	11.13
22 67 13 53-0067	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap..... <i>For Work In Restricted Working Space, Add</i>	25.45 6.22	13.85
22 67 13 53-0068	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap..... <i>For Work In Restricted Working Space, Add</i>	40.46 9.93	22.09
22 67 13 53-0069	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion Cap..... <i>For Work In Restricted Working Space, Add</i>	52.16 12.62	28.09
22 67 13 53-0070			Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flanges (22 67 13 53-0001)		
22 67 13 53-0071	EA		1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	27.63 6.22	14.01
22 67 13 53-0072	EA		3/4" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	32.85 7.53	16.58
22 67 13 53-0073	EA		1" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	42.17 9.93	22.33
22 67 13 53-0074	EA		1-1/2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	63.87 15.06	33.76
22 67 13 53-0075	EA		2" Schedule 80 Standardline Polypropylene Copolymer Socket Fusion 150 LB Flange..... <i>For Work In Restricted Working Space, Add</i>	78.10 18.67	41.55
22 67 13 53-0076			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe And Fittings (22 67 13 53)		
22 67 13 53-0077			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe (22 67 <small>13 53-0076)</small>		
22 67 13 53-0078	LF		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.28 1.00	2.26
22 67 13 53-0079	LF		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	7.97 1.25	2.80
22 67 13 53-0080	LF		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.78 1.34	2.96
22 67 13 53-0081	LF		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	11.92 1.46	3.26
22 67 13 53-0082	LF		2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Pipe..... <i>For Work In Restricted Working Space, Add</i>	15.84 1.75	3.89
22 67 13 53-0083			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbows (22 67 13 53-0076)		
22 67 13 53-0084	EA		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	22.35 3.77	8.33
22 67 13 53-0085	EA		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	29.05 5.02	11.13
22 67 13 53-0086	EA		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	36.13 6.22	13.85
22 67 13 53-0087	EA		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	53.97 9.93	22.09
22 67 13 53-0088	EA		2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	70.32 12.62	28.09
22 67 13 53-0089			Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbows (22 67 13 53-0076)		
22 67 13 53-0090	EA		1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	22.24 3.77	8.40
22 67 13 53-0091	EA		3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	29.11 5.02	11.13
22 67 13 53-0092	EA		1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	36.19 6.22	13.85
22 67 13 53-0093	EA		1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	54.77 9.93	22.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 67 13 53-0094 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	70.32 12.62	28.09
22 67 13 53-0095 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tees ^(22 67 13 53-0076)		
22 67 13 53-0096 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	32.42 6.22	13.85
22 67 13 53-0097 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	38.88 7.53	16.73
22 67 13 53-0098 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	49.35 9.93	22.09
22 67 13 53-0099 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	74.59 15.06	33.45
22 67 13 53-0100 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Tee <i>For Work In Restricted Working Space, Add</i>	94.61 18.67	41.55
22 67 13 53-0101 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tees ^(22 67 13 53-0076)		
22 67 13 53-0102 EA 3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	37.70 7.00	15.56
22 67 13 53-0103 EA 1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	45.70 8.17	18.13
22 67 13 53-0104 EA 1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	48.04 8.87	19.69
22 67 13 53-0105 EA 1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	68.57 12.60	28.00
22 67 13 53-0106 EA 2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Tee <i>For Work In Restricted Working Space, Add</i>	89.36 16.81	37.35
22 67 13 53-0107 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Inserts ^(22 67 13 53-0076)		
22 67 13 53-0108 EA 3/4" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	25.89 4.43	9.88
22 67 13 53-0109 EA 1" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	29.55 5.14	11.44
22 67 13 53-0110 EA 1" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	31.88 5.84	12.99
22 67 13 53-0111 EA 1-1/2" x 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	40.55 7.00	15.56
22 67 13 53-0112 EA 1-1/2" x 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	42.89 7.70	17.12
22 67 13 53-0113 EA 1-1/2" x 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	44.44 8.17	18.13
22 67 13 53-0114 EA 2" x 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Reducing Insert <i>For Work In Restricted Working Space, Add</i>	62.06 11.44	25.44
22 67 13 53-0115 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapters ^(22 67 13 53-0076)		
22 67 13 53-0116 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	22.35 3.77	8.40
22 67 13 53-0117 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	28.71 5.02	11.13
22 67 13 53-0118 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	34.36 6.22	13.85
22 67 13 53-0119 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	49.64 9.93	22.09
22 67 13 53-0120 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Male Thread Adapter <i>For Work In Restricted Working Space, Add</i>	67.77 12.60	28.00
22 67 13 53-0121 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapters ^(22 67 13 53-0076)		
22 67 13 53-0122 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	22.35 3.77	8.40
22 67 13 53-0123 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	28.71 5.02	11.13
22 67 13 53-0124 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	34.36 6.22	13.85
22 67 13 53-0125 EA 1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	49.64 9.93	22.09
22 67 13 53-0126 EA 2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion x Female Thread Adapter <i>For Work In Restricted Working Space, Add</i>	67.81 12.62	28.09
22 67 13 53-0127 Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Couplings ^(22 67 13 53-0076)		
22 67 13 53-0128 EA 1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	21.38 3.77	8.40
22 67 13 53-0129 EA 3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	27.57 5.02	11.13
22 67 13 53-0130 EA 1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling <i>For Work In Restricted Working Space, Add</i>	33.11 6.22	13.85

22 Plumbing**22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities****22 67 Processed Water Systems For Laboratory And Healthcare Facilities**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 67 13 53-0131	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	49.41		22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 67 13 53-0132	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Coupling	63.37		28.09
		<i>For Work In Restricted Working Space, Add</i>	12.62		
22 67 13 53-0133		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Unions			
		<small>(22 67 13 53-0076)</small>			
22 67 13 53-0134	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	60.07		
		<i>For Work In Restricted Working Space, Add</i>	6.22		
22 67 13 53-0135	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	70.12		16.73
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0136	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	86.34		22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 67 13 53-0137	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	139.68		33.45
		<i>For Work In Restricted Working Space, Add</i>	15.06		
22 67 13 53-0138	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Union	180.22		41.55
		<i>For Work In Restricted Working Space, Add</i>	18.67		
22 67 13 53-0139		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Caps ⁽²²⁾			
		<small>67 13 53-0076)</small>			
22 67 13 53-0140	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	21.53		8.50
		<i>For Work In Restricted Working Space, Add</i>	3.81		
22 67 13 53-0141	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	27.57		11.13
		<i>For Work In Restricted Working Space, Add</i>	5.02		
22 67 13 53-0142	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	33.05		13.85
		<i>For Work In Restricted Working Space, Add</i>	6.22		
22 67 13 53-0143	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	49.52		22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 67 13 53-0144	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion Cap	63.37		28.09
		<i>For Work In Restricted Working Space, Add</i>	12.62		
22 67 13 53-0145		Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB			
		Flanges <small>(22 67 13 53-0076)</small>			
22 67 13 53-0146	EA	1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	39.66		14.01
		<i>For Work In Restricted Working Space, Add</i>	6.22		
22 67 13 53-0147	EA	3/4" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	46.29		16.58
		<i>For Work In Restricted Working Space, Add</i>	7.53		
22 67 13 53-0148	EA	1" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	57.39		22.33
		<i>For Work In Restricted Working Space, Add</i>	9.93		
22 67 13 53-0149	EA	1-1/2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	83.94		33.76
		<i>For Work In Restricted Working Space, Add</i>	15.06		
22 67 13 53-0150	EA	2" Schedule 80 Whiteline Polypropylene Homopolymer Socket Fusion 150 LB Flange	104.42		41.55
		<i>For Work In Restricted Working Space, Add</i>	18.67		

END OF SECTION 22

THIS PAGE INTENTIONALLY LEFT BLANK

WWW.THEGORDIANGROUP.COM
855.467.9444

30 PATEWOOD DRIVE, SUITE 350
GREENVILLE, SOUTH CAROLINA 29615

THE
GORDIAN
GROUP®

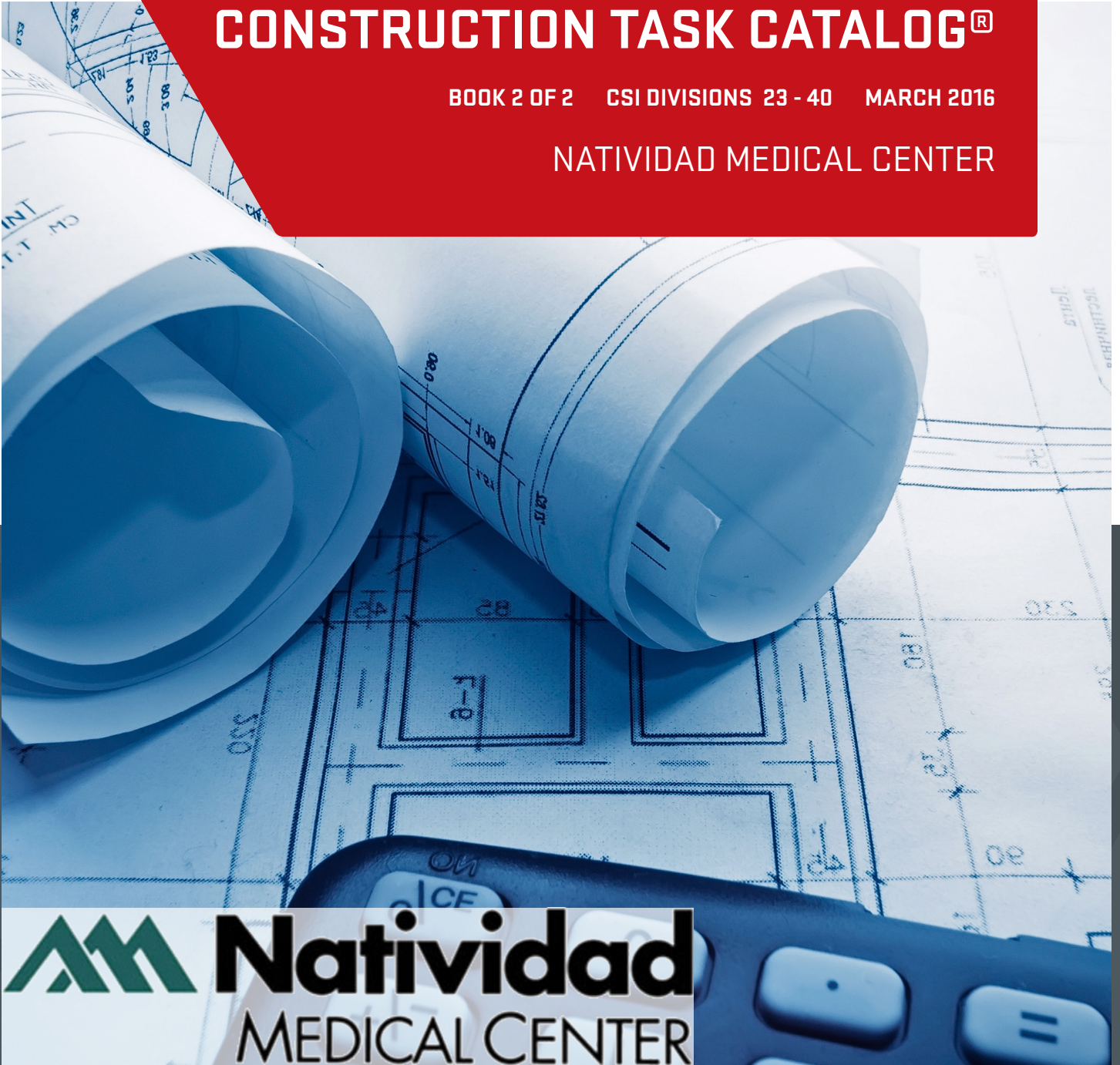


BUY SMART. BUILD BETTER.

JOB ORDER CONTRACT CONSTRUCTION TASK CATALOG®

BOOK 2 OF 2 CSI DIVISIONS 23 - 40 MARCH 2016

NATIVIDAD MEDICAL CENTER



 **Natividad**
MEDICAL CENTER

GORDIAN
JOC SOLUTIONS

THIS PAGE INTENTIONALLY LEFT BLANK

00 Using The Construction Task Catalog®	1
<hr/>	
01 General Requirements	1
01 20 Price And Payment Procedures	1
01 22 Unit Prices	1
01 40 Quality Requirements	24
01 45 Quality Control	24
01 50 Temporary Facilities And Controls	27
01 51 Temporary Utilities	27
01 52 Construction Facilities	28
01 54 Construction Aids	29
01 55 Vehicular Access And Parking	30
01 56 Temporary Barriers And Enclosures	33
01 57 Temporary Controls	40
01 58 Project Identification	41
01 60 Product Requirements	41
01 66 Product Storage And Handling Requirements	41
01 70 Execution And Closeout Requirements	42
01 71 Examination And Preparation	42
01 74 Cleaning And Waste Management	43
01 90 Life Cycle Activities	45
01 91 Commissioning	45
<hr/>	
02 Existing Conditions	1
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition And Structure Moving	1
02 41 Demolition	1
02 43 Structure Moving	16
02 60 Contaminated Site Material Removal	16
02 61 Removal And Disposal Of Contaminated Soils	16
02 65 Underground Storage Tank Removal	16
02 80 Facility Remediation	19
02 81 Transportation And Disposal Of Hazardous Materials	19
02 82 Asbestos Remediation	19
02 83 Lead Remediation	25
02 84 Polychlorinate Biphenyl Remediation	28
02 85 Mold Remediation	29
02 86 Hazardous Waste Drum Handling	31
02 87 Bio-Hazard Material Remediation	33
02 89 Hazmat Ancillary Tasks And Support	33
02 90 Disaster Recovery	33
02 90 50 Cleaning And Emergency Clean-up	34
<hr/>	
03 Concrete	1
03 01 Maintenance Of Concrete	1
03 01 30 Maintenance Of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	3
03 10 Concrete Forming And Accessories	3
03 11 Concrete Forming	3
03 15 Concrete Accessories	6
03 20 Concrete Reinforcing	15
03 21 Reinforcement Bars	15
03 22 Fabric And Grid Reinforcing	24
03 30 Cast-In-Place Concrete	25
03 31 Structural Concrete	25
03 35 Concrete Finishing	41
03 37 Specialty Placed Concrete	44
03 39 Concrete Curing	45
03 40 Precast Concrete	46
03 41 Precast Structural Concrete	46

Table of Contents

03 48 Precast Concrete Specialties	55
03 50 Cast Decks And Underlayment	57
03 51 Cast Roof Decks.....	57
03 52 Lightweight Concrete Roof Insulation.....	58
03 53 Concrete Topping	59
03 54 Cast Underlayment.....	59
03 60 Grouting	59
03 61 Cementitious Grouting	59
03 62 Non-Shrink Grouting	59
03 64 Injection Grouting	60
03 80 Concrete Cutting And Boring.....	60
03 81 Concrete Cutting.....	60
03 82 Concrete Boring.....	60
04 Masonry	1
04 01 Maintenance Of Masonry	1
04 01 20 Maintenance Of Unit Masonry.....	1
04 01 40 Maintenance of Stone Assemblies.....	10
04 01 50 Maintenance of Refractory Masonry.....	10
04 05 Common Work Results For Masonry.....	10
04 05 13 Masonry Mortaring.....	10
04 05 16 Masonry Grouting	11
04 05 19 Masonry Anchorage And Reinforcing.....	11
04 05 23 Masonry Accessories.....	38
04 05 26 Masonry Scaffolding	39
04 20 Unit Masonry.....	40
04 21 Clay Unit Masonry	40
04 22 Concrete Unit Masonry	45
04 23 Glass Unit Masonry	52
04 40 Stone Assemblies	52
04 41 Dry-Placed Stone	52
04 42 Exterior Stone Cladding.....	52
04 43 Stone Masonry	53
04 70 Manufactured Masonry.....	54
04 72 Cast Stone Masonry	54
05 Metals	1
05 05 Common Work Results For Metals.....	1
05 05 19 Post-Installed Concrete Anchors.....	1
05 05 23 Metal Fastenings	11
05 10 Structural Metal Framing.....	72
05 12 Structural Steel Framing	72
05 14 Structural Aluminum Framing.....	124
05 15 Wire Rope Assemblies	125
05 20 Metal Joists.....	140
05 21 Steel Joist Framing	140
05 30 Metal Decking.....	140
05 31 Steel Decking	140
05 36 Composite Metal Decking	143
05 40 Cold-Formed Metal Framing.....	146
05 41 Structural Metal Stud Framing	146
05 42 Cold-Formed Metal Joist Framing.....	148
05 43 Slotted Channel Framing	148
05 44 Cold-Formed Metal Trusses	150
05 45 Metal Support Assemblies	151
05 50 Metal Fabrications.....	151
05 51 Metal Stairs	151
05 52 Metal Railings.....	153
05 53 Metal Gratings	159
05 54 Metal Floor Plates.....	166
05 55 Metal Stair Treads And Nosings	166
05 56 Metal Castings.....	168
05 58 Formed Metal Fabrications	168
05 59 Metal Specialties	169
05 70 Decorative Metal	177
05 71 Decorative Metal Stairs.....	177
05 73 Decorative Metal Railings	177

05 75 Decorative Formed Metal.....	178
06 Wood, Plastics, and Composites	1
06 01 Maintenance of Wood, Plastics, and Composites.....	1
06 01 20 Maintenance of Finish Carpentry.....	1
06 05 Common Work Results For Wood, Plastics, And Composites.....	1
06 05 23 Wood, Plastic, And Composite Fastenings.....	1
06 05 73 Wood Treatment.....	16
06 10 Rough Carpentry.....	16
06 11 Wood Framing.....	16
06 13 Heavy Timber Construction.....	21
06 15 Wood Decking.....	22
06 16 Sheathing.....	26
06 17 Shop-Fabricated Structural Wood.....	31
06 18 Glued-Laminated Construction.....	36
06 20 Finish Carpentry.....	37
06 22 Millwork.....	37
06 25 Prefinished Paneling.....	39
06 40 Architectural Woodwork.....	39
06 41 Architectural Wood Casework.....	39
06 42 Wood Paneling.....	79
06 43 Wood Stairs And Railings.....	82
06 44 Ornamental Woodwork.....	83
06 46 Wood Trim.....	85
06 48 Wood Frames.....	101
06 49 Wood Screens and Exterior Wood Shutters.....	102
06 50 Structural Plastics.....	102
06 51 Structural Plastic Shapes And Plates.....	102
06 52 Plastic Structural Assemblies.....	107
06 53 Plastic Decking.....	108
06 60 Plastic Fabrications.....	108
06 65 Plastic Trim.....	108
06 70 Structural Composites.....	109
06 74 Composite Gratings.....	109
06 80 Composite Fabrications.....	110
06 82 Composite Trim.....	110
06 83 Composite Paneling.....	112
07 Thermal And Moisture Protection	1
07 01 Operation And Maintenance Of Thermal And Moisture Protection.....	1
07 01 20 Maintenance Of Thermal Protection.....	1
07 01 50 Maintenance Of Membrane Roofing.....	1
07 05 Common Work Results For Thermal And Moisture Protection.....	1
07 05 13 Small Quantities And Repairs For Roofing.....	1
07 10 Dampproofing And Waterproofing.....	2
07 11 Dampproofing.....	2
07 13 Sheet Waterproofing.....	2
07 14 Fluid-Applied Waterproofing.....	4
07 16 Cementitious And Reactive Waterproofing.....	4
07 17 Bentonite Waterproofing.....	4
07 19 Water Repellents.....	5
07 20 Thermal Protection.....	5
07 21 Thermal Insulation.....	5
07 22 Roof And Deck Insulation.....	10
07 24 Exterior Insulation And Finish Systems.....	20
07 25 Weather Barriers.....	22
07 26 Vapor Retarders.....	23
07 27 Air Barriers.....	23
07 30 Steep Slope Roofing.....	23
07 31 Shingles And Shakes.....	23
07 32 Roof Tiles.....	28
07 34 Roofing Underlayment.....	30
07 40 Roofing And Siding Panels.....	31
07 41 Roof Panels.....	31
07 42 Wall Panels.....	35
07 46 Siding.....	36
07 50 Membrane Roofing.....	40

Table of Contents

07 51 Built-Up Bituminous Roofing	40
07 52 Modified Bituminous Membrane Roofing.....	46
07 53 Elastomeric Membrane Roofing.....	51
07 54 Thermoplastic Membrane Roofing.....	54
07 55 Protected Membrane Roofing	56
07 56 Fluid-Applied Roofing	57
07 57 Coated Foamed Roofing.....	58
07 58 Roll Roofing.....	59
07 59 Membrane Roofing Accessories	60
07 60 Flashing And Sheet Metal	60
07 62 Sheet Metal Flashing And Trim.....	60
07 63 Sheet Metal Roofing Specialties	64
07 65 Flexible Flashing.....	65
07 70 Roof And Wall Specialties And Accessories.....	65
07 71 Roof Specialties.....	65
07 72 Roof Accessories.....	79
07 73 Roof Protection Board	102
07 76 Roof Pavers.....	103
07 80 Fire And Smoke Protection	104
07 81 Applied Fireproofing.....	104
07 82 Board Fireproofing.....	105
07 84 Firestopping.....	106
07 90 Joint Protection	110
07 91 Preformed Joint Seals	110
07 92 Joint Sealants.....	112
07 95 Expansion Control	114

08 Openings 1

08 01 Operation And Maintenance Of Openings.....	1
08 01 10 Operation And Maintenance Of Doors And Frames	1
08 01 50 Operation And Maintenance Of Windows.....	1
08 01 80 Maintenance of Glazing	1
08 05 Common Work Results For Openings	1
08 05 13 Door Options And Modifications.....	1
08 10 Doors And Frames.....	2
08 11 Metal Doors And Frames.....	2
08 12 Metal Frames.....	3
08 13 Metal Doors	28
08 14 Wood Doors	67
08 15 Plastic Doors	84
08 16 Composite Doors.....	85
08 17 Integrated Door Opening Assemblies	91
08 30 Specialty Doors And Frames.....	95
08 31 Access Doors And Panels	95
08 32 Sliding Glass Doors	96
08 33 Coiling Doors And Grilles.....	96
08 34 Special Function Doors.....	111
08 35 Folding Doors And Grilles	116
08 36 Panel Doors.....	116
08 38 Traffic Doors.....	122
08 40 Entrances, Storefronts, And Curtain Walls	138
08 41 Entrances And Storefronts.....	138
08 42 Entrances	138
08 43 Storefronts.....	142
08 44 Curtain Wall And Glazed Assemblies.....	143
08 45 Translucent Wall And Roof Assemblies	145
08 50 Windows	145
08 51 Metal Windows	145
08 52 Wood Windows.....	162
08 53 Plastic Windows	198
08 56 Special Function Windows.....	225
08 60 Roof Windows And Skylights.....	228
08 63 Metal-Framed Skylights.....	228
08 65 Wood-Framed Skylights.....	237
08 70 Hardware	238
08 71 Door Hardware	238
08 74 Access Control Hardware	340
08 75 Window Hardware	340

08 79 Hardware Accessories	340
08 80 Glazing.....	340
08 81 Glass Glazing	340
08 83 Mirrors	347
08 84 Plastic Glazing.....	348
08 85 Glazing Accessories	350
08 87 Glazing Surface Films.....	350
08 88 Special Function Glazing	351
08 90 Louvers And Vents.....	352
08 91 Louvers.....	352
08 95 Vents	382
09 Finishes	1
09 01 Maintenance Of Finishes.....	1
09 01 20 Maintenance Of Plaster And Gypsum Board	1
09 01 30 Maintenance of Tiling.....	1
09 01 60 Maintenance Of Flooring.....	1
09 05 Common Work Results For Finishes	2
09 05 61 Common Work Results for Flooring Preparation	2
09 05 71 Acoustic Underlayment	2
09 20 Plaster And Gypsum Board.....	2
09 22 Supports For Plaster And Gypsum Board	2
09 23 Gypsum Plastering	10
09 24 Cement Plastering	12
09 28 Backing Boards And Underlayments.....	13
09 29 Gypsum Board.....	13
09 30 Tiling.....	21
09 30 13 Ceramic Tiling.....	22
09 30 16 Quarry Tiling.....	22
09 31 Thin-Set Tiling	22
09 32 Mortar-Bed Tiling	23
09 34 Waterproofing-Membrane Tiling.....	23
09 35 Chemical-Resistant Tiling	23
09 39 Tiling Transitions And Accessories	24
09 50 Ceilings.....	24
09 51 Acoustical Ceilings.....	24
09 53 Acoustical Ceiling Suspension Assemblies	31
09 54 Specialty Ceilings	33
09 57 Special Function Ceilings.....	33
09 60 Flooring.....	33
09 61 Flooring Treatment	34
09 63 Masonry Flooring.....	34
09 64 Wood Flooring	34
09 65 Resilient Flooring.....	37
09 66 Terrazzo Flooring.....	43
09 67 Fluid-Applied Flooring.....	45
09 68 Carpeting.....	46
09 69 Access Flooring	53
09 70 Wall Finishes.....	54
09 72 Wall Coverings	54
09 73 Wall Carpeting	54
09 74 Flexible Wood Sheets.....	54
09 80 Acoustic Treatment	54
09 81 Acoustic Insulation.....	55
09 84 Acoustic Room Components.....	55
09 85 Acoustic Sound Deadening.....	56
09 90 Painting And Coating	56
09 91 Painting	56
09 93 Staining And Transparent Finishing	122
09 94 Decorative Finishing	124
09 96 High-Performance Coatings.....	124
09 97 Special Coatings.....	125
10 Specialties	1
10 10 Information Specialties.....	1
10 11 Visual Display Units	1
10 12 Display Cases.....	9

Table of Contents

10 13 Directories	9
10 14 Signage	12
10 20 Interior Specialties.....	36
10 21 Compartments And Cubicles	36
10 22 Partitions	60
10 26 Wall And Door Protection.....	63
10 28 Toilet, Bath, And Laundry Accessories	73
10 40 Safety Specialties.....	82
10 41 Emergency Access And Information Cabinets	82
10 44 Fire Protection Specialties	82
10 50 Storage Specialties	88
10 51 Lockers.....	88
10 56 Storage Assemblies.....	101
10 57 Wardrobe And Closet Specialties	104
10 70 Exterior Specialties	104
10 71 Exterior Protection	104
10 73 Protective Covers	106
10 75 Flagpoles.....	107
10 80 Other Specialties.....	109
10 81 Pest Control Devices	109
10 86 Security Mirrors And Domes	109

11 Equipment **1**

11 01 Operation And Maintenance Of Equipment	1
11 01 10 Operation And Maintenance Of Vehicle And Pedestrian Equipment.....	1
11 10 Vehicle And Pedestrian Equipment	1
11 12 Parking Control Equipment	1
11 13 Loading Dock Equipment.....	2
11 14 Pedestrian Control Equipment	6
11 20 Commercial Equipment	8
11 21 Retail and Service Equipment.....	8
11 26 Compact Kitchens.....	9
11 28 Office Equipment.....	10
11 40 Foodservice Equipment.....	10
11 41 Foodservice Storage Equipment.....	10
11 42 Food Preparation Equipment	29
11 44 Food Cooking Equipment	31
11 46 Food Dispensing Equipment.....	32
11 48 Foodservice Cleaning and Disposal Equipment.....	34
11 50 Educational And Scientific Equipment	35
11 52 Audio-Visual Equipment.....	35
11 53 Laboratory Equipment	41
11 70 Healthcare Equipment.....	41
11 72 Examination And Treatment Equipment.....	41
11 73 Patient Care Equipment.....	41
11 80 Facility Maintenance and Operation Equipment	41
11 81 Maintenance Equipment	41
11 82 Facility Solid Waste Handling Equipment.....	42

12 Furnishings **1**

12 01 Operation And Maintenance Of Furnishings.....	1
12 01 60 Operation And Maintenance Of Multiple Seating.....	1
12 20 Window Treatments	1
12 21 Window Blinds.....	1
12 22 Curtains And Drapes	1
12 24 Window Shades.....	3
12 30 Casework.....	3
12 31 Manufactured Metal Casework	3
12 35 Specialty Casework	7
12 36 Countertops.....	9
12 40 Furnishings And Accessories	10
12 41 Office Accessories.....	10
12 48 Rugs And Mats.....	10
12 50 Furniture	11
12 59 Systems Furniture.....	11

13 Special Construction	1
13 20 Special Purpose Rooms.....	1
13 21 Controlled Environment Rooms	1
13 40 Integrated Construction.....	1
13 47 Facility Protection	1
13 48 Sound, Vibration, And Seismic Control	1
13 49 Radiation Protection	2
14 Conveying Equipment	1
14 01 Operation And Maintenance Of Conveying Equipment.....	1
14 01 20 Operation And Maintenance Of Elevators	1
14 01 30 Operation And Maintenance Of Escalators And Moving Walks	2
14 20 Elevators.....	2
14 21 Electric Traction Elevators	2
14 24 Hydraulic Elevators.....	6
14 26 Limited-Use/Limited-Application Elevators	10
14 30 Escalators And Moving Walks	11
14 31 Escalators.....	11
14 40 Lifts.....	11
14 42 Wheelchair Lifts	11
14 90 Other Conveying Equipment	12
14 91 Facility Chutes	12
14 92 Pneumatic Tube Systems	12
21 Fire Suppression	1
21 01 Operation and Maintenance of Fire Suppression.....	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment.....	1
21 05 Common Work Results for Fire Suppression.....	1
21 05 13 Common Motor Requirements For Fire-Suppression Equipment.....	1
21 05 16 Expansion Fittings And Loops For Fire-Suppression Piping.....	1
21 05 19 Meters And Gages For Fire-Suppression Systems.....	1
21 05 23 General-Duty Valves For Water-Based Fire-Suppression Piping.....	1
21 05 29 Hangers And Supports For Fire-Suppression Piping And Equipment	1
21 05 48 Vibration And Seismic Controls For Fire-Suppression Piping And Equipment	1
21 05 53 Identification For Fire-Suppression Piping And Equipment.....	2
21 07 Fire-Suppression Systems Insulation	2
21 07 19 Fire-Suppression Piping Insulation.....	2
21 10 Water-Based Fire-Suppression Systems.....	2
21 11 Facility Fire-Suppression Water-Service Piping.....	2
21 12 Fire-Suppression Standpipes.....	2
21 13 Fire-Suppression Sprinkler Systems	3
21 16 Fire-Suppression Pressure Maintenance Pumps	8
21 20 Fire-Extinguishing Systems	8
21 21 Carbon-Dioxide Fire-Extinguishing Systems	8
21 22 Clean-Agent Fire-Extinguishing Systems	9
21 23 Wet-Chemical Fire-Extinguishing Systems	17
21 24 Dry-Chemical Fire-Extinguishing Systems	20
21 30 Fire Pumps.....	22
21 31 Centrifugal Fire Pumps	22
22 Plumbing	1
22 01 Operation and Maintenance of Plumbing.....	1
22 01 10 Operation And Maintenance Of Plumbing Piping And Pumps	1
22 01 40 Operation and Maintenance of Plumbing Fixtures.....	1
22 05 Common Work Results for Plumbing.....	2
22 05 13 Common Motor Requirements For Plumbing Equipment.....	2
22 05 16 Expansion Fittings And Loops For Plumbing Piping.....	2
22 05 19 Meters And Gages For Plumbing Piping	2
22 05 23 General-Duty Valves For Plumbing Piping	2
22 05 29 Hangers And Supports For Plumbing Piping And Equipment	2
22 05 33 Heat Tracing For Plumbing Piping	2
22 05 48 Vibration And Seismic Controls For Plumbing Piping And Equipment	2
22 05 53 Identification For Plumbing Piping And Equipment.....	2
22 05 76 Facility Drainage Piping Cleanouts.....	3

Table of Contents

22 07 Plumbing Insulation.....	5
22 07 16 Plumbing Equipment Insulation.....	5
22 07 19 Plumbing Piping Insulation.....	5
22 10 Plumbing Piping.....	15
22 11 Facility Water Distribution.....	16
22 12 Facility Potable-Water Storage Tanks.....	75
22 13 Facility Sanitary Sewerage.....	76
22 14 Facility Storm Drainage.....	120
22 15 General Service Compressed-Air Systems.....	128
22 30 Plumbing Equipment.....	131
22 31 Domestic Water Softeners.....	131
22 32 Domestic Water Filtration Equipment.....	133
22 33 Electric Domestic Water Heaters.....	134
22 34 Fuel-Fired Domestic Water Heaters.....	137
22 35 Domestic Water Heat Exchangers.....	140
22 40 Plumbing Fixtures.....	140
22 41 Residential Plumbing Fixtures.....	140
22 42 Commercial Plumbing Fixtures.....	141
22 43 Healthcare Plumbing Fixtures.....	154
22 45 Emergency Plumbing Fixtures.....	156
22 47 Drinking Fountains And Water Coolers.....	159
22 50 Pool And Fountain Plumbing Systems.....	162
22 51 Swimming Pool Plumbing Systems.....	162
22 60 Gas and Vacuum Systems For Laboratory And Healthcare Facilities.....	163
22 63 Gas Systems For Laboratory And Healthcare Facilities.....	163
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities.....	164
22 67 Processed Water Systems For Laboratory And Healthcare Facilities.....	178

23 Heating, Ventilating, And Air-Conditioning (HVAC) 1

23 01 Operation and Maintenance of HVAC Systems.....	1
23 01 10 Operation and Maintenance of Facility Fuel Systems.....	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps.....	1
23 01 30 Operation and Maintenance of HVAC Air Distribution.....	2
23 01 50 Operation and Maintenance of Central Heating Equipment.....	3
23 01 60 Operation and Maintenance of Central Cooling Equipment.....	4
23 05 Common Work Results For HVAC.....	4
23 05 13 Common Motor Requirements For HVAC Equipment.....	4
23 05 16 Expansion Fittings And Loops For HVAC Piping.....	7
23 05 19 Meters And Gages For HVAC Piping.....	15
23 05 23 General-Duty Valves For HVAC Piping.....	20
23 05 29 Hangers And Supports For HVAC Piping And Equipment.....	40
23 05 33 Heat Tracing For HVAC Piping.....	66
23 05 48 Vibration And Seismic Controls For HVAC.....	66
23 05 53 Identification For HVAC Piping And Equipment.....	71
23 05 93 Testing, Adjusting, And Balancing For HVAC.....	71
23 07 HVAC Insulation.....	74
23 07 13 Duct Insulation.....	74
23 07 16 HVAC Equipment Insulation.....	75
23 07 19 HVAC Piping Insulation.....	75
23 08 Commissioning Of HVAC.....	78
23 09 Instrumentation And Control For HVAC.....	78
23 09 13 Instrumentation And Control Devices For HVAC.....	78
23 09 23 Direct-Digital Control System For HVAC.....	79
23 10 Facility Fuel Systems.....	100
23 11 Facility Fuel Piping.....	100
23 12 Facility Fuel Pumps.....	107
23 13 Facility Fuel-Storage Tanks.....	108
23 20 HVAC Piping And Pumps.....	115
23 21 Hydronic Piping And Pumps.....	115
23 22 Steam And Condensate Piping And Pumps.....	198
23 23 Refrigerant Piping.....	203
23 25 HVAC Water Treatment.....	208
23 30 HVAC Air Distribution.....	209
23 31 HVAC Ducts And Casings.....	209
23 33 Air Duct Accessories.....	267
23 34 HVAC Fans.....	308
23 35 Special Exhaust Systems.....	322
23 36 Air Terminal Units.....	324

23 37 Air Outlets And Inlets	327
23 38 Ventilation Hoods.....	341
23 40 HVAC Air Cleaning Devices	342
23 41 Particulate Air Filtration.....	342
23 42 Gas-Phase Air Filtration.....	344
23 44 Ultraviolet HVAC Microbial Control	345
23 50 Central Heating Equipment	346
23 51 Breechings, Chimneys, And Stacks	346
23 52 Heating Boilers	366
23 53 Heating Boiler Feedwater Equipment.....	382
23 54 Furnaces	383
23 55 Fuel-Fired Heaters.....	385
23 57 Heat Exchangers for HVAC	386
23 60 Central Cooling Equipment.....	388
23 61 Refrigerant Compressors.....	388
23 62 Packaged Compressor and Condenser Units	389
23 63 Refrigerant Condensers.....	391
23 64 Packaged Water Chillers	393
23 65 Cooling Towers.....	397
23 70 Central HVAC Equipment.....	401
23 71 Thermal Storage.....	401
23 72 Air-To-Air Energy Recovery Equipment	401
23 73 Indoor Central-Station Air-Handling Units	402
23 74 Packaged Outdoor HVAC Equipment	418
23 76 Evaporative Air-Cooling Equipment	425
23 80 Decentralized Unitary HVAC Equipment	426
23 81 Decentralized Unitary HVAC Equipment.....	426
23 82 Convection Heating And Cooling Units	438
23 83 Radiant Heating Units.....	453
23 84 Humidity Control Equipment	453
26 Electrical	1
26 01 Operation and Maintenance of Electrical Systems.....	1
26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution.....	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution.....	2
26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment	2
26 01 50 Operation and Maintenance of Lighting.....	2
26 05 Common Work Results For Electrical.....	18
26 05 13 Medium-Voltage Cables.....	18
26 05 19 Low-Voltage Electrical Power Conductors And Cables	23
26 05 23 Control-Voltage Electrical Power Cables.....	38
26 05 26 Grounding And Bonding For Electrical Systems.....	38
26 05 29 Hangers And Supports For Electrical Systems.....	43
26 05 33 Raceway And Boxes For Electrical Systems.....	62
26 05 36 Cable Trays For Electrical Systems	176
26 05 39 Underfloor Raceways for Electrical Systems.....	259
26 05 43 Underground Ducts And Raceways For Electrical Systems	260
26 05 46 Utility Poles for Electrical Systems.....	263
26 05 53 Identification for Electrical Systems.....	270
26 05 83 Wiring Connections.....	271
26 09 Instrumentation and Control for Electrical Systems	274
26 09 23 Lighting Control Devices	274
26 10 Medium-Voltage Electrical Distribution	288
26 11 Substations.....	288
26 12 Medium-Voltage Transformers.....	295
26 13 Medium-Voltage Switchgear	299
26 18 Medium-Voltage Circuit Protection Devices	301
26 20 Low-Voltage Electrical Distribution	301
26 21 Low-Voltage Electrical Service Entrance.....	301
26 22 Low-Voltage Transformers.....	302
26 24 Switchboards And Panelboards	310
26 25 Enclosed Bus Assemblies.....	354
26 26 Power Distribution Units.....	356
26 27 Low-Voltage Distribution Equipment	356
26 28 Low-Voltage Circuit Protective Devices.....	372
26 29 Low-Voltage Controllers.....	392
26 30 Facility Electrical Power Generating And Storing Equipment.....	407
26 31 Photovoltaic Collectors	407

Table of Contents

26 32 Packaged Generator Assemblies.....	411
26 33 Battery Equipment.....	414
26 35 Power Filters And Conditioners.....	418
26 36 Transfer Switches.....	418
26 40 Electrical And Cathodic Protection.....	421
26 41 Facility Lightning Protection.....	421
26 43 Surge Protective Devices.....	423
26 50 Lighting.....	426
26 51 Interior Lighting.....	426
26 52 Emergency Lighting.....	446
26 53 Exit Signs.....	448
26 55 Special Purpose Lighting.....	449
26 56 Exterior Lighting.....	449
27 Communications	1
27 05 Common Work Results for Communications.....	1
27 05 26 Grounding and Bonding for Communications Systems.....	1
27 05 29 Hangers And Supports For Communications Systems.....	1
27 05 33 Conduits And Backboxes For Communications Systems.....	4
27 05 36 Cable Trays For Communications Systems.....	4
27 05 39 Surface Raceways For Communications Systems.....	4
27 05 43 Underground Ducts And Raceways For Communications Systems.....	4
27 05 46 Utility Poles For Communications Systems.....	4
27 05 53 Identification For Communications Systems.....	4
27 10 Structured Cabling.....	4
27 11 Communications Equipment Room Fittings.....	4
27 14 Communications Cabling.....	10
27 16 Communications Connecting Cords, Devices, And Adapters.....	38
27 20 Data Communications.....	39
27 21 Data Communications Network Equipment.....	39
27 30 Voice Communications.....	41
27 31 Voice Communications Switching and Routing Equipment.....	42
27 32 Voice Communications Terminal Equipment.....	42
27 40 Audio-Video Communications.....	43
27 41 Audio-Video Systems.....	43
27 50 Distributed Communications And Monitoring Systems.....	44
27 51 Distributed Audio-Video Communications Systems.....	44
27 52 Healthcare Communications And Monitoring Systems.....	44
27 53 Distributed Systems.....	46
28 Electronic Safety And Security	1
28 05 Common Work Results For Electronic Safety And Security.....	1
28 05 13 Conductors And Cables For Electronic Safety And Security.....	1
28 05 26 Grounding And Bonding For Electronic Safety And Security.....	3
28 05 28 Pathways For Electronic Safety And Security.....	3
28 05 53 Identification For Electronic Safety And Security.....	3
28 10 Electronic Access Control And Intrusion Detection.....	3
28 13 Access Control.....	3
28 20 Electronic Surveillance.....	9
28 23 Video Surveillance.....	9
28 26 Electronic Personal Protection Systems.....	43
28 30 Electronic Detection And Alarm.....	44
28 31 Fire Detection And Alarm.....	44
28 33 Gas Detection and Alarm.....	81
28 34 Fuel-Oil Detection and Alarm.....	82
31 Earthwork	1
31 05 Common Work Results For Earthwork.....	1
31 05 13 Soils For Earthwork.....	1
31 05 16 Aggregates For Earthwork.....	1
31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization.....	2
31 10 Site Clearing.....	2
31 11 Clearing And Grubbing.....	2
31 13 Selective Tree And Shrub Removal And Trimming.....	2
31 20 Earth Moving.....	4
31 23 Excavation And Fill.....	4

31 24 Embankments.....	8
31 25 Erosion And Sedimentation Controls	9
31 30 Earthwork Methods	12
31 31 Soil Treatment	12
31 32 Soil Stabilization	12
31 36 Gabions.....	15
31 37 Riprap.....	15
31 40 Shoring And Underpinning	15
31 41 Shoring.....	16
31 45 Vibroflotation And Densification	16
31 48 Underpinning	16
32 Exterior Improvements	1
32 01 Operation And Maintenance Of Exterior Improvements.....	1
32 01 11 Paving Cleaning.....	1
32 01 16 Flexible Paving Rehabilitation	1
32 01 17 Flexible Paving Repair	2
32 01 26 Rigid Paving Rehabilitation	4
32 01 90 Operation And Maintenance Of Planting	4
32 10 Bases, Ballasts, And Paving.....	7
32 11 Base Courses	7
32 12 Flexible Paving	8
32 13 Rigid Paving	13
32 14 Unit Paving.....	16
32 15 Aggregate Surfacing.....	19
32 16 Curbs, Gutters, Sidewalks, And Driveways	19
32 17 Paving Specialties	26
32 30 Site Improvements	37
32 31 Fences And Gates.....	37
32 32 Retaining Walls.....	83
32 33 Site Furnishings.....	89
32 39 Manufactured Site Specialties.....	96
32 80 Irrigation.....	98
32 84 Planting Irrigation.....	98
32 90 Planting.....	109
32 91 Planting Preparation	109
32 92 Turf And Grasses.....	112
32 93 Plants	115
32 94 Planting Accessories	146
32 96 Transplanting.....	149
33 Utilities	1
33 01 Operation And Maintenance Of Utilities.....	1
33 01 30 Operation And Maintenance Of Sewer Utilities.....	1
33 05 Common Work Results For Utilities.....	30
33 05 13 Manholes And Structures.....	30
33 05 16 Utility Structures.....	30
33 05 23 Trenchless Utility Installation.....	39
33 05 26 Utility Identification.....	41
33 10 Water Utilities.....	41
33 11 Water Utility Distribution Piping.....	41
33 12 Water Utility Distribution Equipment.....	89
33 13 Disinfecting of Water Utility Distribution.....	96
33 16 Water Utility Storage Tanks	97
33 20 Wells.....	97
33 21 Water Supply Wells	97
33 30 Sanitary Sewerage Utilities.....	98
33 31 Sanitary Utility Sewerage Piping.....	98
33 32 Wastewater Utility Pumping Stations	102
33 39 Sanitary Utility Sewerage Structures.....	102
33 40 Storm Drainage Utilities.....	106
33 41 Storm Utility Drainage Piping	106
33 42 Culverts	146
33 44 Storm Utility Water Drains.....	147
33 46 Subdrainage	159
33 50 Fuel Distribution Utilities.....	161
33 51 Natural-Gas Distribution.....	161

Table of Contents

33 56 Fuel-Storage Tanks	164
33 60 Hydronic And Steam Energy Utilities.....	164
33 61 Hydronic Energy Distribution.....	164
33 70 Electrical Utilities.....	183
33 71 Electrical Utility Transmission And Distribution.....	183
40 Process Interconnections	1
40 05 Common Work Results For Process Interconnections.....	1
40 05 23 Stainless Steel Process Pipe and Tubing.....	1
40 05 41 Glass Process Pipe	32

CTC Information:

- ☑ This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Natividad Medical Center**, priced locally using current labor, material and equipment costs, and published in March 2016.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Natividad Medical Center**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.



The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security and Medicare taxes, worker's

compensation, unemployment insurance and employee benefits.

- ☑ Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

EQUIPMENT COSTS:

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

MATERIAL COSTS:

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

Complete and In-Place Construction:

- ☑ Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than

Using The Construction Task Catalog®

- 2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task.
- Unit prices for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.
- Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
- Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.
- Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, flashing, pitch pockets, skylights, curbs, roofing, etc. include sealant and caulking.
- Unit prices include testing, calibration, balancing and the like required to ensure proper installation, construction and performance (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing, others as required). Use of owner supplied materials, equipment or tying into existing equipment/piping may justify testing, balancing, etc.

Demolition:

- Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
- Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).

- If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- The description "replace" includes the demolition of the existing item and the installation of the new item.
- The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
- The description "reinstall" includes the cleaning and installation of the existing item.
- Salvageable materials remain the property of the Owner and shall be turned over as directed when specified in the Job Order.

The Adjustment Factors Include:

BUSINESS COSTS:

- Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
 - home office overhead
 - insurance, bonds, and indemnification
 - project meetings, training, management and supervision
 - mobilization and close-out for the contract and each Job Order and
 - project office staff and equipment.
- Profit.
- Subcontractor's overhead and profit.

- ☑ All taxes for which a waiver is not available including material sales tax and equipment rental.
- ☑ Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
- ☑ Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
- ☑ Cost of financing the work.
- ☑ Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

CONSTRUCTION RELATED COSTS:

- ☑ Services required to obtain filings and permits.
- ☑ Preparation and modification of proposals, sketches, drawings, submittals, as-built drawings, CADD drawings, microfilm, and other project records.
- ☑ Incidental engineering and architectural services.
- ☑ Office trailer and portable toilets for Contractor's use.
- ☑ Construction vehicles such as pick-up trucks, utility trucks, vans, flat bed trucks, tractors, trailers, etc.
- ☑ Storage devices or items such as gang boxes and containers for Contractor's tools, equipment and materials.
- ☑ Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- ☑ Meeting Owner security requirements.
- ☑ Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

- ☑ Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
- ☑ Sealing, windows, and openings with plastic to contain construction dust and debris within the work area.
- ☑ Daily clean-up.
- ☑ Final professional project clean-up.
- ☑ Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- ☑ Costs resulting from productivity loss.
- ☑ Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
- ☑ Differences in project size; complexity and location.
- ☑ All costs for other than discreet items of work specifically required to complete a particular Job Order.

PRICE VARIATIONS:

- ☑ Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
- ☑ While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

GENERAL COSTS:

- ☑ This list is not exhaustive and is intended to provide general examples of cost items to be included in the

Using The Construction Task Catalog®

Contractor's Adjustment Factor as defined in the Contract.

- The only compensation to be paid to a Contractor for the unit price tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor
---------------------------------	----------	--	----------	--

- No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

General Interpretations:

WORKING HEIGHT:

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

FIELD ENGINEERING:

- Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

ASSEMBLIES:

- Assembly unit prices take precedence over individual component pricing.

TESTING:

- Contractor will be paid for testing existing material, as required by the technical specifications and as directed by the Owner (record tests) at the unit price for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

MISCELLANEOUS:

- For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
- Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
- Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories tasks and for certain electrical conduit and conduit accessories tasks. Only those tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated tasks. A non pre-priced task will not be allowed because of Restricted Working Space for any CTC task.
- Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage

tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC.

- ☑ Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

SPECIFICATIONS:

- ☑ Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted

Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

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

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240

Using The Construction Task Catalog®

Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170
Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

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

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

BULK FACTORS FOR DEMOLITION:

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

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

CONVERSIONS:

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

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

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

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

STANDARD GEOMETRY:

Circle

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

Cylinder

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

Sphere

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

$\pi = 3.14159$

United Inch

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

TRADEMARKS

- Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.



THIS PAGE INTENTIONALLY LEFT BLANK

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

23 Heating, Ventilating, And Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

23 01 Operation and Maintenance of HVAC Systems ⁽²³⁾

23 01 10 Operation and Maintenance of Facility Fuel Systems ^(23 01)

23 01 10 00-0001 Professional Certification For Hospital ^(23 01 10)

23 01 10 00-0002	HR	Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum	134.08
------------------	----	---	--------

23 01 10 00-0003 Purge Gas Systems ^(23 01 10)

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 00-0001 for refrigerant.

23 01 10 00-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	390.29
23 01 10 00-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	557.34
23 01 10 00-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	584.81
23 01 10 00-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	644.47
23 01 10 00-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	1,166.98
23 01 10 00-0009	EA	Up To 100', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	523.96
23 01 10 00-0010	EA	>100' To 250', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	751.95
23 01 10 00-0011	EA	>250' To 500', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	793.74
23 01 10 00-0012	EA	>500' To 1,000', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	884.15
23 01 10 00-0013	EA	>1,000' To 2,000', >1-2" To 4" Diameter Pipe, Purge Gas Systems.....	1,605.71
23 01 10 00-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	616.21
23 01 10 00-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	901.37
23 01 10 00-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,103.78
23 01 10 00-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	3,273.56
23 01 10 00-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	6,145.07

23 01 20 Operation and Maintenance of HVAC Piping and Pumps ^(23 01)

23 01 20 00-0001 Special Cleaning Of Piping Systems ^(23 01 20)

23 01 20 00-0002 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing ^(23 01 20 00-0001)

23 01 20 00-0003	LF	Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	1.74
23 01 20 00-0004	LF	>1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	2.88
23 01 20 00-0005	LF	>2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	4.03
23 01 20 00-0006	LF	>3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	5.21
23 01 20 00-0007	LF	>4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	7.24

23 01 20 00-0008 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing ^(23 01 20 00-0001)

23 01 20 00-0009	LF	Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	1.86
23 01 20 00-0010	LF	>1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	3.03
23 01 20 00-0011	LF	>2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	4.24
23 01 20 00-0012	LF	>3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	5.53
23 01 20 00-0013	LF	>4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	7.67

23 01 20 00-0014 Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing ^(23 01 20 00-0001)

23 01 20 00-0015	LF	Up To 1", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	1.89
23 01 20 00-0016	LF	>1" To 2", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	3.09
23 01 20 00-0017	LF	>2" To 3", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	4.33
23 01 20 00-0018	LF	>3" To 4", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	5.65
23 01 20 00-0019	LF	>4" To 6", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	7.83

23 01 20 00-0020 Lock Out/Tag Out System ^(23 01 20)

23 01 20 00-0021	EA	Up To 1", Lock Out/Tag Out Valve.....	21.13
23 01 20 00-0022	EA	>1" To 3", Lock Out/Tag Out Valve.....	25.35
23 01 20 00-0023	EA	>3" To 6", Lock Out/Tag Out Valve.....	29.58
23 01 20 00-0024	EA	>6" To 10", Lock Out/Tag Out Valve.....	33.81
23 01 20 00-0025	EA	>10" To 14", Lock Out/Tag Out Valve.....	42.26
23 01 20 00-0026	EA	Lock Out/Tag Out Padlock System.....	16.91
23 01 20 00-0027	EA	Lock Out/Tag Out Tag.....	2.76

23 01 20 00-0028 Freeze Pipe Using CO2 Kit ^(23 01 20)

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0029	EA	Up To 2" Freeze Pipe Using CO2 Kit.....	115.76
------------------	----	---	--------

23 01 20 00-0030 Freeze Pipe Using Nitrogen ^(23 01 20)

Note: For use on any water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 00-0031	EA	Up To 4" Pipe Freezing Using Nitrogen.....	1,064.14
Note: For each location. Includes freezing on each side of valve or fitting.			
23 01 20 00-0032	EA	>4" To 12" Pipe Freezing Using Nitrogen.....	2,128.29
Note: For each location. Includes freezing on each side of valve or fitting.			

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 01 20 00-0033	Water/Chlorine Pipe Disinfection/Flush/Testing <small>(23 01 20)</small>	
	Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".	
23 01 20 00-0034	LF Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing	1.39
23 01 20 00-0035	LF >1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing	1.90
23 01 20 00-0036	LF >2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing	2.93
23 01 20 00-0037	LF 4", Water/Chlorine Pipe Disinfection/Flush/Testing	4.03
23 01 20 00-0038	LF 6", Water/Chlorine Pipe Disinfection/Flush/Testing	4.96
23 01 20 00-0039	LF 8", Water/Chlorine Pipe Disinfection/Flush/Testing	6.26
23 01 20 00-0040	LF 10", Water/Chlorine Pipe Disinfection/Flush/Testing	8.25
23 01 20 00-0041	LF 12", Water/Chlorine Pipe Disinfection/Flush/Testing	9.90

23 01 20 00-0042	Shut Down Existing Piping System <small>(23 01 20)</small>	
23 01 20 00-0043	EA Shut Down Existing Interior Piping System	170.53
	Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	

23 01 20 00-0044	Purge Liquid Systems <small>(23 01 20)</small>	
	Note: Includes collection and refilling/bleeding of system.	
23 01 20 00-0045	EA Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System	278.21
23 01 20 00-0046	EA >100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System	397.33
23 01 20 00-0047	EA >250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System	478.08
23 01 20 00-0048	EA >500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	503.29
23 01 20 00-0049	EA >1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System	960.82
23 01 20 00-0050	EA Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Liquid System	370.32
23 01 20 00-0051	EA >100 To 250', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	528.45
23 01 20 00-0052	EA >250 To 500', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	629.11
23 01 20 00-0053	EA >500 To 1,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	668.92
23 01 20 00-0054	EA >1,000 To 2,000', 1-1/2" To 4" Diameter Pipe, Purge Liquid System	1,288.90
23 01 20 00-0055	EA Up To 100', >4" To 10" Diameter Pipe, Purge Liquid System	456.55
23 01 20 00-0056	EA >100 To 250', >4" To 10" Diameter Pipe, Purge Liquid System	652.41
23 01 20 00-0057	EA >250 To 500', >4" To 10" Diameter Pipe, Purge Liquid System	1,815.56
23 01 20 00-0058	EA >1,000 To 2,000', >4" To 10" Diameter Pipe, Purge Liquid System	2,881.21

23 01 20 00-0059	Add-A-Valve Emergency Shut Off Device <small>(23 01 20)</small>	
23 01 20 00-0060	EA 1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	206.93
23 01 20 00-0061	EA 3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	259.99
23 01 20 00-0062	EA 1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	357.80
23 01 20 00-0063	EA 1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	542.34
23 01 20 00-0064	EA 1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	667.97
23 01 20 00-0065	EA 2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,001.99

23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)**23 01 30 51 HVAC Air-Distribution System Cleaning** (23 01 30)**23 01 30 51-0001 Special Cleaning Of Ductwork** (23 01 30 51)

Note: Includes sealing registers, grilles, diffusers as required.

23 01 30 51-0002	LF Up To 2 SF Cross Section, Clean Supply/Return Ductwork	2.79
	<i>For Exhaust Ductwork, Add</i>	0.70
23 01 30 51-0003	LF >2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	3.48
	<i>For Exhaust Ductwork, Add</i>	0.87
23 01 30 51-0004	LF >4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	4.67
	<i>For Exhaust Ductwork, Add</i>	1.17
23 01 30 51-0005	LF >8 SF Cross Section, Clean Supply/Return Ductwork	6.60
	<i>For Exhaust Ductwork, Add</i>	1.65
23 01 30 51-0006	SF Clean Duct Dampers	9.39
23 01 30 51-0007	SF Clean Duct Fire Dampers	18.77
23 01 30 51-0008	SF Clean Louver	7.52
23 01 30 51-0009	EA Clean Turning Vane Set	22.54
23 01 30 51-0010	EA Clean Grille/Diffuser/Register	22.54
	Note: Includes removal and reinstallation.	
23 01 30 51-0011	LF Clean Linear Diffuser	5.63
	Note: Includes removal and reinstallation.	
23 01 30 51-0012	EA Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	73.19
	<i>For Stainless Steel, Add</i>	45.00
23 01 30 51-0013	EA Clean Variable Air Volume (VAV) Unit	67.60
23 01 30 51-0014	EA Clean Fan Powered Induction Unit (PIU) Unit	90.13
23 01 30 51-0015	EA Clean Fan Coil Unit (FCU) Unit	90.13
23 01 30 51-0016	EA Clean Supply Or Return Fan	180.27
23 01 30 51-0017	EA Clean Exhaust Fan	157.73
23 01 30 51-0018	EA Clean Duct Coil	135.20
23 01 30 51-0019	SF Clean Air Handling Unit Interior Housing, HEPA Vacuum	4.51
	Note: Excluding fan and coils.	
23 01 30 51-0020	EA Clean Air Handling Unit Fan	180.27
23 01 30 51-0021	EA Clean Air Handling Unit Coil	270.40
23 01 30 51-0022	SF Clean Equipment Surfaces, Rust Reform And Prime	2.26
23 01 30 51-0023	SF Clean Interior Equipment Surfaces, Rust Reform And Prime	2.71
23 01 30 51-0024	SF HEPA Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.51
23 01 30 51-0025	EA Cleaning Of Ductwork Minimum Set-up Charge	646.92
	Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
23 01 30 51-0026	SF Apply Antimicrobial Agent To Ductwork And Surfaces After Cleaning	0.36

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

23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)

23 01 50 00-0001 Boiler And Chiller Water Treatment (23 01 50)
Note: 3 LB chemical per 50 gallon system water.

23 01 50 00-0002 LB	Boil Out Boiler And System With Caustic Soda	0.84	
	Note: Includes disposal after treatment.		
23 01 50 00-0003 LB	Boil Out Boiler And System With Trisodium Phosphate.....	1.26	
	Note: Includes disposal after treatment.		
23 01 50 00-0004 GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	79.04	

23 01 50 00-0005 Boiler Repairs (23 01 50)

23 01 50 00-0006 Setup And Maintenance (23 01 50 00-0005)

23 01 50 00-0007 EA	Set-up Charge For Boiler Fire Side Maintenance	1,860.19	
	Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.		
23 01 50 00-0008 EA	Close-up Charge For Boiler Fire Side Maintenance	1,978.27	
	Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.		
	<i>For Burner Seals, Add</i>	586.02	
	<i>Note: Used when burner must be removed from door for maintenance.</i>		
23 01 50 00-0009 EA	Setup Charge For Boiler Water Side Maintenance	2,480.25	
	Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.		
23 01 50 00-0010 EA	Up To 100 HP, Hydrostatic Test - Boiler Maintenance	1,240.13	
	Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
23 01 50 00-0011 EA	>100 HP, Hydrostatic Test - Boiler Maintenance	2,480.25	
	Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.		
23 01 50 00-0012 EA	Remove And Replace Handhole.....	77.51	
23 01 50 00-0013 EA	Remove And Replace Manhole	232.52	
23 01 50 00-0014 SF	Sheet Metal Jacket Patch	9.59	

23 01 50 00-0015 Boiler Tube Replacement (23 01 50 00-0005)

23 01 50 00-0016 EA	Remove Up To 2" Boiler Tube	186.02	
23 01 50 00-0017 EA	Remove >2" To 3" Boiler Tube	232.53	
23 01 50 00-0018 EA	Remove >3" To 4" Boiler Tube	325.53	
23 01 50 00-0019 LF	Place 1-1/2" Boiler Tube Into Position For Termination	5.34	
23 01 50 00-0020 LF	Place 2" Boiler Tube Into Position For Termination	6.16	
23 01 50 00-0021 LF	Place 2-1/2" Boiler Tube Into Position For Termination	6.99	
23 01 50 00-0022 LF	Place 3" Boiler Tube Into Position For Termination	9.68	
23 01 50 00-0023 LF	Place 3-1/2" Boiler Tube Into Position For Termination	11.24	
23 01 50 00-0024 LF	Place 4" Boiler Tube Into Position For Termination	14.17	
23 01 50 00-0025 EA	1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	23.25	
23 01 50 00-0026 EA	2" Rolled Boiler Tube Termination (2 Per New Tube).....	34.88	
23 01 50 00-0027 EA	2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	46.51	
23 01 50 00-0028 EA	3" Rolled Boiler Tube Termination (2 Per New Tube).....	58.13	
23 01 50 00-0029 EA	3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	69.76	
23 01 50 00-0030 EA	4" Rolled Boiler Tube Termination (2 Per New Tube).....	81.38	
23 01 50 00-0031 EA	1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	69.76	
23 01 50 00-0032 EA	2" Welded Boiler Tube Termination (2 Per New Tube).....	93.01	
23 01 50 00-0033 EA	2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	116.26	
23 01 50 00-0034 EA	3" Welded Boiler Tube Termination (2 Per New Tube).....	139.52	
23 01 50 00-0035 EA	3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	162.76	
23 01 50 00-0036 EA	4" Welded Boiler Tube Termination (2 Per New Tube).....	186.02	
23 01 50 00-0037 EA	Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	217.36	

23 01 50 00-0038 Cast Iron Boiler Section Replacement (23 01 50 00-0005)

23 01 50 00-0039 EA	Replace Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	2,094.83	
23 01 50 00-0040 EA	Replace Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,451.66	
23 01 50 00-0041 EA	Replace Inside Section Of Weil McLain Model 80 Cast Iron Boiler.....	1,803.77	
23 01 50 00-0042 EA	Replace Front Section Of Weil McLain Model 88 Cast Iron Boiler	3,874.51	
23 01 50 00-0043 EA	Replace Rear Section Of Weil McLain Model 88 Cast Iron Boiler	2,876.28	
23 01 50 00-0044 EA	Replace Inside Section Of Weil McLain Model 88 Cast Iron Boiler.....	3,317.80	
23 01 50 00-0045 EA	Replace Front Section Of Weil McLain Model 94 Cast Iron Boiler	6,307.46	
23 01 50 00-0046 EA	Replace Rear Section Of Weil McLain Model 94 Cast Iron Boiler	4,937.86	
23 01 50 00-0047 EA	Replace Inside Section Of Weil McLain Model 94 Cast Iron Boiler.....	5,249.71	

23 01 50 00-0048 Cast Iron Grate Replacement (23 01 50 00-0005)

23 01 50 00-0049 SF	Replace Cast Iron Boiler Grates, Prepared From Casting Mold	103.99	
	Note: Includes support, linkages and removal of existing.		
23 01 50 00-0050 EA	Prepare Cast Iron Boiler Grate Mold.....	1,544.88	
	Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.		

23 01 50 00-0051 Replacement Or Conversion Of Boiler Burners (23 01 50 00-0005)

Note: Includes mounting plate, mechanical and electrical labor for installation of burners.

23 01 50 00-0052 EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	5,740.11	829.63
23 01 50 00-0053 EA	2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	8,209.44	1,027.14
23 01 50 00-0054 EA	2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	9,710.25	1,244.36
23 01 50 00-0055 EA	3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	11,398.24	1,338.74

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 50 Operation and Maintenance of Central Heating Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 01 60 Operation and Maintenance of Central Cooling Equipment (23 01)**23 01 60 00-0001 Refrigerant Recovery, Reclaim And Recycling (23 01 60)**

23 01 60 00-0002	LB	Recovery Of Refrigerant	6.63
23 01 60 00-0003	LB	Recovery And Recharging Of Refrigerant.....	12.42

Note: Includes cleaning refrigerant gas prior to recharging.

23 05 Common Work Results For HVAC (23)**23 05 13 Common Motor Requirements For HVAC Equipment (23 05)**

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.

23 05 13 00-0001 Premium Efficient, Motors (23 05 13)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.

23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, open drip proof, three phase AC motors.

23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)

23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	404.30
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	457.79
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	536.72
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	450.78
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	478.84
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	627.93
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	529.71
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	513.04
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	641.96
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	536.72
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	553.39
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	817.36
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	585.84
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	606.01
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,070.82
23 05 13 00-0019	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	929.62
23 05 13 00-0020	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	891.03
23 05 13 00-0021	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,283.93
23 05 13 00-0022	EA	10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,062.92
23 05 13 00-0023	EA	10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,078.71
23 05 13 00-0024	EA	10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,670.68
23 05 13 00-0025	EA	15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,510.19
23 05 13 00-0026	EA	15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,527.73
23 05 13 00-0027	EA	15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,253.01
23 05 13 00-0028	EA	20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,774.17
23 05 13 00-0029	EA	20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,918.00
23 05 13 00-0030	EA	20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,742.38
23 05 13 00-0031	EA	25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,130.23
23 05 13 00-0032	EA	25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,338.08
23 05 13 00-0033	EA	25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,312.43
23 05 13 00-0034	EA	30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,513.48
23 05 13 00-0035	EA	30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	2,556.46
23 05 13 00-0036	EA	30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,455.38
23 05 13 00-0037	EA	40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,328.76
23 05 13 00-0038	EA	40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,335.23
23 05 13 00-0039	EA	50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,527.29
23 05 13 00-0040	EA	50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	3,680.77
23 05 13 00-0041	EA	60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,463.05
23 05 13 00-0042	EA	60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	4,634.07
23 05 13 00-0043	EA	75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,854.85
23 05 13 00-0044	EA	75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	5,688.22
23 05 13 00-0045	EA	100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,258.27
23 05 13 00-0046	EA	100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	6,617.84
23 05 13 00-0047	EA	125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	7,854.41
23 05 13 00-0048	EA	125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	8,118.39
23 05 13 00-0049	EA	150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	9,689.10

23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)

23 05 13 00-0051	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	4,922.60
23 05 13 00-0052	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	5,959.22
23 05 13 00-0053	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	7,565.88
23 05 13 00-0054	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	8,423.58
23 05 13 00-0055	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,271.64
23 05 13 00-0056	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,012.71
23 05 13 00-0057	EA	150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	9,018.19
23 05 13 00-0058	EA	150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	11,792.14
23 05 13 00-0059	EA	200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	10,980.04
23 05 13 00-0060	EA	200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	11,269.45
23 05 13 00-0061	EA	200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor	15,500.98

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

23 05 13 00-0062			Premium Efficient, TEFC Motors <small>(23 05 13 00-0001)</small>		
			Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.		
23 05 13 00-0063			Steel Frame, Premium Efficient, TEFC Motors <small>(23 05 13 00-0062)</small>		
23 05 13 00-0064	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor.....	472.70	
23 05 13 00-0065	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	520.94	
23 05 13 00-0066	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	620.04	
23 05 13 00-0067	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor	535.85	
23 05 13 00-0068	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor	541.11	
23 05 13 00-0069	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	586.71	
23 05 13 00-0070	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	561.28	
23 05 13 00-0071	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	650.73	
23 05 13 00-0072	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	620.04	
23 05 13 00-0073	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	995.40	
23 05 13 00-0074	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	721.77	
23 05 13 00-0075	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	678.80	
23 05 13 00-0076	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,124.31	
23 05 13 00-0077	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	1,081.34	
23 05 13 00-0078	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor	978.73	
23 05 13 00-0079	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,096.25	
23 05 13 00-0080	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,105.02	
23 05 13 00-0081			Cast Iron Frame, Premium Efficient, TEFC Motors <small>(23 05 13 00-0062)</small>		
23 05 13 00-0082	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	674.41	
23 05 13 00-0083	EA		1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	755.10	
23 05 13 00-0084	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	712.12	
23 05 13 00-0085	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	698.97	
23 05 13 00-0086	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	898.92	
23 05 13 00-0087	EA		2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	748.96	
23 05 13 00-0088	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	732.30	
23 05 13 00-0089	EA		2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	912.96	
23 05 13 00-0090	EA		3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	808.59	
23 05 13 00-0091	EA		3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	831.40	
23 05 13 00-0092	EA		3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,137.47	
23 05 13 00-0093	EA		5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	995.40	
23 05 13 00-0094	EA		5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	832.27	
23 05 13 00-0095	EA		5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,319.88	
23 05 13 00-0096	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,152.38	
23 05 13 00-0097	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,110.28	
23 05 13 00-0098	EA		7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,882.04	
23 05 13 00-0099	EA		10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,350.58	
23 05 13 00-0100	EA		10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,245.34	
23 05 13 00-0101	EA		10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,148.65	
23 05 13 00-0102	EA		15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,860.99	
23 05 13 00-0103	EA		15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,703.13	
23 05 13 00-0104	EA		15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,866.04	
23 05 13 00-0105	EA		20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,042.53	
23 05 13 00-0106	EA		20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,065.34	
23 05 13 00-0107	EA		20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,815.83	
23 05 13 00-0108	EA		25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	2,665.20	
23 05 13 00-0109	EA		25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,701.16	
23 05 13 00-0110	EA		25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,317.47	
23 05 13 00-0111	EA		30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	3,166.85	
23 05 13 00-0112	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,204.56	
23 05 13 00-0113	EA		30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,987.50	
23 05 13 00-0114	EA		40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	4,341.15	
23 05 13 00-0115	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,190.31	
23 05 13 00-0116	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,215.30	
23 05 13 00-0117	EA		50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	4,748.96	
23 05 13 00-0118	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,579.69	
23 05 13 00-0119	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,510.63	
23 05 13 00-0120	EA		60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	6,671.34	
23 05 13 00-0121	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,589.78	
23 05 13 00-0122	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,116.42	
23 05 13 00-0123	EA		75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	7,761.45	
23 05 13 00-0124	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,705.32	
23 05 13 00-0125	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,616.08	
23 05 13 00-0126	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	9,568.95	
23 05 13 00-0127	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,846.52	
23 05 13 00-0128	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,626.83	
23 05 13 00-0129	EA		200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	17,126.06	
23 05 13 00-0130			Premium Efficient, Severe Duty Motors <small>(23 05 13 00-0001)</small>		
			Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.		
23 05 13 00-0131	EA		1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	700.72	
23 05 13 00-0132	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	770.01	
23 05 13 00-0133	EA		1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	850.69	
23 05 13 00-0134	EA		1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,195.35	
23 05 13 00-0135	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	797.19	
23 05 13 00-0136	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	784.92	
23 05 13 00-0137	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	995.40	
23 05 13 00-0138	EA		1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,487.39	
23 05 13 00-0139	EA		2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	834.03	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 13 Common Motor Requirements For HVAC Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	819.12	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,008.55	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,875.90	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	986.62	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,036.61	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,455.82	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,034.64	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,213.77	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,055.03	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,475.11	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,238.76	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,583.86	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,328.66	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,110.94	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,703.57	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,686.47	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	1,590.88	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,742.38	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,320.10	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,157.42	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,026.75	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,144.04	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,767.15	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,516.99	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,174.08	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,271.87	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,574.87	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,024.77	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	2,844.99	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,463.93	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,687.78	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	3,378.20	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,754.87	
23 05 13 00-0173	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,066.43	
23 05 13 00-0174	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	4,420.08	
23 05 13 00-0175	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,172.98	
23 05 13 00-0176	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,309.36	
23 05 13 00-0177	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,188.33	
23 05 13 00-0178	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,640.42	
23 05 13 00-0179	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,705.32	
23 05 13 00-0180	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,953.73	
23 05 13 00-0181	EA	60 HP, 1,800 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,436.30	
23 05 13 00-0182	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,613.89	
23 05 13 00-0183	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,125.40	
23 05 13 00-0184	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,701.59	
23 05 13 00-0185	EA	100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,827.44	
23 05 13 00-0186	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,666.07	
23 05 13 00-0187	EA	100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	13,970.61	
23 05 13 00-0188	EA	125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,722.64	
23 05 13 00-0189	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,609.51	
23 05 13 00-0190	EA	125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	15,782.49	
23 05 13 00-0191	EA	150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,915.14	
23 05 13 00-0192	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,772.19	
23 05 13 00-0193	EA	150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,794.33	
23 05 13 00-0194	EA	200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,661.90	
23 05 13 00-0195	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	17,770.65	
23 05 13 00-0196	EA	200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	23,308.91	

23 05 13 00-0197 Premium Efficient, Explosion Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	934.88	
23 05 13 00-0199	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	968.21	
23 05 13 00-0200	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,055.91	
23 05 13 00-0201	EA	3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,304.98	
23 05 13 00-0202	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,447.05	
23 05 13 00-0203	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,994.30	
23 05 13 00-0204	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,035.52	
23 05 13 00-0205	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,755.53	
23 05 13 00-0206	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	3,141.41	
23 05 13 00-0207	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	4,127.16	
23 05 13 00-0208	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	4,632.31	
23 05 13 00-0209	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	6,057.44	
23 05 13 00-0210	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	6,822.18	
23 05 13 00-0211	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	9,543.51	
23 05 13 00-0212	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	11,203.68	
23 05 13 00-0213	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	13,647.87	
23 05 13 00-0214	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	17,838.18	
23 05 13 00-0215	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	20,353.42	

23 05 13 00-0216 Motor Mounting (23 05 13)

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA	1/2 HP Motor Mounting.....	135.17	68.78
23 05 13 00-0218	EA	3/4 HP Motor Mounting.....	155.75	85.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0219	EA		1 HP Motor Mounting.....	166.61	85.97
23 05 13 00-0220	EA		1-1/2 HP Motor Mounting.....	179.11	85.97
23 05 13 00-0221	EA		2 HP Motor Mounting.....	193.63	103.16
23 05 13 00-0222	EA		3 HP Motor Mounting.....	223.88	103.16
23 05 13 00-0223	EA		5 HP Motor Mounting.....	265.34	171.94
23 05 13 00-0224	EA		7-1/2 HP Motor Mounting.....	341.15	171.94
23 05 13 00-0225	EA		10 HP Motor Mounting.....	447.76	300.89
23 05 13 00-0226	EA		15 HP Motor Mounting.....	551.09	300.89
23 05 13 00-0227	EA		20 HP Motor Mounting.....	651.29	429.85
23 05 13 00-0228	EA		25 HP Motor Mounting.....	738.57	429.85
23 05 13 00-0229	EA		30 HP Motor Mounting.....	895.51	429.85
23 05 13 00-0230	EA		40 HP Motor Mounting.....	1,009.03	644.77
23 05 13 00-0231	EA		50 HP Motor Mounting.....	1,119.40	644.77
23 05 13 00-0232	EA		75 HP Motor Mounting.....	1,351.72	945.66
23 05 13 00-0233	EA		100 HP Motor Mounting.....	1,628.21	945.66
23 05 13 00-0234	EA		125 HP Motor Mounting.....	1,990.03	1,289.54
23 05 13 00-0235	EA		150 HP Motor Mounting.....	2,311.01	1,289.54
23 05 13 00-0236	EA		200 HP Motor Mounting.....	2,653.37	1,547.45

23 05 16 Expansion Fittings And Loops For HVAC Piping (23 05)

23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints (23 05 16)
Note: Includes internal sleeves and external covers.

23 05 16 00-0002 Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)
Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA		1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	159.73	68.15
			<i>For 300 LB Rating, Add</i>	5.84	
23 05 16 00-0004	EA		3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	179.19	76.86
			<i>For 300 LB Rating, Add</i>	6.39	
23 05 16 00-0005	EA		1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	209.50	88.11
			<i>For 300 LB Rating, Add</i>	8.34	
23 05 16 00-0006	EA		1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	236.47	98.34
			<i>For 300 LB Rating, Add</i>	10.01	
23 05 16 00-0007	EA		1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	255.82	105.69
			<i>For 300 LB Rating, Add</i>	11.11	
23 05 16 00-0008	EA		2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	295.35	124.37
			<i>For 300 LB Rating, Add</i>	11.67	

23 05 16 00-0009 Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)
Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA		1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	659.51	62.27
			<i>For 300 LB Rating, Add</i>	133.75	
23 05 16 00-0011	EA		1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	695.55	62.74
			<i>For 300 LB Rating, Add</i>	142.50	
23 05 16 00-0012	EA		2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	699.83	64.92
			<i>For 300 LB Rating, Add</i>	142.52	
23 05 16 00-0013	EA		2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	753.86	70.76
			<i>For 300 LB Rating, Add</i>	153.08	
23 05 16 00-0014	EA		3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	828.01	83.21
			<i>For 300 LB Rating, Add</i>	165.42	
23 05 16 00-0015	EA		4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,044.69	165.58
			<i>For 300 LB Rating, Add</i>	178.43	
23 05 16 00-0016	EA		5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,405.74	171.01
			<i>For 300 LB Rating, Add</i>	266.04	
23 05 16 00-0017	EA		6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,290.04	189.34
			<i>For 300 LB Rating, Add</i>	227.84	
23 05 16 00-0018	EA		8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,613.01	216.37
			<i>For 300 LB Rating, Add</i>	295.33	
23 05 16 00-0019	EA		10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,057.17	265.07
			<i>For 300 LB Rating, Add</i>	382.02	
23 05 16 00-0020	EA		12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,716.06	321.27
			<i>For 300 LB Rating, Add</i>	518.17	
23 05 16 00-0021	EA		14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,370.67	327.18
			<i>For 300 LB Rating, Add</i>	679.04	
23 05 16 00-0022	EA		16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	4,507.91	408.97
			<i>For 300 LB Rating, Add</i>	923.08	

23 05 16 00-0023 Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)
Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0024	EA		1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	616.47	93.41
			<i>For 300 LB Rating, Add</i>	107.43	
23 05 16 00-0025	EA		1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	646.20	94.19
			<i>For 300 LB Rating, Add</i>	114.45	
23 05 16 00-0026	EA		2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	652.69	97.31
			<i>For 300 LB Rating, Add</i>	114.47	
23 05 16 00-0027	EA		2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	704.26	106.10
			<i>For 300 LB Rating, Add</i>	122.95	
23 05 16 00-0028	EA		3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	782.36	124.78
			<i>For 300 LB Rating, Add</i>	133.14	
23 05 16 00-0029	EA		4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,069.70	248.47
			<i>For 300 LB Rating, Add</i>	143.32	
23 05 16 00-0030	EA		5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,366.45	256.52
			<i>For 300 LB Rating, Add</i>	213.68	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0031	EA		6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,299.61	284.01
			<i>For 300 LB Rating, Add</i>	183.00	
23 05 16 00-0032	EA		8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,596.91	324.53
			<i>For 300 LB Rating, Add</i>	237.20	
23 05 16 00-0033	EA		10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,020.97	397.61
			<i>For 300 LB Rating, Add</i>	306.84	
23 05 16 00-0034	EA		12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,628.64	481.98
			<i>For 300 LB Rating, Add</i>	416.19	
23 05 16 00-0035	EA		14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,247.83	490.76
			<i>For 300 LB Rating, Add</i>	566.52	
23 05 16 00-0036	EA		16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	4,307.64	613.46
			<i>For 300 LB Rating, Add</i>	770.12	
23 05 16 00-0037			Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints <small>(23 05 16)</small>		
23 05 16 00-0038			Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joints <small>(23 05 16 00-0037)</small>		
23 05 16 00-0039	EA		2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	442.07	64.92
23 05 16 00-0040	EA		2-1/2" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	477.01	70.76
23 05 16 00-0041	EA		3" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	528.84	83.21
23 05 16 00-0042	EA		4" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	721.99	165.49
23 05 16 00-0043	EA		5" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	924.59	170.78
23 05 16 00-0044	EA		6" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	877.98	189.34
23 05 16 00-0045	EA		8" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,078.90	215.84
23 05 16 00-0046	EA		10" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,366.27	264.54
23 05 16 00-0047	EA		12" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	1,778.93	321.64
23 05 16 00-0048	EA		14" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	2,142.60	327.25
23 05 16 00-0049	EA		16" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	2,838.49	407.83
23 05 16 00-0050	EA		18" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	3,682.15	462.74
23 05 16 00-0051	EA		20" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	4,273.21	520.68
23 05 16 00-0052	EA		24" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	4,949.48	638.82
23 05 16 00-0053	EA		30" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	6,582.71	1,041.36
23 05 16 00-0054	EA		36" Flanged, 150 LB, Ethylene Propylene Diene Monomer (EPDM) Bellows Type Expansion Joint.....	8,335.39	1,325.36
23 05 16 00-0055			Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints <small>(23 05 16)</small>		
23 05 16 00-0056			Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joints <small>(23 05 16 00-0055)</small>		
23 05 16 00-0057	EA		2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	511.75	64.92
23 05 16 00-0058	EA		2-1/2" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	551.85	70.76
23 05 16 00-0059	EA		3" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	609.71	83.21
23 05 16 00-0060	EA		4" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	809.22	165.49
23 05 16 00-0061	EA		5" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,054.66	170.78
23 05 16 00-0062	EA		6" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	989.37	189.34
23 05 16 00-0063	EA		8" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,223.29	215.84
23 05 16 00-0064	EA		10" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	1,553.04	264.54
23 05 16 00-0065	EA		12" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	2,032.25	321.64
23 05 16 00-0066	EA		14" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	2,474.57	327.25
23 05 16 00-0067	EA		16" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	3,289.77	407.83
23 05 16 00-0068	EA		18" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	4,296.83	462.74
23 05 16 00-0069	EA		20" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	4,994.62	520.68
23 05 16 00-0070	EA		24" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	5,767.97	638.82
23 05 16 00-0071	EA		30" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	7,585.61	1,041.36
23 05 16 00-0072	EA		36" Flanged, 150 LB, Chlorobutyl Rubber (CIIR) And Polyester Bellows Type Expansion Joint.....	9,603.57	1,325.36
23 05 16 00-0073			Neoprene Bellows Type Expansion Joints <small>(23 05 16)</small>		
23 05 16 00-0074			Flanged, 150 LB, Neoprene Bellows Type Expansion Joints <small>(23 05 16 00-0073)</small>		
			Note: Cast iron ends.		
23 05 16 00-0075	EA		2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	421.69	64.99
23 05 16 00-0076	EA		2-1/2" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	449.70	70.84
23 05 16 00-0077	EA		3" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	478.55	83.29
23 05 16 00-0078	EA		4" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	679.67	165.41
23 05 16 00-0079	EA		5" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	767.33	170.78
23 05 16 00-0080	EA		6" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	811.18	189.34
23 05 16 00-0081	EA		8" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	945.32	215.84
23 05 16 00-0082	EA		10" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,083.25	264.69
23 05 16 00-0083	EA		12" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,238.08	321.49
23 05 16 00-0084	EA		14" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,445.19	327.18
23 05 16 00-0085	EA		16" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	1,890.13	407.83
23 05 16 00-0086	EA		18" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	2,386.55	462.74
23 05 16 00-0087	EA		20" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	2,762.78	520.68
23 05 16 00-0088	EA		24" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	3,233.60	638.82
23 05 16 00-0089	EA		30" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	4,472.75	1,041.36
23 05 16 00-0090	EA		36" Flanged, 150 LB, Neoprene Bellows Type Expansion Joint.....	5,671.54	1,325.36
23 05 16 00-0091			Tube And Cover Expansion Joints <small>(23 05 16)</small>		
			Note: Carbon steel split backup rings.		
23 05 16 00-0092			Flanged, 150 LB, Tube And Cover Expansion Joints <small>(23 05 16 00-0091)</small>		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0093		Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joints <small>(23 05 16 00-0092)</small>		
23 05 16 00-0094	EA	1" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	261.77	58.39
23 05 16 00-0095	EA	1-1/4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	281.16	62.27
23 05 16 00-0096	EA	1-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	310.93	62.67
23 05 16 00-0097	EA	2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	338.55	64.84
23 05 16 00-0098	EA	2-1/2" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	379.49	70.84
23 05 16 00-0099	EA	3" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	536.57	140.70
23 05 16 00-0100	EA	4" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	656.36	180.27
23 05 16 00-0101	EA	5" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	718.01	196.58
23 05 16 00-0102	EA	6" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	767.30	189.34
23 05 16 00-0103	EA	8" x 6" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	972.21	216.37
23 05 16 00-0104	EA	10" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,344.16	257.35
23 05 16 00-0105	EA	12" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,711.75	322.25
23 05 16 00-0106	EA	14" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	1,826.02	327.18
23 05 16 00-0107	EA	16" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,132.30	407.83
23 05 16 00-0108	EA	18" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,346.63	462.74
23 05 16 00-0109	EA	20" x 8" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	2,793.26	520.75
23 05 16 00-0110	EA	24" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	3,395.84	639.36
23 05 16 00-0111	EA	30" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	4,949.29	1,041.96
23 05 16 00-0112	EA	36" x 10" Flanged, 150 LB, Butyl, Ethylene Propylene Diene Monomer (EPDM), Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 451)	5,910.53	1,325.36
23 05 16 00-0113		Flanged, 150 LB, Rubber Tube And Cover Expansion Joints <small>(23 05 16 00-0092)</small>		
23 05 16 00-0114	EA	1" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	250.17	58.39
23 05 16 00-0115	EA	1-1/4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	269.56	62.27
23 05 16 00-0116	EA	1-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	299.33	62.67
23 05 16 00-0117	EA	2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	326.95	64.84
23 05 16 00-0118	EA	2-1/2" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	367.89	70.84
23 05 16 00-0119	EA	3" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	524.97	140.70
23 05 16 00-0120	EA	4" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	638.96	180.27
23 05 16 00-0121	EA	5" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	700.61	196.58
23 05 16 00-0122	EA	6" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	749.90	189.34
23 05 16 00-0123	EA	8" x 6" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	943.21	216.37
23 05 16 00-0124	EA	10" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,280.35	257.35
23 05 16 00-0125	EA	12" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,653.75	322.25
23 05 16 00-0126	EA	14" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	1,762.22	327.18
23 05 16 00-0127	EA	16" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,068.50	407.83
23 05 16 00-0128	EA	18" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,277.02	462.74
23 05 16 00-0129	EA	20" x 8" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	2,712.06	520.75
23 05 16 00-0130	EA	24" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	3,297.23	639.36
23 05 16 00-0131	EA	30" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	4,665.07	1,041.96
23 05 16 00-0132	EA	36" x 10" Flanged, 150 LB, Rubber Tube And Cover Expansion Joint (Mercer 451)	5,748.12	1,325.36
23 05 16 00-0133		Flanged, 125 LB, Buna-N Tube And Cover Expansion Joints <small>(23 05 16 00-0092)</small>		
23 05 16 00-0134	EA	2" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	332.75	64.84
23 05 16 00-0135	EA	3" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	520.62	140.70
23 05 16 00-0136	EA	4" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	633.16	180.27
23 05 16 00-0137	EA	6" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	700.59	189.34
23 05 16 00-0138	EA	8" x 6" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	827.20	216.37
23 05 16 00-0139	EA	10" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,007.73	257.35
23 05 16 00-0140	EA	12" x 8" Flanged, 125 LB, Buna-N Tube And Cover Expansion Joint (Mercer 451)	1,227.42	322.25
23 05 16 00-0141		Flanged, Tube And Cover Expansion Joints (Mercer 501) <small>(23 05 16 00-0091)</small>		
23 05 16 00-0142		Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joints (501EE) <small>(23 05 16 00-0141)</small>		
23 05 16 00-0143	EA	1-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	484.94	62.67
23 05 16 00-0144	EA	2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	518.37	64.84
23 05 16 00-0145	EA	2-1/2" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	541.90	70.84
23 05 16 00-0146	EA	3" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	722.18	140.70
23 05 16 00-0147	EA	4" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	870.98	180.27

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 16 Expansion Fittings And Loops For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 16 00-0148	EA	5" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	950.03	196.58
23 05 16 00-0149	EA	6" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	987.71	189.34
23 05 16 00-0150	EA	8" x 6" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,262.23	216.37
23 05 16 00-0151	EA	10" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,541.37	257.35
23 05 16 00-0152	EA	12" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,810.36	322.25
23 05 16 00-0153	EA	14" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	1,976.83	327.18
23 05 16 00-0154	EA	16" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,254.11	407.83
23 05 16 00-0155	EA	18" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,491.64	462.74
23 05 16 00-0156	EA	20" x 8" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	2,909.27	520.75
23 05 16 00-0157	EA	24" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	3,569.85	639.36
23 05 16 00-0158	EA	30" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	5,233.51	1,041.96
23 05 16 00-0159	EA	36" x 10" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	6,432.57	1,325.36
23 05 16 00-0160	EA	42" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	7,734.58	1,570.36
23 05 16 00-0161	EA	48" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	8,908.66	1,818.09
23 05 16 00-0162	EA	60" x 12" Flanged, Ethylene Propylene Diene Monomer (EPDM) Tube And Cover Expansion Joint (Mercer 501EE)	10,832.46	2,083.91

23 05 16 00-0163 Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 501RR)

(23 05 16 00-0141)

23 05 16 00-0164	EA	1-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	461.74	62.67
23 05 16 00-0165	EA	2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	489.36	64.84
23 05 16 00-0166	EA	2-1/2" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	512.90	70.84
23 05 16 00-0167	EA	3" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	687.38	140.70
23 05 16 00-0168	EA	4" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	830.37	180.27
23 05 16 00-0169	EA	5" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	909.43	196.58
23 05 16 00-0170	EA	6" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	941.31	189.34
23 05 16 00-0171	EA	8" x 6" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,198.42	216.37
23 05 16 00-0172	EA	10" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,465.97	257.35
23 05 16 00-0173	EA	12" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,723.35	322.25
23 05 16 00-0174	EA	14" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	1,878.22	327.18
23 05 16 00-0175	EA	16" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,149.70	407.83
23 05 16 00-0176	EA	18" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,369.83	462.74
23 05 16 00-0177	EA	20" x 8" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	2,770.06	520.75
23 05 16 00-0178	EA	24" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	3,401.64	639.36
23 05 16 00-0179	EA	30" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	4,995.69	1,041.96
23 05 16 00-0180	EA	36" x 10" Flanged, Natural Rubber Tube And Cover Expansion Joint (Mercer 501RR)	6,148.35	1,325.36

23 05 16 00-0181 Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)

(23 05 16 00-0141)

Note: 501BB, 501NN or 501NiNi.

23 05 16 00-0182	EA	1-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	484.94	62.67
23 05 16 00-0183	EA	2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	524.17	64.84
23 05 16 00-0184	EA	2-1/2" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	541.90	70.84
23 05 16 00-0185	EA	3" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	722.18	140.70
23 05 16 00-0186	EA	4" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	870.98	180.27
23 05 16 00-0187	EA	5" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	950.03	196.58
23 05 16 00-0188	EA	6" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	993.51	189.34
23 05 16 00-0189	EA	8" x 6" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,262.23	216.37
23 05 16 00-0190	EA	10" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,541.37	257.35
23 05 16 00-0191	EA	12" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,810.36	322.25
23 05 16 00-0192	EA	14" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	1,976.83	327.18
23 05 16 00-0193	EA	16" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,254.11	407.83
23 05 16 00-0194	EA	18" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,491.64	462.74
23 05 16 00-0195	EA	20" x 8" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	2,909.27	520.75
23 05 16 00-0196	EA	24" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	3,569.85	639.36
23 05 16 00-0197	EA	30" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	5,233.51	1,041.96
23 05 16 00-0198	EA	36" x 10" Flanged, Butyl, Neoprene Or Nitrile Tube And Cover Expansion Joint (Mercer 501)	6,432.57	1,325.36

23 05 16 00-0199 Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joints (Mercer 501NNFA)

(23 05 16 00-0141)

23 05 16 00-0200	EA	1-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	502.35	62.67
23 05 16 00-0201	EA	2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	535.77	64.84
23 05 16 00-0202	EA	2-1/2" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	559.30	70.84
23 05 16 00-0203	EA	3" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	745.38	140.70
23 05 16 00-0204	EA	4" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	899.98	180.27
23 05 16 00-0205	EA	5" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	979.03	196.58
23 05 16 00-0206	EA	6" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,022.51	189.34
23 05 16 00-0207	EA	8" x 6" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,302.83	216.37
23 05 16 00-0208	EA	10" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,593.57	257.35
23 05 16 00-0209	EA	12" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	1,874.16	322.25
23 05 16 00-0210	EA	14" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,040.64	327.18
23 05 16 00-0211	EA	16" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,329.51	407.83
23 05 16 00-0212	EA	18" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	2,567.04	462.74
23 05 16 00-0213	EA	20" x 8" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,002.08	520.75
23 05 16 00-0214	EA	24" x 10" Flanged, Neoprene Tube And Cover, Filled Arch Expansion Joint (Mercer 501NNFA)	3,691.66	639.36

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 16 Expansion Fittings And Loops For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for item number, description, and costs. Section: 23 05 16 00-0269 Expansion Joints, 2 Arch (452) (23 05 16 00-0268)

Table with columns for item number, description, and costs. Section: 23 05 16 00-0284 Mercer Rubber, Series 502 And 701 (23 05 16 00-0091) and 23 05 16 00-0285 2 Arch, Flanged, Natural Rubber Tube And Cover Expansion Joints (Mercer 502RR) (23 05 16 00-0284)

Table with columns for item number, description, and costs. Section: 23 05 16 00-0306 2 Arch, Flanged, Butyl Or Neoprene Tube And Cover Expansion Joints (Mercer 502B or 502N) (23 05 16 00-0284)

Table with columns for item number, description, and costs. Section: 23 05 16 00-0327 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joints (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN) (23 05 16 00-0284)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0331	EA		3" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	861.39	140.70
23 05 16 00-0332	EA		4" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,033.39	180.27
23 05 16 00-0333	EA		5" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,193.65	196.58
23 05 16 00-0334	EA		6" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,225.53	189.34
23 05 16 00-0335	EA		8" x 10" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,418.84	216.37
23 05 16 00-0336	EA		10" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,651.58	257.35
23 05 16 00-0337	EA		12" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	1,943.77	322.25
23 05 16 00-0338	EA		14" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	2,278.45	327.18
23 05 16 00-0339	EA		16" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	2,752.94	407.83
23 05 16 00-0340	EA		18" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	3,071.68	462.74
23 05 16 00-0341	EA		20" x 12" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	3,500.91	520.75
23 05 16 00-0342	EA		24" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	4,144.09	639.36
23 05 16 00-0343	EA		30" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	6,004.96	1,041.96
23 05 16 00-0344	EA		36" x 14" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	7,639.05	1,325.36
23 05 16 00-0345	EA		42" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	9,474.70	1,570.36
23 05 16 00-0346	EA		48" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	10,886.60	1,818.09
23 05 16 00-0347	EA		60" x 16" 2 Arch, Flanged, Nitrile, Nitrile/Neoprene, Ethylene Propylene Diene Monomer (EPDM), Neoprene/Natural Or Natural/Neoprene Tube And Cover Expansion Joint Tube And Cover Expansion Joint (Mercer 502Ni, 502NiN, 502E, 502NR or 502RN).....	13,715.26	2,083.91
23 05 16 00-0348			2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joints (Mercer 502H, 502HN Or 502NH) <small>(23 05 16 00-0284)</small> Note: Hypalon 502H, Hypalon/Neoprene 502HN Or Neoprene/Hypalon 502NH. Baked enamel, coated ductile iron backup rings.		
23 05 16 00-0349	EA		1-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	658.96	62.67
23 05 16 00-0350	EA		2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	674.98	64.84
23 05 16 00-0351	EA		2-1/2" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	721.71	70.84
23 05 16 00-0352	EA		3" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	890.39	140.70
23 05 16 00-0353	EA		4" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	1,056.59	180.27
23 05 16 00-0354	EA		5" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	1,240.05	196.58
23 05 16 00-0355	EA		6" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	1,271.93	189.34
23 05 16 00-0356	EA		8" x 10" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	1,465.24	216.37
23 05 16 00-0357	EA		10" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	1,709.58	257.35
23 05 16 00-0358	EA		12" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	2,024.98	322.25
23 05 16 00-0359	EA		14" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	2,359.66	327.18
23 05 16 00-0360	EA		16" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	2,857.35	407.83
23 05 16 00-0361	EA		18" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	3,187.69	462.74
23 05 16 00-0362	EA		20" x 12" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	3,628.52	520.75
23 05 16 00-0363	EA		24" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	4,277.50	639.36
23 05 16 00-0364	EA		30" x 14" 2 Arch, Flanged, Hypalon, Hypalon/Neoprene, Neoprene/Hypalon Tube And Cover Expansion Joint (Mercer 502H, 502HN Or 502NH).....	6,387.79	1,041.96

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 19 Meters And Gages For HVAC Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 05 19 00-0024		Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)			
23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	30.59		10.57
23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	39.30		10.57
23 05 19 00-0027		Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)			
23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	93.59		10.57
23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	93.59		10.57
23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	118.20		10.57
23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	263.11		10.57
23 05 19 00-0032		Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges (23 05 19 00-0023)			
		Note: Liquid filled.			
23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	79.66		10.57
23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	173.24		10.57
23 05 19 00-0035		Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges (23 05 19 00-0023)			
23 05 19 00-0036	EA	4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge.....	285.43		10.57
23 05 19 00-0037	EA	6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge.....	285.43		10.57
23 05 19 00-0038	EA	8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge.....	285.43		10.57
23 05 19 00-0039		Gauge Accessories (23 05 19 00-0023)			
23 05 19 00-0040	EA	Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer).....	47.52		8.46
23 05 19 00-0041	EA	1/4" Snubber Valve.....	33.66		8.46
23 05 19 00-0042	EA	1/4" Female Pipe Thread, Brass Gauge Cock.....	21.92		12.69
23 05 19 00-0043	EA	1/4" Male Pipe Thread, Brass Gauge Cock.....	19.99		12.69
23 05 19 00-0044	EA	1/4" Pressure Pigtail Steam Siphon.....	21.51		12.69
23 05 19 00-0045	EA	1/4" x 3" Long Black Steel Nipple.....	4.81		4.23
23 05 19 00-0046	EA	1/4" Steel Thread-O-Let.....	53.46		21.14
23 05 19 00-0047	EA	1/4", 300 LB, Black Steel Union.....	33.32		8.46
23 05 19 00-0048	EA	1/4", Black Steel Coupling.....	17.52		8.46
23 05 19 00-0049	EA	1/4", 300 LB, Black Steel Plug.....	10.29		5.07
23 05 19 00-0050	EA	1/4", 150 LB, Black Steel Cap.....	10.49		5.07
23 05 19 00-0051	LF	1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	5.26		
23 05 19 00-0052	LF	1/4" Schedule 80, Plain End, Black Steel Pipe.....	5.23		
23 05 19 00-0053	LF	1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe.....	5.25		
23 05 19 00-0054	EA	1/4" Threaded, 800 LB, Forged Steel, Ball Valve.....	56.78		
23 05 19 00-0055		Valve Lock Covers (23 05 19)			
23 05 19 00-0056	EA	Valve Lock Cover.....	50.51		12.94
23 05 19 00-0057		Venturi Flowmeters (23 05 19)			
23 05 19 00-0058		Threaded, Brass, Venturi Flowmeters (23 05 19 00-0057)			
23 05 19 00-0059	EA	3/4" Threaded, Brass, Venturi Flowmeter.....	151.63		57.49
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0060	EA	1" Threaded, Brass, Venturi Flowmeter.....	170.56		68.99
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0061	EA	1-1/4" Threaded, Brass, Venturi Flowmeter.....	188.44		76.69
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0062	EA	1-1/2" Threaded, Brass, Venturi Flowmeter.....	212.30		86.24
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0063	EA	2" Threaded, Brass, Venturi Flowmeter.....	250.42		98.59
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0064	EA	2-1/2" Threaded, Brass, Venturi Flowmeter.....	345.48		133.60
		For Portable Venturi Flow Meter, Add.....	995.00		
23 05 19 00-0065		Butt Weld, Carbon Steel, Venturi Flowmeters (23 05 19 00-0057)			
23 05 19 00-0066	EA	3" Butt Weld, Carbon Steel, Venturi Flowmeter.....	599.10		118.21
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	126.93		
23 05 19 00-0067	EA	4" Butt Weld, Carbon Steel, Venturi Flowmeter.....	803.53		141.85
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	181.94		
23 05 19 00-0068	EA	5" Butt Weld, Carbon Steel, Venturi Flowmeter.....	1,043.70		177.32
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	241.17		
23 05 19 00-0069	EA	6" Butt Weld, Carbon Steel, Venturi Flowmeter.....	1,270.71		236.43
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	279.25		
23 05 19 00-0070	EA	8" Butt Weld, Carbon Steel, Venturi Flowmeter.....	1,788.41		283.70
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	427.35		
23 05 19 00-0071	EA	10" Butt Weld, Carbon Steel, Venturi Flowmeter.....	2,800.67		354.63
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	731.99		
23 05 19 00-0072	EA	12" Butt Weld, Carbon Steel, Venturi Flowmeter.....	4,157.38		495.04
		For Portable Venturi Flow Meter, Add.....	995.00		
		For Flanged Ends, Add.....	1,108.56		

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 05 19 00-0073	EA	14" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	5,885.50 995.00 1,540.14	742.55
23 05 19 00-0074	EA	16" Butt Weld, Carbon Steel, Venturi Flowmeter <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	8,480.40 995.00 2,390.60	825.06
23 05 19 00-0075		Turbine Flowmeter <small>(23 05 19)</small>		
23 05 19 00-0076	EA	Saddle Mount Turbine Flowmeter	400.97	63.42
23 05 19 00-0077		Sight Flow Indicator <small>(23 05 19)</small>		
23 05 19 00-0078		Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator <small>(23 05 19 00-0077)</small>		
23 05 19 00-0079	EA	1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	93.60	12.31
23 05 19 00-0080	EA	3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	97.82	12.95
23 05 19 00-0081	EA	1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	105.61	13.61
23 05 19 00-0082	EA	3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	119.77	18.34
23 05 19 00-0083	EA	1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	143.30	22.22
23 05 19 00-0084	EA	1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	163.93	28.14
23 05 19 00-0085	EA	1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	228.71	32.54
23 05 19 00-0086	EA	2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	254.57	38.46
23 05 19 00-0087		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator <small>(23 05 19 00-0077)</small>		
23 05 19 00-0088	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	119.91	12.31
23 05 19 00-0089	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	123.55	12.95
23 05 19 00-0090	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	133.09	13.61
23 05 19 00-0091	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	143.16	18.34
23 05 19 00-0092	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	153.23	22.22
23 05 19 00-0093	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	168.02	28.14
23 05 19 00-0094	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	308.22	32.54
23 05 19 00-0095	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	331.75	38.46
23 05 19 00-0096		Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator <small>(23 05 19 00-0077)</small>		
23 05 19 00-0097	EA	1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	170.77	12.31
23 05 19 00-0098	EA	3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	180.26	12.95
23 05 19 00-0099	EA	1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	195.65	13.61
23 05 19 00-0100	EA	3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	214.48	18.34
23 05 19 00-0101	EA	1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	246.78	22.22
23 05 19 00-0102	EA	1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	263.32	28.14
23 05 19 00-0103	EA	1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	518.70	32.54
23 05 19 00-0104	EA	2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	548.07	38.46
23 05 19 00-0105		Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators <small>(23 05 19 00-0077)</small>		
23 05 19 00-0106	EA	1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	118.15	12.31
23 05 19 00-0107	EA	3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	122.96	12.95
23 05 19 00-0108	EA	1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	130.17	13.61
23 05 19 00-0109	EA	3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	142.57	18.34
23 05 19 00-0110	EA	1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	152.65	22.22
23 05 19 00-0111	EA	1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	168.02	28.14
23 05 19 00-0112	EA	1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	304.72	32.54
23 05 19 00-0113	EA	2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360)	327.07	38.46

23 Heating, Ventilating, And Air-Conditioning (HVAC)
23 05 Common Work Results For HVAC
23 05 19 Meters And Gages For HVAC Piping



Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include categories like 'Threaded, Double Window, 304SS Flapper', 'Threaded, Tube Style, Without Impeller', 'Flanged, Double Window, 316SS Flapper', 'Flanged, Tube Style, Without Impeller', 'Flowmeters', and 'Polyvinyl Chloride (PVC) Turbine Flowmeters'.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0175			Flanged, Main Line Flowmeters (23 05 19 00-0141) Note: Six digit totalizer with rate indicator. AWWA Standard #C704-70.		
23 05 19 00-0176			150 LB, Flanged, Main Line Flow Meters (23 05 19 00-0175)		
23 05 19 00-0177	EA		2" x 14" Long, 150 LB, Flanged, Main Line Flow Meter 1,565.79	145.35	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0178	EA		2-1/2" x 16" Long, 150 LB, Flanged, Main Line Flow Meter 1,573.24	149.06	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0179	EA		3" x 16" Long, 150 LB, Flanged, Main Line Flow Meter 1,585.17	154.98	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0180	EA		4" x 20" Long, 150 LB, Flanged, Main Line Flow Meter 1,835.66	161.50	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0181	EA		6" x 22" Long, 150 LB, Flanged, Main Line Flow Meter 2,085.48	166.06	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0182	EA		8" x 24" Long, 150 LB, Flanged, Main Line Flow Meter 2,475.48	189.65	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0183	EA		10" x 26" Long, 150 LB, Flanged, Main Line Flow Meter 3,060.45	224.26	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0184	EA		12" x 28" Long, 150 LB, Flanged, Main Line Flow Meter 3,532.36	271.48	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0185	EA		14" x 42" Long, 150 LB, Flanged, Main Line Flow Meter 4,382.50	358.24	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0186	EA		16" x 48" Long, 150 LB, Flanged, Main Line Flow Meter 5,059.28	448.52	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0187	EA		18" x 54" Long, 150 LB, Flanged, Main Line Flow Meter 5,659.68	498.34	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0188	EA		20" x 60" Long, 150 LB, Flanged, Main Line Flow Meter 6,500.03	560.65	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0189	EA		24" x 60" Long, 150 LB, Flanged, Main Line Flow Meter 8,587.58	687.86	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0190	EA		30" x 60" Long, 150 LB, Flanged, Main Line Flow Meter 11,216.67	1,121.30	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0191	EA		36" x 60" Long, 150 LB, Flanged, Main Line Flow Meter 13,619.67	1,427.11	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0192			300 LB, Flanged, Main Line Flow Meters (23 05 19 00-0175)		
23 05 19 00-0193	EA		2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter 1,743.22	145.35	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0194	EA		2-1/2" x 20" Long, 300 LB, Flanged, Main Line Flow Meter 1,750.67	149.06	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0195	EA		3" x 20" Long, 300 LB, Flanged, Main Line Flow Meter 1,762.60	154.98	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0196	EA		4" x 24" Long, 300 LB, Flanged, Main Line Flow Meter 1,972.50	161.50	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0197	EA		6" x 26" Long, 300 LB, Flanged, Main Line Flow Meter 2,320.06	166.06	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0198	EA		8" x 28" Long, 300 LB, Flanged, Main Line Flow Meter 2,855.91	189.65	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0199	EA		10" x 30" Long, 300 LB, Flanged, Main Line Flow Meter 3,806.28	224.26	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0200	EA		12" x 32" Long, 300 LB, Flanged, Main Line Flow Meter 4,804.49	271.48	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0201	EA		14" x 42" Long, 300 LB, Flanged, Main Line Flow Meter 5,823.05	358.24	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0202	EA		16" x 48" Long, 300 LB, Flanged, Main Line Flow Meter 6,788.54	448.52	
			For Electronic Flow Meter For Extended Flow Rate (X-Flow), Add 165.00		
23 05 19 00-0203			Adjustable, Insertion Turbine Flowmeters (23 05 19 00-0141)		
23 05 19 00-0204	EA		For 1-1/2" To 3" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter 1,229.21	84.55	
23 05 19 00-0205	EA		For 1-1/2" To 10" Pipe, Probe Assembly With Display, Adjustable, Insertion Turbine Flowmeter 1,259.28	84.55	
23 05 19 00-0206	EA		For 1-1/2" To 3" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter 994.29	169.10	
23 05 19 00-0207	EA		For 1-1/2" To 10" Pipe, Probe Assembly With 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter 1,108.91	84.55	
23 05 19 00-0208	EA		For 1-1/2" To 3" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter 1,439.73	84.55	
23 05 19 00-0209	EA		For 1-1/2" To 10" Pipe, Probe Assembly With Display And 4-20mA Transmitter, Adjustable, Insertion Turbine Flowmeter 1,469.80	84.55	
23 05 19 00-0210			Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0141) Note: AWWA C-701, Class II.		
23 05 19 00-0211			Meters With Mechanical Display (23 05 19 00-0210)		
23 05 19 00-0212	EA		2", 4.4 To 175 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter) 1,174.83	145.43	
23 05 19 00-0213	EA		3", 6 To 330 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter) 1,421.26	155.16	
23 05 19 00-0214	EA		4", 9 To 440 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter) 1,761.98	161.50	
23 05 19 00-0215	EA		6", 35 To 1,150 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter) 2,437.35	166.14	
23 05 19 00-0216	EA		8", 37 To 2,000 GPM Mechanical Display, Epoxy Coated Cast Iron High-Volume Turbine Meter (Master Meter) 3,378.65	179.67	
23 05 19 00-0217			Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meters (23 05 19 00-0210)		
23 05 19 00-0218	EA		2", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter 1,286.10	145.43	
23 05 19 00-0219	EA		3", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter 1,535.55	155.16	
23 05 19 00-0220	EA		4", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter 1,891.30	161.50	
23 05 19 00-0221	EA		6", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter 2,554.64	166.14	
23 05 19 00-0222	EA		8", Electrical Output, Epoxy Coated Cast Iron High-Volume Turbine Meter 3,488.42	179.67	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 19 Meters And Gages For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 19 00-0223		Bronze High-Volume Turbine Meters (23 05 19 00-0141) Note: AWWA C-701, Class II.		
23 05 19 00-0224		Mechanical Display, Bronze High-Volume Turbine Meters (23 05 19 00-0223)		
23 05 19 00-0225	EA	1-1/2", 3 To 160 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	915.19	126.83
23 05 19 00-0226	EA	2", 4 To 350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,054.53	145.43
23 05 19 00-0227	EA	3", 5 To 530 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	1,522.01	155.16
23 05 19 00-0228	EA	4", 9 To 1,350 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	2,175.50	161.50
23 05 19 00-0229	EA	6", 25 To 2,700 GPM Mechanical Display, Bronze High-Volume Turbine Meter (Master Meter)	3,790.68	166.14
23 05 19 00-0230		Electrical Output, Bronze High-Volume Turbine Meters (23 05 19 00-0223)		
23 05 19 00-0231	EA	1-1/2", 3 To 160 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,029.47	126.83
23 05 19 00-0232	EA	2", 4 To 350 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,170.31	145.43
23 05 19 00-0233	EA	3", 5 To 530 GPM Electrical Output, Bronze High-Volume Turbine Meter	1,636.29	155.16
23 05 19 00-0234	EA	4", 9 To 1,350 GPM Electrical Output, Bronze High-Volume Turbine Meter	2,289.78	161.50
23 05 19 00-0235	EA	6", 25 To 2,700 GPM Electrical Output, Bronze High-Volume Turbine Meter	3,998.19	166.14
23 05 19 00-0236		Multi-Jet Meters (23 05 19 00-0141)		
23 05 19 00-0237		Hostile Environment Multi-Jet Meters (23 05 19 00-0236) Note: Wetted materials are Viton, PP, 316 stainless steel and electroless-nickel plated bronze. AWWA C-708, Class II.		
23 05 19 00-0238	EA	1/2", 1 To 20 GPM Hostile Environment Multi-Jet Meter (Master Meter)	515.98	26.63
23 05 19 00-0239	EA	3/4", 1 To 30 GPM Hostile Environment Multi-Jet Meter (Master Meter)	607.28	35.09
23 05 19 00-0240	EA	1", 1 To 50 GPM Hostile Environment Multi-Jet Meter (Master Meter)	742.12	40.17
23 05 19 00-0241	EA	1-1/2", 5 To 100 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,227.45	52.84
23 05 19 00-0242	EA	2", 8 To 160 GPM Hostile Environment Multi-Jet Meter (Master Meter)	1,734.26	60.46
23 05 19 00-0243		High-Pressure Multi-Jet Meters (23 05 19 00-0236) Note: Wetted materials are bronze, glass-filled Noryl, PP and nylon. AWWA C-708, Class II.		
23 05 19 00-0244	EA	3/4", 1 To 30 GPM High-Pressure Multi-Jet Meter (Master Meter)	1,491.46	35.09
23 05 19 00-0245	EA	1", 1 To 50 GPM High-Pressure Multi-Jet Meter (Master Meter)	2,122.51	40.17
23 05 19 00-0246	EA	1-1/2", 5 To 100 GPM High-Pressure Multi-Jet Meter (Master Meter)	3,845.39	52.84
23 05 19 00-0247	EA	2", 8 To 160 GPM High-Pressure Multi-Jet Meter (Master Meter)	4,866.47	60.46
23 05 19 00-0248		Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meters (23 05 19 00-0141)		
23 05 19 00-0249	EA	3", 45 To 250 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,187.92	304.46
23 05 19 00-0250	EA	4", 55 To 500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,052.20	161.50
23 05 19 00-0251	EA	6", 120 To 1,200 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,211.79	166.06
23 05 19 00-0252	EA	8", 150 To 1,500 GPM, Flanged, 150 LB, 4-20 mA Output, Fabricated Steel Body, Main Propeller Meter	2,710.06	189.65
23 05 19 00-0253		In-Line Flowmeters (23 05 19 00-0141)		
23 05 19 00-0254		Standard Flowmeter, Polyvinyl Chloride (PVC), Brass, 316 Stainless Steel, Viton (23 05 19 00-0253)		
23 05 19 00-0255	EA	3/4" In Line Flowmeter	224.56	35.09
23 05 19 00-0256	EA	1" In Line Flowmeter	234.70	40.17
23 05 19 00-0257	EA	1-1/2" In Line Flowmeter	340.06	52.84
23 05 19 00-0258	EA	3/4" In Line Flowmeter With SPDP Switch	293.48	35.09
23 05 19 00-0259	EA	1" In Line Flowmeter With SPDP Switch	303.62	40.17
23 05 19 00-0260	EA	1-1/2" In Line Flowmeter With SPDP Switch	440.71	52.84
23 05 19 00-0261		Chemical Resistant Flowmeter, Polyvinyl Chloride (PVC), Titanium, Viton (23 05 19 00-0253)		
23 05 19 00-0262	EA	3/4" In Line Chemical Resistant Flowmeter	293.48	35.09
23 05 19 00-0263	EA	1" In Line Chemical Resistant Flowmeter	303.62	40.17
23 05 19 00-0264	EA	1-1/2" In Line Chemical Resistant Flowmeter	421.32	52.84
23 05 19 00-0265	EA	3/4" In Line Chemical Resistant Flowmeter With SPDP Switch	376.24	35.09
23 05 19 00-0266	EA	1" In Line Chemical Resistant Flowmeter With SPDP Switch	386.38	40.17
23 05 19 00-0267	EA	1-1/2" In Line Chemical Resistant Flowmeter With SPDP Switch	535.84	52.84
23 05 23		General-Duty Valves For HVAC Piping (23 05)		
23 05 23 00-0001		Triple Duty Valves (23 05 23) Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
23 05 23 00-0002		Straight Pattern, Triple Duty Valves (23 05 23 00-0001) Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0003	EA	1" Threaded, Straight Pattern, Triple Duty Valve	206.96	8.88
23 05 23 00-0004	EA	1-1/4" Threaded, Straight Pattern, Triple Duty Valve	240.27	11.24
23 05 23 00-0005	EA	1-1/2" Threaded, Straight Pattern, Triple Duty Valve	261.22	13.01
23 05 23 00-0006	EA	2" Flanged, Straight Pattern, Triple Duty Valve	648.75	23.07
23 05 23 00-0007	EA	2-1/2" Flanged, Straight Pattern, Triple Duty Valve	757.75	112.81
23 05 23 00-0008	EA	3" Flanged, Straight Pattern, Triple Duty Valve	830.89	132.27
23 05 23 00-0009	EA	4" Flanged, Straight Pattern, Triple Duty Valve	1,694.42	221.74
23 05 23 00-0010	EA	5" Flanged, Straight Pattern Triple Duty Valve	2,012.94	272.54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0011	EA		6" Flanged, Straight Pattern, Triple Duty Valve	2,659.72	302.83
23 05 23 00-0012	EA		8" Flanged, Straight Pattern, Triple Duty Valve	3,529.38	348.25
23 05 23 00-0013	EA		10" Flanged, Straight Pattern, Triple Duty Valve	5,644.23	423.95
23 05 23 00-0014 Flanged, Angle Pattern, Triple Duty Valves (23 05 23 00-0001)					
Note: Bell & Gossett 3D-S Series.					
23 05 23 00-0015	EA		2" Flanged, Angle Pattern, Triple Duty Valve.....	633.42	23.07
23 05 23 00-0016	EA		2-1/2" Flanged, Angle Pattern, Triple Duty Valve	739.35	112.81
23 05 23 00-0017	EA		3" Flanged, Angle Pattern, Triple Duty Valve.....	815.56	132.27
23 05 23 00-0018	EA		4" Flanged, Angle Pattern, Triple Duty Valve.....	1,654.56	221.74
23 05 23 00-0019	EA		5" Flanged, Angle Pattern, Triple Duty Valve.....	1,963.88	272.54
23 05 23 00-0020	EA		6" Flanged, Angle Pattern, Triple Duty Valve.....	2,199.81	302.83
23 05 23 00-0021	EA		8" Flanged, Angle Pattern, Triple Duty Valve.....	3,311.69	348.25
23 05 23 00-0022	EA		10" Flanged, Angle Pattern, Triple Duty Valve.....	4,420.85	423.95
23 05 23 00-0023 Balanced, Straight Pattern, Triple Duty Valves (23 05 23 00-0001)					
Note: Bell & Gossett 3DS-B Series.					
23 05 23 00-0024	EA		3" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	763.43	132.27
23 05 23 00-0025	EA		4" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,516.58	221.74
23 05 23 00-0026	EA		5" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,807.51	272.54
23 05 23 00-0027	EA		6" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,380.71	302.83
23 05 23 00-0028	EA		8" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	3,149.18	348.25
23 05 23 00-0029	EA		10" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	5,009.54	423.95
23 05 23 00-0030	EA		12" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	7,522.88	514.80
23 05 23 00-0031	EA		14" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	9,140.98	567.79
23 05 23 00-0032	EA		16" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	11,439.09	666.21
23 05 23 00-0033 Grooved Straight Pattern, Triple Duty Valves (23 05 23 00-0001)					
Note: Bell & Gossett 3DS-G Series.					
23 05 23 00-0034	EA		2" Grooved, Straight Pattern, Triple Duty Valve.....	705.40	20.88
23 05 23 00-0035	EA		2-1/2" Grooved, Straight Pattern, Triple Duty Valve.....	840.90	24.89
23 05 23 00-0036	EA		3" Grooved, Straight Pattern, Triple Duty Valve.....	978.69	27.00
23 05 23 00-0037	EA		4" Grooved, Straight Pattern, Triple Duty Valve.....	1,623.01	29.10
23 05 23 00-0038	EA		5" Grooved, Straight Pattern, Triple Duty Valve.....	1,881.87	38.61
23 05 23 00-0039	EA		6" Grooved, Straight Pattern Triple Duty Valve.....	2,508.69	49.51
23 05 23 00-0040	EA		8" Grooved, Straight Pattern Triple Duty Valve.....	3,411.41	62.83
23 05 23 00-0041	EA		10" Grooved, Straight Pattern Triple Duty Valve.....	5,379.71	70.41
23 05 23 00-0042	EA		12" Grooved, Straight Pattern Triple Duty Valve.....	8,538.17	85.85
23 05 23 00-0043 Plug Valves (23 05 23)					
23 05 23 00-0044 Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (23 05 23 00-0043)					
Note: Includes wrench.					
23 05 23 00-0045	EA		1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	120.86	8.45
23 05 23 00-0046	EA		3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	130.34	9.30
23 05 23 00-0047	EA		1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	163.87	10.57
23 05 23 00-0048	EA		1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	197.70	11.24
23 05 23 00-0049	EA		1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	218.77	13.01
23 05 23 00-0050	EA		2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	258.30	15.38
23 05 23 00-0051	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench	381.66	20.77
23 05 23 00-0052	EA		3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	463.51	24.12
23 05 23 00-0053 Plug Valves, Lubricated, Semisteel Flanged (23 05 23 00-0043)					
Note: Wrench operated for 4", gear operated for 6" and 10".					
23 05 23 00-0054	EA		2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	287.85	112.66
23 05 23 00-0055	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	335.08	112.81
23 05 23 00-0056	EA		3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	408.83	132.27
23 05 23 00-0057	EA		4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	607.32	221.74
23 05 23 00-0058	EA		6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	1,257.41	302.83
23 05 23 00-0059	EA		8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	2,016.00	348.25
23 05 23 00-0060	EA		10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	3,168.60	423.95
23 05 23 00-0061	EA		12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench	4,647.49	514.80
23 05 23 00-0062 Plug Valves, Forged Steel, Screwed (23 05 23 00-0043)					
23 05 23 00-0063	EA		1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	427.61	8.45
23 05 23 00-0064	EA		3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	507.43	9.30
23 05 23 00-0065	EA		1" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	575.09	10.57
23 05 23 00-0066	EA		1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	691.45	11.24
23 05 23 00-0067	EA		1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	804.90	13.01
23 05 23 00-0068	EA		2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,054.68	15.38
23 05 23 00-0069 Plug Valves, Eccentric, Cast Iron Flanged (23 05 23 00-0043)					
23 05 23 00-0070	EA		4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	670.61	221.74
23 05 23 00-0071	EA		6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI	1,015.34	272.54
23 05 23 00-0072	EA		8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,371.31	348.25
23 05 23 00-0073	EA		10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,919.33	423.95
23 05 23 00-0074	EA		12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,465.68	514.80

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0075			Foot Valves (23 05 23)		
23 05 23 00-0076			Single Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075)		
23 05 23 00-0077	EA		1" Single Poppet Foot Valve, Metal To Metal Seat Construction	56.13	21.14
23 05 23 00-0078	EA		1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction	63.29	23.67
23 05 23 00-0079	EA		1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	77.53	27.06
23 05 23 00-0080	EA		2" Single Poppet Foot Valve, Metal To Metal Seat Construction	97.55	30.44
23 05 23 00-0081	EA		2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction	203.78	49.88
23 05 23 00-0082	EA		3" Single Poppet Foot Valve, Metal To Metal Seat Construction	257.42	60.88
23 05 23 00-0083			Double Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0075)		
23 05 23 00-0084	EA		1" Double Poppet Foot Valve, Metal To Metal Seat Construction	56.13	21.14
23 05 23 00-0085	EA		1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction	98.87	23.67
23 05 23 00-0086	EA		1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction	98.06	27.06
23 05 23 00-0087	EA		2" Double Poppet Foot Valve, Metal To Metal Seat Construction	127.65	30.44
23 05 23 00-0088	EA		3" Double Poppet Foot Valve, Metal To Metal Seat Construction	241.09	49.88
23 05 23 00-0089	EA		4" Double Poppet Foot Valve, Metal To Metal Seat Construction	320.74	60.03
23 05 23 00-0090			Float Valves (23 05 23)		
23 05 23 00-0091			Float Valve Assembly For Maintaining Liquid Level In Tanks (23 05 23 00-0090)		
23 05 23 00-0092			Single Seat, Bronze Construction (23 05 23 00-0091)		
			Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0093	EA		Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve.....	99.84	17.75
23 05 23 00-0094	EA		Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve.....	115.20	21.13
23 05 23 00-0095	EA		Inlet Size 1", Maximum PSI 100, Single Seat Float Valve.....	144.57	22.82
23 05 23 00-0096	EA		Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve	232.41	28.74
23 05 23 00-0097	EA		Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve	240.86	32.96
23 05 23 00-0098			Double Seat, Bronze Construction (23 05 23 00-0091)		
			Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0099	EA		Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	460.03	17.75
23 05 23 00-0100	EA		Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	466.79	21.13
23 05 23 00-0101	EA		Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	536.86	22.82
23 05 23 00-0102	EA		Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve.....	596.94	28.74
23 05 23 00-0103	EA		Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve.....	682.58	32.96
23 05 23 00-0104	EA		Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	891.25	38.88
23 05 23 00-0105	EA		Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve.....	1,043.24	52.13
23 05 23 00-0106	EA		Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	1,252.54	59.91
23 05 23 00-0107			Float Valve Single Seated Balanced For Air Oil Or Water (23 05 23 00-0090)		
			Note: Includes arm, ball and bracket.		
23 05 23 00-0108			Brass Body Threaded Ends (23 05 23 00-0107)		
23 05 23 00-0109	EA		1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	119.22	22.91
23 05 23 00-0110	EA		3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	134.19	25.45
23 05 23 00-0111	EA		1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	161.36	28.14
23 05 23 00-0112	EA		1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	258.61	45.48
23 05 23 00-0113	EA		1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	276.86	51.81
23 05 23 00-0114	EA		2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	320.05	64.24
23 05 23 00-0115			Cast Iron Body Flanged (23 05 23 00-0107)		
23 05 23 00-0116	EA		2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	2,891.80	136.93
23 05 23 00-0117	EA		3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	3,482.69	155.60
23 05 23 00-0118			Float Operated Valves (23 05 23 00-0090)		
23 05 23 00-0119			For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
			Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0120	EA		1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	350.07	39.73
23 05 23 00-0121			For Condensate Receivers Tanks And Vessels (23 05 23 00-0118)		
			Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0122	EA		3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	463.70	73.91
23 05 23 00-0123			Needle Valves (23 05 23)		
23 05 23 00-0124			Bronze Needle Valve (23 05 23 00-0123)		
			Note: For heating and cooling applications.		
23 05 23 00-0125	EA		1/4" Needle Valve, Bronze.....	55.02	8.45
23 05 23 00-0126	EA		3/8" Needle Valve, Bronze.....	60.61	8.45
23 05 23 00-0127	EA		1/2" Needle Valve, Bronze.....	65.77	8.45
23 05 23 00-0128	EA		3/4" Needle Valve, Bronze.....	97.55	9.30
23 05 23 00-0129	EA		1" Needle Valve, Bronze.....	143.68	10.57
23 05 23 00-0130			Eccentric Valves With Taps (23 05 23)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0131			Screwed Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0132	EA		1/2" Diameter Eccentric Valves With Taps, Screwed.....	118.07	8.45
23 05 23 00-0133	EA		3/4" Diameter Eccentric Valves With Taps, Screwed.....	128.94	9.30
23 05 23 00-0134	EA		1" Diameter Eccentric Valves With Taps, Screwed.....	161.83	10.57
23 05 23 00-0135	EA		1-1/4" Diameter Eccentric Valves With Taps, Screwed.....	197.43	11.24
23 05 23 00-0136	EA		1-1/2" Diameter Eccentric Valves With Taps, Screwed.....	217.27	13.01
23 05 23 00-0137	EA		2" Diameter Eccentric Valves With Taps, Screwed.....	255.64	15.38
23 05 23 00-0138	EA		2-1/2" Diameter Eccentric Valves With Taps, Screwed.....	380.32	20.77
23 05 23 00-0139	EA		3" Diameter Eccentric Valves With Taps, Screwed.....	459.13	24.12
23 05 23 00-0140			Flanged Eccentric Valves With Taps (23 05 23 00-0130)		
23 05 23 00-0141	EA		2-1/2" Diameter Eccentric Valves With Taps, Flanged.....	469.73	112.81
23 05 23 00-0142	EA		3" Diameter Eccentric Valves With Taps, Flanged.....	566.67	132.27
23 05 23 00-0143	EA		4" Diameter Eccentric Valves With Taps, Flanged.....	773.76	221.74
23 05 23 00-0144	EA		5" Diameter Eccentric Valves With Taps, Flanged.....	1,040.34	272.54
23 05 23 00-0145	EA		6" Diameter Eccentric Valves With Taps, Flanged.....	1,286.50	302.83
23 05 23 00-0146	EA		8" Diameter Eccentric Valves With Taps, Flanged.....	2,073.93	348.25
23 05 23 00-0147	EA		10" Diameter Eccentric Valves With Taps, Flanged.....	2,869.71	423.95
23 05 23 00-0148	EA		12" Diameter Eccentric Valves With Taps, Flanged.....	4,798.08	514.80
23 05 23 00-0149			Earthquake-Sensitive Gas Shut-Off Valve (23 05 23)		
23 05 23 00-0150			0.5 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0151	EA		3/4" 0.5 PSI Threaded Earthquake Gas Shutoff Valve.....	160.52	9.30
23 05 23 00-0152	EA		1" 0.5 PSI Threaded Earthquake Gas Shutoff Valve.....	180.75	10.57
23 05 23 00-0153			7 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0154	EA		1-1/4" 7 PSI Threaded Earthquake Gas Shutoff Valve.....	209.64	11.24
23 05 23 00-0155	EA		1-1/2" 7 PSI Threaded Earthquake Gas Shutoff Valve.....	286.43	13.01
23 05 23 00-0156			60 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0157	EA		3/4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	201.40	9.30
23 05 23 00-0158	EA		1" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	209.14	10.57
23 05 23 00-0159	EA		1-1/4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	232.35	11.24
23 05 23 00-0160	EA		1-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	320.50	13.01
23 05 23 00-0161	EA		2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	758.14	15.38
23 05 23 00-0162	EA		2-1/2" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	898.26	20.70
23 05 23 00-0163	EA		3" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	1,170.03	24.12
23 05 23 00-0164	EA		4" 60 PSI Threaded Earthquake Gas Shutoff Valve.....	1,356.83	27.23
23 05 23 00-0165			60 PSI Flanged Earthquake Gas Shutoff Valves (23 05 23 00-0149)		
23 05 23 00-0166	EA		2" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	1,049.26	112.66
23 05 23 00-0167	EA		3" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	1,295.36	132.27
23 05 23 00-0168	EA		4" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	1,810.79	221.74
23 05 23 00-0169	EA		6" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	3,046.95	302.83
23 05 23 00-0170	EA		8" 60 PSI Flanged Earthquake Gas Shutoff Valve.....	8,267.55	348.25
23 05 23 00-0171			Emergency Shut-Off Valve With Fusible Link (23 05 23)		
23 05 23 00-0172			Threaded Brass, Fusible Gate Valves (Morrison Bros. 939) (23 05 23 00-0171)		
Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.					
23 05 23 00-0173	EA		1/4" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series).....	52.45	13.61
For Work In Restricted Working Space, Add				7.38	
23 05 23 00-0174	EA		3/8" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series).....	53.78	14.37
For Work In Restricted Working Space, Add				7.78	
23 05 23 00-0175	EA		1/2" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series).....	84.56	13.61
For Work In Restricted Working Space, Add				8.18	
23 05 23 00-0176	EA		3/4" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series).....	163.96	18.34
For Work In Restricted Working Space, Add				11.03	
23 05 23 00-0177	EA		1" Threaded Brass, Fusible Gate Valve (Morrison Bros. 939 Series).....	405.14	22.22
For Work In Restricted Working Space, Add				13.35	
23 05 23 00-0178			Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.					
23 05 23 00-0179	EA		1-1/2" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	314.12	13.01
23 05 23 00-0180	EA		2" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	340.00	15.38
23 05 23 00-0181	EA		3" Threaded Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	569.46	24.12
23 05 23 00-0182			Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0171)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.					
23 05 23 00-0183	EA		2" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	462.20	112.66

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 05 Common Work Results For HVAC

23 05 23 General-Duty Valves For HVAC Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 23 00-0184	EA	3" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	741.43	132.27
23 05 23 00-0185	EA	4" Flanged Ductile Iron, Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	1,678.04	221.74

23 05 23 00-0186 Solenoid Valves (23 05 23)

23 05 23 00-0187 Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure (23 05 23 00-0186)

23 05 23 00-0188	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water	62.83	8.45
23 05 23 00-0189	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water	72.34	8.45
23 05 23 00-0190	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water	93.43	9.30
23 05 23 00-0191	EA	1" Solenoid Valve, Bronze, 150 PSI, Water	133.26	10.57
23 05 23 00-0192	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	228.89	13.01
23 05 23 00-0193	EA	2" Solenoid Valve, Bronze, 150 PSI, Water	347.03	15.38
23 05 23 00-0194	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	472.24	20.77
23 05 23 00-0195	EA	3" Solenoid Valve, Bronze, 150 PSI, Water	671.01	24.12

23 05 23 00-0196 Gate Valves (23 05 23)

23 05 23 00-0197 125 LB Threaded, Brazed Or Soldered Bronze Gate Valves (23 05 23 00-0196)

Note: 125 psi steam, basic rating. 200 psi cold working pressure. Class 125 (threaded).

23 05 23 00-0198	EA	1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	36.21	8.45
		<i>For 150 LB Rating, Add</i>	1.16	
		<i>For 200 LB Rating, Add</i>	1.74	
		<i>For 250 LB Rating, Add</i>	2.90	
		<i>For 300 LB Rating, Add</i>	4.06	
		<i>For Work In Restricted Working Space, Add</i>	7.38	
23 05 23 00-0199	EA	3/8" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	37.51	8.45
		<i>For 150 LB Rating, Add</i>	1.16	
		<i>For 200 LB Rating, Add</i>	1.74	
		<i>For 250 LB Rating, Add</i>	2.90	
		<i>For 300 LB Rating, Add</i>	4.06	
		<i>For Work In Restricted Working Space, Add</i>	7.77	
23 05 23 00-0200	EA	1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	38.87	8.45
		<i>For 150 LB Rating, Add</i>	1.16	
		<i>For 200 LB Rating, Add</i>	1.74	
		<i>For 250 LB Rating, Add</i>	2.90	
		<i>For 300 LB Rating, Add</i>	4.06	
		<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0201	EA	3/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	50.59	9.30
		<i>For 150 LB Rating, Add</i>	1.38	
		<i>For 200 LB Rating, Add</i>	2.08	
		<i>For 250 LB Rating, Add</i>	3.46	
		<i>For 300 LB Rating, Add</i>	4.84	
		<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0202	EA	1" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	65.40	10.57
		<i>For 150 LB Rating, Add</i>	2.09	
		<i>For 200 LB Rating, Add</i>	3.14	
		<i>For 250 LB Rating, Add</i>	5.23	
		<i>For 300 LB Rating, Add</i>	7.32	
		<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0203	EA	1-1/4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	84.54	11.24
		<i>For 150 LB Rating, Add</i>	2.82	
		<i>For 200 LB Rating, Add</i>	4.23	
		<i>For 250 LB Rating, Add</i>	7.05	
		<i>For 300 LB Rating, Add</i>	9.87	
		<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0204	EA	1-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	100.54	13.01
		<i>For 150 LB Rating, Add</i>	3.55	
		<i>For 200 LB Rating, Add</i>	5.33	
		<i>For 250 LB Rating, Add</i>	8.88	
		<i>For 300 LB Rating, Add</i>	12.44	
		<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0205	EA	2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	125.38	15.38
		<i>For 150 LB Rating, Add</i>	4.85	
		<i>For 200 LB Rating, Add</i>	7.28	
		<i>For 250 LB Rating, Add</i>	12.14	
		<i>For 300 LB Rating, Add</i>	16.99	
		<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0206	EA	2-1/2" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	242.18	20.77
		<i>For 150 LB Rating, Add</i>	13.84	
		<i>For 200 LB Rating, Add</i>	20.77	
		<i>For 250 LB Rating, Add</i>	34.61	
		<i>For 300 LB Rating, Add</i>	48.45	
		<i>For Chain Operated Type, Add</i>	62.30	
		<i>For Work In Restricted Working Space, Add</i>	31.12	
23 05 23 00-0207	EA	3" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	285.18	24.12
		<i>For 150 LB Rating, Add</i>	16.55	
		<i>For 200 LB Rating, Add</i>	24.82	
		<i>For 250 LB Rating, Add</i>	41.37	
		<i>For 300 LB Rating, Add</i>	57.92	
		<i>For Chain Operated Type, Add</i>	74.47	
		<i>For Work In Restricted Working Space, Add</i>	35.91	
23 05 23 00-0208	EA	4" 125 LB Threaded, Brazed Or Soldered Bronze Gate Valve	530.40	27.23
		<i>For 150 LB Rating, Add</i>	39.42	
		<i>For 200 LB Rating, Add</i>	59.14	
		<i>For 250 LB Rating, Add</i>	98.56	
		<i>For 300 LB Rating, Add</i>	137.98	
		<i>For Chain Operated Type, Add</i>	177.41	
		<i>For Work In Restricted Working Space, Add</i>	40.85	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0209		200 PSI, Non Rising Stem, Crimped Bronze Gate Valves <small>(23 05 23 00-0196)</small>		
		Note: 200 psi cold working pressure.		
23 05 23 00-0210	EA	1/2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 71.47	71.47	8.45
		For Work In Restricted Working Space, Add	5.70	
23 05 23 00-0211	EA	3/4" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 80.57	80.57	9.30
		For Work In Restricted Working Space, Add	6.50	
23 05 23 00-0212	EA	1" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 105.22	105.22	10.57
		For Work In Restricted Working Space, Add	7.77	
23 05 23 00-0213	EA	1-1/4" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 141.71	141.71	11.24
		For Work In Restricted Working Space, Add	8.56	
23 05 23 00-0214	EA	1-1/2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 163.92	163.92	13.01
		For Work In Restricted Working Space, Add	9.51	
23 05 23 00-0215	EA	2" 200 PSI, Non Rising Stem, Crimped Bronze Gate Valve 224.18	224.18	15.38
		For Work In Restricted Working Space, Add	11.41	
23 05 23 00-0216		Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small>		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0217	EA	1-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve..... 95.33	95.33	13.01
		For 150 LB Rating, Add	6.06	
		For 250 LB Rating, Add	10.61	
		For Chain Operated Type, Add	10.61	
		For Work In Restricted Working Space, Add	19.50	
23 05 23 00-0218	EA	2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve..... 192.63	192.63	15.38
		For 150 LB Rating, Add	23.16	
		For 250 LB Rating, Add	40.53	
		For Chain Operated Type, Add	40.53	
		For Work In Restricted Working Space, Add	23.05	
23 05 23 00-0219	EA	2-1/2" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve..... 277.88	277.88	20.77
		For 150 LB Rating, Add	34.83	
		For 250 LB Rating, Add	60.95	
		For Chain Operated Type, Add	60.95	
		For Work In Restricted Working Space, Add	31.12	
23 05 23 00-0220	EA	3" Class 125 Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve..... 348.18	348.18	24.12
		For 150 LB Rating, Add	45.70	
		For 250 LB Rating, Add	79.97	
		For Chain Operated Type, Add	79.97	
		For Work In Restricted Working Space, Add	35.91	
23 05 23 00-0221	EA	4" 125 LB Non Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve 751.22	751.22	27.23
		For 150 LB Rating, Add	123.01	
		For 250 LB Rating, Add	215.27	
		For Chain Operated Type, Add	215.27	
		For Work In Restricted Working Space, Add	40.85	
23 05 23 00-0222		Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0196)</small>		
		Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0223	EA	1-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve..... 271.87	271.87	88.75
		For 150 LB Rating, Add	46.59	
		For 250 LB Rating, Add	80.33	
		For 300 LB Rating, ASTM A182, Add	216.27	
		For Chain Operated Type, Add	80.33	
		For Work In Restricted Working Space, Add	33.36	
23 05 23 00-0224	EA	2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve 308.89	308.89	112.66
		For 150 LB Rating, Add	48.73	
		For 250 LB Rating, Add	84.02	
		For 300 LB Rating, ASTM A182, Add	238.46	
		For Chain Operated Type, Add	84.02	
		For Work In Restricted Working Space, Add	42.26	
23 05 23 00-0225	EA	2-1/2" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve..... 343.06	343.06	112.81
		For 150 LB Rating, Add	58.46	
		For 250 LB Rating, Add	100.80	
		For 300 LB Rating, ASTM A182, Add	272.33	
		For Chain Operated Type, Add	100.80	
		For Work In Restricted Working Space, Add	42.44	
23 05 23 00-0226	EA	3" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve 417.53	417.53	132.27
		For 150 LB Rating, Add	73.08	
		For 250 LB Rating, Add	126.00	
		For 300 LB Rating, ASTM A182, Add	334.76	
		For Chain Operated Type, Add	126.00	
		For Work In Restricted Working Space, Add	49.66	
23 05 23 00-0227	EA	4" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve 613.88	613.88	221.74
		For 150 LB Rating, Add	97.44	
		For 250 LB Rating, Add	168.01	
		For 300 LB Rating, ASTM A182, Add	474.95	
		For Chain Operated Type, Add	168.01	
		For Work In Restricted Working Space, Add	83.36	
23 05 23 00-0228	EA	5" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve 778.67	778.67	272.54
		For 150 LB Rating, Add	126.66	
		For 250 LB Rating, Add	218.39	
		For 300 LB Rating, ASTM A182, Add	607.72	
		For Chain Operated Type, Add	218.39	
		For Work In Restricted Working Space, Add	102.57	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0229	EA	6" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	916.03	302.83
		For 150 LB Rating, Add	155.88	
		For 250 LB Rating, Add	268.75	
		For 300 LB Rating, ASTM A182, Add	726.77	
		For Chain Operated Type, Add	268.75	
		For Work In Restricted Working Space, Add	113.56	
23 05 23 00-0230	EA	8" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,322.98	348.25
		For 150 LB Rating, Add	258.21	
		For 250 LB Rating, Add	445.19	
		For 300 LB Rating, ASTM A182, Add	1,106.68	
		For Chain Operated Type, Add	445.19	
		For Work In Restricted Working Space, Add	129.78	
23 05 23 00-0231	EA	10" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,705.83	423.95
		For 150 LB Rating, Add	341.01	
		For 250 LB Rating, Add	587.95	
		For 300 LB Rating, ASTM A182, Add	1,440.86	
		For Chain Operated Type, Add	587.95	
		For Work In Restricted Working Space, Add	158.98	
23 05 23 00-0232	EA	12" Class 125 Non Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,322.29	514.80
		For 150 LB Rating, Add	487.18	
		For 250 LB Rating, Add	839.97	
		For 300 LB Rating, ASTM A182, Add	2,001.11	
		For Chain Operated Type, Add	839.97	
		For Work In Restricted Working Space, Add	192.71	

23 05 23 00-0233 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves

(23 05 23 00-0196)

Note: 125 psi steam, basic rating. 200 psi cold working pressure.

23 05 23 00-0234	EA	1-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	232.98	13.01
		For 175 LB Rating, Add	83.99	
		For 250 LB Rating, Add	125.98	
		For Work In Restricted Working Space, Add	19.50	
23 05 23 00-0235	EA	2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	293.98	15.38
		For 175 LB Rating, Add	108.57	
		For 250 LB Rating, Add	162.86	
		For Work In Restricted Working Space, Add	23.05	
23 05 23 00-0236	EA	2-1/2" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	348.59	20.77
		For 175 LB Rating, Add	122.43	
		For 250 LB Rating, Add	183.64	
		For Work In Restricted Working Space, Add	31.12	
23 05 23 00-0237	EA	3" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	389.86	24.12
		For 175 LB Rating, Add	135.09	
		For 250 LB Rating, Add	202.63	
		For Work In Restricted Working Space, Add	35.91	
23 05 23 00-0238	EA	4" 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	509.22	27.23
		For 175 LB Rating, Add	186.53	
		For 250 LB Rating, Add	279.80	
		For Work In Restricted Working Space, Add	40.85	

23 05 23 00-0239 Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves

(23 05 23 00-0196)

Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".

23 05 23 00-0240	EA	1-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	342.82	88.75
		For 150 LB Rating, Add	34.74	
		For 175 LB Rating, Add	71.80	
		For 250 LB Rating, Add	150.55	
		For Chain Operated Type, Add	115.81	
		For Work In Restricted Working Space, Add	33.36	
23 05 23 00-0241	EA	2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	379.35	112.66
		For 150 LB Rating, Add	35.77	
		For 175 LB Rating, Add	73.93	
		For 250 LB Rating, Add	155.02	
		For Chain Operated Type, Add	119.25	
		For Work In Restricted Working Space, Add	42.26	
23 05 23 00-0242	EA	2-1/2" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	387.74	112.81
		For 150 LB Rating, Add	36.94	
		For 175 LB Rating, Add	76.35	
		For 250 LB Rating, Add	160.08	
		For Chain Operated Type, Add	123.14	
		For Work In Restricted Working Space, Add	42.44	
23 05 23 00-0243	EA	3" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	436.51	132.27
		For 150 LB Rating, Add	40.65	
		For 175 LB Rating, Add	84.00	
		For 250 LB Rating, Add	176.13	
		For Chain Operated Type, Add	135.49	
		For Work In Restricted Working Space, Add	49.66	
23 05 23 00-0244	EA	4" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	606.48	221.74
		For 150 LB Rating, Add	49.29	
		For 175 LB Rating, Add	101.87	
		For 250 LB Rating, Add	213.60	
		For Chain Operated Type, Add	164.31	
		For Work In Restricted Working Space, Add	83.36	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 05 23 00-0245	EA 5" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	800.39		272.54
	For 150 LB Rating, Add	68.77		
	For 175 LB Rating, Add	142.13		
	For 250 LB Rating, Add	298.02		
	For Chain Operated Type, Add	229.25		
	For Work In Restricted Working Space, Add	102.57		
23 05 23 00-0246	EA 6" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	902.14		302.83
	For 150 LB Rating, Add	78.54		
	For 175 LB Rating, Add	162.32		
	For 250 LB Rating, Add	340.35		
	For Chain Operated Type, Add	261.81		
	For Work In Restricted Working Space, Add	113.56		
23 05 23 00-0247	EA 8" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,318.17		348.25
	For 150 LB Rating, Add	132.84		
	For 175 LB Rating, Add	274.53		
	For 250 LB Rating, Add	575.62		
	For Chain Operated Type, Add	442.79		
	For Work In Restricted Working Space, Add	129.78		
23 05 23 00-0248	EA 10" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	1,892.83		423.95
	For 150 LB Rating, Add	204.43		
	For 175 LB Rating, Add	422.50		
	For 250 LB Rating, Add	885.88		
	For Chain Operated Type, Add	681.45		
	For Work In Restricted Working Space, Add	158.98		
23 05 23 00-0249	EA 12" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,369.70		514.80
	For 150 LB Rating, Add	259.10		
	For 175 LB Rating, Add	535.48		
	For 250 LB Rating, Add	1,122.77		
	For Chain Operated Type, Add	863.67		
	For Work In Restricted Working Space, Add	192.71		
23 05 23 00-0250	EA 14" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	4,514.58		623.27
	For 150 LB Rating, Add	552.53		
	For 175 LB Rating, Add	1,141.90		
	For 250 LB Rating, Add	2,394.31		
	For Work In Restricted Working Space, Add	249.31		
23 05 23 00-0251	EA 16" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	5,813.63		731.31
	For 150 LB Rating, Add	734.92		
	For 175 LB Rating, Add	1,518.84		
	For 250 LB Rating, Add	3,184.67		
	For Work In Restricted Working Space, Add	274.24		
23 05 23 00-0252	EA 18" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	7,875.08		814.41
	For 150 LB Rating, Add	1,028.91		
	For 175 LB Rating, Add	2,126.40		
	For 250 LB Rating, Add	4,458.59		
	For Work In Restricted Working Space, Add	304.71		
23 05 23 00-0253	EA 20" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	9,960.52		914.14
	For 150 LB Rating, Add	1,322.68		
	For 175 LB Rating, Add	2,733.53		
	For 250 LB Rating, Add	5,731.60		
	For Work In Restricted Working Space, Add	342.80		
23 05 23 00-0254	EA 24" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	13,570.77		1,121.90
	For 150 LB Rating, Add	1,824.66		
	For 175 LB Rating, Add	3,770.96		
	For 250 LB Rating, Add	7,906.86		
	For Work In Restricted Working Space, Add	421.91		
23 05 23 00-0255	EA 30" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	28,134.70		1,828.28
	For 150 LB Rating, Add	3,877.40		
	For 175 LB Rating, Add	8,013.30		
	For 250 LB Rating, Add	16,802.08		
	For Work In Restricted Working Space, Add	685.61		
23 05 23 00-0256	EA 36" Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	35,891.01		2,493.10
	For 150 LB Rating, Add	4,926.58		
	For 175 LB Rating, Add	10,181.60		
	For 250 LB Rating, Add	21,348.52		
	For Work In Restricted Working Space, Add	914.14		
23 05 23 00-0257	Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0196) Note: 800 psig at 850 degrees F.			
23 05 23 00-0258	EA 1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	72.75		13.61
	For Work In Restricted Working Space, Add	7.38		
23 05 23 00-0259	EA 1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	75.41		13.61
	For Work In Restricted Working Space, Add	8.18		
23 05 23 00-0260	EA 3/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	91.35		18.34
	For Work In Restricted Working Space, Add	11.03		
23 05 23 00-0261	EA 1" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	110.83		22.22
	For Work In Restricted Working Space, Add	13.35		
23 05 23 00-0262	EA 1-1/4" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	163.38		28.14
	For Work In Restricted Working Space, Add	16.91		
23 05 23 00-0263	EA 1-1/2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	192.40		32.54
	For Work In Restricted Working Space, Add	19.50		
23 05 23 00-0264	EA 2" Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	239.45		38.46
	For Work In Restricted Working Space, Add	23.05		
23 05 23 00-0265	Cast Steel Flanged Gate Valves (23 05 23 00-0196)			
23 05 23 00-0266	Class 150, Cast Steel, Flanged, Gate Valves (23 05 23 00-0265)			

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0267	EA		2" Class 150, Cast Steel, Flanged, Gate Valve.....	692.40	112.66
			<i>For Work In Restricted Working Space, Add</i>	42.26	
23 05 23 00-0268	EA		2-1/2" Class 150, Cast Steel, Flanged, Gate Valve	932.52	112.81
			<i>For Work In Restricted Working Space, Add</i>	42.44	
23 05 23 00-0269	EA		3" Class 150, Cast Steel, Flanged, Gate Valve.....	956.60	132.27
			<i>For Work In Restricted Working Space, Add</i>	49.66	
23 05 23 00-0270	EA		4" Class 150, Cast Steel, Flanged, Gate Valve.....	1,243.88	221.74
			<i>For Work In Restricted Working Space, Add</i>	72.94	
23 05 23 00-0271	EA		6" Class 150, Cast Steel, Flanged, Gate Valve.....	1,894.37	302.83
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0272	EA		8" Class 150, Cast Steel, Flanged, Gate Valve.....	2,822.34	348.25
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0273	EA		10" Class 150, Cast Steel, Flanged, Gate Valve.....	4,017.84	423.95
			<i>For Work In Restricted Working Space, Add</i>	158.98	
23 05 23 00-0274	EA		12" Class 150, Cast Steel, Flanged, Gate Valve.....	5,103.68	514.80
			<i>For Work In Restricted Working Space, Add</i>	192.71	
23 05 23 00-0275			Class 300, Cast Steel, Flanged, Gate Valves (23 05 23 00-0265)		
23 05 23 00-0276	EA		2" Class 300, Cast Steel, Flanged, Gate Valve.....	883.02	112.66
			<i>For Work In Restricted Working Space, Add</i>	42.26	
23 05 23 00-0277	EA		2-1/2" Class 300, Cast Steel, Flanged, Gate Valve	1,123.29	112.81
			<i>For Work In Restricted Working Space, Add</i>	42.44	
23 05 23 00-0278	EA		3" Class 300, Cast Steel, Flanged, Gate Valve.....	1,147.37	132.27
			<i>For Work In Restricted Working Space, Add</i>	49.66	
23 05 23 00-0279	EA		4" Class 300, Cast Steel, Flanged, Gate Valve.....	1,629.32	221.74
			<i>For Work In Restricted Working Space, Add</i>	72.94	
23 05 23 00-0280	EA		6" Class 300, Cast Steel, Flanged, Gate Valve.....	2,674.37	302.83
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0281	EA		8" Class 300, Cast Steel, Flanged, Gate Valve.....	3,907.19	348.25
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0282	EA		10" Class 300, Cast Steel, Flanged, Gate Valve.....	5,015.79	423.95
			<i>For Work In Restricted Working Space, Add</i>	158.98	
23 05 23 00-0283	EA		12" Class 300, Cast Steel, Flanged, Gate Valve.....	8,357.51	514.80
			<i>For Work In Restricted Working Space, Add</i>	192.71	
23 05 23 00-0284			Class 600, Cast Steel, Flanged, Gate Valves (23 05 23 00-0265)		
23 05 23 00-0285	EA		2" Class 600, Cast Steel, Flanged, Gate Valve.....	1,260.76	112.66
			<i>For Work In Restricted Working Space, Add</i>	42.26	
23 05 23 00-0286	EA		2-1/2" Class 600, Cast Steel, Flanged, Gate Valve	1,579.51	112.81
			<i>For Work In Restricted Working Space, Add</i>	42.44	
23 05 23 00-0287	EA		3" Class 600, Cast Steel, Flanged, Gate Valve.....	1,603.59	132.27
			<i>For Work In Restricted Working Space, Add</i>	49.66	
23 05 23 00-0288	EA		4" Class 600, Cast Steel, Flanged, Gate Valve.....	2,393.90	221.74
			<i>For Work In Restricted Working Space, Add</i>	72.94	
23 05 23 00-0289	EA		6" Class 600, Cast Steel, Flanged, Gate Valve.....	4,656.24	302.83
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0290	EA		8" Class 600, Cast Steel, Flanged, Gate Valve.....	9,668.50	348.25
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0291	EA		10" Class 600, Cast Steel, Flanged, Gate Valve.....	14,331.59	423.95
			<i>For Work In Restricted Working Space, Add</i>	158.98	
23 05 23 00-0292	EA		12" Class 600, Cast Steel, Flanged, Gate Valve.....	19,082.63	514.80
			<i>For Work In Restricted Working Space, Add</i>	192.71	
23 05 23 00-0293			Ball Valves (23 05 23)		
			See CSI section 23 23 13 00-0000 for refrigeration valves.		
23 05 23 00-0294			Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0293)		
			Note: 125 LB WSP.		
23 05 23 00-0295	EA		1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	32.65	8.45
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	2.42	
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0296	EA		3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	45.02	9.30
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	3.72	
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0297	EA		1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	55.66	10.57
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	5.03	
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0298	EA		1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	75.10	11.24
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	8.44	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0299	EA		1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	88.96	13.01
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	10.78	
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0300	EA		2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	106.84	15.38
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	13.50	
			<i>For Work In Restricted Working Space, Add</i>	23.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0301	EA		2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	245.32	20.77
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	63.71	
			<i>For Work In Restricted Working Space, Add</i>	31.12	
23 05 23 00-0302	EA		3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	283.05	24.12
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	73.51	
			<i>For Work In Restricted Working Space, Add</i>	35.91	
23 05 23 00-0303	EA		4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	358.87	27.23
			<i>For Extension Stems And Sleeves On Insulated Pipe, Add</i>	2.63	
			<i>For Full Port, Add</i>	100.22	
			<i>For Work In Restricted Working Space, Add</i>	40.85	
23 05 23 00-0304			Screwed, 150 LB, Full Port, Carbon Steel Ball Valves <small>(23 05 23 00-0293)</small>		
23 05 23 00-0305	EA		1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	34.91	8.45
			<i>For Work In Restricted Working Space, Add</i>	7.38	
23 05 23 00-0306	EA		1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	38.45	8.45
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0307	EA		3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	52.91	9.30
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0308	EA		1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	66.23	10.57
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0309	EA		1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	93.50	11.24
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0310	EA		1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	112.07	13.01
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0311	EA		2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve.....	141.64	15.38
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0312			Flanged, 150 LB, Full Port, Carbon Steel Ball Valves <small>(23 05 23 00-0293)</small>		
23 05 23 00-0313	EA		4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	889.26	221.74
			<i>For Work In Restricted Working Space, Add</i>	83.36	
23 05 23 00-0314	EA		6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	1,504.19	302.83
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0315	EA		8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve.....	3,082.17	348.25
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0316			Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves <small>(23 05 23 00-0293)</small>		
23 05 23 00-0317	EA		1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	30.32	8.45
			<i>For True Union Socket Or Thread Type, Add</i>	2.65	
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0318	EA		3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	40.26	9.30
			<i>For True Union Socket Or Thread Type, Add</i>	3.33	
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0319	EA		1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	49.38	10.57
			<i>For True Union Socket Or Thread Type, Add</i>	4.29	
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0320	EA		1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	62.78	11.24
			<i>For True Union Socket Or Thread Type, Add</i>	5.53	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0321	EA		1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	76.19	13.01
			<i>For True Union Socket Or Thread Type, Add</i>	7.89	
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0322	EA		2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	91.09	15.38
			<i>For True Union Socket Or Thread Type, Add</i>	9.73	
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0323	EA		2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	134.41	20.77
			<i>For True Union Socket Or Thread Type, Add</i>	17.71	
			<i>For Work In Restricted Working Space, Add</i>	31.12	
23 05 23 00-0324	EA		3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	171.84	24.12
			<i>For True Union Socket Or Thread Type, Add</i>	27.14	
			<i>For Work In Restricted Working Space, Add</i>	35.91	
23 05 23 00-0325	EA		4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	235.87	27.23
			<i>For True Union Socket Or Thread Type, Add</i>	47.03	
			<i>For Work In Restricted Working Space, Add</i>	40.85	
23 05 23 00-0326			Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves <small>(23 05 23 00-0293)</small>		
23 05 23 00-0327	EA		1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	53.10	12.68
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	11.08	
23 05 23 00-0328	EA		3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	55.04	12.68
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	11.66	
23 05 23 00-0329	EA		1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	57.08	12.68
			<i>For Full Port, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	12.27	
23 05 23 00-0330	EA		3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	72.28	13.95
			<i>For Full Port, Add</i>	7.72	
			<i>For Work In Restricted Working Space, Add</i>	16.54	
23 05 23 00-0331	EA		1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	92.13	15.84
			<i>For Full Port, Add</i>	11.43	
			<i>For Work In Restricted Working Space, Add</i>	20.02	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0332	EA		1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	119.30	16.86
			<i>For Full Port, Add</i>	15.65	
			<i>For Work In Restricted Working Space, Add</i>	25.36	
23 05 23 00-0333	EA		1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	143.77	19.53
			<i>For Full Port, Add</i>	20.81	
			<i>For Work In Restricted Working Space, Add</i>	29.26	
23 05 23 00-0334	EA		2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	190.51	23.07
			<i>For Full Port, Add</i>	33.87	
			<i>For Work In Restricted Working Space, Add</i>	34.58	
23 05 23 00-0335	EA		2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	338.25	31.16
			<i>For Full Port, Add</i>	82.19	
			<i>For Work In Restricted Working Space, Add</i>	46.68	
23 05 23 00-0336	EA		3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	469.58	36.18
			<i>For Full Port, Add</i>	130.51	
			<i>For Work In Restricted Working Space, Add</i>	53.87	
23 05 23 00-0337			Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valves (23 05 23 00-0293)		
23 05 23 00-0338	EA		1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	52.66	8.45
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0339	EA		3/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	73.11	9.30
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0340	EA		1" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	92.97	10.57
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0341	EA		1-1/4" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	126.18	11.24
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0342	EA		1-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	158.49	13.01
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0343	EA		2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	208.41	15.38
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0344	EA		2-1/2" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve.....	389.39	20.77
			<i>For Work In Restricted Working Space, Add</i>	31.12	
23 05 23 00-0345	EA		3" Threaded, 150 LB, Full Port, Stainless Steel Body, Ball Valve	517.86	24.12
			<i>For Work In Restricted Working Space, Add</i>	35.91	
23 05 23 00-0346			Crimped Bronze, Ball Valves (23 05 23 00-0293)		
23 05 23 00-0347			Crimped Bronze, 250 PSI, Ball Valves (23 05 23 00-0346)		
			Note: Nibco®		
23 05 23 00-0348	EA		1/2" Crimped Bronze, 250 PSI, Ball Valve	50.70	8.45
			<i>For Work In Restricted Working Space, Add</i>	5.70	
23 05 23 00-0349	EA		3/4" Crimped Bronze, 250 PSI, Ball Valve	64.84	9.30
			<i>For Work In Restricted Working Space, Add</i>	6.50	
23 05 23 00-0350	EA		1" Crimped Bronze, 250 PSI, Ball Valve	82.72	10.57
			<i>For Work In Restricted Working Space, Add</i>	7.77	
23 05 23 00-0351	EA		1-1/4" Crimped Bronze, 250 PSI, Ball Valve	130.18	11.24
			<i>For Work In Restricted Working Space, Add</i>	8.56	
23 05 23 00-0352	EA		1-1/2" Crimped Bronze, 250 PSI, Ball Valve	170.50	13.01
			<i>For Work In Restricted Working Space, Add</i>	9.51	
23 05 23 00-0353	EA		2" Crimped Bronze, 250 PSI, Ball Valve	254.44	15.38
			<i>For Work In Restricted Working Space, Add</i>	11.41	
23 05 23 00-0354			Crimped Bronze, 200 PSI, Full Port Ball Valves (23 05 23 00-0346)		
23 05 23 00-0355	EA		1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	49.51	8.45
23 05 23 00-0356	EA		3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	64.53	9.30
23 05 23 00-0357	EA		1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve	78.66	10.57
23 05 23 00-0358	EA		1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	114.28	11.24
23 05 23 00-0359	EA		1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	150.42	13.01
23 05 23 00-0360	EA		2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve.....	227.67	15.38
23 05 23 00-0361			Crimped Bronze, 250 PSI, Full Port Ball Valves (23 05 23 00-0346)		
23 05 23 00-0362	EA		1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	58.58	8.45
23 05 23 00-0363	EA		3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	71.13	9.30
23 05 23 00-0364	EA		1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	89.21	10.57
23 05 23 00-0365	EA		1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	147.25	11.24
23 05 23 00-0366	EA		1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve.....	221.33	13.01
23 05 23 00-0367	EA		2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve	310.11	15.38
23 05 23 00-0368			Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves (23 05 23 00-0346)		
23 05 23 00-0369	EA		1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	56.11	8.45
23 05 23 00-0370	EA		3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	68.82	9.30
23 05 23 00-0371	EA		1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve.....	83.93	10.57
23 05 23 00-0372			Globe Valves (23 05 23)		
23 05 23 00-0373			Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves (23 05 23 00-0372)		
23 05 23 00-0374	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	40.48	8.45
			<i>For 150 LB Rating, Add</i>	4.10	
			<i>For 200 LB Rating, Add</i>	5.02	
			<i>For 250 LB Rating, Add</i>	5.94	
			<i>For 300 LB Rating, Add</i>	7.27	
			<i>For Work In Restricted Working Space, Add</i>	8.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0375	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	37.82	8.45
			For 150 LB Rating, Add	4.10	
			For 200 LB Rating, Add	5.02	
			For 250 LB Rating, Add	5.94	
			For 300 LB Rating, Add	7.27	
			For Work In Restricted Working Space, Add	7.38	
23 05 23 00-0376	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	45.62	8.45
			For 150 LB Rating, Add	6.11	
			For 200 LB Rating, Add	7.49	
			For 250 LB Rating, Add	8.87	
			For 300 LB Rating, Add	10.84	
			For Work In Restricted Working Space, Add	7.77	
23 05 23 00-0377	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	46.98	8.45
			For 150 LB Rating, Add	6.11	
			For 200 LB Rating, Add	7.49	
			For 250 LB Rating, Add	8.87	
			For 300 LB Rating, Add	10.84	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	32.59	
			For Work In Restricted Working Space, Add	8.18	
23 05 23 00-0378	EA		3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	58.12	8.88
			For 150 LB Rating, Add	6.62	
			For 200 LB Rating, Add	8.12	
			For 250 LB Rating, Add	9.62	
			For 300 LB Rating, Add	11.75	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	38.21	
			For Work In Restricted Working Space, Add	11.03	
23 05 23 00-0379	EA		1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	73.37	8.88
			For 150 LB Rating, Add	8.95	
			For 200 LB Rating, Add	10.97	
			For 250 LB Rating, Add	13.00	
			For 300 LB Rating, Add	15.88	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	49.56	
			For Work In Restricted Working Space, Add	13.35	
23 05 23 00-0380	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	106.23	11.24
			For 150 LB Rating, Add	15.46	
			For 200 LB Rating, Add	18.95	
			For 250 LB Rating, Add	22.45	
			For 300 LB Rating, Add	27.43	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	77.41	
			For Work In Restricted Working Space, Add	16.91	
23 05 23 00-0381	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	136.29	13.01
			For 150 LB Rating, Add	22.10	
			For 200 LB Rating, Add	27.09	
			For 250 LB Rating, Add	32.08	
			For 300 LB Rating, Add	39.20	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	104.41	
			For Work In Restricted Working Space, Add	19.50	
23 05 23 00-0382	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	160.64	15.38
			For 150 LB Rating, Add	25.98	
			For 200 LB Rating, Add	31.84	
			For 250 LB Rating, Add	37.71	
			For 300 LB Rating, Add	46.09	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	122.92	
			For Work In Restricted Working Space, Add	23.05	
23 05 23 00-0383	EA		2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	188.23	20.77
			For 150 LB Rating, Add	26.19	
			For 200 LB Rating, Add	32.11	
			For 250 LB Rating, Add	38.02	
			For 300 LB Rating, Add	46.47	
			For Work In Restricted Working Space, Add	31.12	
23 05 23 00-0384	EA		3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	308.98	24.12
			For 150 LB Rating, Add	58.68	
			For 200 LB Rating, Add	71.93	
			For 250 LB Rating, Add	85.18	
			For 300 LB Rating, Add	104.11	
			For Work In Restricted Working Space, Add	35.91	
23 05 23 00-0385			Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves <small>(23 05 23 00-0372)</small>		
23 05 23 00-0386	EA		2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	224.07	15.38
			For 150 LB Rating, Add	45.64	
			For 200 LB Rating, Add	55.95	
			For 250 LB Rating, Add	66.25	
			For 300 LB Rating, Add	80.98	
			For Chain Operated Type, Add	122.94	
			For Work In Restricted Working Space, Add	23.05	
23 05 23 00-0387	EA		2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	282.21	20.77
			For 150 LB Rating, Add	55.33	
			For 200 LB Rating, Add	67.82	
			For 250 LB Rating, Add	80.31	
			For 300 LB Rating, Add	98.16	
			For Chain Operated Type, Add	149.02	
			For Work In Restricted Working Space, Add	31.12	
23 05 23 00-0388	EA		3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	333.85	24.12
			For 150 LB Rating, Add	66.39	
			For 200 LB Rating, Add	81.38	
			For 250 LB Rating, Add	96.37	
			For 300 LB Rating, Add	117.79	
			For Chain Operated Type, Add	178.82	
			For Work In Restricted Working Space, Add	35.91	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 23 00-0389	EA 4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	421.66	27.23
	For 150 LB Rating, Add	88.52	
	For 200 LB Rating, Add	108.51	
	For 250 LB Rating, Add	128.49	
	For 300 LB Rating, Add	157.05	
	For Chain Operated Type, Add	238.43	
	For Work In Restricted Working Space, Add	40.84	
23 05 23 00-0390	Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves <small>(23 05 23 00-0372)</small>		
23 05 23 00-0391	EA 2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	278.50	112.66
	For 150 LB Rating, Add	42.67	
	For 250 LB Rating, Add	61.94	
	For Chain Operated Type, Add	68.82	
	For Work In Restricted Working Space, Add	42.26	
23 05 23 00-0392	EA 2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	309.26	112.81
	For 150 LB Rating, Add	52.02	
	For 250 LB Rating, Add	75.51	
	For Chain Operated Type, Add	83.90	
	For Work In Restricted Working Space, Add	42.44	
23 05 23 00-0393	EA 3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	366.89	132.27
	For 150 LB Rating, Add	62.42	
	For 250 LB Rating, Add	90.61	
	For Chain Operated Type, Add	100.68	
	For Work In Restricted Working Space, Add	49.66	
23 05 23 00-0394	EA 4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	511.60	221.74
	For 150 LB Rating, Add	83.23	
	For 250 LB Rating, Add	120.81	
	For Chain Operated Type, Add	134.24	
	For Work In Restricted Working Space, Add	72.94	
23 05 23 00-0395	EA 5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	715.24	272.54
	For 150 LB Rating, Add	115.74	
	For 250 LB Rating, Add	168.00	
	For Chain Operated Type, Add	186.67	
	For Work In Restricted Working Space, Add	102.57	
23 05 23 00-0396	EA 6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	850.45	302.83
	For 150 LB Rating, Add	146.30	
	For 250 LB Rating, Add	212.36	
	For Chain Operated Type, Add	235.96	
	For Work In Restricted Working Space, Add	113.56	
23 05 23 00-0397	EA 8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,158.31	348.25
	For 150 LB Rating, Add	224.97	
	For 250 LB Rating, Add	326.57	
	For Chain Operated Type, Add	362.86	
	For Work In Restricted Working Space, Add	129.78	
23 05 23 00-0398	EA 10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,635.29	423.95
	For 150 LB Rating, Add	342.66	
	For 250 LB Rating, Add	497.41	
	For Chain Operated Type, Add	552.68	
	For Work In Restricted Working Space, Add	158.98	
23 05 23 00-0399	EA 12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,733.98	514.80
	For 150 LB Rating, Add	648.40	
	For 250 LB Rating, Add	941.23	
	For Chain Operated Type, Add	1,045.81	
	For Work In Restricted Working Space, Add	192.71	
23 05 23 00-0400	Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves <small>(23 05 23 00-0372)</small>		
23 05 23 00-0401	EA 1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	37.27	8.45
	For 150 LB Rating, Add	3.10	
	For 200 LB Rating, Add	3.80	
	For 300 LB Rating, Add	5.50	
	For Work In Restricted Working Space, Add	8.18	
23 05 23 00-0402	EA 1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	34.61	8.45
	For 150 LB Rating, Add	3.10	
	For 200 LB Rating, Add	3.80	
	For 300 LB Rating, Add	5.50	
	For Work In Restricted Working Space, Add	7.38	
23 05 23 00-0403	EA 3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	35.91	8.45
	For 150 LB Rating, Add	3.10	
	For 200 LB Rating, Add	3.80	
	For 300 LB Rating, Add	5.50	
	For Work In Restricted Working Space, Add	7.77	
23 05 23 00-0404	EA 1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	37.94	8.45
	For 150 LB Rating, Add	3.31	
	For 200 LB Rating, Add	4.05	
	For 300 LB Rating, Add	5.87	
	For Work In Restricted Working Space, Add	8.18	
23 05 23 00-0405	EA 3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	51.55	8.88
	For 150 LB Rating, Add	4.59	
	For 200 LB Rating, Add	5.62	
	For 300 LB Rating, Add	8.14	
	For Work In Restricted Working Space, Add	11.03	
23 05 23 00-0406	EA 1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	63.91	8.88
	For 150 LB Rating, Add	6.02	
	For 200 LB Rating, Add	7.38	
	For 300 LB Rating, Add	10.68	
	For Work In Restricted Working Space, Add	13.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0407	EA		1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	85.19	11.24
			<i>For 150 LB Rating, Add</i>	8.94	
			<i>For 200 LB Rating, Add</i>	10.96	
			<i>For 300 LB Rating, Add</i>	15.86	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0408	EA		1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	98.64	13.01
			<i>For 150 LB Rating, Add</i>	10.43	
			<i>For 200 LB Rating, Add</i>	12.78	
			<i>For 300 LB Rating, Add</i>	18.50	
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0409	EA		2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	127.49	15.38
			<i>For 150 LB Rating, Add</i>	15.70	
			<i>For 200 LB Rating, Add</i>	19.25	
			<i>For 300 LB Rating, Add</i>	27.86	
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0410	EA		2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	204.06	22.57
			<i>For 150 LB Rating, Add</i>	28.32	
			<i>For 200 LB Rating, Add</i>	34.72	
			<i>For 300 LB Rating, Add</i>	50.25	
			<i>For Work In Restricted Working Space, Add</i>	33.81	
23 05 23 00-0411	EA		3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	284.76	26.20
			<i>For 150 LB Rating, Add</i>	47.97	
			<i>For 200 LB Rating, Add</i>	58.80	
			<i>For 300 LB Rating, Add</i>	85.10	
			<i>For Work In Restricted Working Space, Add</i>	39.01	
23 05 23 00-0412			Flanged, 125 LB, Iron Body, Angle Globe Valves (23 05 23 00-0372)		
23 05 23 00-0413	EA		2" Flanged, 125 LB, Iron Body, Angle Globe Valve	495.00	112.66
			<i>For 250 LB Rating, Add</i>	212.48	
			<i>For Chain Operated Type, Add</i>	138.11	
			<i>For Work In Restricted Working Space, Add</i>	42.26	
23 05 23 00-0414	EA		2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve	560.29	112.81
			<i>For 250 LB Rating, Add</i>	251.30	
			<i>For Chain Operated Type, Add</i>	163.34	
			<i>For Work In Restricted Working Space, Add</i>	42.44	
23 05 23 00-0415	EA		3" Flanged, 125 LB, Iron Body, Angle Globe Valve	659.09	132.27
			<i>For 250 LB Rating, Add</i>	296.13	
			<i>For Chain Operated Type, Add</i>	192.48	
			<i>For Work In Restricted Working Space, Add</i>	49.66	
23 05 23 00-0416	EA		4" Flanged, 125 LB, Iron Body, Angle Globe Valve	982.81	221.74
			<i>For 250 LB Rating, Add</i>	422.96	
			<i>For Chain Operated Type, Add</i>	274.93	
			<i>For Work In Restricted Working Space, Add</i>	83.36	
23 05 23 00-0417	EA		5" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,605.28	272.54
			<i>For 250 LB Rating, Add</i>	758.03	
			<i>For Chain Operated Type, Add</i>	492.72	
			<i>For Work In Restricted Working Space, Add</i>	102.57	
23 05 23 00-0418	EA		6" Flanged, 125 LB, Iron Body, Angle Globe Valve	1,641.91	302.83
			<i>For 250 LB Rating, Add</i>	758.03	
			<i>For Chain Operated Type, Add</i>	492.72	
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0419	EA		8" Flanged, 125 LB, Iron Body, Angle Globe Valve	2,905.28	348.25
			<i>For 250 LB Rating, Add</i>	1,483.61	
			<i>For Chain Operated Type, Add</i>	964.35	
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0420			Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves (23 05 23 00-0372)		
			Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0421	EA		1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	88.60	13.69
			<i>For Work In Restricted Working Space, Add</i>	7.38	
23 05 23 00-0422	EA		1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	91.26	13.69
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0423	EA		3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	109.54	18.43
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0424	EA		1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	134.90	22.22
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0425	EA		1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	211.33	28.14
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0426	EA		1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	252.28	32.54
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0427	EA		2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	318.12	38.46
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0428			Check Valves (23 05 23)		
23 05 23 00-0429			Iron Body Wafer Type Check Valve (23 05 23 00-0428)		
23 05 23 00-0430			Single Disk Type (23 05 23 00-0429)		
23 05 23 00-0431	EA		2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	258.17	112.70
			<i>For 150 LB Rating, Add</i>	24.62	
			<i>For 200 LB Rating, Add</i>	29.31	
			<i>For 300 LB Rating, Add</i>	35.18	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	80.95	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 05 23 00-0432	EA	2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	295.16	112.87
		<i>For 150 LB Rating, Add</i>	32.26	
		<i>For 200 LB Rating, Add</i>	38.41	
		<i>For 300 LB Rating, Add</i>	46.09	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	97.44	
23 05 23 00-0433	EA	3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	359.81	132.34
		<i>For 150 LB Rating, Add</i>	40.78	
		<i>For 200 LB Rating, Add</i>	48.55	
		<i>For 300 LB Rating, Add</i>	58.25	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	120.51	
23 05 23 00-0434	EA	4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	541.01	221.85
		<i>For 150 LB Rating, Add</i>	55.23	
		<i>For 200 LB Rating, Add</i>	65.75	
		<i>For 300 LB Rating, Add</i>	78.90	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	173.95	
23 05 23 00-0435	EA	6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	801.16	311.37
		<i>For 150 LB Rating, Add</i>	86.51	
		<i>For 200 LB Rating, Add</i>	102.99	
		<i>For 300 LB Rating, Add</i>	123.59	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	263.22	
23 05 23 00-0436	EA	8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	1,078.16	358.07
		<i>For 150 LB Rating, Add</i>	132.76	
		<i>For 200 LB Rating, Add</i>	158.05	
		<i>For 300 LB Rating, Add</i>	189.65	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	373.68	
23 05 23 00-0437	EA	10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB.....	1,558.61	435.92
		<i>For 150 LB Rating, Add</i>	212.04	
		<i>For 200 LB Rating, Add</i>	252.43	
		<i>For 300 LB Rating, Add</i>	302.92	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	564.15	
23 05 23 00-0438		Twin Disc Type <small>(23 05 23 00-0429)</small>		
23 05 23 00-0439	EA	2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	272.58	112.70
		<i>For 150 LB Rating, Add</i>	27.65	
		<i>For 200 LB Rating, Add</i>	32.92	
		<i>For 300 LB Rating, Add</i>	39.50	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	87.43	
23 05 23 00-0440	EA	2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	299.55	112.87
		<i>For 150 LB Rating, Add</i>	33.18	
		<i>For 200 LB Rating, Add</i>	39.50	
		<i>For 300 LB Rating, Add</i>	47.40	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	99.41	
23 05 23 00-0441	EA	3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	349.99	132.34
		<i>For 150 LB Rating, Add</i>	38.72	
		<i>For 200 LB Rating, Add</i>	46.09	
		<i>For 300 LB Rating, Add</i>	55.31	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	116.09	
23 05 23 00-0442	EA	4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	512.14	221.85
		<i>For 150 LB Rating, Add</i>	49.17	
		<i>For 200 LB Rating, Add</i>	58.53	
		<i>For 300 LB Rating, Add</i>	70.24	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	160.96	
23 05 23 00-0443	EA	6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	766.75	311.37
		<i>For 150 LB Rating, Add</i>	79.28	
		<i>For 200 LB Rating, Add</i>	94.39	
		<i>For 300 LB Rating, Add</i>	113.26	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	247.74	
23 05 23 00-0444	EA	8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,021.39	358.07
		<i>For 150 LB Rating, Add</i>	121.08	
		<i>For 200 LB Rating, Add</i>	144.14	
		<i>For 300 LB Rating, Add</i>	172.97	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	348.42	
23 05 23 00-0445	EA	10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,458.23	38.92
		<i>For 150 LB Rating, Add</i>	191.75	
		<i>For 200 LB Rating, Add</i>	228.28	
		<i>For 300 LB Rating, Add</i>	273.93	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	519.92	
23 05 23 00-0446	EA	12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	1,883.04	529.33
		<i>For 150 LB Rating, Add</i>	256.91	
		<i>For 200 LB Rating, Add</i>	305.84	
		<i>For 300 LB Rating, Add</i>	367.01	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	682.45	
23 05 23 00-0447	EA	14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	3,303.15	611.62
		<i>For 150 LB Rating, Add</i>	522.41	
		<i>For 200 LB Rating, Add</i>	621.92	
		<i>For 300 LB Rating, Add</i>	746.30	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,282.55	
23 05 23 00-0448	EA	16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	4,409.04	717.63
		<i>For 150 LB Rating, Add</i>	737.52	
		<i>For 200 LB Rating, Add</i>	878.00	
		<i>For 300 LB Rating, Add</i>	1,053.60	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	1,759.81	
23 05 23 00-0449	EA	18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	5,765.11	799.18
		<i>For 150 LB Rating, Add</i>	1,001.36	
		<i>For 200 LB Rating, Add</i>	1,192.10	
		<i>For 300 LB Rating, Add</i>	1,430.52	
		<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	2,345.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0450	EA		20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	6,823.71	897.04
			<i>For 150 LB Rating, Add</i>	1,197.51	
			<i>For 200 LB Rating, Add</i>	1,425.60	
			<i>For 300 LB Rating, Add</i>	1,710.72	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	2,790.34	
23 05 23 00-0451	EA		24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB.....	8,872.84	1,100.91
			<i>For 150 LB Rating, Add</i>	1,573.48	
			<i>For 200 LB Rating, Add</i>	1,873.20	
			<i>For 300 LB Rating, Add</i>	2,247.83	
			<i>For 300 LB Rating, Cast Steel, Weld End, Wedge, Add</i>	3,647.76	
23 05 23 00-0452			Lift Check Valves <small>(23 05 23 00-0428)</small>		
23 05 23 00-0453			Bronze Body, Threaded, Vertical Lift Check Valves <small>(23 05 23 00-0452)</small>		
			Note: Watts #600 series.		
23 05 23 00-0454	EA		3/8" Lift Check Valve, Bronze, Threaded.....	56.91	8.45
23 05 23 00-0455	EA		1/2" Lift Check Valve, Bronze, Threaded.....	60.14	8.45
23 05 23 00-0456	EA		3/4" Lift Check Valve, Bronze, Threaded.....	77.69	8.88
23 05 23 00-0457	EA		1" Lift Check Valve, Bronze, Threaded.....	100.37	8.88
23 05 23 00-0458	EA		1-1/4" Lift Check Valve, Bronze, Threaded.....	136.44	11.24
23 05 23 00-0459	EA		1-1/2" Lift Check Valve, Bronze, Threaded.....	164.18	13.01
23 05 23 00-0460	EA		2" Lift Check Valve, Bronze, Threaded.....	225.95	15.38
23 05 23 00-0461			Bronze Body, Threaded, 300 LB, Lift Check Valves <small>(23 05 23 00-0452)</small>		
			Note: Crane 366E.		
23 05 23 00-0462	EA		1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	284.75	8.45
23 05 23 00-0463	EA		3/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	347.73	8.88
23 05 23 00-0464	EA		1" Lift Check Valve, Bronze, Threaded, 300 LB.....	612.96	8.88
23 05 23 00-0465	EA		1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB.....	815.42	11.24
23 05 23 00-0466	EA		1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB.....	887.63	13.01
23 05 23 00-0467	EA		2" Lift Check Valve, Bronze, Threaded, 300 LB.....	1,136.86	15.38
23 05 23 00-0468			Iron Body, Flanged, 125 LB Vertical Lift Check Valves <small>(23 05 23 00-0452)</small>		
			Note: Mueller 105MAP.		
23 05 23 00-0469	EA		2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	467.26	112.66
23 05 23 00-0470	EA		2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB.....	650.09	112.81
23 05 23 00-0471	EA		3" Lift Check Valve, Iron Body, Flanged, 125 LB.....	713.97	132.27
23 05 23 00-0472	EA		4" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,014.87	221.74
23 05 23 00-0473	EA		5" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,289.97	272.54
23 05 23 00-0474	EA		6" Lift Check Valve, Iron Body, Flanged, 125 LB.....	1,566.21	302.83
23 05 23 00-0475	EA		8" Lift Check Valve, Iron Body, Flanged, 125 LB.....	2,606.41	348.25
23 05 23 00-0476	EA		10" Lift Check Valve, Iron Body, Flanged, 125 LB.....	3,266.88	423.95
23 05 23 00-0477	EA		12" Lift Check Valve, Iron Body, Flanged, 125 LB.....	5,195.85	514.80
23 05 23 00-0478	EA		14" Lift Check Valve, Iron Body, Flanged, 125 LB.....	7,034.98	623.27
23 05 23 00-0479	EA		16" Lift Check Valve, Iron Body, Flanged, 125 LB.....	7,792.81	731.31
23 05 23 00-0480			Bronze Body Swing Check Valves <small>(23 05 23 00-0428)</small>		
23 05 23 00-0481			Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves <small>(23 05 23 00-0480)</small>		
23 05 23 00-0482	EA		1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	43.54	8.45
			<i>For 300 LB Rating, Add</i>	6.35	
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0483	EA		1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	40.88	8.45
			<i>For 300 LB Rating, Add</i>	6.35	
			<i>For Work In Restricted Working Space, Add</i>	7.38	
23 05 23 00-0484	EA		3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	42.18	8.45
			<i>For 300 LB Rating, Add</i>	6.35	
			<i>For Work In Restricted Working Space, Add</i>	7.77	
23 05 23 00-0485	EA		1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	44.18	8.45
			<i>For 300 LB Rating, Add</i>	6.59	
			<i>For Work In Restricted Working Space, Add</i>	8.18	
23 05 23 00-0486	EA		3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	57.24	8.88
			<i>For 300 LB Rating, Add</i>	7.99	
			<i>For Work In Restricted Working Space, Add</i>	11.03	
23 05 23 00-0487	EA		1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	72.31	8.88
			<i>For 300 LB Rating, Add</i>	10.85	
			<i>For Work In Restricted Working Space, Add</i>	13.35	
23 05 23 00-0488	EA		1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	95.41	11.24
			<i>For 300 LB Rating, Add</i>	15.23	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 23 00-0489	EA		1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	119.70	13.01
			<i>For 300 LB Rating, Add</i>	21.33	
			<i>For Work In Restricted Working Space, Add</i>	19.50	
23 05 23 00-0490	EA		2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	147.16	15.38
			<i>For 300 LB Rating, Add</i>	27.42	
			<i>For Work In Restricted Working Space, Add</i>	23.05	
23 05 23 00-0491	EA		2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	265.39	20.77
			<i>For 300 LB Rating, Add</i>	63.04	
			<i>For Work In Restricted Working Space, Add</i>	31.12	
23 05 23 00-0492	EA		3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB.....	349.59	24.12
			<i>For 300 LB Rating, Add</i>	89.66	
			<i>For Work In Restricted Working Space, Add</i>	35.91	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05	23 00-0493	EA	4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	396.32 101.46 40.85	27.23
23 05	23 00-0494		125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <small>(23 05 23 00-0428)</small>		
23 05	23 00-0495	EA	1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	224.75 98.61 188.51 23.92	63.39
23 05	23 00-0496	EA	1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.63 108.64 207.69 27.56	73.96
23 05	23 00-0497	EA	1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	284.48 117.82 225.25 33.36	88.75
23 05	23 00-0498	EA	2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	356.06 146.34 279.76 42.26	112.66
23 05	23 00-0499	EA	2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	392.61 170.78 326.50 42.44	112.81
23 05	23 00-0500	EA	3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	438.47 185.59 354.81 49.66	132.27
23 05	23 00-0501	EA	4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	699.66 286.82 548.33 83.36	221.74
23 05	23 00-0502	EA	5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	961.18 421.11 805.06 102.57	272.54
23 05	23 00-0503	EA	6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,096.55 488.25 933.43 113.56	302.83
23 05	23 00-0504	EA	8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,225.24 1,219.00 2,330.43 129.78	348.25
23 05	23 00-0505	EA	10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,970.11 1,659.32 3,172.22 158.98	423.95
23 05	23 00-0506	EA	12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,447.68 2,587.62 4,946.92 192.71	514.80
23 05	23 00-0507	EA	14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,139.17 2,929.54 5,600.58 249.31	623.27
23 05	23 00-0508	EA	16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,188.92 4,266.85 8,157.21 274.24	731.31
23 05	23 00-0509	EA	18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	10,877.90 6,706.29 12,820.85 304.71	814.41
23 05	23 00-0510	EA	20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	14,869.20 9,334.03 17,844.48 342.80	914.14
23 05	23 00-0511	EA	24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <i>For 150 LB Rating, Add</i> <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	20,622.63 13,067.06 24,981.14 421.91	1,121.90
23 05	23 00-0512		Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves <small>(23 05 23 00-0428)</small>		
			Note: 800 PSIG at 850 Degrees F.		
23 05	23 00-0513	EA	1/2" Class 800, Threaded, Forged Steel Swing Check Valve <i>For Work In Restricted Working Space, Add</i>	83.63 8.18	8.45
23 05	23 00-0514	EA	3/4" 800, Threaded, Forged Steel Swing Check Valve <i>For Work In Restricted Working Space, Add</i>	100.74 11.03	9.30
23 05	23 00-0515	EA	1" Class 800, Threaded, Forged Steel Swing Check Valve <i>For Work In Restricted Working Space, Add</i>	119.63 13.35	10.57
23 05	23 00-0516	EA	1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve <i>For Work In Restricted Working Space, Add</i>	179.24 16.91	11.24
23 05	23 00-0517	EA	1-1/2" 800, Threaded, Forged Steel Swing Check Valve <i>For Work In Restricted Working Space, Add</i>	211.77 19.50	13.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0518	EA		2" Class 800, Threaded, Forged Steel Swing Check Valve..... <i>For Work In Restricted Working Space, Add</i>	281.13 23.05	15.38
23 05 23 00-0519			Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections <small>(23 05 23 00-0428)</small>		
23 05 23 00-0520	EA		1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	39.76 8.18	8.45
23 05 23 00-0521	EA		3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	49.24 11.03	9.30
23 05 23 00-0522	EA		1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	57.47 13.35	10.57
23 05 23 00-0523	EA		1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	69.87 16.91	11.24
23 05 23 00-0524	EA		1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	79.31 19.50	13.01
23 05 23 00-0525	EA		2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	99.07 23.05	15.38
23 05 23 00-0526	EA		2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	135.39 31.12	20.77
23 05 23 00-0527	EA		3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB..... <i>For Work In Restricted Working Space, Add</i>	160.76 35.91	24.12
23 05 23 00-0528			Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves <small>(23 05 23 00-0428)</small> Note: Nibco®		
23 05 23 00-0529	EA		1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	92.23 5.70	8.45
23 05 23 00-0530	EA		3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	116.75 6.50	9.30
23 05 23 00-0531	EA		1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	160.32 7.77	10.57
23 05 23 00-0532	EA		1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	212.14 8.56	11.24
23 05 23 00-0533	EA		1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	252.47 9.51	13.01
23 05 23 00-0534	EA		2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve..... <i>For Work In Restricted Working Space, Add</i>	359.36 11.41	15.38
23 05 23 00-0535			Crimped Bronze, 250 PSI, In-Line, Check Valves <small>(23 05 23 00-0428)</small>		
23 05 23 00-0536	EA		1/2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	42.55	8.45
23 05 23 00-0537	EA		3/4" Crimped Bronze, 200 PSI, In-Line Check Valve.....	51.79	9.30
23 05 23 00-0538	EA		1" Crimped Bronze, 200 PSI, In-Line Check Valve.....	60.61	10.57
23 05 23 00-0539	EA		1-1/4" Crimped Bronze, 200 PSI, In-Line Check Valve.....	78.74	11.24
23 05 23 00-0540	EA		1-1/2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	102.98	13.01
23 05 23 00-0541	EA		2" Crimped Bronze, 200 PSI, In-Line Check Valve.....	167.76	15.38
23 05 23 00-0542			Cast Iron Valves <small>(23 05 23)</small>		
23 05 23 00-0543			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Valves <small>(23 05 23 00-0542)</small>		
23 05 23 00-0544	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	128.76	25.29
23 05 23 00-0545	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	160.99	28.00
23 05 23 00-0546	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	178.49	34.62
23 05 23 00-0547	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	280.53	51.74
23 05 23 00-0548	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	432.04	62.24
23 05 23 00-0549			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Valves <small>(23 05 23 00-0542)</small>		
23 05 23 00-0550	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	160.76	38.04
23 05 23 00-0551	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	185.43	42.26
23 05 23 00-0552	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	223.08	63.39
23 05 23 00-0553	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	334.17	88.75
23 05 23 00-0554	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	518.54	112.66
23 05 23 00-0555	EA		2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	648.27	112.81
23 05 23 00-0556	EA		3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	801.46	132.27
23 05 23 00-0557	EA		4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,150.83	221.74
23 05 23 00-0558	EA		6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	2,334.29	302.83
23 05 23 00-0559	EA		8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	3,533.95	348.25

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST		
23 05 23 00-0560		Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Valves <small>(23 05 23 00-0542)</small>							
	23 05 23 00-0561	EA			1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	88.04	25.29		
	23 05 23 00-0562	EA			3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	110.62	28.00		
	23 05 23 00-0563	EA			1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	128.12	34.62		
	23 05 23 00-0564	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	211.93	51.74		
	23 05 23 00-0565	EA			2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	272.34	62.24		
23 05 23 00-0566		Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Valves <small>(23 05 23 00-0542)</small>							
	23 05 23 00-0567	EA			1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	117.51	38.04		
	23 05 23 00-0568	EA			3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	131.97	42.26		
	23 05 23 00-0569	EA			1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	169.61	63.39		
	23 05 23 00-0570	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	261.37	88.75		
	23 05 23 00-0571	EA			2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	349.04	112.66		
	23 05 23 00-0572	EA			2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	412.88	112.81		
	23 05 23 00-0573	EA			3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	500.00	132.27		
	23 05 23 00-0574	EA			4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	795.48	221.74		
	23 05 23 00-0575	EA			6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	1,538.16	302.83		
	23 05 23 00-0576	EA			8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated.....	2,271.23	348.25		
23 05 23 00-0577		125 LB, Flanged Cast Iron Diaphragm Valves, Hand Wheel Operated <small>(23 05 23 00-0542)</small>							
	23 05 23 00-0578	EA			1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	206.97	63.39		
	23 05 23 00-0579	EA			1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	328.26	88.75		
	23 05 23 00-0580	EA			2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	438.36	112.66		
	23 05 23 00-0581	EA			2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	605.48	112.81		
	23 05 23 00-0582	EA			3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	672.59	132.27		
	23 05 23 00-0583	EA			4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,061.84	221.74		
	23 05 23 00-0584	EA			6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	2,081.17	302.83		
	23 05 23 00-0585	EA			8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	4,140.98	348.25		
23 05 23 00-0586		Flow Control Valves And Meters <small>(23 05 23)</small>							
23 05 23 00-0587		Conditioned Water Balancing Valves <small>(23 05 23 00-0586)</small>							
Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.									
	23 05 23 00-0588	EA			1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	90.39	43.13		
	23 05 23 00-0589	EA			3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	111.65	57.49		
	23 05 23 00-0590	EA			1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	163.50	65.70		
	23 05 23 00-0591	EA			1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	211.40	81.17		
	23 05 23 00-0592	EA			1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	240.77	86.24		
	23 05 23 00-0593	EA			2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	315.70	98.59		
	23 05 23 00-0594	EA			2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	592.31	171.57		
	23 05 23 00-0595	EA			3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	806.20	196.08		
	23 05 23 00-0596	EA			3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,112.93	228.86		
	23 05 23 00-0597	EA			4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,263.71	237.03		
	23 05 23 00-0598	EA			6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,414.74	245.20		
	23 05 23 00-0599	EA			8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,345.91	280.23		
	23 05 23 00-0600	EA			10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,949.31	311.37		
23 05 23 00-0601		Read Out Meters <small>(23 05 23 00-0586)</small>							
Note: For use with conditioned portable water balancing valves.									
	23 05 23 00-0602	EA			0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	502.11			
	23 05 23 00-0603	EA			0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50			
	23 05 23 00-0604	EA			0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50			
	23 05 23 00-0605	EA			0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	679.50			
23 05 23 00-0606		Balancing Valves <small>(23 05 23)</small>							
23 05 23 00-0607		Balancing Valves With Lever <small>(23 05 23 00-0606)</small>							
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.									
	23 05 23 00-0608	EA			1/2" Threaded Balancing Valve With Lever.....	147.72	26.63		
	23 05 23 00-0609	EA			3/4" Threaded Balancing Valve With Lever.....	167.78	35.09		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0610 EA 1" Threaded Balancing Valve With Lever	180.24	40.17
23 05 23 00-0611 EA 1-1/4" Threaded Balancing Valve With Lever	207.68	49.88
23 05 23 00-0612 EA 1-1/2" Threaded Balancing Valve With Lever	222.47	52.84
23 05 23 00-0613 EA 2" Threaded Balancing Valve With Lever	247.30	60.46
23 05 23 00-0614 EA 2-1/2" Flanged Balancing Valve With Lever.....	459.79	107.04
23 05 23 00-0615 EA 3" Flanged Balancing Valve With Lever.....	562.77	142.85
23 05 23 00-0616 EA 4" Flanged Balancing Valve With Lever.....	733.50	165.41
23 05 23 00-0617 EA 5" Flanged Balancing Valve With Lever.....	1,069.20	194.60
23 05 23 00-0618 EA 6" Flanged Balancing Valve With Lever.....	1,124.08	222.24
23 05 23 00-0619 EA 8" Flanged Balancing Valve With Lever.....	1,442.16	249.10
23 05 23 00-0620 Balancing Valves With Nut <small>(23 05 23 00-0606)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0621 EA 4" Flanged Balancing Valve With Nut	701.87	165.41
23 05 23 00-0622 EA 5" Flanged Balancing Valve With Nut	1,029.06	194.60
23 05 23 00-0623 EA 6" Flanged Balancing Valve With Nut	1,083.94	222.24
23 05 23 00-0624 EA 8" Flanged Balancing Valve With Nut	1,386.20	249.10
23 05 23 00-0625 Balancing Valves With Hand Wheel <small>(23 05 23 00-0606)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0626 EA 4" Flanged Balancing Valve With Hand Wheel.....	939.08	165.41
23 05 23 00-0627 EA 5" Flanged Balancing Valve With Hand Wheel.....	1,333.34	222.24
23 05 23 00-0628 EA 6" Flanged Balancing Valve With Hand Wheel.....	1,278.43	194.60
23 05 23 00-0629 EA 8" Flanged Balancing Valve With Hand Wheel.....	1,604.60	222.24
23 05 23 00-0630 EA 10" Flanged Balancing Valve With Hand Wheel.....	2,361.78	272.21
23 05 23 00-0631 EA 12" Flanged Balancing Valve With Hand Wheel.....	3,071.31	346.01
23 05 23 00-0632 EA 14" Flanged Balancing Valve With Hand Wheel.....	4,030.75	358.65
23 05 23 00-0633 Balancing Valves With Chain Wheel <small>(23 05 23 00-0606)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0634 EA 4" Flanged Balancing Valve With Chain Wheel	1,068.02	165.41
23 05 23 00-0635 EA 5" Flanged Balancing Valve With Chain Wheel	1,463.50	222.24
23 05 23 00-0636 EA 6" Flanged Balancing Valve With Chain Wheel	1,408.59	194.60
23 05 23 00-0637 EA 8" Flanged Balancing Valve With Chain Wheel	1,733.55	222.24
23 05 23 00-0638 EA 10" Flanged Balancing Valve With Chain Wheel	2,492.22	272.06
23 05 23 00-0639 EA 12" Flanged Balancing Valve With Chain Wheel	3,230.87	345.77
23 05 23 00-0640 EA 14" Flanged Balancing Valve With Chain Wheel	4,188.20	358.81
23 05 23 00-0641 Calibrated Balancing Valves <small>(23 05 23 00-0606)</small>		
Note: Bell & Gossett CB Series.		
23 05 23 00-0642 EA 1/2" Brazed Or Soldered Calibrated Balancing Valve (CB-1/2S).....	76.34	8.46
23 05 23 00-0643 EA 3/4" Brazed Or Soldered Calibrated Balancing Valve (CB-3/4S).....	90.72	9.30
23 05 23 00-0644 EA 1" Brazed Or Soldered Calibrated Balancing Valve (CB-1S).....	110.73	10.57
23 05 23 00-0645 EA 1-1/4" Brazed Or Soldered Calibrated Balancing Valve (CB-1-1/4S).....	148.35	11.25
23 05 23 00-0646 EA 1" Threaded Calibrated Balancing Valve (CB-1).....	117.47	10.57
23 05 23 00-0647 EA 1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4).....	160.00	11.25
23 05 23 00-0648 EA 1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2).....	185.85	13.02
23 05 23 00-0649 EA 2" Threaded Calibrated Balancing Valve (CB-2).....	248.57	15.39
23 05 23 00-0650 EA 2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2).....	456.11	22.58
23 05 23 00-0651 EA 3" Threaded Calibrated Balancing Valve (CB-3).....	635.95	26.21
23 05 23 00-0652 EA 2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F).....	607.53	122.60
23 05 23 00-0653 EA 3" Flanged Calibrated Balancing Valve (CB-3F).....	869.78	143.74
23 05 23 00-0654 EA 4" Flanged Calibrated Balancing Valve (CB-4F).....	1,328.16	240.98
23 05 23 00-0655 EA 5" Flanged Calibrated Balancing Valve (CB-5F).....	1,985.42	304.39
23 05 23 00-0656 EA 6" Flanged Calibrated Balancing Valve (CB-6F).....	2,584.37	338.21
23 05 23 00-0657 EA 8" Flanged Calibrated Balancing Valve (CB-8F).....	4,545.74	388.94
23 05 23 00-0658 EA 10" Flanged Calibrated Balancing Valve (CB-10F).....	6,294.84	456.67
23 05 23 00-0659 EA 12" Flanged Calibrated Balancing Valve (CB-12F).....	13,121.04	554.53
23 05 23 00-0660 EA 4" Grooved Calibrated Balancing Valve (CB-4G).....	1,546.36	29.10
23 05 23 00-0661 EA 5" Grooved Calibrated Balancing Valve (CB-5G).....	1,786.82	38.61
23 05 23 00-0662 EA 6" Grooved Calibrated Balancing Valve (CB-6G).....	2,373.78	49.51
23 05 23 00-0663 EA 8" Grooved Calibrated Balancing Valve (CB-8G).....	4,429.36	62.83
23 05 23 00-0664 EA 10" Grooved Calibrated Balancing Valve (CB-10G).....	5,947.96	70.41
23 05 23 00-0665 EA 12" Grooved Calibrated Balancing Valve (CB-12G).....	12,219.29	85.85
23 05 23 00-0666 Butterfly Valves <small>(23 05 23)</small>		
23 05 23 00-0667 Cast Iron Body, Iron Disc, Butterfly Valves <small>(23 05 23 00-0666)</small>		
Note: With on-off handle, 150 PSI wafer type.		
23 05 23 00-0668 EA 2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	224.55	112.66
For 200 PSI, Add	40.17	
For Work In Restricted Working Space, Add	42.26	
23 05 23 00-0669 EA 2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	230.02	112.81
For 200 PSI, Add	42.51	
For Work In Restricted Working Space, Add	42.44	
23 05 23 00-0670 EA 3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	260.91	132.27
For 200 PSI, Add	45.78	
For Work In Restricted Working Space, Add	49.66	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 23 00-0671	EA	4"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	397.57	221.74
			<i>For 200 PSI, Add</i>	57.46	
			<i>For Work In Restricted Working Space, Add</i>	83.36	
23 05 23 00-0672	EA	5"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	512.20	272.54
			<i>For 200 PSI, Add</i>	81.74	
			<i>For Work In Restricted Working Space, Add</i>	102.57	
23 05 23 00-0673	EA	6"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	586.78	302.83
			<i>For 200 PSI, Add</i>	99.96	
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0674	EA	8"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	745.95	348.25
			<i>For 200 PSI, Add</i>	150.41	
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0675	EA	10"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,137.19	423.95
			<i>For 200 PSI, Add</i>	291.48	
			<i>For Work In Restricted Working Space, Add</i>	158.98	
23 05 23 00-0676	EA	12"	Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,416.02	514.80
			<i>For 200 PSI, Add</i>	371.36	
			<i>For Work In Restricted Working Space, Add</i>	192.71	
23 05 23 00-0677			Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve <small>(23 05 23 00-0666)</small>		
23 05 23 00-0678	EA	2-1/2"	Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	663.11	22.57
			<i>For Work In Restricted Working Space, Add</i>	13.31	
23 05 23 00-0679	EA	3"	Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	719.15	26.20
			<i>For Work In Restricted Working Space, Add</i>	15.85	
23 05 23 00-0680	EA	4"	Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve.....	899.99	29.58
			<i>For Work In Restricted Working Space, Add</i>	20.92	
23 05 23 00-0681			Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Butterfly Valves <small>(23 05 23 00-0666)</small>		
23 05 23 00-0682	EA	2"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	370.52	112.66
			<i>For Work In Restricted Working Space, Add</i>	42.26	
23 05 23 00-0683	EA	2-1/2"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	373.07	112.81
			<i>For Work In Restricted Working Space, Add</i>	42.44	
23 05 23 00-0684	EA	3"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	408.83	132.27
			<i>For Work In Restricted Working Space, Add</i>	49.66	
23 05 23 00-0685	EA	4"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	552.30	221.74
			<i>For Work In Restricted Working Space, Add</i>	83.36	
23 05 23 00-0686	EA	5"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	683.48	272.54
			<i>For Work In Restricted Working Space, Add</i>	102.57	
23 05 23 00-0687	EA	6"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	757.03	302.83
			<i>For Work In Restricted Working Space, Add</i>	113.56	
23 05 23 00-0688	EA	8"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	923.07	348.25
			<i>For Work In Restricted Working Space, Add</i>	129.78	
23 05 23 00-0689	EA	10"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,163.46	423.95
			<i>For Work In Restricted Working Space, Add</i>	158.98	
23 05 23 00-0690	EA	12"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,562.96	514.80
			<i>For Work In Restricted Working Space, Add</i>	192.71	
23 05 23 00-0691			Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Butterfly Valves <small>(23 05 23 00-0666)</small>		
23 05 23 00-0692	EA	14"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	2,474.41	623.27
			<i>For 200 PSI, Add</i>	591.62	
			<i>For Work In Restricted Working Space, Add</i>	249.31	
23 05 23 00-0693	EA	16"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	3,122.00	731.31
			<i>For 200 PSI, Add</i>	794.83	
			<i>For Work In Restricted Working Space, Add</i>	274.24	
23 05 23 00-0694	EA	18"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	4,296.04	814.41
			<i>For 200 PSI, Add</i>	1,180.92	
			<i>For Work In Restricted Working Space, Add</i>	304.71	
23 05 23 00-0695	EA	20"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	5,481.32	914.14
			<i>For 200 PSI, Add</i>	1,561.91	
			<i>For Work In Restricted Working Space, Add</i>	342.80	
23 05 23 00-0696	EA	24"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	7,330.43	1,121.90
			<i>For 200 PSI, Add</i>	2,132.66	
			<i>For Work In Restricted Working Space, Add</i>	421.91	
23 05 23 00-0697	EA	30"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	15,118.66	1,887.43
			<i>For 200 PSI, Add</i>	4,577.93	
			<i>For Work In Restricted Working Space, Add</i>	720.65	
23 05 23 00-0698	EA	36"	Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	19,159.87	2,573.77
			<i>For 200 PSI, Add</i>	5,816.57	
			<i>For Work In Restricted Working Space, Add</i>	900.82	
23 05 29 Hangers And Supports For HVAC Piping And Equipment <small>(23 05)</small>					
23 05 29 00-0001			Hangers And Supports <small>(23 05 29)</small>		
23 05 29 00-0002			Clevis Hangers <small>(23 05 29 00-0001)</small>		
23 05 29 00-0003			Steel Clevis Hanger (Cooper B-Line B3100) <small>(23 05 29 00-0002)</small>		
			Note: Type 1.		
23 05 29 00-0004	EA	1/2"	Steel Clevis Hanger (Cooper B-Line B3100).....	15.47	7.00
			<i>For Work In Restricted Working Space, Add</i>	4.20	
23 05 29 00-0005	EA	3/4"	Steel Clevis Hanger (Cooper B-Line B3100).....	17.02	7.78
			<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0006	EA	1"	Steel Clevis Hanger (Cooper B-Line B3100).....	17.90	7.78
			<i>For Work In Restricted Working Space, Add</i>	4.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0007	EA		1-1/4" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	18.58 5.05	8.42
23 05 29 00-0008	EA		1-1/2" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	18.77 5.05	8.42
23 05 29 00-0009	EA		2" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	19.60 5.19	8.56
23 05 29 00-0010	EA		2-1/2" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	21.53 5.34	8.87
23 05 29 00-0011	EA		3" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	23.02 5.49	9.33
23 05 29 00-0012	EA		3-1/2" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	24.04 5.86	10.25
23 05 29 00-0013	EA		4" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	26.41 6.22	10.90
23 05 29 00-0014	EA		5" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	33.91 7.82	13.03
23 05 29 00-0015	EA		6" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	40.81 9.34	15.56
23 05 29 00-0016	EA		8" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	54.95 11.67	19.46
23 05 29 00-0017	EA		10" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	80.47 15.56	26.45
23 05 29 00-0018	EA		12" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	94.39 17.51	29.17
23 05 29 00-0019	EA		14" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	117.66 20.07	32.68
23 05 29 00-0020	EA		16" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	146.69 23.34	38.90
23 05 29 00-0021	EA		18" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	182.83 29.18	48.63
23 05 29 00-0022	EA		20" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	296.50 35.01	58.36
23 05 29 00-0023	EA		24" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	453.76 40.85	68.07
23 05 29 00-0024			Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) (23 05 29 00-0002)		
23 05 29 00-0025	EA		1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	19.35 4.20	7.00
23 05 29 00-0026	EA		3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	20.90 4.67	7.78
23 05 29 00-0027	EA		1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	21.86 4.91	7.78
23 05 29 00-0028	EA		1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	22.62 5.05	8.42
23 05 29 00-0029	EA		1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	23.11 5.05	8.42
23 05 29 00-0030	EA		2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	23.70 5.19	8.56
23 05 29 00-0031	EA		2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	26.54 5.34	8.87
23 05 29 00-0032	EA		3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	27.86 5.49	9.33
23 05 29 00-0033	EA		3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	31.23 6.22	10.90
23 05 29 00-0034	EA		4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	34.50 6.22	10.90
23 05 29 00-0035	EA		5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	56.72 7.82	13.03
23 05 29 00-0036	EA		6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	70.31 9.34	15.56
23 05 29 00-0037	EA		8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	83.71 11.67	19.46
23 05 29 00-0038			Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) (23 05 29 00-0002)		
23 05 29 00-0039	EA		1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	15.33 4.20	7.00
23 05 29 00-0040	EA		3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	16.91 4.67	7.78
23 05 29 00-0041	EA		1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	17.87 4.91	7.78
23 05 29 00-0042	EA		1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	18.36 5.05	8.42
23 05 29 00-0043	EA		1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	18.47 5.05	8.42
23 05 29 00-0044	EA		2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	19.00 5.19	8.56
23 05 29 00-0045	EA		2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	20.74 5.34	8.87
23 05 29 00-0046	EA		3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	21.67 5.49	9.33
23 05 29 00-0047	EA		3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	24.40 6.22	10.90
23 05 29 00-0048	EA		4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	25.17 6.22	10.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0091	EA		1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	19.73 5.31	8.85
23 05 29 00-0092	EA		2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	21.16 5.56	9.27
23 05 29 00-0093	EA		2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	24.39 5.81	9.69
23 05 29 00-0094	EA		3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	25.48 6.07	10.11
23 05 29 00-0095	EA		4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690)..... <i>For Work In Restricted Working Space, Add</i>	30.40 6.83	11.38
23 05 29 00-0096 Adjustable Swivel Steel Ring (Cooper B-Line B3170) (23 05 29 00-0085)					
Note: Type 10.					
23 05 29 00-0097	EA		1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	16.42 4.67	7.78
23 05 29 00-0098	EA		3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	17.32 4.91	7.78
23 05 29 00-0099	EA		1" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	18.23 5.19	8.56
23 05 29 00-0100	EA		1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	19.36 5.49	9.33
23 05 29 00-0101	EA		1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	21.79 6.22	10.90
23 05 29 00-0102	EA		2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	23.32 6.67	10.90
23 05 29 00-0103	EA		2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	25.73 7.18	11.67
23 05 29 00-0104	EA		3" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	27.80 7.78	13.22
23 05 29 00-0105	EA		3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	30.91 8.52 16.57 21.34	14.20
23 05 29 00-0106	EA		4" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i>	33.63 9.34	15.56
23 05 29 00-0107	EA		5" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	40.21 10.50 34.32 44.20	17.50
23 05 29 00-0108	EA		6" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	44.18 11.67 34.85 44.88	19.46
23 05 29 00-0109	EA		8" Adjustable Swivel Steel Ring (Cooper B-Line B3170)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	52.95 14.00 41.38 53.30	23.34
23 05 29 00-0110 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) (23 05 29 00-0085)					
23 05 29 00-0111	EA		1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	16.83 4.67 8.38 10.80	7.78
23 05 29 00-0112	EA		3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	17.65 4.91 8.38 10.80	7.78
23 05 29 00-0113	EA		1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	18.56 5.19 8.38 10.80	8.56
23 05 29 00-0114	EA		1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	19.58 5.49 8.38 10.80	9.33
23 05 29 00-0115	EA		1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	22.12 6.22 9.11 11.73	10.90
23 05 29 00-0116	EA		2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	23.60 6.67 9.11 11.73	10.90
23 05 29 00-0117	EA		2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	27.56 7.18 23.89 30.77	11.67
23 05 29 00-0118	EA		3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	30.42 7.78 29.63 38.17	13.22
23 05 29 00-0119	EA		3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT)..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	33.24 8.52 31.94 41.14	14.20

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0120	EA		4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	37.01	15.56
			<i>For Work In Restricted Working Space, Add</i>	9.34	
			<i>For 304 Stainless Steel, Add</i>	38.87	
			<i>For 316 Stainless Steel, Add</i>	50.07	
23 05 29 00-0121	EA		5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	40.99	17.50
			<i>For Work In Restricted Working Space, Add</i>	10.50	
			<i>For 304 Stainless Steel, Add</i>	39.47	
			<i>For 316 Stainless Steel, Add</i>	50.83	
23 05 29 00-0122	EA		6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	47.55	19.46
			<i>For Work In Restricted Working Space, Add</i>	11.67	
			<i>For 304 Stainless Steel, Add</i>	57.09	
			<i>For 316 Stainless Steel, Add</i>	73.53	
23 05 29 00-0123			Roller Hangers (23 05 29 00-0001)		
23 05 29 00-0124			Single Pipe Roll (Cooper B-Line B3114) (23 05 29 00-0123)		
			Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0125	EA		2" Single Pipe Roll (Cooper B-Line B3114).....	24.59	6.23
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	3.74	
23 05 29 00-0126	EA		2-1/2" Single Pipe Roll (Cooper B-Line B3114).....	27.06	7.00
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	4.20	
23 05 29 00-0127	EA		3" Single Pipe Roll (Cooper B-Line B3114).....	30.10	8.17
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	4.90	
23 05 29 00-0128	EA		3-1/2" Single Pipe Roll (Cooper B-Line B3114).....	34.64	9.34
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	5.60	
23 05 29 00-0129	EA		4" Single Pipe Roll (Cooper B-Line B3114).....	47.91	10.51
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	6.31	
23 05 29 00-0130	EA		5" Single Pipe Roll (Cooper B-Line B3114).....	42.73	11.68
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	7.01	
23 05 29 00-0131	EA		6" Single Pipe Roll (Cooper B-Line B3114).....	53.17	14.01
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	8.41	
23 05 29 00-0132	EA		8" Single Pipe Roll (Cooper B-Line B3114).....	71.72	16.34
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	9.81	
23 05 29 00-0133	EA		10" Single Pipe Roll (Cooper B-Line B3114).....	85.02	19.47
			Note: Excludes rod and nuts.		
			<i>For Work In Restricted Working Space, Add</i>	11.68	
23 05 29 00-0134			Adjustable Clevis Roller Hanger (Cooper B-Line B3110) (23 05 29 00-0123)		
			Note: Type 43.		
23 05 29 00-0135	EA		2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	36.64	11.00
			<i>For Work In Restricted Working Space, Add</i>	6.34	
23 05 29 00-0136	EA		2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	38.16	11.33
			<i>For Work In Restricted Working Space, Add</i>	6.80	
			<i>For 304 Stainless Steel, Add</i>	102.30	
			<i>For 316 Stainless Steel, Add</i>	131.75	
23 05 29 00-0137	EA		3" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	41.44	11.84
			<i>For Work In Restricted Working Space, Add</i>	7.25	
23 05 29 00-0138	EA		3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	48.37	12.69
			<i>For Work In Restricted Working Space, Add</i>	7.61	
			<i>For 304 Stainless Steel, Add</i>	151.87	
			<i>For 316 Stainless Steel, Add</i>	195.59	
23 05 29 00-0139	EA		4" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	51.19	14.38
			<i>For Work In Restricted Working Space, Add</i>	8.45	
23 05 29 00-0140	EA		5" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	57.80	15.48
			<i>For Work In Restricted Working Space, Add</i>	9.28	
			<i>For 304 Stainless Steel, Add</i>	177.28	
			<i>For 316 Stainless Steel, Add</i>	228.31	
23 05 29 00-0141	EA		6" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	67.18	16.91
			<i>For Work In Restricted Working Space, Add</i>	10.15	
23 05 29 00-0142	EA		8" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	92.20	21.14
			<i>For Work In Restricted Working Space, Add</i>	12.68	
23 05 29 00-0143	EA		10" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	115.85	28.75
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 05 29 00-0144	EA		12" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	150.86	31.71
			<i>For Work In Restricted Working Space, Add</i>	19.03	
23 05 29 00-0145	EA		14" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	315.02	36.36
			<i>For Work In Restricted Working Space, Add</i>	21.82	
23 05 29 00-0146	EA		16" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	395.57	42.28
			<i>For Work In Restricted Working Space, Add</i>	25.37	
23 05 29 00-0147			Roller Chair (Cooper B-Line B3120) (23 05 29 00-0123)		
23 05 29 00-0148	EA		2" Steel Roller Chair (Cooper B-Line B3120).....	35.62	11.00
			<i>For Work In Restricted Working Space, Add</i>	6.34	
23 05 29 00-0149	EA		2-1/2" Steel Roller Chair (Cooper B-Line B3120).....	38.38	11.33
			<i>For Work In Restricted Working Space, Add</i>	6.80	
23 05 29 00-0150	EA		3" Steel Roller Chair (Cooper B-Line B3120).....	40.23	11.84
			<i>For Work In Restricted Working Space, Add</i>	7.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0151	EA		3-1/2" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	45.84 7.61	12.69
23 05 29 00-0152	EA		4" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	51.08 8.45	14.38
23 05 29 00-0153	EA		5" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	55.82 9.28	15.48
23 05 29 00-0154	EA		6" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	68.47 10.15	16.91
23 05 29 00-0155	EA		8" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	89.12 12.68	21.14
23 05 29 00-0156	EA		10" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	115.13 16.91	28.75
23 05 29 00-0157	EA		12" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	148.99 19.03	31.71
23 05 29 00-0158	EA		14" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	162.47 21.82	36.36
23 05 29 00-0159	EA		16" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	195.96 25.37	42.28
23 05 29 00-0160	EA		18" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	264.32 31.71	52.84
23 05 29 00-0161	EA		20" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	327.16 38.05	63.42
23 05 29 00-0162			Adjustable Roller Support (Cooper B-Line B3122) <small>(23 05 29 00-0123)</small>		
23 05 29 00-0163	EA		2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	40.38 6.34	11.00
23 05 29 00-0164	EA		2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	45.42 6.80	11.33
23 05 29 00-0165	EA		3" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	47.75 7.25	11.84
23 05 29 00-0166	EA		3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	50.43 7.61	12.69
23 05 29 00-0167	EA		4" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	60.71 8.45	14.38
23 05 29 00-0168	EA		5" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	68.86 9.28	15.48
23 05 29 00-0169	EA		6" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	80.25 10.15	16.91
23 05 29 00-0170	EA		8" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	113.37 12.68	21.14
23 05 29 00-0171	EA		10" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	141.28 16.91	28.75
23 05 29 00-0172	EA		12" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	163.46 19.03	31.71
23 05 29 00-0173	EA		14" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	231.77 21.82	36.36
23 05 29 00-0174	EA		16" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	277.92 25.37	42.28
23 05 29 00-0175	EA		18" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	315.32 31.71	52.84
23 05 29 00-0176			Adjustable Double Roller Support (Cooper B-Line B3122A) <small>(23 05 29 00-0123)</small>		
23 05 29 00-0177	EA		2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	40.66 6.34	11.00
23 05 29 00-0178	EA		2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	45.67 6.80	11.33
23 05 29 00-0179	EA		3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	48.16 7.25	11.84
23 05 29 00-0180	EA		3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	50.07 7.61	12.69
23 05 29 00-0181	EA		4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	63.49 8.45	14.38
23 05 29 00-0182	EA		5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	72.14 9.28	15.48
23 05 29 00-0183	EA		6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	84.16 10.15	16.91
23 05 29 00-0184	EA		8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	119.43 12.68	21.14
23 05 29 00-0185	EA		10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	148.54 16.91	28.75
23 05 29 00-0186	EA		12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	171.97 19.03	31.71
23 05 29 00-0187	EA		14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	245.37 21.82	36.36
23 05 29 00-0188			Pipe And Riser Clamps <small>(23 05 29 00-0001)</small>		
23 05 29 00-0189			Steel Pipe Clamp (Cooper B-Line B3140) <small>(23 05 29 00-0188)</small> Note: Type 4.		
23 05 29 00-0190	EA		1/2" Steel Pipe Clamp (Cooper B-Line B3140)..... <i>For Work In Restricted Working Space, Add</i>	13.72 3.03	5.06
23 05 29 00-0191	EA		3/4" Steel Pipe Clamp (Cooper B-Line B3140)..... <i>For Work In Restricted Working Space, Add</i>	13.89 3.08	5.14
23 05 29 00-0192	EA		1" Steel Pipe Clamp (Cooper B-Line B3140)..... <i>For Work In Restricted Working Space, Add</i>	14.08 3.14	5.22

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0193	EA	1-1/4" Steel Pipe Clamp (Cooper B-Line B3140)	15.34	5.31
		<i>For Work In Restricted Working Space, Add</i>	3.18	
23 05 29 00-0194	EA	1-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	15.51	5.39
		<i>For Work In Restricted Working Space, Add</i>	3.23	
23 05 29 00-0195	EA	2" Steel Pipe Clamp (Cooper B-Line B3140)	16.52	5.47
		<i>For Work In Restricted Working Space, Add</i>	3.29	
23 05 29 00-0196	EA	2-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	17.18	5.64
		<i>For Work In Restricted Working Space, Add</i>	3.39	
23 05 29 00-0197	EA	3" Steel Pipe Clamp (Cooper B-Line B3140)	18.21	5.81
		<i>For Work In Restricted Working Space, Add</i>	3.49	
23 05 29 00-0198	EA	3-1/2" Steel Pipe Clamp (Cooper B-Line B3140)	21.10	5.89
		<i>For Work In Restricted Working Space, Add</i>	3.54	
23 05 29 00-0199	EA	4" Steel Pipe Clamp (Cooper B-Line B3140)	24.47	7.58
		<i>For Work In Restricted Working Space, Add</i>	4.55	
23 05 29 00-0200	EA	5" Steel Pipe Clamp (Cooper B-Line B3140)	35.08	10.11
		<i>For Work In Restricted Working Space, Add</i>	6.07	
23 05 29 00-0201	EA	6" Steel Pipe Clamp (Cooper B-Line B3140)	48.07	12.64
		<i>For Work In Restricted Working Space, Add</i>	7.58	
23 05 29 00-0202	EA	8" Steel Pipe Clamp (Cooper B-Line B3140)	56.57	14.75
		<i>For Work In Restricted Working Space, Add</i>	8.85	
23 05 29 00-0203	EA	10" Steel Pipe Clamp (Cooper B-Line B3140)	82.53	16.85
		<i>For Work In Restricted Working Space, Add</i>	10.11	
23 05 29 00-0204	EA	12" Steel Pipe Clamp (Cooper B-Line B3140)	112.59	18.54
		<i>For Work In Restricted Working Space, Add</i>	11.12	
23 05 29 00-0205	EA	14" Steel Pipe Clamp (Cooper B-Line B3140)	182.19	20.22
		<i>For Work In Restricted Working Space, Add</i>	12.14	
23 05 29 00-0206	EA	16" Steel Pipe Clamp (Cooper B-Line B3140)	197.48	21.91
		<i>For Work In Restricted Working Space, Add</i>	13.15	
23 05 29 00-0207	EA	18" Steel Pipe Clamp (Cooper B-Line B3140)	320.92	23.60
		<i>For Work In Restricted Working Space, Add</i>	14.16	
23 05 29 00-0208	EA	20" Steel Pipe Clamp (Cooper B-Line B3140)	371.13	25.28
		<i>For Work In Restricted Working Space, Add</i>	15.17	
23 05 29 00-0209	EA	24" Steel Pipe Clamp (Cooper B-Line B3140)	483.75	27.80
		<i>For Work In Restricted Working Space, Add</i>	16.69	

23 05 29 00-0210 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0188)

23 05 29 00-0211	EA	3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	28.12	5.45
		<i>For Work In Restricted Working Space, Add</i>	3.24	
23 05 29 00-0212	EA	4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	37.01	5.45
		<i>For Work In Restricted Working Space, Add</i>	3.24	
23 05 29 00-0213	EA	5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	40.65	5.64
		<i>For Work In Restricted Working Space, Add</i>	3.38	
23 05 29 00-0214	EA	6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	65.02	5.83
		<i>For Work In Restricted Working Space, Add</i>	3.52	
23 05 29 00-0215	EA	8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	70.76	6.22
		<i>For Work In Restricted Working Space, Add</i>	3.73	
23 05 29 00-0216	EA	10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	121.34	6.22
		<i>For Work In Restricted Working Space, Add</i>	3.72	
23 05 29 00-0217	EA	12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	196.49	7.00
		<i>For Work In Restricted Working Space, Add</i>	4.20	
23 05 29 00-0218	EA	14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	249.33	7.78
		<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0219	EA	16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	271.07	9.33
		<i>For Work In Restricted Working Space, Add</i>	5.60	
23 05 29 00-0220	EA	18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	843.61	10.90
		<i>For Work In Restricted Working Space, Add</i>	6.53	
23 05 29 00-0221	EA	20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	969.73	11.67
		<i>For Work In Restricted Working Space, Add</i>	7.00	
23 05 29 00-0222	EA	24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142)	1,242.20	12.45
		<i>For Work In Restricted Working Space, Add</i>	7.47	

23 05 29 00-0223 Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0188)

Note: Type 8.

23 05 29 00-0224	EA	1/2" Steel Riser Clamp (Cooper B-Line B3373)	13.84	4.67
		<i>For Work In Restricted Working Space, Add</i>	2.80	
23 05 29 00-0225	EA	3/4" Steel Riser Clamp (Cooper B-Line B3373)	14.43	4.74
		<i>For Work In Restricted Working Space, Add</i>	2.85	
23 05 29 00-0226	EA	1" Steel Riser Clamp (Cooper B-Line B3373)	14.63	4.82
		<i>For Work In Restricted Working Space, Add</i>	2.90	
23 05 29 00-0227	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)	15.84	4.90
		<i>For Work In Restricted Working Space, Add</i>	2.94	
23 05 29 00-0228	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)	16.46	4.97
		<i>For Work In Restricted Working Space, Add</i>	2.99	
23 05 29 00-0229	EA	2" Steel Riser Clamp (Cooper B-Line B3373)	16.85	5.06
		<i>For Work In Restricted Working Space, Add</i>	3.03	
23 05 29 00-0230	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)	17.58	5.22
		<i>For Work In Restricted Working Space, Add</i>	3.13	
23 05 29 00-0231	EA	3" Steel Riser Clamp (Cooper B-Line B3373)	18.63	5.37
		<i>For Work In Restricted Working Space, Add</i>	3.22	
23 05 29 00-0232	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)	20.51	5.45
		<i>For Work In Restricted Working Space, Add</i>	3.27	
23 05 29 00-0233	EA	4" Steel Riser Clamp (Cooper B-Line B3373)	24.89	7.00
		<i>For Work In Restricted Working Space, Add</i>	4.20	
23 05 29 00-0234	EA	5" Steel Riser Clamp (Cooper B-Line B3373)	32.16	9.33
		<i>For Work In Restricted Working Space, Add</i>	5.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0235	EA		6" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	40.79 7.00	11.67
23 05 29 00-0236	EA		8" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	55.80 8.17	13.61
23 05 29 00-0237	EA		10" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	73.39 9.34	15.56
23 05 29 00-0238	EA		12" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	88.84 10.27	17.12
23 05 29 00-0239	EA		14" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	119.50 11.21	18.67
23 05 29 00-0240	EA		16" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	227.99 12.14	20.23
23 05 29 00-0241			Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) (23 05 29 00-0188)		
23 05 29 00-0242	EA		1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	24.58 2.80	4.67
23 05 29 00-0243	EA		3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	24.97 2.85	4.74
23 05 29 00-0244	EA		1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	26.00 2.90	4.82
23 05 29 00-0245	EA		1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	27.81 2.94	4.90
23 05 29 00-0246	EA		1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	31.43 2.99	4.97
23 05 29 00-0247	EA		2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	33.39 3.03	5.06
23 05 29 00-0248	EA		2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	36.15 3.13	5.22
23 05 29 00-0249	EA		3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	39.74 3.22	5.37
23 05 29 00-0250	EA		4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	53.84 4.20	7.00
23 05 29 00-0251			Copper Tubing Riser Clamp (Cooper B-Line B3373CT) (23 05 29 00-0188)		
23 05 29 00-0252	EA		1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	16.06	4.67
23 05 29 00-0253	EA		3/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	16.23	4.74
23 05 29 00-0254	EA		1" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	16.38	4.82
23 05 29 00-0255	EA		1-1/4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	16.76	4.90
23 05 29 00-0256	EA		1-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	18.45	4.97
23 05 29 00-0257	EA		2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	19.06	5.06
23 05 29 00-0258	EA		2-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	20.96	5.22
23 05 29 00-0259	EA		3" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	22.92	5.37
23 05 29 00-0260	EA		3-1/2" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	27.09	5.45
23 05 29 00-0261	EA		4" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	30.36	7.00
23 05 29 00-0262	EA		5" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	40.39	9.33
23 05 29 00-0263	EA		6" Copper Tubing Riser Clamp (Cooper B-Line B3373CT).....	51.32	11.67
23 05 29 00-0264			Two Bolt Steel Underground Clamp (Cooper B-Line B3132) (23 05 29 00-0188)		
			Note: Type 42		
23 05 29 00-0265	EA		4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	55.56 3.24	5.45
23 05 29 00-0266	EA		6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	58.97 3.52	5.83
23 05 29 00-0267	EA		8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	64.77 3.73	6.22
23 05 29 00-0268	EA		10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	69.16 3.72	6.22
23 05 29 00-0269	EA		12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	83.69 4.20	7.00
23 05 29 00-0270	EA		14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	260.60 4.67	7.78
23 05 29 00-0271	EA		16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	349.18 5.60	9.33
23 05 29 00-0272	EA		18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	416.08 6.53	10.90
23 05 29 00-0273	EA		20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	135.91 7.00	11.67
23 05 29 00-0274	EA		24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	835.88 7.47	12.45
23 05 29 00-0275			Four Bolt Steel Underground Clamp (Cooper B-Line B3134) (23 05 29 00-0188)		
23 05 29 00-0276	EA		4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	51.27 3.24	5.45
23 05 29 00-0277	EA		6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	55.28 3.52	5.83
23 05 29 00-0278	EA		8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	96.82 3.73	6.22
23 05 29 00-0279	EA		10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	107.69 3.72	6.22
23 05 29 00-0280	EA		12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	154.74 4.20	7.00
23 05 29 00-0281	EA		14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	237.41 4.67	7.78

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0282	EA		16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	318.52 5.60	9.33
23 05 29 00-0283	EA		18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	379.12 6.53	10.90
23 05 29 00-0284	EA		20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	554.43 7.00	11.67
23 05 29 00-0285	EA		24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	759.03 7.47	12.45
23 05 29 00-0286			Split Pipe Clamps And Rings (23 05 29 00-0001)		
23 05 29 00-0287			Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) (23 05 29 00-0286) Note: Type 6.		
23 05 29 00-0288	EA		3/4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	23.00 4.30	7.16
23 05 29 00-0289	EA		1" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	24.35 4.55	7.58
23 05 29 00-0290	EA		1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	26.48 5.06	8.42
23 05 29 00-0291	EA		1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	28.53 5.31	8.85
23 05 29 00-0292	EA		2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	30.84 5.56	9.27
23 05 29 00-0293	EA		2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	38.12 5.81	9.69
23 05 29 00-0294	EA		3" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	41.85 6.07	10.11
23 05 29 00-0295	EA		4" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	55.75 6.83	11.38
23 05 29 00-0296	EA		5" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	70.90 8.60	14.33
23 05 29 00-0297	EA		6" Adjustable Swivel Ring (Cooper B-Line B3171)..... <i>For Work In Restricted Working Space, Add</i>	94.86 10.11	16.85
23 05 29 00-0298			Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) (23 05 29 00-0286) Note: Type 11.		
23 05 29 00-0299	EA		1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	14.89 3.62	5.92
23 05 29 00-0300	EA		3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	15.69 3.78	5.92
23 05 29 00-0301	EA		1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	17.28 4.23	7.61
23 05 29 00-0302	EA		1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	18.79 4.45	7.61
23 05 29 00-0303	EA		1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	21.01 4.61	7.61
23 05 29 00-0304	EA		2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	24.58 5.07	8.45
23 05 29 00-0305	EA		2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	32.93 5.28	8.45
23 05 29 00-0306	EA		3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	36.64 5.51	9.30
23 05 29 00-0307	EA		4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	39.00 6.04	10.15
23 05 29 00-0308			Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) (23 05 29 00-0286) Note: Type 12.		
23 05 29 00-0309	EA		1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	14.89 3.62	5.92
23 05 29 00-0310	EA		3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	15.69 3.78	6.34
23 05 29 00-0311	EA		1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	17.28 4.23	7.19
23 05 29 00-0312	EA		1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	18.79 4.45	7.61
23 05 29 00-0313	EA		1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	21.01 4.61	7.61
23 05 29 00-0314	EA		2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	24.58 5.07	8.45
23 05 29 00-0315	EA		2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	32.93 5.28	8.88
23 05 29 00-0316	EA		3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	36.64 5.51	9.30
23 05 29 00-0317			Pipe Straps (23 05 29 00-0001)		
23 05 29 00-0318			Standard Two Hole Pipe Strap, Steel (Cooper B-Line B-3180) (23 05 29 00-0317) Note: Type 26.		
23 05 29 00-0319	EA		1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)..... <i>For Work In Restricted Working Space, Add</i>	11.16 2.54	4.23
23 05 29 00-0320	EA		3/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)..... <i>For Work In Restricted Working Space, Add</i>	11.77 2.67	5.07
23 05 29 00-0321	EA		1" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180)..... <i>For Work In Restricted Working Space, Add</i>	12.33 2.82	5.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0322	EA		1-1/4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	12.99 2.98	5.07
23 05 29 00-0323	EA		1-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	13.72 3.17	5.92
23 05 29 00-0324	EA		2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	14.66 3.38	5.92
23 05 29 00-0325	EA		2-1/2" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	21.53 3.62	5.92
23 05 29 00-0326	EA		3" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	23.72 3.90	5.92
23 05 29 00-0327	EA		4" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	28.10 4.56	7.61
23 05 29 00-0328	EA		6" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	34.68 5.07	8.45
23 05 29 00-0329	EA		8" Standard Two Hole Pipe Strap, Plain Steel (Cooper B-Line B-3180) <i>For Work In Restricted Working Space, Add</i>	39.81 5.58	9.30
23 05 29 00-0330			2-Hole Copper Straps (23 05 29 00-0317)		
23 05 29 00-0331	EA		1/2" 2-Hole Copper Straps <i>For Work In Restricted Working Space, Add</i>	4.41 1.27	
23 05 29 00-0332	EA		3/4" 2-Hole Copper Straps <i>For Work In Restricted Working Space, Add</i>	4.74 1.33	
23 05 29 00-0333	EA		1" 2-Hole Copper Straps <i>For Work In Restricted Working Space, Add</i>	2.27 0.58	
23 05 29 00-0334			Black Malleable Iron Clamps, 1 Hole (23 05 29 00-0317)		
23 05 29 00-0335	EA		1/2" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	2.01 0.42	
23 05 29 00-0336	EA		3/4" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	2.21 0.45	
23 05 29 00-0337	EA		1" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	2.69 0.49	
23 05 29 00-0338	EA		1-1/4" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	3.11 0.53	
23 05 29 00-0339	EA		1-1/2" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	3.52 0.58	
23 05 29 00-0340	EA		2" Galvanized Steel Strap, 1 Hole <i>For Work In Restricted Working Space, Add</i>	4.65 0.63	
23 05 29 00-0341			Pipe and Equipment Support Brackets (23 05 29 00-0001)		
23 05 29 00-0342			Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) (23 05 29 00-0341) Note: Up to 750# load.		
23 05 29 00-0343	EA		9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.07 14.88 5.60	9.33
23 05 29 00-0344	EA		13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.43 15.15 5.60	9.33
23 05 29 00-0345	EA		19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.81 16.23 5.60	9.33
23 05 29 00-0346			Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) (23 05 29 00-0341) Note: Up to 1500# load.		
23 05 29 00-0347	EA		12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	224.52 41.17 5.60	9.33
23 05 29 00-0348	EA		18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	263.22 48.91 5.60	9.33
23 05 29 00-0349	EA		24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.13 64.69 5.60	9.33
23 05 29 00-0350			Sway Bracing For No Hub Pipe (23 05 29 00-0001)		
23 05 29 00-0351	EA		1-1/2" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	82.99 6.14	10.27
23 05 29 00-0352	EA		2" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	85.62 6.48	10.82
23 05 29 00-0353	EA		3" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	88.79 6.86	11.44
23 05 29 00-0354	EA		4" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	100.78 7.78	12.99
23 05 29 00-0355	EA		6" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	148.05 11.67	19.46
23 05 29 00-0356	EA		8" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	165.19 14.59	24.28
23 05 29 00-0357	EA		10" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	188.36 19.45	32.45

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0358	Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) <small>(23 05 29 00-0001)</small>		
	Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0359	EA 23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	116.06	7.78
	<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0360	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	118.94	8.56
	<i>For Work In Restricted Working Space, Add</i>	5.14	
23 05 29 00-0361	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	204.80	9.73
	<i>For Work In Restricted Working Space, Add</i>	5.84	
23 05 29 00-0362	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	260.06	10.90
	<i>For Work In Restricted Working Space, Add</i>	6.53	
23 05 29 00-0363	EA 24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	264.21	12.06
	<i>For Work In Restricted Working Space, Add</i>	7.24	
23 05 29 00-0364	EA 25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	287.21	13.61
	<i>For Work In Restricted Working Space, Add</i>	8.17	
23 05 29 00-0365	EA 25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	346.32	14.78
	<i>For Work In Restricted Working Space, Add</i>	8.87	
23 05 29 00-0366	EA 25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	351.04	15.95
	<i>For Work In Restricted Working Space, Add</i>	9.57	
23 05 29 00-0367	EA 26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	357.15	17.50
	<i>For Work In Restricted Working Space, Add</i>	10.50	
23 05 29 00-0368	EA 28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	370.85	19.06
	<i>For Work In Restricted Working Space, Add</i>	11.44	
23 05 29 00-0369	EA 29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	394.38	21.01
	<i>For Work In Restricted Working Space, Add</i>	12.60	
23 05 29 00-0370	EA 30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	406.77	23.34
	<i>For Work In Restricted Working Space, Add</i>	14.00	
23 05 29 00-0371	EA 32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	494.67	25.68
	<i>For Work In Restricted Working Space, Add</i>	15.41	
23 05 29 00-0372	EA 33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	534.70	28.79
	<i>For Work In Restricted Working Space, Add</i>	17.27	
23 05 29 00-0373	EA 35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	757.66	31.90
	<i>For Work In Restricted Working Space, Add</i>	19.14	
23 05 29 00-0374	EA 36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	903.93	35.01
	<i>For Work In Restricted Working Space, Add</i>	21.01	
23 05 29 00-0375	EA 39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle)	1,059.32	38.12
	<i>For Work In Restricted Working Space, Add</i>	22.88	
23 05 29 00-0376	Pipe Isolators Wrap At Hanger <small>(23 05 29 00-0001)</small>		
	Note: Superstrut S-176.		
23 05 29 00-0377	LF Pipe Isolator Wrap (Cooper B-LINE B-1999)	4.36	
23 05 29 00-0378	Channel Mounted Cushion Clamp <small>(23 05 29 00-0001)</small>		
	Note: Includes fastening into channel.		
23 05 29 00-0379	EA 1/2" Channel Mounted Cushion Clamp For 3/8" Pipe	10.64	3.50
23 05 29 00-0380	EA 5/8" Channel Mounted Cushion Clamp For 1/2" Pipe	11.20	3.89
23 05 29 00-0381	EA 7/8" Channel Mounted Cushion Clamp For 3/4" Pipe	12.15	4.09
23 05 29 00-0382	EA 1-1/8" Channel Mounted Cushion Clamp For 1" Pipe	13.14	4.28
23 05 29 00-0383	EA 1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe	14.83	4.67
23 05 29 00-0384	EA 1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe	16.33	4.86
23 05 29 00-0385	EA 2-1/8" Channel Mounted Cushion Clamp For 2" Pipe	21.92	5.06
23 05 29 00-0386	EA 2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe	25.49	5.45
23 05 29 00-0387	EA 3-1/8" Channel Mounted Cushion Clamp For 3" Pipe	32.59	6.22
23 05 29 00-0388	EA 4-1/8" Channel Mounted Cushion Clamp For 4" Pipe	46.65	7.00
23 05 29 00-0389	Galvanized Steel Cushion Tube Clamp <small>(23 05 29 00-0001)</small>		
	Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0390	EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe	2.80	
	Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0391	EA 1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe	2.87	
	Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw		
23 05 29 00-0392	EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe	2.92	
	Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw		
23 05 29 00-0393	EA 5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe	3.03	
	Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0394	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe..... Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.89	
23 05 29 00-0395	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe..... Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.10	
23 05 29 00-0396	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe..... Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	2.97	
23 05 29 00-0397	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe..... Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.22	
23 05 29 00-0398	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	3.23	
23 05 29 00-0399	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.08	
23 05 29 00-0400	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.20	
23 05 29 00-0401	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.54	
23 05 29 00-0402	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.21	
23 05 29 00-0403	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	3.43	
23 05 29 00-0404	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	3.80	
23 05 29 00-0405	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe..... Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	3.84	
23 05 29 00-0406	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	4.04	
23 05 29 00-0407	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	4.44	
23 05 29 00-0408	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.57	
23 05 29 00-0409	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.17	
23 05 29 00-0410	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.22	
23 05 29 00-0411	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe..... Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.69	
23 05 29 00-0412	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe..... Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.17	
23 05 29 00-0413	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.46	
23 05 29 00-0414	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.85	
23 05 29 00-0415	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.14	
23 05 29 00-0416	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.27	
23 05 29 00-0417	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe..... Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.81	
23 05 29 00-0418	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe..... Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.24	
23 05 29 00-0419	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe..... Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.52	
23 05 29 00-0420		Rooftop Pipe Supports <small>(23 05 29 00-0001)</small> Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0421		Rooftop Support Base <small>(23 05 29 00-0420)</small>		
23 05 29 00-0422	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM).....	26.30	6.34
23 05 29 00-0423	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP).....	37.89	8.45
23 05 29 00-0424		Rooftop Support Base With 14 Gauge Galvanized Channel <small>(23 05 29 00-0420)</small>		
23 05 29 00-0425	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5).....	33.55	6.34
23 05 29 00-0426	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10).....	48.76	8.45
23 05 29 00-0427	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20).....	87.95	10.57
23 05 29 00-0428	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30).....	116.96	12.68
23 05 29 00-0429	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40).....	138.02	14.80
23 05 29 00-0430	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48).....	162.36	16.90
23 05 29 00-0431		Rooftop Support Base With 12 Gauge Galvanized Channel <small>(23 05 29 00-0420)</small>		
23 05 29 00-0432	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610).....	57.18	8.45
23 05 29 00-0433	EA	6-7/16" x 6" x 20.2" Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620).....	104.67	10.57
23 05 29 00-0434	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630).....	139.87	12.68
23 05 29 00-0435	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640).....	215.79	14.80
23 05 29 00-0436	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648).....	246.06	12.68
23 05 29 00-0437		Rooftop Bridge Support Base With 12 Gauge Galvanized Channel <small>(23 05 29 00-0420)</small>		
23 05 29 00-0438	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28).....	109.47	12.68
23 05 29 00-0439	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36).....	122.82	14.80
23 05 29 00-0440	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42).....	128.69	16.90

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0441	EA		5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50).....	139.35	19.01
23 05 29 00-0442	EA		5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60).....	153.28	21.13
23 05 29 00-0443			Rooftop Pipe Support Base And Rod (23 05 29 00-0420)		
23 05 29 00-0444	EA		9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT).....	63.61	8.45
23 05 29 00-0445	EA		9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT).....	63.61	8.45
23 05 29 00-0446	EA		9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT).....	64.08	8.45
23 05 29 00-0447	EA		10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT).....	68.66	10.57
23 05 29 00-0448	EA		10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT).....	68.77	10.57
23 05 29 00-0449	EA		10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT).....	69.36	10.57
23 05 29 00-0450			Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (23 05 29 00-0420)		
23 05 29 00-0451	EA		7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2).....	102.43	8.45
23 05 29 00-0452	EA		7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6).....	115.05	8.45
23 05 29 00-0453	EA		8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10).....	151.09	10.57
23 05 29 00-0454	EA		9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14).....	212.70	10.57
23 05 29 00-0455	EA		9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20).....	277.13	10.57
23 05 29 00-0456			Rooftop Support Base And Adjustable Height Roller Assembly (23 05 29 00-0420) Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0457	EA		Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12).....	100.47	12.68
23 05 29 00-0458			Rooftop Support Base And Adjustable Height Channel Assembly (23 05 29 00-0420) Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0459	EA		Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8).....	74.62	10.57
23 05 29 00-0460	EA		Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12).....	94.51	12.68
23 05 29 00-0461	EA		Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16).....	107.39	14.80
23 05 29 00-0462			Rooftop Support Bases With Channel Support And Risers Assembly (23 05 29 00-0420) Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0463	EA		23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS).....	312.02	16.90
23 05 29 00-0464	EA		29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS).....	315.53	16.90
23 05 29 00-0465	EA		41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS).....	328.27	16.90
23 05 29 00-0466	EA		53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS).....	357.04	16.90
23 05 29 00-0467	EA		23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS).....	314.13	16.90
23 05 29 00-0468	EA		29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS).....	317.87	16.90
23 05 29 00-0469	EA		41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS).....	330.26	16.90
23 05 29 00-0470	EA		53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS).....	359.14	16.90
23 05 29 00-0471	EA		23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS).....	320.09	16.90
23 05 29 00-0472	EA		29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS).....	324.06	16.90
23 05 29 00-0473	EA		41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS).....	336.57	16.90
23 05 29 00-0474	EA		53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS).....	365.34	16.90
23 05 29 00-0475	EA		23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS).....	334.59	16.90
23 05 29 00-0476	EA		29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS).....	338.45	16.90
23 05 29 00-0477	EA		41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS).....	350.60	16.90
23 05 29 00-0478	EA		53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS).....	379.60	16.90
23 05 29 00-0479			Threaded Rod, Accessories And Attachments (23 05 29)		
23 05 29 00-0480			Threaded Rod And Rod Accessories (23 05 29 00-0479)		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0481		Threaded Rod (23 05 29 00-0480) Note: Fully threaded.		
23 05 29 00-0482	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.35	0.53
		For Galvanized, Add	0.52	
		For Zinc Plated, Add	0.37	
		For Work In Restricted Working Space, Add	0.32	
23 05 29 00-0483	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.18	0.56
		For Galvanized, Add	0.82	
		For Zinc Plated, Add	0.58	
		For Work In Restricted Working Space, Add	0.34	
23 05 29 00-0484	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.35	0.58
		For Galvanized, Add	1.27	
		For Zinc Plated, Add	0.91	
		For Work In Restricted Working Space, Add	0.35	
23 05 29 00-0485	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	6.98	0.60
		For Galvanized, Add	2.31	
		For Zinc Plated, Add	1.65	
		For Work In Restricted Working Space, Add	0.36	
23 05 29 00-0486	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.59	0.62
		For Galvanized, Add	2.54	
		For Zinc Plated, Add	1.81	
		For Work In Restricted Working Space, Add	0.37	
23 05 29 00-0487	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.33	0.70
		For Galvanized, Add	3.57	
		For Zinc Plated, Add	2.54	
		For Work In Restricted Working Space, Add	0.42	
23 05 29 00-0488	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.81	0.79
		For Galvanized, Add	4.50	
		For Zinc Plated, Add	3.21	
		For Work In Restricted Working Space, Add	0.47	
23 05 29 00-0489		Rod Couplings (23 05 29 00-0480)		
23 05 29 00-0490	EA	3/8" Diameter, Threaded Rod Coupling Nut	6.08	
		For Work In Restricted Working Space, Add	1.56	
23 05 29 00-0491	EA	1/2" Diameter, Threaded Rod Coupling Nut	6.88	
		For Work In Restricted Working Space, Add	1.73	
23 05 29 00-0492	EA	5/8" Diameter, Threaded Rod Coupling Nut	8.47	
		For Work In Restricted Working Space, Add	1.95	
23 05 29 00-0493	EA	3/4" Diameter, Threaded Rod Coupling Nut	10.17	
		For Work In Restricted Working Space, Add	2.12	
23 05 29 00-0494	EA	7/8" Diameter, Threaded Rod Coupling Nut	14.45	
		For Work In Restricted Working Space, Add	2.34	
23 05 29 00-0495	EA	1" Diameter, Threaded Rod Coupling Nut	17.12	
		For Work In Restricted Working Space, Add	2.75	
23 05 29 00-0496	EA	1-1/8" Diameter, Threaded Rod Coupling Nut	31.46	
		For Work In Restricted Working Space, Add	3.11	
23 05 29 00-0497		Flat Washers (23 05 29 00-0480) Note: Zinc plated.		
23 05 29 00-0498	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.43	0.17
		For Galvanized, Add	0.02	
		For Work In Restricted Working Space, Add	0.11	
23 05 29 00-0499	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.57	0.17
		For Galvanized, Add	0.04	
		For Work In Restricted Working Space, Add	0.12	
23 05 29 00-0500	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.80	0.25
		For Galvanized, Add	0.08	
		For Work In Restricted Working Space, Add	0.14	
23 05 29 00-0501	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.07	0.25
		For Galvanized, Add	0.12	
		For Work In Restricted Working Space, Add	0.18	
23 05 29 00-0502	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.26	0.34
		For Galvanized, Add	0.14	
		For Work In Restricted Working Space, Add	0.21	
23 05 29 00-0503	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.47	0.34
		For Galvanized, Add	0.17	
		For Work In Restricted Working Space, Add	0.24	
23 05 29 00-0504	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.65	0.42
		For Galvanized, Add	0.19	
		For Work In Restricted Working Space, Add	0.26	
23 05 29 00-0505		Hex Nuts (23 05 29 00-0480) Note: Grade 2 and zinc plated.		
23 05 29 00-0506	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.54	0.21
		For Galvanized, Add	0.02	
		For Work In Restricted Working Space, Add	0.14	
23 05 29 00-0507	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.66	0.21
		For Galvanized, Add	0.04	
		For Work In Restricted Working Space, Add	0.16	
23 05 29 00-0508	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.21
		For Galvanized, Add	0.08	
		For Work In Restricted Working Space, Add	0.17	
23 05 29 00-0509	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.02	0.42
		For Galvanized, Add	0.11	
		For Work In Restricted Working Space, Add	0.17	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0510	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.44	0.42
			<i>For Galvanized, Add</i>	0.21	
			<i>For Work In Restricted Working Space, Add</i>	0.19	
23 05 29 00-0511	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.82	0.42
			<i>For Galvanized, Add</i>	0.28	
			<i>For Work In Restricted Working Space, Add</i>	0.21	
23 05 29 00-0512	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.91	0.42
			<i>For Galvanized, Add</i>	0.53	
			<i>For Work In Restricted Working Space, Add</i>	0.24	
23 05 29 00-0513			Turnbuckle (Cooper B-Line B3202) (23 05 29 00-0480)		
			Note: Type 13.		
23 05 29 00-0514	EA		3/8" Turnbuckle (Cooper B-Line B3202).....	20.56	4.23
			<i>For Work In Restricted Working Space, Add</i>	2.54	
23 05 29 00-0515	EA		1/2" Turnbuckle (Cooper B-Line B3202).....	24.45	4.65
			<i>For Work In Restricted Working Space, Add</i>	2.82	
23 05 29 00-0516	EA		5/8" Turnbuckle (Cooper B-Line B3202).....	26.31	5.07
			<i>For Work In Restricted Working Space, Add</i>	3.17	
23 05 29 00-0517	EA		3/4" Turnbuckle (Cooper B-Line B3202).....	33.16	5.92
			<i>For Work In Restricted Working Space, Add</i>	3.62	
23 05 29 00-0518	EA		7/8" Turnbuckle (Cooper B-Line B3202).....	43.00	6.34
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 05 29 00-0519	EA		1" Turnbuckle (Cooper B-Line B3202).....	53.39	6.77
			<i>For Work In Restricted Working Space, Add</i>	5.07	
23 05 29 00-0520	EA		1-1/8" Turnbuckle (Cooper B-Line B3202).....	74.16	7.61
			<i>For Work In Restricted Working Space, Add</i>	6.34	
23 05 29 00-0521			Swivel Turnbuckle (Cooper B-Line B3224) (23 05 29 00-0480)		
			Note: Type 15.		
23 05 29 00-0522	EA		3/8" Swivel Turnbuckle (Cooper B-Line B3224).....	12.91	4.23
			<i>For Work In Restricted Working Space, Add</i>	2.54	
23 05 29 00-0523	EA		1/2" Swivel Turnbuckle (Cooper B-Line B3224).....	14.95	4.73
			<i>For Work In Restricted Working Space, Add</i>	2.82	
23 05 29 00-0524	EA		5/8" Swivel Turnbuckle (Cooper B-Line B3224).....	19.90	5.25
			<i>For Work In Restricted Working Space, Add</i>	3.17	
23 05 29 00-0525	EA		3/4" Swivel Turnbuckle (Cooper B-Line B3224).....	24.08	6.00
			<i>For Work In Restricted Working Space, Add</i>	3.62	
23 05 29 00-0526			Forged Steel Clevis (Cooper B-Line B3201) (23 05 29 00-0480)		
			Note: Type 14.		
23 05 29 00-0527	EA		3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201).....	69.01	7.78
			<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0528	EA		4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201).....	102.06	8.17
			<i>For Work In Restricted Working Space, Add</i>	4.91	
23 05 29 00-0529	EA		5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201).....	110.40	8.56
			<i>For Work In Restricted Working Space, Add</i>	5.19	
23 05 29 00-0530	EA		5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201).....	114.95	9.33
			<i>For Work In Restricted Working Space, Add</i>	5.49	
23 05 29 00-0531	EA		5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201).....	120.92	10.50
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 05 29 00-0532	EA		6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201).....	201.79	13.61
			<i>For Work In Restricted Working Space, Add</i>	8.17	
23 05 29 00-0533	EA		5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201).....	218.96	15.56
			<i>For Work In Restricted Working Space, Add</i>	9.34	
23 05 29 00-0534	EA		7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201).....	258.04	19.46
			<i>For Work In Restricted Working Space, Add</i>	11.67	
23 05 29 00-0535			Welded Eye Rod (Cooper B-Line B3211) (23 05 29 00-0480)		
23 05 29 00-0536	EA		3/8" Diameter x 8" Length Shank, Welded Eye Rod.....	20.41	4.56
			<i>For Work In Restricted Working Space, Add</i>	2.75	
23 05 29 00-0537	EA		3/8" Diameter x 10" Length Shank, Welded Eye Rod.....	21.08	4.65
			<i>For Work In Restricted Working Space, Add</i>	2.80	
23 05 29 00-0538	EA		3/8" Diameter x 12" Length Shank, Welded Eye Rod.....	21.74	4.73
			<i>For Work In Restricted Working Space, Add</i>	2.85	
23 05 29 00-0539	EA		3/8" Diameter x 14" Length Shank, Welded Eye Rod.....	21.91	4.82
			<i>For Work In Restricted Working Space, Add</i>	2.90	
23 05 29 00-0540	EA		3/8" Diameter x 18" Length Shank, Welded Eye Rod.....	23.25	4.98
			<i>For Work In Restricted Working Space, Add</i>	3.02	
23 05 29 00-0541	EA		3/8" Diameter x 24" Length Shank, Welded Eye Rod.....	24.77	5.32
			<i>For Work In Restricted Working Space, Add</i>	3.17	
23 05 29 00-0542	EA		3/8" Diameter x 30" Length Shank, Welded Eye Rod.....	25.77	5.58
			<i>For Work In Restricted Working Space, Add</i>	3.33	
23 05 29 00-0543	EA		3/8" Diameter x 36" Length Shank, Welded Eye Rod.....	27.78	5.83
			<i>For Work In Restricted Working Space, Add</i>	3.49	
23 05 29 00-0544	EA		3/8" Diameter x 42" Length Shank, Welded Eye Rod.....	29.28	6.09
			<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0545	EA		3/8" Diameter x 48" Length Shank, Welded Eye Rod.....	30.79	6.34
			<i>For Work In Restricted Working Space, Add</i>	3.80	
23 05 29 00-0546	EA		1/2" Diameter x 8" Length Shank, Welded Eye Rod.....	27.26	5.07
			<i>For Work In Restricted Working Space, Add</i>	3.04	
23 05 29 00-0547	EA		1/2" Diameter x 10" Length Shank, Welded Eye Rod.....	27.92	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 05 29 00-0548	EA		1/2" Diameter x 12" Length Shank, Welded Eye Rod.....	28.62	5.25
			<i>For Work In Restricted Working Space, Add</i>	3.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0549	EA		1/2" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	29.28 3.21	5.33
23 05 29 00-0550	EA		1/2" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	30.64 3.32	5.50
23 05 29 00-0551	EA		1/2" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	33.15 3.49	5.83
23 05 29 00-0552	EA		1/2" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	35.19 3.66	6.09
23 05 29 00-0553	EA		1/2" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	37.71 3.83	6.34
23 05 29 00-0554	EA		1/2" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	39.72 4.00	6.68
23 05 29 00-0555	EA		1/2" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	41.77 4.17	6.94
23 05 29 00-0556	EA		5/8" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	36.79 3.41	5.67
23 05 29 00-0557	EA		5/8" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	37.94 3.46	5.75
23 05 29 00-0558	EA		5/8" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	39.13 3.52	5.83
23 05 29 00-0559	EA		5/8" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	39.81 3.58	6.00
23 05 29 00-0560	EA		5/8" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	41.66 3.69	6.17
23 05 29 00-0561	EA		5/8" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	44.69 3.87	6.42
23 05 29 00-0562	EA		5/8" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	47.71 4.04	6.77
23 05 29 00-0563	EA		5/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	50.26 4.22	7.02
23 05 29 00-0564	EA		5/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	53.28 4.40	7.36
23 05 29 00-0565	EA		5/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.30 4.57	7.61
23 05 29 00-0566	EA		3/4" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	45.17 3.87	6.42
23 05 29 00-0567	EA		3/4" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	46.84 3.93	6.51
23 05 29 00-0568	EA		3/4" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	48.01 3.99	6.68
23 05 29 00-0569	EA		3/4" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	49.68 4.05	6.77
23 05 29 00-0570	EA		3/4" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	52.53 4.17	6.94
23 05 29 00-0571	EA		3/4" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.54 4.35	7.27
23 05 29 00-0572	EA		3/4" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	60.56 4.53	7.52
23 05 29 00-0573	EA		3/4" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	65.09 4.71	7.86
23 05 29 00-0574	EA		3/4" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	69.58 4.89	8.12
23 05 29 00-0575	EA		3/4" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	73.61 5.07	8.46
23 05 29 00-0576	EA		7/8" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	54.07 4.49	7.44
23 05 29 00-0577	EA		7/8" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.23 4.55	7.61
23 05 29 00-0578	EA		7/8" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	57.92 4.61	7.69
23 05 29 00-0579	EA		7/8" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	59.59 4.68	7.78
23 05 29 00-0580	EA		7/8" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	62.95 4.80	8.04
23 05 29 00-0581	EA		7/8" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	68.45 4.99	8.29
23 05 29 00-0582	EA		7/8" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	73.48 5.18	8.63
23 05 29 00-0583	EA		7/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	78.99 5.36	8.96
23 05 29 00-0584	EA		7/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	84.02 5.55	9.21
23 05 29 00-0585	EA		7/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	89.04 5.74	9.56
23 05 29 00-0586	EA		1" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	67.73 5.36	8.96
23 05 29 00-0587	EA		1" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	69.91 5.42	9.04
23 05 29 00-0588	EA		1" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	72.12 5.50	9.13
23 05 29 00-0589	EA		1" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	74.30 5.57	9.30
23 05 29 00-0590	EA		1" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	78.66 5.71	9.56
23 05 29 00-0591	EA		1" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	85.25 5.92	9.89
23 05 29 00-0592	EA		1" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	91.84 6.13	10.23

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0593	EA		1" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	98.87 6.34	10.57
23 05 29 00-0594	EA		1" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	105.44 6.55	10.90
23 05 29 00-0595	EA		1" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	112.03 6.77	11.25
23 05 29 00-0596			Welded Linked Eye Rod (Cooper B-Line B3211X) <small>(23 05 29 00-0480)</small>		
23 05 29 00-0597	EA		3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	42.69 3.72	6.17
23 05 29 00-0598	EA		3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	43.83 3.82	6.34
23 05 29 00-0599	EA		3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	45.00 3.93	6.59
23 05 29 00-0600	EA		3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	45.53 4.09	6.84
23 05 29 00-0601	EA		3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	47.67 4.25	7.10
23 05 29 00-0602	EA		3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	50.38 4.56	7.61
23 05 29 00-0603	EA		3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	52.24 4.88	8.11
23 05 29 00-0604	EA		3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	55.75 5.20	8.71
23 05 29 00-0605	EA		1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	55.16 4.11	6.85
23 05 29 00-0606	EA		1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.35 4.22	7.02
23 05 29 00-0607	EA		1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	57.57 4.34	7.19
23 05 29 00-0608	EA		1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	58.93 4.50	7.52
23 05 29 00-0609	EA		1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	61.12 4.67	7.78
23 05 29 00-0610	EA		1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	65.49 5.01	8.37
23 05 29 00-0611	EA		1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	69.08 5.35	8.88
23 05 29 00-0612	EA		1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	73.47 5.69	9.46
23 05 29 00-0613	EA		5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	73.85 4.59	7.61
23 05 29 00-0614	EA		5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	75.85 4.71	7.86
23 05 29 00-0615	EA		5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	77.87 4.82	8.04
23 05 29 00-0616	EA		5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	79.28 5.00	8.37
23 05 29 00-0617	EA		5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	82.31 5.17	8.63
23 05 29 00-0618	EA		5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	87.56 5.52	9.21
23 05 29 00-0619	EA		5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	92.78 5.87	9.81
23 05 29 00-0620	EA		5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	97.21 6.22	10.40
23 05 29 00-0621	EA		3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	93.37 5.20	8.63
23 05 29 00-0622	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	96.24 5.32	8.88
23 05 29 00-0623	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	98.26 5.44	9.04
23 05 29 00-0624	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	101.30 5.62	9.38
23 05 29 00-0625	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	105.98 5.80	9.64
23 05 29 00-0626	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	112.87 6.16	10.23
23 05 29 00-0627	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	119.77 6.52	10.82
23 05 29 00-0628	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	127.51 6.88	11.50
23 05 29 00-0629	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	112.15 6.01	9.98
23 05 29 00-0630	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	115.84 6.13	10.23
23 05 29 00-0631	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	118.71 6.26	10.40
23 05 29 00-0632	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	121.77 6.45	10.73
23 05 29 00-0633	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	127.30 6.63	11.08
23 05 29 00-0634	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	136.69 7.01	11.67
23 05 29 00-0635	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	145.27 7.38	12.34
23 05 29 00-0636	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	154.67 7.76	12.94

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0637	EA	1" Diameter x 16" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	142.87 7.16	11.92
23 05 29 00-0638	EA	1" Diameter x 20" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	146.61 7.30	12.17
23 05 29 00-0639	EA	1" Diameter x 24" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	150.33 7.44	12.43
23 05 29 00-0640	EA	1" Diameter x 30" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	154.31 7.65	12.77
23 05 29 00-0641	EA	1" Diameter x 36" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	161.50 7.86	13.11
23 05 29 00-0642	EA	1" Diameter x 48" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	172.70 8.29	13.78
23 05 29 00-0643	EA	1" Diameter x 60" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	183.92 8.71	14.54
23 05 29 00-0644	EA	1" Diameter x 72" Length Shank, Linked Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	195.87 9.13	15.21
23 05 29 00-0645		Attachments <small>(23 05 29 00-0479)</small>		
23 05 29 00-0646		Welded Beam Attachments (B-Line B-3083) <small>(23 05 29 00-0645)</small> Note: Type 22.		
23 05 29 00-0647	EA	3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	34.27 4.73	7.88
23 05 29 00-0648	EA	1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	36.57 4.98	8.27
23 05 29 00-0649	EA	5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	38.92 5.25	8.75
23 05 29 00-0650	EA	3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	49.56 5.56	9.30
23 05 29 00-0651	EA	7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	59.40 5.91	9.85
23 05 29 00-0652	EA	1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	83.10 6.75	11.27
23 05 29 00-0653	EA	1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083)..... <i>For Work In Restricted Working Space, Add</i>	117.46 7.09	11.82
23 05 29 00-0654		C-Clamp Style Beam Clamps (B-Line B-3034) <small>(23 05 29 00-0645)</small> Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0655	EA	3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	12.84 3.17	4.31
23 05 29 00-0656	EA	1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	15.20 3.38	5.50
23 05 29 00-0657	EA	5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	17.18 3.62	5.92
23 05 29 00-0658	EA	3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	21.86 3.90	6.34
23 05 29 00-0659	EA	7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034)..... <i>For Work In Restricted Working Space, Add</i>	31.29 4.23	6.77
23 05 29 00-0660		Bottom Mount I-Beam Clamps (B-Line B-3055) <small>(23 05 29 00-0645)</small> Note: Type 21. For attaching threaded rod centered under beam flanges.		
23 05 29 00-0661	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	33.98 4.23	5.92
23 05 29 00-0662	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	49.46 4.61	7.61
23 05 29 00-0663	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	70.19 5.07	8.46
23 05 29 00-0664	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	83.89 5.64	9.30
23 05 29 00-0665	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055)..... <i>For Work In Restricted Working Space, Add</i>	200.88 6.34	10.15
23 05 29 00-0666		Steel U-Bolts (B-Line B-3188) <small>(23 05 29 00-0645)</small> Note: Type 24. Includes plate and nuts.		
23 05 29 00-0667	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	10.44 2.54	2.11
23 05 29 00-0668	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	11.31 2.67	2.54
23 05 29 00-0669	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	12.15 2.82	2.54
23 05 29 00-0670	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	13.75 2.98	2.54
23 05 29 00-0671	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	14.23 3.17	2.96
23 05 29 00-0672	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	15.22 3.38	2.96
23 05 29 00-0673	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	21.55 3.62	2.96
23 05 29 00-0674	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	23.72 3.90	3.38
23 05 29 00-0675	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188)..... <i>For Work In Restricted Working Space, Add</i>	28.52 4.23	3.80

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0676	Copper Standoff Brackets With Flange (23 05 29 00-0645)		
	Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0677	EA Clamp Size 1/2", Copper Standoff Brackets With Flange	25.55	12.09
	For Work In Restricted Working Space, Add	7.25	
23 05 29 00-0678	EA Clamp Size 3/4", Copper Standoff Brackets With Flange	25.63	12.09
	For Work In Restricted Working Space, Add	7.25	
23 05 29 00-0679	EA Clamp Size 1", Copper Standoff Brackets With Flange	25.72	12.09
	For Work In Restricted Working Space, Add	7.25	
23 05 29 00-0680	EA Clamp Size 1 1/4", Copper Standoff Brackets With Flange	27.35	12.85
	For Work In Restricted Working Space, Add	7.69	
23 05 29 00-0681	EA Clamp Size 1 1/2", Copper Standoff Brackets With Flange	27.52	12.85
	For Work In Restricted Working Space, Add	7.69	
23 05 29 00-0682	Malleable Iron Eye Sockets (B-Line B-3222) (23 05 29 00-0645)		
	Note: Type 16.		
23 05 29 00-0683	EA 3/8" Rod Size, Malleable Iron Eye Socket	7.57	1.27
	For Work In Restricted Working Space, Add	0.77	
23 05 29 00-0684	EA 1/2" Rod Size, Malleable Iron Eye Socket	9.67	1.69
	For Work In Restricted Working Space, Add	1.01	
23 05 29 00-0685	EA 5/8" Rod Size, Malleable Iron Eye Socket	16.32	1.69
	For Work In Restricted Working Space, Add	1.02	
23 05 29 00-0686	EA 3/4" Rod Size, Malleable Iron Eye Socket	22.85	1.69
	For Work In Restricted Working Space, Add	1.01	
23 05 29 00-0687	EA 7/8" Rod Size, Malleable Iron Eye Socket	24.74	2.11
	For Work In Restricted Working Space, Add	1.27	
23 05 29 00-0688	Steel Weldless Eye Nuts (B-Line B-3200) (23 05 29 00-0645)		
	Note: Type 17.		
23 05 29 00-0689	EA 3/8" Rod Size, Steel Weldless Eye Nut	23.97	1.27
	For Work In Restricted Working Space, Add	0.77	
23 05 29 00-0690	EA 1/2" Rod Size, Steel Weldless Eye Nut	24.79	1.69
	For Work In Restricted Working Space, Add	1.01	
23 05 29 00-0691	EA 5/8" Rod Size, Steel Weldless Eye Nut	24.82	1.69
	For Work In Restricted Working Space, Add	1.02	
23 05 29 00-0692	EA 3/4" Rod Size, Steel Weldless Eye Nut	24.79	1.69
	For Work In Restricted Working Space, Add	1.01	
23 05 29 00-0693	EA 7/8" Rod Size, Steel Weldless Eye Nut	48.00	1.86
	For Work In Restricted Working Space, Add	1.14	
23 05 29 00-0694	EA 1" Rod Size, Steel Weldless Eye Nut	48.42	2.11
	For Work In Restricted Working Space, Add	1.27	
23 05 29 00-0695	Top Mount I-Beam Clamps (B-Line B-3042) (23 05 29 00-0645)		
	Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0696	EA 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	16.97	3.94
	For Work In Restricted Working Space, Add	2.36	
23 05 29 00-0697	EA 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	20.33	4.33
	For Work In Restricted Working Space, Add	2.61	
23 05 29 00-0698	EA 5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	24.52	4.73
	For Work In Restricted Working Space, Add	2.87	
23 05 29 00-0699	EA 3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	33.34	5.12
	For Work In Restricted Working Space, Add	3.02	
23 05 29 00-0700	EA 7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp	50.74	5.91
	For Work In Restricted Working Space, Add	3.55	
23 05 29 00-0701	EA 3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	17.82	3.94
	For Work In Restricted Working Space, Add	2.36	
23 05 29 00-0702	EA 1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	21.52	4.33
	For Work In Restricted Working Space, Add	2.61	
23 05 29 00-0703	EA 5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	24.52	4.73
	For Work In Restricted Working Space, Add	2.87	
23 05 29 00-0704	EA 3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	36.47	5.12
	For Work In Restricted Working Space, Add	3.02	
23 05 29 00-0705	EA 7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp	56.10	5.91
	For Work In Restricted Working Space, Add	3.55	
23 05 29 00-0706	EA 3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	19.78	3.94
	For Work In Restricted Working Space, Add	2.36	
23 05 29 00-0707	EA 1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	23.73	4.33
	For Work In Restricted Working Space, Add	2.61	
23 05 29 00-0708	EA 5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	29.69	4.73
	For Work In Restricted Working Space, Add	2.87	
23 05 29 00-0709	EA 3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	42.34	5.12
	For Work In Restricted Working Space, Add	3.02	
23 05 29 00-0710	EA 7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp	67.57	5.91
	For Work In Restricted Working Space, Add	3.55	
23 05 29 00-0711	Side Beam Brackets (B-Line B-3062) (23 05 29 00-0645)		
	Note: Type 34.		
23 05 29 00-0712	EA 3/8" Rod Size, Side Beam Bracket	14.23	5.50
	For Work In Restricted Working Space, Add	3.17	
23 05 29 00-0713	EA 1/2" Rod Size, Side Beam Bracket	16.71	5.50
	For Work In Restricted Working Space, Add	3.38	
23 05 29 00-0714	EA 5/8" Rod Size, Side Beam Bracket	21.35	5.92
	For Work In Restricted Working Space, Add	3.62	
23 05 29 00-0715	EA 3/4" Rod Size, Side Beam Bracket	36.98	6.34
	For Work In Restricted Working Space, Add	3.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0716	EA		7/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	43.17 4.23	7.19
23 05 29 00-0717			Hex Lag Bolts (23 05 29 00-0645) Note: Also known as coach screws.		
23 05 29 00-0718	EA		3/8" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	2.20 0.53	
23 05 29 00-0719	EA		3/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	2.23 0.55	
23 05 29 00-0720	EA		3/8" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	2.48 0.56	
23 05 29 00-0721	EA		3/8" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	2.93 0.59	
23 05 29 00-0722	EA		3/8" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.12 0.61	
23 05 29 00-0723	EA		3/8" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.86 0.63	
23 05 29 00-0724	EA		1/2" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	2.95 0.63	
23 05 29 00-0725	EA		1/2" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.00 0.66	
23 05 29 00-0726	EA		1/2" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.44 0.69	
23 05 29 00-0727	EA		1/2" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.95 0.72	
23 05 29 00-0728	EA		1/2" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.60 0.76	
23 05 29 00-0729	EA		1/2" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.91 0.79	
23 05 29 00-0730	EA		5/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.98 0.71	
23 05 29 00-0731	EA		3/4" x 5" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.61 0.72	
23 05 29 00-0732			Stainless Steel (23 05 29 00-0479)		
23 05 29 00-0733			304 Stainless Steel Threaded Rod (23 05 29 00-0732)		
23 05 29 00-0734	LF		1/4" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	1.98 0.26	0.42
23 05 29 00-0735	LF		5/16" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	2.86 0.28	0.42
23 05 29 00-0736	LF		3/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	3.54 0.29	0.50
23 05 29 00-0737	LF		7/16" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	4.85 0.30	0.50
23 05 29 00-0738	LF		1/2" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	5.80 0.32	0.50
23 05 29 00-0739	LF		5/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	8.57 0.33	0.59
23 05 29 00-0740	LF		3/4" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	11.92 0.35	0.59
23 05 29 00-0741	LF		7/8" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	16.29 0.37	0.59
23 05 29 00-0742	LF		1" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	20.84 0.42	0.67
23 05 29 00-0743	LF		1-1/4" Diameter, 304 Stainless Steel Threaded Rod <i>For Work In Restricted Working Space, Add</i>	43.71 0.53	0.85
23 05 29 00-0744			304 Stainless Steel Flat Washers (23 05 29 00-0732)		
23 05 29 00-0745	EA		3/8", 304 Stainless Steel Flat Washer <i>For Work In Restricted Working Space, Add</i>	0.48 0.11	0.17
23 05 29 00-0746	EA		1/2", 304 Stainless Steel Flat Washer <i>For Work In Restricted Working Space, Add</i>	0.85 0.12	0.17
23 05 29 00-0747			304 Stainless Steel Hex Nuts (23 05 29 00-0732)		
23 05 29 00-0748	EA		3/8-16, 304 Stainless Steel Hex Nut <i>For Work In Restricted Working Space, Add</i>	1.80 0.49	0.85
23 05 29 00-0749	EA		1/2-13, 304 Stainless Steel Hex Nut <i>For Work In Restricted Working Space, Add</i>	2.22 0.53	0.85
23 05 29 00-0750			316 Stainless Steel U-Bolts (23 05 29 00-0732) Note: Type 24. Includes nuts.		
23 05 29 00-0751	EA		1/2" Pipe Size, 316 Stainless Steel U-Bolt <i>For Work In Restricted Working Space, Add</i>	13.98 2.54	4.23
23 05 29 00-0752	EA		3/4" Pipe Size, 316 Stainless Steel U-Bolt <i>For Work In Restricted Working Space, Add</i>	14.53 2.67	4.48
23 05 29 00-0753	EA		1" Pipe Size, 316 Stainless Steel U-Bolt <i>For Work In Restricted Working Space, Add</i>	15.18 2.82	4.73
23 05 29 00-0754	EA		1-1/4" Pipe Size, 316 Stainless Steel U-Bolt <i>For Work In Restricted Working Space, Add</i>	15.90 2.98	4.98
23 05 29 00-0755	EA		1-1/2" Pipe Size, 316 Stainless Steel U-Bolt <i>For Work In Restricted Working Space, Add</i>	16.71 3.17	5.24

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0756	EA		2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	19.78 3.38	5.67
23 05 29 00-0757	EA		2-1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	21.18 3.62	6.00
23 05 29 00-0758	EA		3" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	22.73 3.90	6.51
23 05 29 00-0759	EA		3-1/2" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	23.79 4.06	6.76
23 05 29 00-0760	EA		4" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	25.02 4.23	7.02
23 05 29 00-0761	EA		5" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	38.60 4.34	7.27
23 05 29 00-0762	EA		6" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	59.52 4.43	7.36
23 05 29 00-0763	EA		8" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	85.15 4.53	7.52
23 05 29 00-0764	EA		10" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	118.46 4.66	7.78
23 05 29 00-0765	EA		12" Pipe Size, 316 Stainless Steel U-Bolt..... <i>For Work In Restricted Working Space, Add</i>	179.15 4.80	8.03
23 05 29 00-0766			Shields And Saddles (23 05 29)		
23 05 29 00-0767			Insulation Protection Shield (23 05 29 00-0766) Note: Type 40.		
23 05 29 00-0768			Insulation Protection Shield (Cooper B-Line B3151) (23 05 29 00-0767) Note: Type 40.		
23 05 29 00-0769	EA		1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	11.80 2.03	2.03
23 05 29 00-0770	EA		2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	11.97 2.06	2.05
23 05 29 00-0771	EA		2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	12.27 2.08	2.08
23 05 29 00-0772	EA		3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	12.83 2.11	2.10
23 05 29 00-0773	EA		4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	14.19 2.16	2.15
23 05 29 00-0774	EA		6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	17.29 2.21	2.21
23 05 29 00-0775	EA		8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length..... <i>For Work In Restricted Working Space, Add</i>	20.08 2.26	2.26
23 05 29 00-0776	EA		10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length..... <i>For Work In Restricted Working Space, Add</i>	24.52 2.31	2.31
23 05 29 00-0777	EA		12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	31.45 2.33	2.34
23 05 29 00-0778	EA		14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	34.24 2.36	2.36
23 05 29 00-0779	EA		16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	47.07 2.38	2.39
23 05 29 00-0780	EA		18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	52.88 2.41	2.41
23 05 29 00-0781	EA		20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	97.97 2.44	2.44
23 05 29 00-0782	EA		24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	106.48 2.49	2.49
23 05 29 00-0783	EA		30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length..... <i>For Work In Restricted Working Space, Add</i>	128.67 2.54	2.54
23 05 29 00-0784			Insulation Protection Shield (Cooper B-Line B3154) (23 05 29 00-0767) Note: Type 40.		
23 05 29 00-0785	EA		1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	10.42 2.03	2.03
23 05 29 00-0786	EA		2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	10.56 2.06	2.05
23 05 29 00-0787	EA		2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	10.80 2.08	2.08
23 05 29 00-0788	EA		3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	11.23 2.11	2.10
23 05 29 00-0789	EA		4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	12.26 2.16	2.15
23 05 29 00-0790	EA		6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length..... <i>For Work In Restricted Working Space, Add</i>	14.56 2.21	2.21
23 05 29 00-0791	EA		8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	15.63 2.26	2.26
23 05 29 00-0792	EA		10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	19.89 2.31	2.31
23 05 29 00-0793	EA		12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length..... <i>For Work In Restricted Working Space, Add</i>	23.85 2.33	2.34
23 05 29 00-0794			Pipe Covering Protection Saddle (23 05 29 00-0766) Note: Type 39, sizes are pipe sizes.		
23 05 29 00-0795			Saddle, For 1" Insulation (Cooper B-Line B3160) (23 05 29 00-0794) Note: Type 39.		
23 05 29 00-0796	EA		3/4" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.09 2.79	2.79

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0797	EA		1" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.16 2.81	2.82
23 05 29 00-0798	EA		1-1/4" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	18.25 2.84	2.84
23 05 29 00-0799	EA		1-1/2" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	19.15 2.89	2.89
23 05 29 00-0800	EA		2" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	19.22 2.91	2.91
23 05 29 00-0801	EA		2-1/2" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	19.86 2.96	2.96
23 05 29 00-0802	EA		3" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	22.09 3.00	3.00
23 05 29 00-0803	EA		4" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.81 3.05	3.05
23 05 29 00-0804	EA		6" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	27.91 3.15	3.14
23 05 29 00-0805	EA		8" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	33.98 3.26	3.26
23 05 29 00-0806	EA		10" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	37.99 3.31	3.30
23 05 29 00-0807	EA		12" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	45.05 3.38	3.30
23 05 29 00-0808	EA		14" Pipe Saddle, Type 39 (For 1" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	49.18 3.43	3.43
23 05 29 00-0809			Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) (23 05 29 00-0794) Note: Type 39.		
23 05 29 00-0810	EA		3/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	20.43 2.79	2.79
23 05 29 00-0811	EA		1" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	20.50 2.81	2.82
23 05 29 00-0812	EA		1-1/4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	20.59 2.84	2.84
23 05 29 00-0813	EA		1-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	21.33 2.89	2.89
23 05 29 00-0814	EA		2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	23.03 2.91	2.91
23 05 29 00-0815	EA		2-1/2" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.81 2.96	2.96
23 05 29 00-0816	EA		3" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	25.23 3.00	3.00
23 05 29 00-0817	EA		4" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	28.68 3.05	3.00
23 05 29 00-0818	EA		6" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	32.28 3.15	3.14
23 05 29 00-0819	EA		8" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	38.26 3.26	3.26
23 05 29 00-0820	EA		10" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	43.06 3.31	3.30
23 05 29 00-0821	EA		12" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	51.30 3.38	3.38
23 05 29 00-0822	EA		14" Pipe Saddle, Type 39 (For 1-1/2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	56.20 3.43	3.43
23 05 29 00-0823			Saddle, For 2" Insulation (Cooper B-Line B3162) (23 05 29 00-0794) Note: Type 39.		
23 05 29 00-0824	EA		3/4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	21.86 2.93	2.93
23 05 29 00-0825	EA		1" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	21.94 2.96	2.96
23 05 29 00-0826	EA		1-1/4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	23.11 2.98	2.98
23 05 29 00-0827	EA		1-1/2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	23.82 3.03	3.03
23 05 29 00-0828	EA		2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.45 3.05	3.05
23 05 29 00-0829	EA		2-1/2" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	24.60 3.10	3.10
23 05 29 00-0830	EA		3" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	26.03 3.15	3.15
23 05 29 00-0831	EA		4" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	27.43 3.19	3.20
23 05 29 00-0832	EA		6" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	35.07 3.31	3.30
23 05 29 00-0833	EA		8" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	39.78 3.43	3.43
23 05 29 00-0834	EA		10" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	41.80 3.48	3.48
23 05 29 00-0835	EA		12" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	56.53 3.55	3.55
23 05 29 00-0836	EA		14" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	62.64 3.59	3.60
23 05 29 00-0837	EA		16" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	68.92 3.69	3.69
23 05 29 00-0838	EA		18" Pipe Saddle, Type 39 (For 2" Insulation)..... <i>For Work In Restricted Working Space, Add</i>	75.19 3.78	3.78

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 05 29 00-0839	EA	20" Pipe Saddle, Type 39 (For 2" Insulation)	82.49		3.88
		<i>For Work In Restricted Working Space, Add</i>	3.88		
23 05 29 00-0840	EA	24" Pipe Saddle, Type 39 (For 2" Insulation)	94.53		3.97
		<i>For Work In Restricted Working Space, Add</i>	3.97		
23 05 29 00-0841		Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) (23 05 29 00-0794)			
		Note: Type 39.			
23 05 29 00-0842	EA	1-1/4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	24.53		3.05
		<i>For Work In Restricted Working Space, Add</i>	3.05		
23 05 29 00-0843	EA	1-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	25.90		3.10
		<i>For Work In Restricted Working Space, Add</i>	3.10		
23 05 29 00-0844	EA	2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	26.60		3.12
		<i>For Work In Restricted Working Space, Add</i>	3.12		
23 05 29 00-0845	EA	2-1/2" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	27.37		3.17
		<i>For Work In Restricted Working Space, Add</i>	3.17		
23 05 29 00-0846	EA	3" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	27.60		3.24
		<i>For Work In Restricted Working Space, Add</i>	3.24		
23 05 29 00-0847	EA	4" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	32.17		3.29
		<i>For Work In Restricted Working Space, Add</i>	3.29		
23 05 29 00-0848	EA	6" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	36.89		3.38
		<i>For Work In Restricted Working Space, Add</i>	3.38		
23 05 29 00-0849	EA	8" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	43.04		3.50
		<i>For Work In Restricted Working Space, Add</i>	3.50		
23 05 29 00-0850	EA	10" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	46.16		3.57
		<i>For Work In Restricted Working Space, Add</i>	3.57		
23 05 29 00-0851	EA	12" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	58.00		3.64
		<i>For Work In Restricted Working Space, Add</i>	3.64		
23 05 29 00-0852	EA	14" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	68.97		3.69
		<i>For Work In Restricted Working Space, Add</i>	3.69		
23 05 29 00-0853	EA	16" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	80.10		3.78
		<i>For Work In Restricted Working Space, Add</i>	3.78		
23 05 29 00-0854	EA	18" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	85.11		3.88
		<i>For Work In Restricted Working Space, Add</i>	3.88		
23 05 29 00-0855	EA	20" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	90.70		3.97
		<i>For Work In Restricted Working Space, Add</i>	3.97		
23 05 29 00-0856	EA	24" Pipe Saddle, Type 39 (For 2-1/2" Insulation)	96.29		4.07
		<i>For Work In Restricted Working Space, Add</i>	4.07		
23 05 29 00-0857		Saddle, For 3" Insulation (Cooper B-Line B3164) (23 05 29 00-0794)			
		Note: Type 39.			
23 05 29 00-0858	EA	2" Pipe Saddle, Type 39 (For 3" Insulation)	27.52		3.19
		<i>For Work In Restricted Working Space, Add</i>	3.19		
23 05 29 00-0859	EA	2-1/2" Pipe Saddle, Type 39 (For 3" Insulation)	30.08		3.26
		<i>For Work In Restricted Working Space, Add</i>	3.26		
23 05 29 00-0860	EA	3" Pipe Saddle, Type 39 (For 3" Insulation)	31.41		3.31
		<i>For Work In Restricted Working Space, Add</i>	3.31		
23 05 29 00-0861	EA	4" Pipe Saddle, Type 39 (For 3" Insulation)	32.72		3.36
		<i>For Work In Restricted Working Space, Add</i>	3.36		
23 05 29 00-0862	EA	6" Pipe Saddle, Type 39 (For 3" Insulation)	37.69		3.45
		<i>For Work In Restricted Working Space, Add</i>	3.45		
23 05 29 00-0863	EA	8" Pipe Saddle, Type 39 (For 3" Insulation)	47.45		3.59
		<i>For Work In Restricted Working Space, Add</i>	3.59		
23 05 29 00-0864	EA	10" Pipe Saddle, Type 39 (For 3" Insulation)	51.50		3.64
		<i>For Work In Restricted Working Space, Add</i>	3.64		
23 05 29 00-0865	EA	12" Pipe Saddle, Type 39 (For 3" Insulation)	67.29		3.71
		<i>For Work In Restricted Working Space, Add</i>	3.71		
23 05 29 00-0866	EA	14" Pipe Saddle, Type 39 (For 3" Insulation)	80.53		3.78
		<i>For Work In Restricted Working Space, Add</i>	3.78		
23 05 29 00-0867	EA	16" Pipe Saddle, Type 39 (For 3" Insulation)	93.76		3.85
		<i>For Work In Restricted Working Space, Add</i>	3.85		
23 05 29 00-0868	EA	18" Pipe Saddle, Type 39 (For 3" Insulation)	95.55		3.97
		<i>For Work In Restricted Working Space, Add</i>	3.97		
23 05 29 00-0869	EA	20" Pipe Saddle, Type 39 (For 3" Insulation)	97.27		4.07
		<i>For Work In Restricted Working Space, Add</i>	4.07		
23 05 29 00-0870	EA	24" Pipe Saddle, Type 39 (For 3" Insulation)	123.75		4.16
		<i>For Work In Restricted Working Space, Add</i>	4.16		
23 05 29 00-0871		Saddle, For 4" Insulation (Cooper B-Line B3165) (23 05 29 00-0794)			
		Note: Type 39.			
23 05 29 00-0872	EA	2" Pipe Saddle, Type 39 (For 4" Insulation)	31.13		3.26
		<i>For Work In Restricted Working Space, Add</i>	3.26		
23 05 29 00-0873	EA	2-1/2" Pipe Saddle, Type 39 (For 4" Insulation)	34.16		3.33
		<i>For Work In Restricted Working Space, Add</i>	3.33		
23 05 29 00-0874	EA	3" Pipe Saddle, Type 39 (For 4" Insulation)	35.71		3.38
		<i>For Work In Restricted Working Space, Add</i>	3.38		
23 05 29 00-0875	EA	4" Pipe Saddle, Type 39 (For 4" Insulation)	37.33		3.43
		<i>For Work In Restricted Working Space, Add</i>	3.43		
23 05 29 00-0876	EA	6" Pipe Saddle, Type 39 (For 4" Insulation)	45.76		3.55
		<i>For Work In Restricted Working Space, Add</i>	3.55		
23 05 29 00-0877	EA	8" Pipe Saddle, Type 39 (For 4" Insulation)	54.18		3.67
		<i>For Work In Restricted Working Space, Add</i>	3.67		
23 05 29 00-0878	EA	10" Pipe Saddle, Type 39 (For 4" Insulation)	56.02		3.74
		<i>For Work In Restricted Working Space, Add</i>	3.74		
23 05 29 00-0879	EA	12" Pipe Saddle, Type 39 (For 4" Insulation)	71.93		3.81
		<i>For Work In Restricted Working Space, Add</i>	3.81		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0880	EA		14" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	87.56 3.85	3.86
23 05 29 00-0881	EA		16" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	103.35 3.95	3.96
23 05 29 00-0882	EA		18" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	126.64 4.04	4.05
23 05 29 00-0883	EA		20" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	149.83 4.16	4.15
23 05 29 00-0884	EA		24" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	160.35 4.26	4.25
23 05 29 00-0885	EA		30" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	168.79 4.37	4.37
23 05 29 00-0886	EA		36" Pipe Saddle, Type 39 (For 4" Insulation) <i>For Work In Restricted Working Space, Add</i>	175.02 4.47	4.48
23 05 29 00-0887			Adjustable Pipe Saddle Support (Cooper B-Line B3096) (23 05 29 00-0766) Note: Type 38.		
23 05 29 00-0888	EA		2" Adjustable Pipe Saddle Support, Type 38	70.51	10.57
23 05 29 00-0889	EA		3" Adjustable Pipe Saddle Support, Type 38	74.69	12.26
23 05 29 00-0890	EA		4" Adjustable Pipe Saddle Support, Type 38	90.79	13.96
23 05 29 00-0891	EA		5" Adjustable Pipe Saddle Support, Type 38	94.65	15.21
23 05 29 00-0892	EA		6" Adjustable Pipe Saddle Support, Type 38	105.02	16.91
23 05 29 00-0893	EA		8" Adjustable Pipe Saddle Support, Type 38	119.32	21.14
23 05 29 00-0894	EA		10" Adjustable Pipe Saddle Support, Type 38	156.00	28.32
23 05 29 00-0895	EA		12" Adjustable Pipe Saddle Support, Type 38	192.43	42.28
23 05 29 00-0896			Pipe Stanchion Support (Cooper B-Line B3090) (23 05 29 00-0766) Note: Type 37.		
23 05 29 00-0897	EA		2-1/2" Pipe Support With U-Bolt, Type 37	87.39	10.57
23 05 29 00-0898	EA		3" Pipe Support With U-Bolt, Type 37	90.41	12.26
23 05 29 00-0899	EA		3-1/2" Pipe Support With U-Bolt, Type 37	96.86	13.11
23 05 29 00-0900	EA		4" Pipe Support With U-Bolt, Type 37	98.83	13.96
23 05 29 00-0901	EA		5" Pipe Support With U-Bolt, Type 37	103.90	15.21
23 05 29 00-0902	EA		6" Pipe Support With U-Bolt, Type 37	110.11	16.91
23 05 29 00-0903	EA		8" Pipe Support With U-Bolt, Type 37	139.85	21.14
23 05 29 00-0904	EA		10" Pipe Support With U-Bolt, Type 37	188.67	28.32
23 05 29 00-0905	EA		12" Pipe Support With U-Bolt, Type 37	246.52	42.28
23 05 29 00-0906			Pipe Saddle Support (Cooper B-Line B3095) (23 05 29 00-0766) Note: Type 36.		
23 05 29 00-0907	EA		2-1/2" Pipe Saddle Support, Type 36	44.62	10.57
23 05 29 00-0908	EA		3" Pipe Saddle Support, Type 36	47.64	12.26
23 05 29 00-0909	EA		3-1/2" Pipe Saddle Support, Type 36	72.06	13.11
23 05 29 00-0910	EA		4" Pipe Saddle Support, Type 36	74.03	13.96
23 05 29 00-0911	EA		5" Pipe Saddle Support, Type 36	81.41	15.21
23 05 29 00-0912	EA		6" Pipe Saddle Support, Type 36	90.24	16.91
23 05 29 00-0913	EA		8" Pipe Saddle Support, Type 36	103.43	21.14
23 05 29 00-0914	EA		10" Pipe Saddle Support, Type 36	120.50	28.32
23 05 29 00-0915	EA		12" Pipe Saddle Support, Type 36	151.90	42.28
23 05 29 00-0916			360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0766) Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-0917			1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0916)		
23 05 29 00-0918	EA		1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.21	5.53
23 05 29 00-0919	EA		3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.39	5.53
23 05 29 00-0920	EA		1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.44	5.53
23 05 29 00-0921	EA		1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.63	5.53
23 05 29 00-0922	EA		1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.52	5.87
23 05 29 00-0923	EA		2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.09	6.03
23 05 29 00-0924	EA		2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	14.76	6.29
23 05 29 00-0925	EA		3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	15.50	6.54
23 05 29 00-0926	EA		4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	16.73	6.79
23 05 29 00-0927	EA		6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	17.26	5.87
23 05 29 00-0928	EA		8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	26.09	7.65
23 05 29 00-0929	EA		10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	30.81	9.01
23 05 29 00-0930	EA		12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	35.21	10.45
23 05 29 00-0931	EA		14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	39.27	10.79
23 05 29 00-0932			1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0916)		
23 05 29 00-0933	EA		1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	10.29	4.17
23 05 29 00-0934	EA		3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.22	4.17
23 05 29 00-0935	EA		1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.46	4.25
23 05 29 00-0936	EA		1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	11.82	4.34
23 05 29 00-0937	EA		1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.16	4.34
23 05 29 00-0938	EA		2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	12.77	4.50
23 05 29 00-0939	EA		2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.46	4.67
23 05 29 00-0940	EA		3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate	13.84	4.76

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-0941	EA	4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.19	5.18
23 05 29 00-0942	EA	6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.08	8.93
23 05 29 00-0943	EA	8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.39	6.71
23 05 29 00-0944	EA	10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.61	7.90
23 05 29 00-0945	EA	12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.00	9.09
23 05 29 00-0946	EA	14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.13	10.96

23 05 29 00-0947 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate

(23 05 29 00-0916)

23 05 29 00-0948	EA	1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	13.94	4.76
23 05 29 00-0949	EA	3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.09	4.76
23 05 29 00-0950	EA	1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.53	4.84
23 05 29 00-0951	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.92	4.93
23 05 29 00-0952	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.33	5.01
23 05 29 00-0953	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.92	5.18
23 05 29 00-0954	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.73	5.35
23 05 29 00-0955	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.51	5.53
23 05 29 00-0956	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.18	5.87
23 05 29 00-0957	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.92	6.63
23 05 29 00-0958	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.44	11.30
23 05 29 00-0959	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.93	13.08
23 05 29 00-0960	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.89	15.47
23 05 29 00-0961	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.23	17.33
23 05 29 00-0962	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	55.05	19.55
23 05 29 00-0963	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.28	22.95
23 05 29 00-0964	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	70.27	25.49
23 05 29 00-0965	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	79.42	28.90

23 05 29 00-0966 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate

(23 05 29 00-0916)

23 05 29 00-0967	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.98	5.53
23 05 29 00-0968	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.15	5.53
23 05 29 00-0969	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.69	5.61
23 05 29 00-0970	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.09	5.70
23 05 29 00-0971	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.50	5.70
23 05 29 00-0972	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.22	5.95
23 05 29 00-0973	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.15	6.12
23 05 29 00-0974	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.02	6.37
23 05 29 00-0975	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.91	6.71
23 05 29 00-0976	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.08	7.65
23 05 29 00-0977	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.29	8.49
23 05 29 00-0978	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.31	9.77
23 05 29 00-0979	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.28	12.15
23 05 29 00-0980	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.73	13.35
23 05 29 00-0981	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.49	17.00
23 05 29 00-0982	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.67	17.85
23 05 29 00-0983	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	72.36	20.39
23 05 29 00-0984	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	85.58	24.64

23 05 29 00-0985 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate

(23 05 29 00-0916)

23 05 29 00-0986	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.08	5.70
23 05 29 00-0987	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.27	5.95
23 05 29 00-0988	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.47	5.95
23 05 29 00-0989	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.26	6.12
23 05 29 00-0990	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.19	6.29
23 05 29 00-0991	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.23	6.37
23 05 29 00-0992	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.13	6.54
23 05 29 00-0993	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	40.81	6.96
23 05 29 00-0994	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.83	7.23
23 05 29 00-0995	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	51.26	8.84
23 05 29 00-0996	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.41	9.68
23 05 29 00-0997	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	77.64	10.20
23 05 29 00-0998	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	89.56	13.17
23 05 29 00-0999	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	100.62	14.02
23 05 29 00-1000	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	121.35	18.69
23 05 29 00-1001	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	130.60	20.39
23 05 29 00-1002	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	147.81	22.09
23 05 29 00-1003	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	173.74	27.20

23 05 29 00-1004 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate

(23 05 29 00-0916)

23 05 29 00-1005	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	15.98	5.53
23 05 29 00-1006	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.32	6.71
23 05 29 00-1007	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.06	6.71
23 05 29 00-1008	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.50	6.79
23 05 29 00-1009	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.06	6.88
23 05 29 00-1010	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.82	7.14
23 05 29 00-1011	EA	2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.95	7.40
23 05 29 00-1012	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.95	7.65

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1013	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	26.31	8.07
23 05 29 00-1014	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.08	9.18
23 05 29 00-1015	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.72	10.20
23 05 29 00-1016	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	45.97	11.73
23 05 29 00-1017	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	53.13	14.61
23 05 29 00-1018	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.70	15.97
23 05 29 00-1019	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.40	20.39
23 05 29 00-1020	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	76.40	21.42
23 05 29 00-1021	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	86.88	24.48
23 05 29 00-1022	EA	24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	102.69	29.57
23 05 29 00-1023		4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0916)</small>		
23 05 29 00-1024	EA	1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.54	7.48
23 05 29 00-1025	EA	3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.78	7.48
23 05 29 00-1026	EA	1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.53	7.56
23 05 29 00-1027	EA	1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.12	7.65
23 05 29 00-1028	EA	1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.54	7.65
23 05 29 00-1029	EA	2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.87	8.16
23 05 29 00-1030	EA	2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.81	8.24
23 05 29 00-1031	EA	3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.02	8.59
23 05 29 00-1032	EA	4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.58	9.09
23 05 29 00-1033	EA	6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.82	10.29
23 05 29 00-1034	EA	8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	42.91	11.13
23 05 29 00-1035	EA	10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	51.73	13.26
23 05 29 00-1036	EA	12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.78	16.49
23 05 29 00-1037	EA	14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	67.17	17.93
23 05 29 00-1038	EA	16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	80.36	22.95
23 05 29 00-1039	EA	18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	85.90	24.05
23 05 29 00-1040	EA	20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	96.74	27.54
23 05 29 00-1041	EA	24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	115.56	33.32
23 05 29 00-1042	EA	26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	132.31	39.17
23 05 29 00-1043	EA	28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	151.25	46.23
23 05 29 00-1044	EA	30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	172.07	54.64
23 05 29 00-1045	EA	42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	248.77	84.38
23 05 29 00-1046	EA	44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	268.75	92.88
23 05 29 00-1047	EA	46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	286.89	100.28
23 05 29 00-1048		Equipment Housekeeping Pads <small>(23 05 29)</small> See CSI section 03 31 13 00-0002 for Concrete Equipment Pads.		
23 05 29 00-1049		Molded Plastic Condenser Pad <small>(23 05 29 00-1048)</small>		
23 05 29 00-1050	EA	30" Round Molded Plastic Pad.....	51.70	10.57
23 05 29 00-1051	EA	30" Octagon Molded Plastic Pad.....	53.71	10.57
23 05 29 00-1052	EA	30" x 30" Molded Plastic Pad.....	51.70	10.57
23 05 29 00-1053	EA	36" x 36" Molded Plastic Pad.....	63.75	10.57
23 05 29 00-1054	EA	36" x 48" Molded Plastic Pad.....	86.30	10.57
23 05 29 00-1055		Inertia Base <small>(23 05 29 00-1048)</small> Note: Includes spring isolators.		
23 05 29 00-1056	EA	Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	755.77	
23 05 29 00-1057	EA	>12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	910.57	
23 05 29 00-1058	EA	>16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	1,042.78	
23 05 29 00-1059	EA	>20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	1,190.06	
23 05 29 00-1060		Hanger Assemblies <small>(23 05 29)</small> Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1061	EA	1/2" Standard Duty Clevis Pipe Hanger Assembly.....	36.07	13.14
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	8.46	
23 05 29 00-1062	EA	3/4" Standard Duty Clevis Pipe Hanger Assembly.....	37.63	13.92
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	8.93	
23 05 29 00-1063	EA	1" Standard Duty Clevis Pipe Hanger Assembly.....	38.88	14.74
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.28	
23 05 29 00-1064	EA	1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	39.56	14.76
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.42	
23 05 29 00-1065	EA	1-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	39.75	14.76
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.42	
23 05 29 00-1066	EA	2" Standard Duty Clevis Pipe Hanger Assembly.....	40.60	14.87
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.56	
23 05 29 00-1067	EA	2-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	46.84	15.89
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.72	
23 05 29 00-1068	EA	3" Standard Duty Clevis Pipe Hanger Assembly.....	48.30	16.35
		Note: Includes hanger, rod, nuts, washers and clamp.		
		For Work In Restricted Working Space, Add	9.87	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 29 Hangers And Supports For HVAC Piping And Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 29 00-1069	EA	4" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	57.92	18.47
23 05 29 00-1070	EA	6" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	10.89	23.86
23 05 29 00-1071	EA	8" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	14.31	27.68
23 05 29 00-1072	EA	10" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	16.61	35.15
23 05 29 00-1073	EA	12" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	20.83	37.83
			22.74	
23 05 29 00-1074 Steel Shapes For Hanger Devices (23 05 29)				
23 05 29 00-1075 Angle Iron (23 05 29 00-1074)				
23 05 29 00-1076	LF	1/2" x 1/2" x 1/8" Angle Iron	1.90	1.23
23 05 29 00-1077	LF	3/4" x 3/4" x 1/8" Angle Iron	2.47	1.53
23 05 29 00-1078	LF	1" x 1" x 1/8" Angle Iron	3.02	1.83
23 05 29 00-1079	LF	1-1/4" x 1-1/4" x 3/16" Angle Iron	4.10	2.29
23 05 29 00-1080	LF	1-1/2" x 1-1/2" x 3/16" Angle Iron	4.54	2.45
23 05 29 00-1081	LF	2" x 2" x 1/4" Angle Iron	5.95	2.76
23 05 29 00-1082	LF	2-1/2" x 2-1/2" x 1/4" Angle Iron	7.38	3.35
23 05 29 00-1083	LF	3" x 2" x 3/8" Angle Iron	9.46	3.94
23 05 29 00-1084	LF	3" x 3" x 3/8" Angle Iron	11.26	4.60
23 05 29 00-1085 Channels (23 05 29 00-1074)				
23 05 29 00-1086	LF	C2 X 1.78 - 2" Wide (Channels).....	5.42	3.13
23 05 29 00-1087	LF	C3 X 4.1 - 3" Wide (Channels).....	8.91	4.49
23 05 29 00-1088	LF	C4 X 5.4 - 4" Wide (Channels).....	11.04	5.39
23 05 29 00-1089	LF	C5 X 6.7 - 5" Wide (Channels).....	13.16	6.29
23 05 29 00-1090	LF	C6 X 8.2 - 6" Wide (Channels).....	15.92	7.55
23 05 29 00-1091	LF	C7 X 9.8 - 7" Wide (Channels).....	18.98	8.99
23 05 29 00-1092	LF	C8 X 11.5 - 8" Wide (Channels).....	21.38	9.89
23 05 29 00-1093 Structural Bar Tees (23 05 29 00-1074)				
23 05 29 00-1094	LF	3/4" x 3/4" x 1/8" Structural Bar Tee.....	6.45	4.39
23 05 29 00-1095	LF	1" x 1" x 1/8" Structural Bar Tee	7.76	5.20
23 05 29 00-1096	LF	1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.52	5.99
23 05 29 00-1097	LF	2" x 2" x 1/4" Structural Bar Tee	13.53	7.99
23 05 29 00-1098	LF	2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	18.04	9.59
23 05 29 00-1099	LF	3" x 3" x 3/8" Structural Bar Tee	22.70	12.39
23 05 29 00-1100 Structural Zees (23 05 29 00-1074)				
23 05 29 00-1101	LF	1-1/4" x 1-3/4" x 1-3/4" Structural Zee.....	10.53	5.99
23 05 29 00-1102	LF	2-11/16" x 3" x 2-11/16" Structural Zee.....	12.13	5.99
23 05 29 00-1103	LF	3-1/16" x 4" x 3-1/16" Structural Zee.....	17.40	5.99
23 05 29 00-1104	LF	3-1/4" x 5" x 3-1/4" Structural Zee.....	21.57	5.99
23 05 29 00-1105	LF	3-1/2" x 6" x 3-1/2" Structural Zee.....	25.74	5.99
23 05 29 00-1106 Junior I-beams (23 05 29 00-1074)				
23 05 29 00-1107	LF	3" I-beam (Junior)	13.57	8.79
23 05 29 00-1108	LF	4" I-beam (Junior)	15.41	9.59
23 05 29 00-1109	LF	5" I-beam (Junior)	17.53	10.39
23 05 29 00-1110	LF	6" I-beam (Junior)	19.13	11.58
23 05 29 00-1111	LF	7" I-beam (Junior)	22.19	12.39
23 05 29 00-1112	LF	8" I-beam (Junior)	23.96	13.18
23 05 33 Heat Tracing For HVAC Piping (23 05)				
See CSI section 23 83 13 00-0000 for heat tracing cables.				
23 05 48 Vibration And Seismic Controls For HVAC (23 05)				
23 05 48 00-0001 Unhoused Stable Steel Spring Isolators (23 05 48)				
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.				
23 05 48 00-0002	EA	60 LB Unhoused Steel Spring Isolator	87.64	23.66
23 05 48 00-0003	EA	115 LB Unhoused Steel Spring Isolator	94.15	23.66
23 05 48 00-0004	EA	1,130 LB Unhoused Steel Spring Isolator	115.75	23.66
23 05 48 00-0005 Vibration Isolators (23 05 48)				
23 05 48 00-0006 Spring And Rubber Hanger For 1" Deflection (23 05 48 00-0005)				
23 05 48 00-0007	EA	50-500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	126.06	15.21
23 05 48 00-0008	EA	600-1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	274.89	16.91

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0009		Rubber-In-Shear Isolator Hanger (23 05 48 00-0005)		
23 05 48 00-0010	EA	45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	67.32	12.69
23 05 48 00-0011	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	88.07	15.21
23 05 48 00-0012		Spring Hanger For 1" Deflection (23 05 48 00-0005)		
23 05 48 00-0013	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	75.84	15.21
23 05 48 00-0014		Rubber-In-Shear Vibration Isolator (23 05 48 00-0005)		
23 05 48 00-0015	EA	45-340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	139.29	28.75
23 05 48 00-0016	EA	130-700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	196.94	28.75
23 05 48 00-0017	EA	550-1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	394.78	28.75
23 05 48 00-0018		Two-Piece Spring Type Vibration Isolator (23 05 48 00-0005)		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 00-0019	EA	50 - 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	115.00	28.75
23 05 48 00-0020	EA	>1,000 - 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	119.29	28.75
23 05 48 00-0021		Open Double Spring Type Vibration Isolator (23 05 48 00-0005)		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 00-0022	EA	150-450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	94.74	14.38
23 05 48 00-0023	EA	500-1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	94.74	14.38
23 05 48 00-0024	EA	1,100-1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	109.06	14.38
23 05 48 00-0025	EA	1,700-2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	109.06	14.38
23 05 48 00-0026	EA	2,500-3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	173.83	14.38
23 05 48 00-0027		Isolation Pads (23 05 48 00-0005)		
23 05 48 00-0028		Laminated Neoprene And Cork Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0029	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	5.43	2.11
23 05 48 00-0030	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	7.29	2.20
23 05 48 00-0031	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	9.42	2.29
23 05 48 00-0032	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	41.59	2.62
23 05 48 00-0033	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	80.99	2.96
23 05 48 00-0034		Neoprene And Steel Plate Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0035	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	36.39	2.11
23 05 48 00-0036	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	39.93	2.11
23 05 48 00-0037		Neoprene Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0038	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	4.97	2.11
23 05 48 00-0039	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	5.80	2.11
23 05 48 00-0040	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	7.15	2.11
23 05 48 00-0041	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	40.89	2.54
23 05 48 00-0042	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	75.99	2.96
23 05 48 00-0043		Ribbed Neoprene Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0044	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	4.85	2.11
23 05 48 00-0045	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	5.57	2.20
23 05 48 00-0046	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	6.75	2.29
23 05 48 00-0047	EA	6" x 6", 3/8" Thick Ribbed Neoprene Isolation Pad	9.60	2.46
23 05 48 00-0048	EA	9" x 9", 3/8" Thick Ribbed Neoprene Isolation Pad	17.56	2.62
23 05 48 00-0049	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	33.47	2.96
23 05 48 00-0050		Cork And Ribbed Neoprene Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0051	EA	2" x 2", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	5.12	2.11
23 05 48 00-0052	EA	3" x 3", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	6.84	2.20
23 05 48 00-0053	EA	4" x 4", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	8.74	2.29
23 05 48 00-0054	EA	6" x 6", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	12.58	2.46
23 05 48 00-0055	EA	9" x 9", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	23.96	2.62
23 05 48 00-0056	EA	18" x 18", 7/8" Thick Cork And Ribbed Neoprene Isolation Pad	52.59	2.96
23 05 48 00-0057		Cork, Ribbed Neoprene And Steel Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0058	EA	2" x 2", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	39.31	2.11
23 05 48 00-0059	EA	3" x 3", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	49.21	2.20
23 05 48 00-0060	EA	4" x 4", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	65.06	2.29
23 05 48 00-0061	EA	5" x 5", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	83.07	2.46
23 05 48 00-0062	EA	6" x 6", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	101.72	2.62
23 05 48 00-0063	EA	8" x 8", 1-1/8" Thick Cork, Ribbed Neoprene And Steel Isolation Pad	123.47	2.96
23 05 48 00-0064		Rubber Cube Isolation Pad (23 05 48 00-0027)		
23 05 48 00-0065	EA	2" x 2", 3/4" Thick Rubber Cube Isolation Pad	5.21	2.11
23 05 48 00-0066	EA	4" x 4", 3/4" Thick Rubber Cube Isolation Pad	8.83	2.29

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 48 Vibration And Seismic Controls For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 48 00-0067	EA	18" x 18", 3/4" Thick Rubber Cube Isolation Pad.....	62.69	2.96
23 05 48 00-0068		Threaded Flexible Bronze Hose Connectors (23 05 48)		
		Note: Includes hex threaded nipple ends.		
23 05 48 00-0069	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	64.28	13.53
23 05 48 00-0070	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	73.76	18.60
23 05 48 00-0071	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	90.75	22.83
23 05 48 00-0072	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	105.25	27.06
23 05 48 00-0073	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	120.31	35.51
23 05 48 00-0074	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	135.20	37.80
23 05 48 00-0075	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	182.44	44.81
23 05 48 00-0076	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends.....	255.05	69.84
23 05 48 00-0077		Weld End Flexible Hose Connectors (23 05 48)		
23 05 48 00-0078	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends.....	169.85	48.53
23 05 48 00-0079	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends.....	197.79	53.27
23 05 48 00-0080	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends.....	222.19	56.40
23 05 48 00-0081	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends.....	248.70	64.26
23 05 48 00-0082	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends.....	281.37	69.34
23 05 48 00-0083	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends.....	353.88	90.22
23 05 48 00-0084	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends.....	524.56	101.47
23 05 48 00-0085	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends.....	645.12	114.14
23 05 48 00-0086	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends.....	895.41	169.10
23 05 48 00-0087		Flanged Flexible Hose Connectors (23 05 48)		
23 05 48 00-0088		Flanged Flexible Molded Rubber Hose Connectors (23 05 48 00-0087)		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 00-0089	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	194.39	63.42
23 05 48 00-0090	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	209.56	70.43
23 05 48 00-0091	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	449.49	209.27
23 05 48 00-0092	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	587.64	270.15
23 05 48 00-0093	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	778.28	284.01
23 05 48 00-0094	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	954.66	324.38
23 05 48 00-0095	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	1,250.59	386.02
23 05 48 00-0096	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	2,857.18	482.81
23 05 48 00-0097		Flanged Flexible Corrugated Stainless Steel Hose Connectors (23 05 48 00-0087)		
		Note: With braided metal wire.		
23 05 48 00-0098	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	147.78	57.67
23 05 48 00-0099	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	133.44	79.31
23 05 48 00-0100	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	276.57	105.69
23 05 48 00-0101	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	349.69	158.54
23 05 48 00-0102	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	374.36	174.43
23 05 48 00-0103	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	431.44	211.21
23 05 48 00-0104	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	552.31	270.40
23 05 48 00-0105	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,056.67	397.61
23 05 48 00-0106	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,320.58	454.40
23 05 48 00-0107	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,558.19	525.45
23 05 48 00-0108	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	2,049.76	568.01
23 05 48 00-0109		Flanged Flexible Molded Teflon Hose Connectors (23 05 48 00-0087)		
		Note: 150 PSI.		
23 05 48 00-0110	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	995.92	174.43
23 05 48 00-0111	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,127.56	210.96
23 05 48 00-0112	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,604.12	270.40
23 05 48 00-0113	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,879.55	284.01
23 05 48 00-0114	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	2,491.11	324.38
23 05 48 00-0115		Flexible Hose Connectors Braided Metal Hose Type, Bronze (23 05 48)		
23 05 48 00-0116		Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 00-0115)		
		Note: MPT connection.		
23 05 48 00-0117	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	37.06	1.69
23 05 48 00-0118	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	44.53	1.69
23 05 48 00-0119	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	49.28	2.19
23 05 48 00-0120	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	60.30	2.19
23 05 48 00-0121	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	49.78	2.03
23 05 48 00-0122	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	60.45	2.03
23 05 48 00-0123	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	68.88	2.62

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0124	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	85.50	2.62
23 05 48 00-0125	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	68.17	2.37
23 05 48 00-0126	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	74.72	2.37
23 05 48 00-0127	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	88.54	3.13
23 05 48 00-0128	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	112.84	3.13
23 05 48 00-0129	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	136.96	3.13
23 05 48 00-0130	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	161.15	3.13
23 05 48 00-0131	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	97.37	3.03
23 05 48 00-0132	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	107.57	3.03
23 05 48 00-0133	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	138.66	3.03
23 05 48 00-0134	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	192.92	4.05
23 05 48 00-0135	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	224.24	4.05
23 05 48 00-0136	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	265.93	4.05
23 05 48 00-0137	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	133.66	3.66
23 05 48 00-0138	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	154.98	3.66
23 05 48 00-0139	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	196.26	3.66
23 05 48 00-0140	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	261.78	4.90
23 05 48 00-0141	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	324.70	4.90
23 05 48 00-0142	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	387.56	4.90
23 05 48 00-0143	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	186.15	4.59
23 05 48 00-0144	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	212.41	4.36
23 05 48 00-0145	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	238.93	4.36
23 05 48 00-0146	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	294.31	5.83
23 05 48 00-0147	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	347.64	5.83
23 05 48 00-0148	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	399.31	5.83
23 05 48 00-0149	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	294.34	5.83
23 05 48 00-0150	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	329.76	5.83
23 05 48 00-0151	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	273.37	5.83
23 05 48 00-0152	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	330.16	7.78
23 05 48 00-0153	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	511.61	7.78
23 05 48 00-0154	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	581.32	7.78
23 05 48 00-0155	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	541.50	6.81
23 05 48 00-0156	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	582.90	6.81
23 05 48 00-0157	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	624.29	6.81
23 05 48 00-0158	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	712.78	9.08
23 05 48 00-0159	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	795.25	9.08
23 05 48 00-0160	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	879.48	9.08
23 05 48 00-0161 Braided Stainless Steel Flexible Hose Connectors (23 05 48 00-0115)				
Note: Over braided carbon steel connection.				
23 05 48 00-0162	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	159.72	3.70
23 05 48 00-0163	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	193.59	3.70
23 05 48 00-0164	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	226.82	3.70
23 05 48 00-0165	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	296.84	4.97
23 05 48 00-0166	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	364.19	4.97
23 05 48 00-0167	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	431.47	4.97
23 05 48 00-0168	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	180.98	4.36
23 05 48 00-0169	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	216.37	4.36
23 05 48 00-0170	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	251.93	4.36
23 05 48 00-0171	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	326.25	5.83
23 05 48 00-0172	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	397.07	5.83
23 05 48 00-0173	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	466.91	5.83
23 05 48 00-0174	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	191.14	5.83
23 05 48 00-0175	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	231.68	5.99
23 05 48 00-0176	FT	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	272.81	5.83
23 05 48 00-0177	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	361.26	7.78
23 05 48 00-0178	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	443.07	7.78
23 05 48 00-0179	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	527.20	7.78
23 05 48 00-0180	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	385.61	11.35
23 05 48 00-0181	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	573.13	11.42
23 05 48 00-0182	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	768.82	15.06
23 05 48 00-0183	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	956.41	15.06
23 05 48 00-0184	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded.....	1,143.96	15.06

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 48 Vibration And Seismic Controls For HVAC**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

23 05 48 00-0185	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	673.25	13.78
23 05 48 00-0186	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	815.12	13.78
23 05 48 00-0187	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,105.67	17.92
23 05 48 00-0188	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,387.11	17.92
23 05 48 00-0189	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,668.48	17.92
23 05 48 00-0190	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	719.34	17.23
23 05 48 00-0191	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,074.03	17.23
23 05 48 00-0192	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,439.07	22.43
23 05 48 00-0193	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,795.01	22.43
23 05 48 00-0194	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,149.44	22.43
23 05 48 00-0195	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,437.22	20.83
23 05 48 00-0196	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,879.87	20.83
23 05 48 00-0197	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,350.35	28.03
23 05 48 00-0198	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,796.89	28.03
23 05 48 00-0199	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,245.52	28.03

23 05 48 00-0200 Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 00-0115)

Note: Flanged end connection (carbon steel ends).

23 05 48 00-0201	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	123.09	3.66
23 05 48 00-0202	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	172.77	3.66
23 05 48 00-0203	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	225.22	4.90
23 05 48 00-0204	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	274.97	4.90
23 05 48 00-0205	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	324.73	4.90
23 05 48 00-0206	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	139.98	4.36
23 05 48 00-0207	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	192.41	4.36
23 05 48 00-0208	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	248.09	5.83
23 05 48 00-0209	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	300.55	5.83
23 05 48 00-0210	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	352.10	5.83
23 05 48 00-0211	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	173.43	5.83
23 05 48 00-0212	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	234.62	5.83
23 05 48 00-0213	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	301.12	7.78
23 05 48 00-0214	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	370.65	7.78
23 05 48 00-0215	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	423.78	7.78
23 05 48 00-0216	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	307.36	11.42
23 05 48 00-0217	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	446.01	11.42
23 05 48 00-0218	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	592.85	15.06
23 05 48 00-0219	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	731.52	15.06
23 05 48 00-0220	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	870.17	15.06
23 05 48 00-0221	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	566.12	13.78
23 05 48 00-0222	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	671.01	13.78
23 05 48 00-0223	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	888.97	18.30
23 05 48 00-0224	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,097.01	18.30
23 05 48 00-0225	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,304.95	18.30
23 05 48 00-0226	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	992.67	17.23
23 05 48 00-0227	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends)	1,253.99	17.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 00-0228	EA		10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,529.83	22.97
23 05 48 00-0229	EA		10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,792.35	22.97
23 05 48 00-0230	EA		10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,004.51	22.97
23 05 48 00-0231	EA		12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,375.74	20.83
23 05 48 00-0232	EA		12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,707.35	20.83
23 05 48 00-0233	EA		12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,054.85	28.03
23 05 48 00-0234	EA		12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,386.45	28.03
23 05 48 00-0235	EA		12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,718.06	28.03

23 05 53 Identification For HVAC Piping And Equipment (23 05)

23 05 53 00-0001 Systems Identification (23 05 53)

23 05 53 00-0002 Pipe Marker Snap-On Type Plastic (23 05 53 00-0001)

Note: Outside diameters include insulation where necessary.

23 05 53 00-0003	EA		1/2" Outside Diameter Snap-On Plastic Marker.....	9.52	
23 05 53 00-0004	EA		3/4" Outside Diameter Snap-On Plastic Marker.....	9.73	
23 05 53 00-0005	EA		1" Outside Diameter Snap-On Plastic Marker.....	9.84	
23 05 53 00-0006	EA		1-1/4" Outside Diameter Snap-On Plastic Marker.....	10.01	
23 05 53 00-0007	EA		1-1/2" Outside Diameter Snap-On Plastic Marker.....	10.98	
23 05 53 00-0008	EA		2" Outside Diameter Snap-On Plastic Marker.....	11.36	
23 05 53 00-0009	EA		2-1/2" Outside Diameter Snap-On Plastic Marker.....	15.40	
23 05 53 00-0010	EA		3" Outside Diameter Snap-On Plastic Marker.....	15.69	
23 05 53 00-0011	EA		3-1/2" Outside Diameter Snap-On Plastic Marker.....	16.02	
23 05 53 00-0012	EA		4" Outside Diameter Snap-On Plastic Marker.....	16.20	
23 05 53 00-0013	EA		4-1/2" Outside Diameter Snap-On Plastic Marker.....	16.38	
23 05 53 00-0014	EA		5" Outside Diameter Snap-On Plastic Marker.....	16.56	
23 05 53 00-0015	EA		6" Outside Diameter Snap-On Plastic Marker.....	17.21	
23 05 53 00-0016	EA		7" Outside Diameter Snap-On Plastic Marker.....	17.41	
23 05 53 00-0017	EA		8" Outside Diameter Snap-On Plastic Marker.....	20.19	
23 05 53 00-0018	EA		10" Outside Diameter Snap-On Plastic Marker.....	21.29	
23 05 53 00-0019	EA		12" Outside Diameter Snap-On Plastic Marker.....	24.85	
23 05 53 00-0020	EA		14" Outside Diameter Snap-On Plastic Marker.....	28.39	

23 05 53 00-0021 Pipe Markers Pressure-Sensitive (23 05 53 00-0001)

Note: Stick on include arrow tape. Outside diameter includes insulation where necessary.

23 05 53 00-0022	EA		1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	9.40	
23 05 53 00-0023	EA		3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	9.82	
23 05 53 00-0024	EA		1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	10.66	
23 05 53 00-0025	EA		1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	10.83	
23 05 53 00-0026	EA		1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.51	
23 05 53 00-0027	EA		2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	11.77	
23 05 53 00-0028	EA		2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.15	
23 05 53 00-0029	EA		3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.48	
23 05 53 00-0030	EA		3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.73	
23 05 53 00-0031	EA		4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	14.00	
23 05 53 00-0032	EA		4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	14.52	
23 05 53 00-0033	EA		5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.09	
23 05 53 00-0034	EA		6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.59	
23 05 53 00-0035	EA		7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	16.08	
23 05 53 00-0036	EA		8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	17.12	
23 05 53 00-0037	EA		10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	18.55	
23 05 53 00-0038	EA		12" Outside Diameter Press-Sensitive Marker Stick-on.....	21.59	

23 05 53 00-0039 Valve Identification Tag (23 05 53 00-0001)

Note: Includes beaded chain and/or "S" hook.

23 05 53 00-0040	EA		2" Diameter Identification Tag, Brass.....	8.12	
23 05 53 00-0041	EA		1-1/2" Diameter Identification Tag, Plastic.....	7.75	
23 05 53 00-0042	EA		1-1/2" Diameter Identification Tag, Brass.....	7.63	

23 05 93 Testing, Adjusting, And Balancing For HVAC (23 05)

Note: New systems include all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems.

23 05 93 00-0001 Heating And Ventilating Equipment (23 05 93)

23 05 93 00-0002	EA		Balancing Centrifugal Fans.....	360.53	
			<i>For Testing Of Unit Without Balancing, Deduct</i>	-180.27	
23 05 93 00-0003	EA		Balancing Heating And Ventilating Units.....	450.48	
			<i>For Testing Of Unit Without Balancing, Deduct</i>	-225.24	
23 05 93 00-0004	EA		Balancing In Line Fan.....	405.60	
			<i>For Testing Of Unit Without Balancing, Deduct</i>	-202.80	
23 05 93 00-0005	EA		Balancing Propeller And Wall Fan.....	90.13	
			<i>For Testing Of Unit Without Balancing, Deduct</i>	-45.07	
23 05 93 00-0006	EA		Balancing Roof Exhaust Fan.....	270.38	
			<i>For Testing Of Unit Without Balancing, Deduct</i>	-135.19	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 93 Testing, Adjusting, And Balancing For HVAC**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 93 00-0007	EA Balancing Wall Fan..... <i>For Testing Of Unit Without Balancing, Deduct</i>	67.59 -33.80	
23 05 93 00-0008	EA Balancing Fan Section Exhaust..... <i>For Testing Of Unit Without Balancing, Deduct</i>	359.96 -179.98	
23 05 93 00-0009	Air Conditioning Equipment <small>(23 05 93)</small>		
23 05 93 00-0010	EA Balancing Constant Volume Air Handling Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	622.75 -311.38	
23 05 93 00-0011	EA Balancing Package A/C Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	233.53 -116.77	
23 05 93 00-0012	EA Balancing Rooftop Heat And Cool Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	311.37 -155.69	
23 05 93 00-0013	EA Balancing Variable Volume Air Handling Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	1,089.80 -544.90	
23 05 93 00-0014	Registers, Diffusers, Terminal Air Units And Dampers <small>(23 05 93)</small>		
23 05 93 00-0015	EA Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser..... <i>For Testing Of Unit Without Balancing, Deduct</i>	67.60 -33.80	
23 05 93 00-0016	EA Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser..... <i>For Testing Of Unit Without Balancing, Deduct</i>	112.67 -56.34	
23 05 93 00-0017	EA Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser..... <i>For Testing Of Unit Without Balancing, Deduct</i>	58.59 -29.30	
23 05 93 00-0018	EA Balance Variable Air Volume Box..... <i>For Testing Of Unit Without Balancing, Deduct</i>	63.48 -31.74	
23 05 93 00-0019	EA Balance Constant Volume Box..... <i>For Testing Of Unit Without Balancing, Deduct</i>	63.48 -31.74	
23 05 93 00-0020	EA Balance Fan Powered Box..... <i>For Testing Of Unit Without Balancing, Deduct</i>	72.11 -36.06	
23 05 93 00-0021	EA Balance Lab Fume Hood..... <i>For Testing Of Unit Without Balancing, Deduct</i>	292.94 -146.47	
23 05 93 00-0022	EA Balance General Hood..... <i>For Testing Of Unit Without Balancing, Deduct</i>	225.33 -112.67	
23 05 93 00-0023	EA Balance Induction Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	135.20 -67.60	
23 05 93 00-0024	EA Balance Moduline - Master..... <i>For Testing Of Unit Without Balancing, Deduct</i>	54.06 -27.03	
23 05 93 00-0025	EA Balance Moduline - Slave..... <i>For Testing Of Unit Without Balancing, Deduct</i>	27.03 -13.52	
23 05 93 00-0026	EA Balance Dampers..... <i>For Testing Of Unit Without Balancing, Deduct</i>	25.11 -12.56	
23 05 93 00-0027	EA Balance Regenerators..... <i>For Testing Of Unit Without Balancing, Deduct</i>	359.96 -179.98	
23 05 93 00-0028	Water Balancing Of Components <small>(23 05 93)</small>		
23 05 93 00-0029	EA Water Balance, Air Cool Condenser..... <i>For Testing Of Unit Without Balancing, Deduct</i>	428.17 -214.09	
23 05 93 00-0030	EA Water Balance, Cabinet Heater..... <i>For Testing Of Unit Without Balancing, Deduct</i>	54.49 -27.25	
23 05 93 00-0031	EA Water Balance, Chiller, Air Cooled..... <i>For Testing Of Unit Without Balancing, Deduct</i>	467.01 -233.51	
23 05 93 00-0032	EA Water Balance, Chiller, Water Cooled..... <i>For Testing Of Unit Without Balancing, Deduct</i>	622.75 -311.38	
23 05 93 00-0033	EA Water Balance, Cooling Tower..... <i>For Testing Of Unit Without Balancing, Deduct</i>	311.37 -155.69	
23 05 93 00-0034	EA Water Balance, Fan Coil And Vent..... <i>For Testing Of Unit Without Balancing, Deduct</i>	77.89 -38.95	
23 05 93 00-0035	EA Water Balance, Fin Tube And Radiant Panel..... <i>For Testing Of Unit Without Balancing, Deduct</i>	77.84 -38.92	
23 05 93 00-0036	EA Water Balance, Main And Duct Re-Heat Coil..... <i>For Testing Of Unit Without Balancing, Deduct</i>	85.63 -42.82	
23 05 93 00-0037	EA Water Balance, Pumps..... <i>For Testing Of Unit Without Balancing, Deduct</i>	233.53 -116.77	
23 05 93 00-0038	EA Water Balance, Unit Heater..... <i>For Testing Of Unit Without Balancing, Deduct</i>	54.49 -27.25	
23 05 93 00-0039	EA Water Balancing, Converter..... <i>For Testing Of Unit Without Balancing, Deduct</i>	233.62 -116.81	
23 05 93 00-0040	EA Water Balancing, Cocks And Valves..... <i>For Testing Of Unit Without Balancing, Deduct</i>	38.91 -19.46	
23 05 93 00-0041	EA Water Balance, Convectector..... <i>For Testing Of Unit Without Balancing, Deduct</i>	46.70 -23.35	
23 05 93 00-0042	EA Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves..... <i>For Testing Of Unit Without Balancing, Deduct</i>	58.39 -29.20	
23 05 93 00-0043	EA Water Balance, Boiler, Up To 500 MBH..... <i>For Testing Of Unit Without Balancing, Deduct</i>	505.97 -252.99	
23 05 93 00-0044	EA >500 To 1,000 MBH, Water Balance, Boiler..... <i>For Testing Of Unit Without Balancing, Deduct</i>	934.11 -467.06	
23 05 93 00-0045	EA >1,000 MBH, Water Balance, Boiler..... <i>For Testing Of Unit Without Balancing, Deduct</i>	1,712.55 -856.28	
23 05 93 00-0046	Non Destructive Testing <small>(23 05 93)</small>		
23 05 93 00-0047	X-Ray Welds, Non-Destructive Testing <small>(23 05 93 00-0046)</small>		
23 05 93 00-0048	X-Ray Welds Minimum Set-Up Charge <small>(23 05 93 00-0047)</small>		

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

23 05 93 00-0049 EA X-Ray Welds Minimum Set-Up Charge 638.17
 Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively.
 This task should not be used in conjunction with any other tasks in this section.

23 05 93 00-0050 Piping, X-Ray Welds, Non Destructive Testing (23 05 93 00-0047)

23 05 93 00-0051 EA Up To 3/4" Piping, X-Ray Welds, Non Destructive Testing 63.54
 23 05 93 00-0052 EA 1" Piping, X-Ray Welds, Non Destructive Testing 72.35
 23 05 93 00-0053 EA 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non Destructive Testing 81.17
 23 05 93 00-0054 EA 2" Piping, X-Ray Welds, Non Destructive Testing 85.76
 23 05 93 00-0055 EA 3" Piping, X-Ray Welds, Non Destructive Testing 90.35
 23 05 93 00-0056 EA 4" Piping, X-Ray Welds, Non Destructive Testing 95.31
 23 05 93 00-0057 EA 6" Piping, X-Ray Welds, Non Destructive Testing 104.49
 23 05 93 00-0058 EA 8" Piping, X-Ray Welds, Non Destructive Testing 113.67
 23 05 93 00-0059 EA 10" Piping, X-Ray Welds, Non Destructive Testing 118.61
 23 05 93 00-0060 EA 12" Piping, X-Ray Welds, Non Destructive Testing 123.57

23 05 93 00-0061 Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0046)
23 05 93 00-0062 Piping, Liquid Penetration Of Welds, Non Destructive Testing (23 05 93 00-0061)

23 05 93 00-0063 EA Up To 3/4" Piping, Liquid Penetration Of Welds, Non Destructive Testing 72.38
 23 05 93 00-0064 EA 1" Piping, Liquid Penetration Of Welds, Non Destructive Testing 76.60
 23 05 93 00-0065 EA 1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non Destructive Testing 80.83
 23 05 93 00-0066 EA 2" Piping, Liquid Penetration Of Welds, Non Destructive Testing 82.94
 23 05 93 00-0067 EA 3" Piping, Liquid Penetration Of Welds, Non Destructive Testing 86.11
 23 05 93 00-0068 EA 4" Piping, Liquid Penetration Of Welds, Non Destructive Testing 89.29
 23 05 93 00-0069 EA 6" Piping, Liquid Penetration Of Welds, Non Destructive Testing 95.63
 23 05 93 00-0070 EA 8" Piping, Liquid Penetration Of Welds, Non Destructive Testing 101.97
 23 05 93 00-0071 EA 10" Piping, Liquid Penetration Of Welds, Non Destructive Testing 108.31
 23 05 93 00-0072 EA 12" Piping, Liquid Penetration Of Welds, Non Destructive Testing 114.65

23 05 93 00-0073 Hydrostatic Testing (23 05 93 00-0046)

Note: Includes flushing and restoring of system.

23 05 93 00-0074 Piping, Hydrostatic Testing (23 05 93 00-0073)

23 05 93 00-0075 EA Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing 556.26
 23 05 93 00-0076 EA >100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing 794.67
 23 05 93 00-0077 EA >250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing 952.17
 23 05 93 00-0078 EA >500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing 1,268.29
 23 05 93 00-0079 EA >1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing 1,921.65
 23 05 93 00-0080 EA Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing 739.61
 23 05 93 00-0081 EA >100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing 1,056.90
 23 05 93 00-0082 EA >250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing 1,258.22
 23 05 93 00-0083 EA >500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing 1,648.76
 23 05 93 00-0084 EA >1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing 2,494.29
 23 05 93 00-0085 EA Up To 100', >4" To 10" Piping, Hydrostatic Testing 963.90
 23 05 93 00-0086 EA >100' To 250', >4" To 10" Piping, Hydrostatic Testing 1,373.98
 23 05 93 00-0087 EA >250' To 500', >4" To 10" Piping, Hydrostatic Testing 1,465.47
 23 05 93 00-0088 EA >500' To 1,000', >4" To 10" Piping, Hydrostatic Testing 1,919.88
 23 05 93 00-0089 EA >1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing 2,904.42
 23 05 93 00-0090 EA Up To 100', >10" To 14" Piping, Hydrostatic Testing 1,251.38
 23 05 93 00-0091 EA >100' To 250', >10" To 14" Piping, Hydrostatic Testing 1,784.04
 23 05 93 00-0092 EA >250' To 500', >10" To 14" Piping, Hydrostatic Testing 1,905.48
 23 05 93 00-0093 EA >500' To 1,000', >10" To 14" Piping, Hydrostatic Testing 2,499.24
 23 05 93 00-0094 EA >1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing 3,786.73

23 05 93 00-0095 Pneumatic Testing (23 05 93 00-0046)

Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.

23 05 93 00-0096 Piping, Pneumatic Testing (23 05 93 00-0095)

23 05 93 00-0097 EA Up To 100', Up To 1-1/2" Piping, Pneumatic Testing 632.57
 Note: Includes soaping joints.
 23 05 93 00-0098 EA >100' To 250', Up To 1-1/2" Piping, Pneumatic Testing 902.62
 Note: Includes soaping joints.
 23 05 93 00-0099 EA >250' To 500', Up To 1-1/2" Piping, Pneumatic Testing 974.68
 Note: Includes soaping joints.
 23 05 93 00-0100 EA >500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing 1,248.39
 Note: Includes soaping joints.
 23 05 93 00-0101 EA >1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing 1,952.68
 Note: Includes soaping joints.
 23 05 93 00-0102 EA Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing 825.41
 Note: Includes soaping joints.
 23 05 93 00-0103 EA >100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing 1,172.07
 Note: Includes soaping joints.
 23 05 93 00-0104 EA >250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing 1,267.01
 Note: Includes soaping joints.
 23 05 93 00-0105 EA >500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing 1,623.25
 Note: Includes soaping joints.
 23 05 93 00-0106 EA >1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing 2,538.12
 Note: Includes soaping joints.
 23 05 93 00-0107 EA Up To 100', >4" To 10" Piping, Pneumatic Testing 993.72
 Note: Includes soaping joints.
 23 05 93 00-0108 EA >100' To 250', >4" To 10" Piping, Pneumatic Testing 1,402.39
 Note: Includes soaping joints.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 05 Common Work Results For HVAC****23 05 93 Testing, Adjusting, And Balancing For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing..... Note: Includes soaping joints.	1,604.26	
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing..... Note: Includes soaping joints.	2,049.76	
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing..... Note: Includes soaping joints.	3,209.66	
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing..... Note: Includes soaping joints.	1,293.92	
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing..... Note: Includes soaping joints.	1,823.24	
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing..... Note: Includes soaping joints.	2,086.15	
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing..... Note: Includes soaping joints.	2,665.19	
23 05 93 00-0116	EA	>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing..... Note: Includes soaping joints.	4,179.24	

23 05 93 00-0117 EPA Testing Of Sludge (23 05 93)

23 05 93 00-0118	EA	Flashpoint And Lead Test For Lead.....	561.91	
23 05 93 00-0119	EA	Air Test/Combustion Gas Level.....	62.37	
23 05 93 00-0120	EA	Toxicity Test For Heavy Metals.....	860.97	
23 05 93 00-0121	EA	Aboveground Tank Water Settlement Test Including Water.....	654.31	

23 07 HVAC Insulation (23)**23 07 13 Duct Insulation (23 07)**

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation (23 07 13)

Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.

23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0003	SF	1" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2.49 -0.09 0.68	1.70
23 07 13 00-0004	SF	1-1/2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2.92 -0.10 0.80	1.70
23 07 13 00-0005	SF	2" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3.32 -0.11 0.91	2.55
23 07 13 00-0006	SF	3" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3.90 -0.14 1.07	2.98
23 07 13 00-0007	SF	4" Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4.38 -0.22 1.15	3.23

23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0009	SF	1" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3.09 -0.10 0.85	2.55
23 07 13 00-0010	SF	1-1/2" Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3.59 -0.13 0.98	2.98
23 07 13 00-0011	SF	2" Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4.24 -0.15 1.16	3.40

23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation (23 07 13 00-0001)

23 07 13 00-0013	SF	1" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	3.85 -0.18 1.02	3.40
23 07 13 00-0014	SF	1-1/2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4.67 -0.31 1.17	3.82
23 07 13 00-0015	SF	2" Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation..... <i>For Plain Blanket, With No Facing, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.44 -0.36 1.36	4.25

23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation (23 07 13)

Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.

23 07 13 00-0017	SF	1", 3 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.73 18.25 13.39 11.07 2.27	4.42
23 07 13 00-0018	SF	1-1/2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.44 22.21 16.33 13.49 2.75	5.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0019	SF		2", 3 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i> <i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i> <i>For Non-Metallic Weatherproof Paste, 2 LB, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.42 26.83 19.73 16.30 3.32	6.49
23 07 13 00-0020			4.253 LB/CF FSK Rigid Fiber Glass Board Insulation ^(23 07 13) Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF		1", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	8.90 2.49	4.86
23 07 13 00-0022	SF		1-1/2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	11.44 3.03	5.92
23 07 13 00-0023	SF		2", 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <i>For Work In Restricted Working Space, Add</i>	14.54 3.66	7.14
23 07 13 00-0024			Sheet Flexible Elastomeric Insulation ^(23 07 13)		
23 07 13 00-0025	SF		3/8" Thick Sheet Flexible Elastomeric Insulation	5.68	2.29
23 07 13 00-0026	SF		1/2" Thick Sheet Flexible Elastomeric Insulation	6.05	2.43
23 07 13 00-0027	SF		3/4" Thick Sheet Flexible Elastomeric Insulation	7.68	2.55
23 07 13 00-0028	SF		1" Thick Sheet Flexible Elastomeric Insulation	8.75	2.68
23 07 13 00-0029	SF		1-1/2" Thick Sheet Flexible Elastomeric Insulation	11.79	2.93
23 07 13 00-0030	SF		2" Thick Sheet Flexible Elastomeric Insulation	13.83	3.19
23 07 13 00-0031			Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation ^(23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032	SF		1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	8.00	2.43
23 07 13 00-0033	SF		3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	8.75	2.55
23 07 13 00-0034	SF		1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	9.68	2.68
23 07 13 00-0035	SF		1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	14.59	2.93
23 07 13 00-0036	SF		2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	17.17	3.19
23 07 13 00-0037			Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation ^(23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038	SF		1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	9.39	2.43
23 07 13 00-0039	SF		3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	10.14	2.55
23 07 13 00-0040	SF		1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	11.31	2.68
23 07 13 00-0041	SF		1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.20	2.93
23 07 16 HVAC Equipment Insulation ^(23 07)					
23 07 16 00-0001			Calcium Silicate Block Insulation ^(23 07 16)		
23 07 16 00-0002	SF		1" Calcium Silicate Block Insulation <i>For Work In Restricted Working Space, Add</i>	12.76 3.19	5.32
23 07 16 00-0003	SF		1-1/2" Calcium Silicate Block Insulation <i>For Work In Restricted Working Space, Add</i>	15.15 3.59	5.97
23 07 16 00-0004	SF		2" Calcium Silicate Block Insulation <i>For Work In Restricted Working Space, Add</i>	18.10 4.15	6.89
23 07 16 00-0005	SF		2-1/2" Calcium Silicate Block Insulation <i>For Work In Restricted Working Space, Add</i>	21.52 4.85	8.09
23 07 16 00-0006	SF		3" Calcium Silicate Block Insulation <i>For Work In Restricted Working Space, Add</i>	26.32 5.97	9.96
23 07 19 HVAC Piping Insulation ^(23 07)					
			See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001			Calcium Silicate Pipe Insulation ^(23 07 19) Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0504 for protective jacketing.		
23 07 19 00-0002			1" Thick Calcium Silicate Pipe Insulation ^(23 07 19 00-0001)		
23 07 19 00-0003	LF		1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	9.90	2.79
			<i>For Work In Restricted Working Space, Add</i>	2.10	
23 07 19 00-0004	LF		3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	9.90	2.79
			<i>For Work In Restricted Working Space, Add</i>	2.10	
23 07 19 00-0005	LF		1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	9.88	2.83
			<i>For Work In Restricted Working Space, Add</i>	2.13	
23 07 19 00-0006	LF		1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.03	2.87
			<i>For Work In Restricted Working Space, Add</i>	2.16	
23 07 19 00-0007	LF		1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.15	2.91
			<i>For Work In Restricted Working Space, Add</i>	2.19	
23 07 19 00-0008	LF		2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	10.79	3.00
			<i>For Work In Restricted Working Space, Add</i>	2.25	
23 07 19 00-0009	LF		2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	11.28	3.12
			<i>For Work In Restricted Working Space, Add</i>	2.34	
23 07 19 00-0010	LF		3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	11.74	3.20
			<i>For Work In Restricted Working Space, Add</i>	2.40	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 07 19 00-0011	LF 4" Diameter Pipe, 1" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.29 2.58	3.44
23 07 19 00-0012	LF 6" Diameter Pipe, 1" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	14.82 2.91	3.88
23 07 19 00-0013	1-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0014	LF 1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	10.36 2.18	2.91
23 07 19 00-0015	LF 3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	10.40 2.18	2.91
23 07 19 00-0016	LF 1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	11.12 2.31	3.08
23 07 19 00-0017	LF 1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	11.53 2.36	3.14
23 07 19 00-0018	LF 1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	11.94 2.40	3.20
23 07 19 00-0019	LF 2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	12.78 2.53	3.37
23 07 19 00-0020	LF 2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.34 2.58	3.43
23 07 19 00-0021	LF 3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.83 2.66	3.55
23 07 19 00-0022	LF 4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.34 2.88	3.83
23 07 19 00-0023	LF 6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	17.81 3.36	4.48
23 07 19 00-0024	LF 8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	20.58 3.55	4.73
23 07 19 00-0025	LF 10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.75 4.25	5.66
23 07 19 00-0026	LF 12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.24 4.94	6.59
23 07 19 00-0027	LF 14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	33.61 5.42	7.23
23 07 19 00-0028	LF 16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	40.40 6.90	9.20
23 07 19 00-0029	LF 18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.39 7.24	9.65
23 07 19 00-0030	2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0031	LF 1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	12.85 2.40	3.20
23 07 19 00-0032	LF 3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.11 2.40	3.20
23 07 19 00-0033	LF 1" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.49 2.43	3.24
23 07 19 00-0034	LF 1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	13.98 2.46	3.28
23 07 19 00-0035	LF 1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	14.33 2.49	3.32
23 07 19 00-0036	LF 2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	14.94 2.58	3.44
23 07 19 00-0037	LF 2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	16.52 2.67	3.56
23 07 19 00-0038	LF 3" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	16.86 2.76	3.68
23 07 19 00-0039	LF 4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	18.56 2.91	3.89
23 07 19 00-0040	LF 6" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	22.70 3.50	4.66
23 07 19 00-0041	LF 8" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.45 3.69	4.92
23 07 19 00-0042	LF 10" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	31.23 4.42	5.89
23 07 19 00-0043	LF 12" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	35.97 5.29	7.05
23 07 19 00-0044	LF 14" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	44.77 7.38	9.83
23 07 19 00-0045	LF 16" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	46.83 7.38	9.83
23 07 19 00-0046	LF 18" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	50.08 7.75	10.33
23 07 19 00-0047	LF 20" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	59.39 8.85	11.81
23 07 19 00-0048	LF 24" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	69.47 10.70	14.26
23 07 19 00-0049	2-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0050	LF 1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.33 2.77	3.68
23 07 19 00-0051	LF 3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.61 2.77	3.68
23 07 19 00-0052	LF 1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.87 2.81	3.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0053	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	16.02 2.83	3.77
23 07 19 00-0054	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	16.40 2.85	3.80
23 07 19 00-0055	LF		2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	17.09 2.97	3.96
23 07 19 00-0056	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.00 3.07	4.10
23 07 19 00-0057	LF		3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.36 3.18	4.24
23 07 19 00-0058	LF		4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	22.12 3.35	4.47
23 07 19 00-0059	LF		6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	27.25 3.81	5.08
23 07 19 00-0060	LF		8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	31.02 4.25	5.67
23 07 19 00-0061	LF		10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	36.93 4.90	6.53
23 07 19 00-0062	LF		12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	43.26 6.09	8.12
23 07 19 00-0063	LF		14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	47.78 6.65	8.87
23 07 19 00-0064	LF		16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	58.34 8.50	11.33
23 07 19 00-0065	LF		18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	61.58 8.92	11.90
23 07 19 00-0066	LF		20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	71.31 10.20	13.60
23 07 19 00-0067	LF		24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	84.07 12.32	16.43
23 07 19 00-0068			3" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0069	LF		1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.01 3.06	4.08
23 07 19 00-0070	LF		3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.08 3.06	4.08
23 07 19 00-0071	LF		1" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.25 3.09	4.13
23 07 19 00-0072	LF		1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.44 3.11	4.15
23 07 19 00-0073	LF		1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.63 3.15	4.20
23 07 19 00-0074	LF		2" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	20.30 3.26	4.35
23 07 19 00-0075	LF		2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	22.34 3.38	4.50
23 07 19 00-0076	LF		3" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	22.84 3.50	4.66
23 07 19 00-0077	LF		4" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	26.59 3.69	4.92
23 07 19 00-0078	LF		6" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	31.38 4.19	5.59
23 07 19 00-0079	LF		8" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	36.31 4.67	6.23
23 07 19 00-0080	LF		10" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	43.01 5.39	7.19
23 07 19 00-0081	LF		12" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.03 6.70	8.94
23 07 19 00-0082	LF		14" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	55.44 7.31	9.75
23 07 19 00-0083	LF		16" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	65.47 9.35	12.46
23 07 19 00-0084	LF		18" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	70.41 9.82	13.08
23 07 19 00-0085	LF		20" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	82.23 11.22	14.97
23 07 19 00-0086	LF		24" Diameter Pipe, 3" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	97.48 13.55	18.08
23 07 19 00-0087			3-1/2" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0088	LF		1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	23.82 3.35	4.47
23 07 19 00-0089	LF		3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	24.62 3.35	4.47
23 07 19 00-0090	LF		1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	24.69 3.38	4.50
23 07 19 00-0091	LF		1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	24.76 3.40	4.53
23 07 19 00-0092	LF		1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	25.48 3.44	4.59
23 07 19 00-0093	LF		2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	26.97 3.56	4.74
23 07 19 00-0094	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	29.16 3.68	4.91
23 07 19 00-0095	LF		3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation..... <i>For Work In Restricted Working Space, Add</i>	30.19 3.81	5.08

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 07 19 00-0096	LF	4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	34.15 4.03	5.37
23 07 19 00-0097	LF	6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	38.17 4.58	6.10
23 07 19 00-0098	LF	8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	46.12 5.09	6.79
23 07 19 00-0099	LF	10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	55.81 5.88	7.84
23 07 19 00-0100	LF	12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	67.71 7.31	9.74
23 07 19 00-0101	LF	14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	71.54 7.98	10.64
23 07 19 00-0102	LF	16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	84.10 10.20	13.60
23 07 19 00-0103	LF	18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	95.85 10.71	14.27
23 07 19 00-0104	LF	20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	103.96 12.25	16.33

23 07 19 00-0105 4" Thick Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0106	LF	1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.39 3.72	4.96
23 07 19 00-0107	LF	3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.41 3.72	4.96
23 07 19 00-0108	LF	1" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.63 3.79	5.05
23 07 19 00-0109	LF	1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.39 3.83	5.11
23 07 19 00-0110	LF	1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.12 3.95	5.27
23 07 19 00-0111	LF	2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.81 4.08	5.44
23 07 19 00-0112	LF	2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	35.60 4.14	5.52
23 07 19 00-0113	LF	3" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.65 4.29	5.72
23 07 19 00-0114	LF	4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	41.35 4.53	6.04
23 07 19 00-0115	LF	6" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	47.75 5.14	6.85
23 07 19 00-0116	LF	8" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	56.60 5.73	7.64
23 07 19 00-0117	LF	10" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	65.18 6.62	8.83
23 07 19 00-0118	LF	12" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	74.76 8.22	10.96
23 07 19 00-0119	LF	14" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	79.68 8.98	11.98
23 07 19 00-0120	LF	16" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	95.00 11.48	15.31
23 07 19 00-0121	LF	18" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	100.90 12.03	16.04
23 07 19 00-0122	LF	20" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	112.01 13.77	18.36

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0124	SF	1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET) <i>For Work In Restricted Working Space, Add</i>	3.82 0.79	
------------------	----	--	--------------	--

23 08 Commissioning Of HVAC (23)

See CSI section 01 91 13 00-0001 for commissioning, 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation And Control For HVAC (23)**23 09 13 Instrumentation And Control Devices For HVAC (23 09)****23 09 13 56 Pneumatic Tubing (23 09 13)****23 09 13 56-0001 Polyurethane Pneumatic Tubing (23 09 13 56)**

23 09 13 56-0002	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	1.67	0.69
23 09 13 56-0003	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.03	0.71
23 09 13 56-0004	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.54	0.73
23 09 13 56-0005	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.11	0.76

23 09 13 56-0006 Fire Resistant Polyethylene Pneumatic Tubing (23 09 13 56)

23 09 13 56-0007	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.54	0.69
23 09 13 56-0008	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.64	0.71
23 09 13 56-0009	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	1.83	0.73
23 09 13 56-0010	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.18	0.76

23 09 13 56-0011 Nylon Pneumatic Tubing (23 09 13 56)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 13 56-0012	LF		1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	1.73	0.67
23 09 13 56-0013	LF		1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	2.19	0.69
23 09 13 56-0014	LF		3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	3.11	0.73
23 09 13 56-0015	LF		1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	3.88	0.76
23 09 13 56-0016			Flexible Vinyl Pneumatic Tubing <small>(23 09 13 56)</small>		
23 09 13 56-0017	LF		1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	1.72	0.69
23 09 13 56-0018	LF		3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.55	0.73
23 09 13 56-0019	LF		1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.00	0.76
23 09 13 56-0020	LF		5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.56	0.79
23 09 13 56-0021	LF		3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.99	0.81
23 09 13 56-0022	LF		1" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.30	0.83
23 09 13 56-0023			Braided Vinyl Pneumatic Tubing <small>(23 09 13 56)</small>		
23 09 13 56-0024	LF		5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	2.23	0.79
23 09 13 56-0025	LF		3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	2.53	0.81
23 09 13 56-0026	LF		1" Outside Diameter Braided Vinyl Pneumatic Tubing	3.06	0.83
23 09 13 56-0027			Copper Pneumatic Tubing <small>(23 09 13 56)</small>		
23 09 13 56-0028	LF		1/4" Outside Diameter Copper Pneumatic Tubing	4.32	1.51
23 09 13 56-0029	LF		3/8" Outside Diameter Copper Pneumatic Tubing	4.90	1.73
23 09 13 56-0030	LF		1/2" Outside Diameter Copper Pneumatic Tubing	6.11	1.99
23 09 13 56-0031	LF		5/8" Outside Diameter Copper Pneumatic Tubing	7.28	2.29
23 09 13 56-0032	LF		3/4" Outside Diameter Copper Pneumatic Tubing	8.84	2.64
23 09 13 56-0033			Brass Couplings <small>(23 09 13 56)</small>		
			See CSI section 22 11 16 00-0345 for copper tubing.		
23 09 13 56-0034			Straight Brass Couplings <small>(23 09 13 56-0033)</small>		
			Note: Barb x Barb		
23 09 13 56-0035	EA		1/4" x 1/4" Straight Brass Coupling	7.92	3.80
23 09 13 56-0036	EA		3/8" x 1/4" Straight Brass Coupling	7.97	3.80
23 09 13 56-0037	EA		3/8" x 3/8" Straight Brass Coupling	8.02	3.80
23 09 13 56-0038			Elbow Brass Couplings <small>(23 09 13 56-0033)</small>		
			Note: Barb x Barb		
23 09 13 56-0039	EA		1/4" x 1/4" Elbow Brass Coupling	8.20	3.80
23 09 13 56-0040	EA		3/8" x 3/8" Elbow Brass Coupling	8.37	3.80
23 09 13 56-0041			Tee Brass Couplings <small>(23 09 13 56-0033)</small>		
			Note: Barb x Barb		
23 09 13 56-0042	EA		1/4" x 1/4" x 1/4" Tee Brass Coupling	12.62	5.92
23 09 13 56-0043	EA		3/8" x 3/8" x 1/4" Tee Brass Coupling	14.06	6.34
23 09 13 56-0044	EA		3/8" x 3/8" x 3/8" Tee Brass Coupling	13.88	6.34
23 09 23			Direct-Digital Control System For HVAC <small>(23 09)</small>		
23 09 23 00-0001			EMCS General Costs <small>(23 09 23)</small>		
23 09 23 00-0002			EMCS System Design Engineering <small>(23 09 23 00-0001)</small>		
			Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 00-0003	HR		EMCS Site Inspection Of Existing Facilities	213.12	
23 09 23 00-0004	HR		EMCS Engineering Project Management	213.12	
23 09 23 00-0005	HR		EMCS System Engineering, Schematic Design And Layout	226.03	
23 09 23 00-0006	HR		EMCS System Software Programming And Graphics Programming	226.03	
23 09 23 00-0007	HR		EMCS Graphics Picture Creation	145.34	
23 09 23 00-0008	HR		EMCS System Controls Training	213.12	
23 09 23 00-0009	HR		EMCS On Site System Diagnostics Field Technician	213.12	
23 09 23 00-0010	HR		EMCS Remote Technical Support Using Phone Or Internet	177.64	
23 09 23 00-0011	HR		EMCS Travel Time (All Personnel)	184.10	
23 09 23 00-0012			Post Warranty Field Tests, Checkout And Commissioning <small>(23 09 23 00-0001)</small>		
			Note: Tasks used for building commissioning of other contractors' work or post warranty service work. A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0013	PNT		EMCS Field Test	113.05	
			Note: Priced per point. Task used after warranty period only.		
23 09 23 00-0014	PNT		EMCS Field Checkout And Startup	113.05	
			Note: Priced per point. Task used after warranty period only.		
23 09 23 00-0015	PNT		EMCS Field Commissioning	113.05	
			Note: Priced per point. Used when the owner requires an independent commissioning firm.		
23 09 23 00-0016	EA		EMCS Field Balance Support	96.87	
			Note: Priced per controller. Task used after warranty period only.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0017			EMCS System Engineering/Submittal Design And Layout <small>(23 09 23 00-0001)</small> Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 00-0018	PNT		EMCS System Engineering/Submittal Design And Layout Note: Priced per point.	37.71	
23 09 23 00-0019			Install EMCS Field Devices And Controllers (Labor Only) <small>(23 09 23 00-0001)</small> Note: This section is used when equipment or devices are supplied by others, usually in a maintenance or trouble shooting situation. Excludes cable or conduit between panel and device.		
23 09 23 00-0020	EA		Mount An AHU Control Enclosure On Block, Masonry Or Gypsum Wall	195.37	32.29
23 09 23 00-0021	EA		Install AHU Power Supply In A Control Enclosure	142.07	64.58
23 09 23 00-0022	EA		Install Metal Box And Conduit Stub-Up For Sensor In Masonry Wall.....	195.37	32.29
23 09 23 00-0023	EA		Install And Wire Room Sensor	53.30	32.29
23 09 23 00-0024	EA		Install And Wire Duct Sensor	71.04	32.29
23 09 23 00-0025	EA		Install And Wire AHU Averaging Sensor.....	230.85	161.44
23 09 23 00-0026	EA		Install And Wire AHU Humidity Sensor	124.34	48.48
23 09 23 00-0027	EA		Install And Wire AHU CO2 Sensor.....	177.64	48.48
23 09 23 00-0028	EA		Install And Wire Fan Or Filter DP Switch	177.64	48.48
23 09 23 00-0029	EA		Install And Wire Float Switch	142.07	32.29
23 09 23 00-0030	EA		Install And Wire Freezestat.....	230.85	161.44
23 09 23 00-0031	EA		Install And Wire Duct Static Pressure Sensor.....	124.34	64.58
23 09 23 00-0032	EA		Install And Wire Duct High Static Sensor.....	71.04	32.29
23 09 23 00-0033	EA		Install And Wire Emergency Stop Switch For AHU Or Other Equipment	71.04	32.29
23 09 23 00-0034	EA		Install And Wire Emergency Stop Switch For AHU.....	213.12	64.58
23 09 23 00-0035	EA		Install And Wire AHU Connection To Starter	213.12	161.44
23 09 23 00-0036	EA		Install And Wire Connection To VFD	390.75	161.44
23 09 23 00-0037	EA		Install And Wire AHU Valve Actuator	106.60	32.29
23 09 23 00-0038	EA		Install And Wire AHU Damper Actuator	213.12	64.58
23 09 23 00-0039	EA		Install And Wire AHU Smoke Detector Or Fire Alarm Relay	124.34	48.48
23 09 23 00-0040	EA		Install And Wire AHU Electropneumatic Transducer.....	88.77	32.29
23 09 23 00-0041	EA		Install And Wire Electric Heat Or Sequencer	213.12	64.58
23 09 23 00-0042	EA		Install And Wire Connection To Outdoor Compressor	497.26	48.48
23 09 23 00-0043	EA		Install And Wire AHU Magnaheic.....	177.64	32.29
23 09 23 00-0044	EA		Install And Wire AHU Wireway For Control Enclosure.....	213.12	64.58
23 09 23 00-0045	EA		Wire And Assemble AHU Control Enclosure	390.75	
			Note: Includes installing all panel devices for a medium size panel.		
23 09 23 00-0046	EA		Field Install And Wire VAV Controller	142.07	64.58
			Note: Use when VAV box is previously installed.		
23 09 23 00-0047	EA		Shop Install And Wire VAV Controller.....	124.34	
23 09 23 00-0048	EA		Install And Wire VAV Power Supply.....	53.30	32.29
23 09 23 00-0049	EA		Wire VAV Fan In Parallel Or Series Fan Box.....	71.04	32.29
23 09 23 00-0050	EA		Install And Wire Fan Coil Unit Controller.....	355.19	96.87
23 09 23 00-0051	EA		Mount Fan Coil Unit, Heat Pump, Or Unit Ventilator Controller	106.60	
23 09 23 00-0052	EA		Install And Wire Central Plant Controller.....	497.26	290.61
			Note: For programmable DDC controller.		
23 09 23 00-0053	EA		Mount Central Plant Enclosure For DDC Control Enclosure.....	195.37	32.29
			Note: For programmable DDC controller.		
23 09 23 00-0054	EA		Install Central Plant Power Supply For DDC Programmable Controller.....	142.07	64.58
23 09 23 00-0055	EA		Install Central Plant Wireway For Programmable Controller	213.12	64.58
23 09 23 00-0056	EA		Install And Wire Chiller Controls For Enable And Setpoint Controls	426.23	96.87
23 09 23 00-0057	EA		Install And Wire Chiller Flow Switch.....	426.23	193.74
23 09 23 00-0058	EA		Install And Wire Chiller DP Transmitter.....	1,598.40	96.87
			Note: Includes installing copper tubing connection to water piping.		
23 09 23 00-0059	EA		Install And Wire Boiler Controls For Enable And Alarm	319.72	96.87
23 09 23 00-0060	EA		Install And Wire Boiler Safeties.....	319.72	96.87
			Note: For high water, low water and flame safeguard.		
23 09 23 00-0061	EA		Install Boiler Control Panel Enclosure On Block, Masonry Or Gypsum Wall	710.38	403.67
23 09 23 00-0062	EA		Wire And Terminate Combustion Air Damper	888.02	64.58
23 09 23 00-0063	EA		Wire Oil Tank Interlock For Oil Boiler.....	443.96	64.58
23 09 23 00-0064	EA		Install And Wire Boiler Emergency Stop Switch.....	888.02	193.74
23 09 23 00-0065	EA		Wire And Terminate Temperature Well Sensor	88.77	48.48
			Note: Excludes well.		
23 09 23 00-0066	EA		Install And Wire Strap On Sensor	213.12	48.48
23 09 23 00-0067	EA		Install And Wire CO2 Sensor For Room Or Space	177.64	48.48
			Note: Excludes stub-up.		
23 09 23 00-0068	EA		Install And Wire Valve Actuator.....	177.64	129.16
23 09 23 00-0069	EA		Install And Wire Outside Air Temperature Sensor	319.72	96.87
23 09 23 00-0070	EA		Install And Wire Outside Air Humidity Sensor.....	159.82	96.87
23 09 23 00-0071	EA		Install And Wire Flow Sensor.....	390.75	193.74
23 09 23 00-0072	EA		Install And Wire Pressure Sensor For Pump Or Building.....	390.75	193.74
23 09 23 00-0073	EA		Install And Wire Pump Starter.....	213.12	48.48
23 09 23 00-0074	EA		Install And Wire Pump VFD	390.75	96.87
23 09 23 00-0075	EA		Install And Wire Pump DP Switch	532.83	193.74
			Note: Includes installing copper tubing connection to water piping.		
23 09 23 00-0076	EA		Install And Wire System DP Transmitter.....	1,776.03	193.74
			Note: Includes installing copper tubing connection to water piping and wiring remote transmitter.		
23 09 23 00-0077	EA		Mount Starter Sized Up To 100 HP	142.07	96.87
23 09 23 00-0078	EA		Mount VFD Sized Up To 100 HP	355.19	322.90
23 09 23 00-0079	EA		Install And Wire Cooling Tower Control Enclosure	639.35	193.74
23 09 23 00-0080	EA		Install And Wire Vibration Switch For Cooling Tower.....	390.75	193.74
23 09 23 00-0081	EA		Install And Wire Cooling Tower Basin Heater.....	213.12	193.74
23 09 23 00-0082	EA		Install And Wire Basin Water Temperature Switch	213.12	96.87
23 09 23 00-0083	EA		Install And Wire Cooling Tower Make-Up Water Valve.....	213.12	193.74
23 09 23 00-0084	EA		Install And Wire Cooling Tower Make-Up Water Valve.....	213.12	193.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0085	EA		Install And Wire Refrigerant Monitor Panel	1,065.65	403.67
23 09 23 00-0086	EA		Install And Wire Break Glass Switch.....	213.12	96.87
23 09 23 00-0087	EA		Install And Wire Horn/Strobe For Refrigerant Monitor	159.82	64.58
23 09 23 00-0088	EA		Install And Wire Damper Actuator.....	213.12	64.58
23 09 23 00-0089	EA		Install And Wire Chemical Feed System.....	1,776.03	403.67
23 09 23 00-0090	EA		Wire And Assemble Control Enclosure.....	426.23	
			Note: Includes installing all panel devices in large size panel.		
23 09 23 00-0091	EA		Install And Wire Exhaust Fan DDC Control	443.96	80.77
			Note: Start or stop and status.		
23 09 23 00-0092	EA		Install And Wire Exhaust Fan Thermostat Control	142.07	48.48
23 09 23 00-0093	EA		Wire Lighting Contactor (Contactor Installed By Others)	443.96	64.58
23 09 23 00-0094	EA		Wire And Terminate Unit Heater	142.07	48.48
23 09 23 00-0095	EA		Wire Domestic Water Heater For Enable Or Disable.....	443.96	64.58
23 09 23 00-0096	EA		Wire And Install Current Transformer KWH Meter (With Power Off)	1,420.84	387.48
23 09 23 00-0097	EA		Wire Water Meter (Meter Installed By Others).....	1,420.84	96.87
23 09 23 00-0098	EA		Wire Gas Meter (Meter Installed By Others).....	1,420.84	96.87
23 09 23 00-0099	EA		Install Wireless Receiver And Wire To DDC Controls.....	177.64	64.58
23 09 23 00-0100	EA		Install Wireless Sensor	35.56	16.19
23 09 23 00-0101	EA		Wire Split System AC Thermostat	710.38	48.48
23 09 23 00-0102	EA		Wire Sump Pump Monitor Status Switch	532.83	96.87
23 09 23 00-0103	EA		Install Locking Cover/Wire Guard For Thermostat Or Wall Temperature Sensor	25.84	12.92
23 09 23 00-0104	EA		Install And Wire Combination Outside Air Temperature/Outside Air Humidity Sensor.....	479.53	193.74
23 09 23 00-0105			Honeywell Controls <small>(23 09 23)</small>		
23 09 23 00-0106			EMCS Central Equipment And Controllers <small>(23 09 23 00-0105)</small>		
23 09 23 00-0107			EMCS Network Area Controllers (BACnet Or Lon) <small>(23 09 23 00-0106)</small>		
			Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 00-0108	EA		Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004).....	7,030.06	419.77
			Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.		
23 09 23 00-0109	EA		Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022).....	5,024.21	419.77
			Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).		
23 09 23 00-0110	EA		Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201).....	4,007.35	419.77
			Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.		
23 09 23 00-0111	EA		Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ).....	4,816.53	419.77
			Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.		
23 09 23 00-0112	EA		Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN).....	3,979.49	419.77
			Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.		
23 09 23 00-0113	EA		Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)	3,979.49	419.77
			Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.		
23 09 23 00-0114	EA		16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B).....	4,259.35	419.77
			Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0115	EA		16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU).....	4,553.13	419.77
			Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0116	EA		16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)	4,259.35	419.77
			Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0117	EA		16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	4,553.13	419.77
			Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0118	EA		34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B).....	4,555.67	419.77
			Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0119	EA		34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU).....	4,849.45	419.77
			Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 00-0120	EA		34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)	4,555.67	419.77
			Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 00-0121	EA		34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	4,849.45	419.77
			Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 00-0122	EA		Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX).....	4,802.60	419.77
			Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0123	EA	Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only).....	5,784.00	419.77
Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBS controllers, capacity is limited by the characteristics of the application including size and complexity.				
23 09 23 00-0124	EA	Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ)	6,086.65	419.77
Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.				
23 09 23 00-0125	EA	Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ)	7,068.05	419.77
Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBS controllers, capacity is limited by the characteristics of the application including size and complexity.				
23 09 23 00-0126	EA	Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX)	6,100.58	419.77
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBS controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.				
23 09 23 00-0127	EA	Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ)	7,970.93	419.77
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.				
23 09 23 00-0128 EMCS Network Interfaces <small>(23 09 23 00-0106)</small>				
Note: Includes installation, start-up and tech labor.				
23 09 23 00-0129	EA	Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001)	966.56	116.25
Note: For desktop computer.				
23 09 23 00-0130	EA	Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009)	830.43	77.50
Note: For laptop computer.				
23 09 23 00-0131	EA	FTT-10 To FTT-10 Router (Honeywell Q7751A2010)	1,069.76	145.34
23 09 23 00-0132	EA	4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002)	1,595.91	209.93
23 09 23 00-0133	EA	Two Way Lon Repeater (Honeywell Q7740A1008)	862.71	209.93
23 09 23 00-0134	EA	FTT Termination Module For Network Bus (Honeywell 209541B)	69.37	25.84
23 09 23 00-0135 DDC Application Specific Controller Assemblies <small>(23 09 23 00-0106)</small>				
Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.				
23 09 23 00-0136	EA	Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,660.30	600.59
23 09 23 00-0137	EA	>10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,337.40	355.62
23 09 23 00-0138	EA	Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	1,795.92	600.59
23 09 23 00-0139	EA	>10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies	1,473.02	390.92
23 09 23 00-0140	EA	Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,970.33	668.44
23 09 23 00-0141	EA	>10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	1,728.11	501.14
23 09 23 00-0142	EA	Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,444.95	668.44
23 09 23 00-0143	EA	>10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies	2,105.95	511.48
23 09 23 00-0144	EA	Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,493.37	668.44
23 09 23 00-0145	EA	>10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,170.47	395.23
23 09 23 00-0146	EA	Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies	1,671.02	668.44
23 09 23 00-0147	EA	>10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,348.03	445.17
23 09 23 00-0148	EA	Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	1,927.63	668.44
23 09 23 00-0149	EA	>10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies	1,598.28	394.37
23 09 23 00-0150	EA	Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,105.27	668.44
23 09 23 00-0151	EA	>10 Field Installed Application Specific Fan Coil Unit Controller Assemblies	1,775.82	444.30
23 09 23 00-0152	EA	Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	2,382.80	668.44
23 09 23 00-0153	EA	>10 Factory Installed Application Specific Unit Ventilator Controller Assemblies	2,089.00	427.09
23 09 23 00-0154	EA	Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,738.08	668.44
23 09 23 00-0155	EA	>10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	2,444.19	500.27
23 09 23 00-0156 DDC Programmable Controller Assemblies <small>(23 09 23 00-0106)</small>				
Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 00-0163 for additional components.				
23 09 23 00-0157	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,721.56	513.45
23 09 23 00-0158	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	1,961.67	513.45
23 09 23 00-0159	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,573.79	603.86
23 09 23 00-0160	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies	2,813.90	603.86
23 09 23 00-0161	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,543.47	707.19
23 09 23 00-0162	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	4,821.03	707.19
23 09 23 00-0163 EMCS Optional DDC Controller Hardware <small>(23 09 23 00-0106)</small>				
Note: Used to expand the capacity of DDC programmable controller assemblies.				
23 09 23 00-0164	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005)	288.72	
Note: For constant volume single zone and heat pump AHUs.				
23 09 23 00-0165	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011)	333.68	
Note: For constant volume single zone and heat pump AHUs.				
23 09 23 00-0166	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001)	349.50	
Note: For constant volume single zone and heat pump AHUs.				

Table header with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST

Main table listing items such as VAV Controller Compatible Printed Wiring Board, VAV Controller With Internally Wired Subbase, etc., with corresponding unit costs.

23 09 23 00-0200 EMCS Software (23 09 23 00-0105)

23 09 23 00-0201 Software Packages And License (23 09 23 00-0200)

Detailed table of software packages and licenses including On Board Programming Tool, Software Upgrade To Provide Unrestricted Connected Device Limit, WEBStation-AX Software, etc.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0224	EA	WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009)	73,868.88	
23 09 23 00-0225	EA	Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....	3,798.96	
23 09 23 00-0226	EA	Additional Master WEBStation Software Licenses (Honeywell ZW200G1007).....	1,899.48	
23 09 23 00-0227	EA	Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....	1,562.36	
23 09 23 00-0228	EA	Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055).....	1,697.86	
		Note: As with other WEBS, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 00-0229		Initial Database Generation (23 09 23 00-0200)		
23 09 23 00-0230	PNT	Database Generation For Central Plant.....	57.78	
23 09 23 00-0231	PNT	Database Generation For Programmable Controller.....	57.78	
		Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 00-0232	EA	Database Generation For Application Specific Controller.....	57.78	
		Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 00-0233	EA	Replication Of Database Generation For Application Specific Controller.....	40.21	
		Note: Price per copy made.		
23 09 23 00-0234	EA	Database Generation For Remote IO Modules, Sensors, Etcetera	40.21	
23 09 23 00-0235		Application Software Programs (23 09 23 00-0200)		
23 09 23 00-0236	EA	Basic Application Program Package.....	2,410.97	
		Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.		
23 09 23 00-0237	EA	Optimum Start/Stop Program.....	80.59	
		Note: Priced per controller requiring optimum start programming.		
23 09 23 00-0238	EA	Duty Cycling Program.....	38.06	
23 09 23 00-0239	EA	Hot Deck/Cold Deck Reset Application Program	4,141.97	
23 09 23 00-0240	EA	Boiler Optimization Program.....	5,427.80	
23 09 23 00-0241	EA	Chiller Optimization Program.....	7,352.50	
23 09 23 00-0242	EA	Lighting Control Program.....	3,548.03	
23 09 23 00-0243	EA	Demand Limiting Program	70.69	
		Note: Priced per controller requiring optimum start programming.		
23 09 23 00-0244	EA	Email Alarm Server Configuration.....	2,737.16	
23 09 23 00-0245		Color Graphics Generation (23 09 23 00-0200)		
		Note: Priced per page.		
23 09 23 00-0246	EA	Single Site Home Page Graphics Page With HTML Navigation Code.....	1,444.70	
23 09 23 00-0247	EA	Multi Site Home Page Graphics Page With HTML Navigation Code	2,565.01	
23 09 23 00-0248	EA	Color Graphics Page For Central Plant.....	656.39	
23 09 23 00-0249	EA	Color Graphics Page For Building Floor Plan	606.10	
23 09 23 00-0250	EA	Replication Of Color Graphics Page For Central Plant	329.27	
23 09 23 00-0251	EA	Color Graphics Page For Programmable Controller	738.45	
		Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 00-0252	EA	Replication Of Color Graphics Page For Programmable Controller.....	157.92	
		Note: Priced per copy made.		
23 09 23 00-0253	EA	Color Graphics Page For Application Specific Controller.....	683.00	
		Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 00-0254	EA	Replication Of Color Graphics Page For Application Specific Cont	68.29	
		Note: Priced per copy made.		
23 09 23 00-0255		Sensors, Actuators And Control Devices (23 09 23 00-0105)		
		Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
23 09 23 00-0256		Special Sensors (23 09 23 00-0255)		
23 09 23 00-0257	EA	Dewpoint Sensor (Honeywell C7232B1014).....	1,174.24	53.30
23 09 23 00-0258	EA	Enthalpy Sensor -25 To 125 F	1,223.17	53.30
23 09 23 00-0259	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002)	615.12	106.60
23 09 23 00-0260	EA	Freezestat (Honeywell L482A1004).....	437.81	177.64
23 09 23 00-0261	EA	Wall Mounted Occupancy Sensor.....	298.12	53.30
23 09 23 00-0262	EA	Ceiling Mounted Occupancy Sensor.....	244.19	53.30
23 09 23 00-0263	EA	I/P Positioner With Gauge.....	286.46	53.30
23 09 23 00-0264	EA	Non Communicating Duct Mounted Smoke Detector With Sampling Tube	343.79	53.30
23 09 23 00-0265	EA	EP Transducer	286.46	35.56
23 09 23 00-0266	EA	Electric Heat Sequencer	461.69	71.04
23 09 23 00-0267		Meters (23 09 23 00-0255)		
23 09 23 00-0268	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps.....	2,914.98	426.23
23 09 23 00-0269	EA	KW/KWh Meter/Current Transformer 208 - 480 Volt, Up To 2,400 Amps With LON interface.....	4,272.46	497.26
23 09 23 00-0270	EA	Current Transformer For KW Meter 1 - 300 Amps.....	1,056.79	177.64
23 09 23 00-0271	EA	Current Transformer For KW Meter 300 - 800 Amps	1,182.84	177.64
23 09 23 00-0272	EA	Current Transformer For KW Meter 800 - 2,400 Amp.....	1,424.60	177.64
23 09 23 00-0273		Direct Coupled Actuators (23 09 23 00-0255)		
23 09 23 00-0274	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002).....	411.72	74.36
23 09 23 00-0275	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	447.24	74.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0276	EA		175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209).....	508.30	74.36
23 09 23 00-0277	EA		44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	390.94	74.36
23 09 23 00-0278	EA		88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	429.14	74.36
23 09 23 00-0279	EA		175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	466.96	74.36
23 09 23 00-0280	EA		44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator.....	431.23	74.36
23 09 23 00-0281	EA		88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	485.68	74.36
23 09 23 00-0282	EA		175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	544.47	74.36
23 09 23 00-0283	EA		44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209).....	362.61	74.36
23 09 23 00-0284	EA		88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	391.61	74.36
23 09 23 00-0285	EA		175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	449.87	74.36
23 09 23 00-0286	EA		175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007).....	477.29	74.36
23 09 23 00-0287	EA		300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	476.95	74.36
23 09 23 00-0288	EA		300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008).....	552.15	74.36
23 09 23 00-0289	EA		Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	374.49	74.36
23 09 23 00-0290	EA		Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	633.30	74.36
23 09 23 00-0291	EA		Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator.....	289.25	74.36
23 09 23 00-0292	EA		Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	428.81	74.36
23 09 23 00-0293			Thermostats (23 09 23 00-0105)		
23 09 23 00-0294			Electric And Electronic Thermostats (23 09 23 00-0293)		
			Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 00-0295	EA		Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018).....	137.05	12.92
23 09 23 00-0296	EA		Electronic Non Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320).....	146.05	12.92
23 09 23 00-0297	EA		Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110).....	136.05	12.92
23 09 23 00-0298	EA		Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220).....	149.75	12.92
23 09 23 00-0299	EA		Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320).....	160.05	12.92
23 09 23 00-0300	EA		Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321).....	226.05	12.92
23 09 23 00-0301	EA		Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	320.05	12.92
23 09 23 00-0302	EA		Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	505.89	12.92
23 09 23 00-0303	EA		Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M).....	538.18	12.92
23 09 23 00-0304			Pneumatic Thermostats (23 09 23 00-0293)		
			Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 00-0305	EA		Pneumatic Thermostat (Honeywell TP970B2182).....	177.86	12.92
23 09 23 00-0306			Thermostats Guards (23 09 23 00-0293)		
23 09 23 00-0307	EA		9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	45.29	12.92
23 09 23 00-0308	EA		7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511).....	52.79	12.92
23 09 23 00-0309	EA		5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	50.09	12.92
23 09 23 00-0310			Delta Controls (23 09 23)		
23 09 23 00-0311			Software (23 09 23 00-0310)		
			Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0312	EA		Orca Software Unlimited Points License (Delta Controls DOW333-USB).....	1,320.85	
23 09 23 00-0313	EA		Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB).....	2,104.74	
23 09 23 00-0314	EA		Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB).....	4,560.27	
23 09 23 00-0315	EA		Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB).....	7,284.28	
23 09 23 00-0316	EA		Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB).....	3,776.38	
23 09 23 00-0317	EA		Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB).....	1,320.85	
23 09 23 00-0318	EA		100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01).....	3,074.80	
23 09 23 00-0319	EA		1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02).....	3,776.38	
23 09 23 00-0320	EA		KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amp CT's And BACnet MS/TP Interface (Delta Controls H8186-CB).....	1,403.82	86.10
23 09 23 00-0321	EA		Delta Controls Touch Screen (Delta Controls DHMI-7-I).....	1,437.60	
23 09 23 00-0322			EMCS Central Equipment And Controllers (23 09 23 00-0310)		
23 09 23 00-0323	EA		Fully Programmable, Native BACnet Building Controller, 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 bps, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E + DFM1616).....	5,268.82	344.43

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0324	EA	Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet @ 76800 Bps (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E).....	4,146.29	344.43
23 09 23 00-0325	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,211.44	344.43
23 09 23 00-0326	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180)	3,211.44	344.43
23 09 23 00-0327	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	3,211.44	344.43
23 09 23 00-0328	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	3,040.48	344.43
23 09 23 00-0329	EA	VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF)	999.30	172.22
23 09 23 00-0330	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	923.88	172.22
23 09 23 00-0331	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	973.92	172.22
23 09 23 00-0332	EA	Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240)	923.88	172.22
23 09 23 00-0333	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616)	1,983.60	215.27
23 09 23 00-0334	EA	Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440)	528.33	86.10
23 09 23 00-0335	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404)	560.13	86.10
23 09 23 00-0336	EA	Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600)	642.60	86.10
23 09 23 00-0337		Network, VAV And Special Sensors (23 09 23 00-0310)		
23 09 23 00-0338	EA	BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24)	163.55	27.55
23 09 23 00-0339	EA	BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24).....	217.82	31.00
23 09 23 00-0340	EA	Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B)	407.05	12.92
23 09 23 00-0341		Trane Controls (23 09 23)		
23 09 23 00-0342		Software (23 09 23 00-0341)		
		Note: Excludes programming, set-up and commissioning of application.		
23 09 23 00-0343	EA	Summit + Building Management Package (Trane 40201152).....	2,191.49	
23 09 23 00-0344	EA	Summit Current Version Software (Trane 40201111)	2,201.60	
23 09 23 00-0345	EA	Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	513.92	
23 09 23 00-0346	EA	Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	1,653.61	
23 09 23 00-0347	EA	Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	5,917.97	
23 09 23 00-0348		EMCS Central Equipment And Controllers (23 09 23 00-0341)		
23 09 23 00-0349	EA	Summit BTMX Operator Display Upgrade (Trane 40201224).....	4,019.27	344.43
23 09 23 00-0350	EA	Summit BTMX Retrofit Kit For BMTS And BMW BCU (Trane 49500531)	8,190.18	344.43
23 09 23 00-0351	EA	Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532).....	8,190.18	344.43
23 09 23 00-0352	EA	Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	7,284.53	344.43
23 09 23 00-0353	EA	Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	8,337.52	344.43
23 09 23 00-0354	EA	Summit CCP Upgrade ROM Kit (Trane 40201095)	138.52	21.53
23 09 23 00-0355	EA	Summit Comm5 Repeater (Trane 49500457)	1,075.33	172.22
23 09 23 00-0356	EA	AHU Controller MP580/581 E Board Only (Trane 40201157).....	1,743.97	215.27
23 09 23 00-0357	EA	AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	2,218.46	258.32
23 09 23 00-0358	EA	AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00).....	1,799.97	258.32
23 09 23 00-0359	EA	AHU Controller MP581 Operator Door Display (Trane 40201156)	1,563.86	258.32
23 09 23 00-0360	EA	AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491).....	1,562.04	258.32
23 09 23 00-0361	EA	Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	672.27	86.10
23 09 23 00-0362	EA	Controller MP503 I/O Module With Plastic Cover (Trane 49500490).....	620.25	86.10
23 09 23 00-0363	EA	Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500).....	1,136.50	172.22
23 09 23 00-0364	EA	Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,093.36	172.22
23 09 23 00-0365	EA	2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	601.19	86.10
23 09 23 00-0366	EA	2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469).....	538.56	86.10
23 09 23 00-0367	EA	4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	755.33	86.10
23 09 23 00-0368	EA	4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	693.03	86.10
23 09 23 00-0369	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500499)	606.77	86.10
23 09 23 00-0370	EA	Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496).....	582.62	86.10
23 09 23 00-0371	EA	Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	656.30	86.10
23 09 23 00-0372	EA	Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	606.77	86.10
23 09 23 00-0373	EA	DDC VAV Retrofit Kit (Trane VRTODD01)	900.78	172.22
23 09 23 00-0374	EA	DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO).....	962.39	172.22

MINOR	CSI UOM DESCRIPTION		TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST

23 09 23 00-0375	Network, VAV And Special Sensors (23 09 23 00-0341)			
23 09 23 00-0376	EA Digital Display Zone Sensor (Trane X13790464010).....	133.41	27.55	
23 09 23 00-0377	EA Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010).....	100.03	27.55	
23 09 23 00-0378	EA Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010).....	90.55	27.55	
23 09 23 00-0379	EA Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01).....	160.17	31.00	
23 09 23 00-0380	EA Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121).....	108.82	27.55	
23 09 23 00-0381	EA Zone Sensor LCD O/C Setpoint (Trane 41901120).....	108.82	27.55	
23 09 23 00-0382	EA Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010).....	464.21	49.60	
23 09 23 00-0383	EA Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010).....	364.38	27.55	
23 09 23 00-0384	EA Transformer 120/24 40 VA (Trane X13550284010).....	97.82	27.55	
23 09 23 00-0385	EA Transformer 24 Volt AC Wall Plug-In (Trane 35803005).....	83.27	27.55	
23 09 23 00-0386	EA Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022).....	80.06	27.55	
23 09 23 00-0387	EA Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010).....	986.72	343.01	
23 09 23 00-0388	EA Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010).....	953.49	343.01	
23 09 23 00-0389	EA Controller UC400 XM32 Module (4 Relay) (Trane X13651563010).....	845.30	343.01	
23 09 23 00-0390	EA Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010).....	1,426.74	514.49	
23 09 23 00-0391	EA Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010).....	845.71	343.01	
23 09 23 00-0392	EA Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011).....	919.31	343.01	
23 09 23 00-0393	EA Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011).....	879.51	343.01	
23 09 23 00-0394	EA Controller Optional Metal Enclosure, UC210 (Trane 501898).....	359.79	171.48	
23 09 23 00-0395	EA Controller UC400 PM014 24 Volt AC To 1.4 Amp 24 Volt DC (Trane X1365153801).....	452.52	171.48	
23 09 23 00-0396	EA Controller Tracer UC600 Controller (Trane BMUC600AAA0100011).....	1,540.33	514.49	
23 09 23 00-0397	EA Controller UC600 Tracer TD7 Display (Trane X13651571010).....	1,512.15	514.49	
23 09 23 00-0398	EA Controller UC600 TD7 Mounting Bracket (Trane X05010511010).....	95.33	34.31	
23 09 23 00-0399	EA Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010).....	293.54	61.74	
23 09 23 00-0400	EA SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010).....	1,556.09	514.49	
23 09 23 00-0401	EA BACnet Term (2 Pack) (Trane X1365152401).....	154.19	61.74	
23 09 23 00-0402	EA Tracer ES Add License (Trane X40250125010).....	3,312.39	1,371.94	
23 09 23 00-0403	EA Kit - Tracer TU For Controls (Trane X4509151201).....	4,602.42	1,371.85	
23 09 23 00-0404	EA Kit - Tracer TU Complete (Trane X4509151301).....	5,712.98	1,371.85	
23 09 23 00-0405	EA Tracer TU Adapter Wired/Wireless (Trane X13651529010).....	335.73	61.74	
23 09 23 00-0406	EA Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010).....	194.56	61.74	
23 09 23 00-0407	EA Sensor Wireless Display Sensor (Trane X13790822010).....	211.99	61.74	
23 09 23 00-0408	EA Sensor Wireless Receiver, 100mW (Trane X13790854010).....	206.48	61.74	
23 09 23 00-0409	EA Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010).....	300.02	61.74	
23 09 23 00-0410	EA Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010).....	323.83	61.74	
23 09 23 00-0411	Johnson Controls (23 09 23)			
23 09 23 00-0412	Software (23 09 23 00-0411)			
	Note: Excludes programming, set-up and commissioning of application.			
23 09 23 00-0413	EA 5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	10,240.80		
23 09 23 00-0414	EA 10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	12,098.93		
23 09 23 00-0415	EA N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	661.35		
23 09 23 00-0416	EA N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	967.57		
23 09 23 00-0417	EA BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	1,662.24		
23 09 23 00-0418	EA BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	666.53		
23 09 23 00-0419	EA New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0).....	663.48		
23 09 23 00-0420	EA Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6).....	284.34		
23 09 23 00-0421	Supervisory Controllers (23 09 23 00-0411)			
23 09 23 00-0422	EA NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	5,152.45	344.43	
23 09 23 00-0423	EA NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	7,603.00	344.43	
23 09 23 00-0424	EA NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	10,058.98	344.43	
23 09 23 00-0425	EA NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	4,208.51	344.43	
23 09 23 00-0426	Controllers (23 09 23 00-0411)			
23 09 23 00-0427	EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	604.84	86.10	
23 09 23 00-0428	EA 10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	768.24	172.22	
23 09 23 00-0429	EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	1,063.85	172.22	
23 09 23 00-0430	EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,227.24	172.22	
23 09 23 00-0431	EA BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	511.10	86.10	
23 09 23 00-0432	EA BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	552.76	86.10	
23 09 23 00-0433	EA BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	615.26	86.10	
23 09 23 00-0434	EA 17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	623.59	86.10	
23 09 23 00-0435	EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (Cooling Only), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1610-0).....	599.52	86.10	
23 09 23 00-0436	EA BACnet MS/TP Integrated VAV Controller/Actuator/Pressure Sensor (With Reheat And Fan Control), Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1620-0).....	623.81	86.10	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0437	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	1,269.76	172.22
23 09 23 00-0438		Master FX Controllers (23 09 23 00-0411)		
23 09 23 00-0439	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	1,557.22	172.22
23 09 23 00-0440	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	1,656.05	172.22
23 09 23 00-0441	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	1,705.16	172.22
23 09 23 00-0442	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	1,675.32	172.22
23 09 23 00-0443	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	1,628.67	172.22
23 09 23 00-0444	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	1,636.15	172.22
23 09 23 00-0445	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	1,628.67	172.22
23 09 23 00-0446	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	1,656.16	172.22
23 09 23 00-0447	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	1,741.51	172.22
23 09 23 00-0448	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	1,798.41	172.22
23 09 23 00-0449	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	1,769.96	172.22
23 09 23 00-0450	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C).....	1,711.72	172.22
23 09 23 00-0451	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C).....	1,656.16	172.22
23 09 23 00-0452	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C).....	1,741.51	172.22
23 09 23 00-0453	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C).....	1,798.41	172.22
23 09 23 00-0454	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C).....	1,769.96	172.22
23 09 23 00-0455	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C).....	1,711.72	172.22
23 09 23 00-0456	EA	N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C).....	186.91	43.05
23 09 23 00-0457	EA	LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C).....	256.93	43.05
23 09 23 00-0458	EA	RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C).....	206.57	43.05
23 09 23 00-0459	EA	BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C).....	186.91	43.05
23 09 23 00-0460	EA	Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C).....	511.41	43.05
23 09 23 00-0461	EA	Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C).....	475.39	43.05
23 09 23 00-0462	EA	5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C).....	483.82	43.05
23 09 23 00-0463	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C).....	483.82	43.05
23 09 23 00-0464	EA	5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C).....	525.95	43.05
23 09 23 00-0465	EA	5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C).....	525.95	43.05
23 09 23 00-0466	EA	6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C).....	647.06	43.05
23 09 23 00-0467	EA	6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C).....	647.06	43.05
23 09 23 00-0468	EA	6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C).....	715.51	43.05
23 09 23 00-0469	EA	6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C).....	715.51	43.05
23 09 23 00-0470		VAV, Network And Special Sensors (23 09 23 00-0411)		
23 09 23 00-0471	EA	3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	328.55	27.55
23 09 23 00-0472	EA	3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	121.94	27.55
23 09 23 00-0473	EA	3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	258.36	27.55
23 09 23 00-0474	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	377.50	27.55
23 09 23 00-0475	EA	3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	137.41	27.55
23 09 23 00-0476	EA	3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0).....	343.91	27.55
23 09 23 00-0477		Sensors - Hard Wired Type (23 09 23 00-0411)		
23 09 23 00-0478	EA	Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	133.32	49.60
23 09 23 00-0479	EA	Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	104.25	27.55
23 09 23 00-0480	EA	BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2).....	259.73	12.92
23 09 23 00-0481	EA	Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment. BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2).....	345.24	12.92
23 09 23 00-0482	EA	Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 VDC control input, three speeds of fan control, and dehumidification capability. BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2).....	260.20	12.92
23 09 23 00-0483	EA	Note: For VVT systems. BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2).....	336.28	27.55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
23 09 23 00-0484 EA	BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	410.28	27.55
23 09 23 00-0485	Automated Logic Controls (23 09 23)		
23 09 23 00-0486 EA	Up To 25 Point, High Speed Ethernet Router (Automated Logic LGR25)	2,765.94	275.54
23 09 23 00-0487 EA	Up To 250 Point, High Speed Ethernet Router (Automated Logic LGR250)	3,237.11	275.54
23 09 23 00-0488 EA	Up To 1,000 Point, High Speed Ethernet Router (Automated Logic LGR1000)	4,806.24	275.54
23 09 23 00-0489 EA	Up 25 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR25)	3,144.56	275.54
23 09 23 00-0490 EA	Up 200 Point, Router/Gateway/Processor Multi-Purpose Module (Automated Logic ME-LGR200)	5,184.85	275.54
23 09 23 00-0491 EA	ME812u Controller And Router (Automated Logic ME812u-LGR)	7,214.62	551.08
23 09 23 00-0492 EA	4 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEX48u)	2,166.48	275.54
23 09 23 00-0493 EA	8 Universal Outputs, 8 Universal Inputs I/O Expander (Automated Logic MEX88u)	2,509.33	275.54
23 09 23 00-0494 EA	0 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEX016u)	2,313.71	275.54
23 09 23 00-0495 EA	8 Universal Outputs, 16 Universal Inputs I/O Expander (Automated Logic MEX816u)	5,211.13	688.85
23 09 23 00-0496 EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100)	2,127.10	206.65
23 09 23 00-0497 EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320)	4,992.90	619.96
23 09 23 00-0498 EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx)	1,563.34	206.65
23 09 23 00-0499 EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx)	3,060.42	275.54
23 09 23 00-0500 EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx)	3,018.35	275.54
23 09 23 00-0501 EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160)	5,027.08	551.08
23 09 23 00-0502 EA	8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx)	2,744.91	275.54
23 09 23 00-0503 EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320)	2,648.69	206.65
23 09 23 00-0504 EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160)	4,774.67	551.08
23 09 23 00-0505 EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642)	977.02	137.77
23 09 23 00-0506 EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D)	1,019.08	137.77
23 09 23 00-0507 EA	6 Digital Outputs, 10 Universal Inputs, 4 Analog Outputs Single Equipment Control Module (Automated Logic SE6104a)	3,294.41	482.20
23 09 23 00-0508 EA	6 Digital Outputs, 16 Universal Inputs, 6 Analog Outputs Single Equipment Control Module (Automated Logic SE6166)	3,996.42	551.08
23 09 23 00-0509 EA	2 Digital Outputs, 2 Universal Inputs Zone Controller (Automated Logic ZN220)	1,195.24	206.65
23 09 23 00-0510 EA	2 Digital Outputs, 5 Universal Inputs, 3 Analog Outputs Zone Controller (Automated Logic ZN253)	1,357.20	206.65
23 09 23 00-0511 EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+)	1,044.32	137.77
23 09 23 00-0512 EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+)	1,025.39	137.77
23 09 23 00-0513 EA	5 Digital Outputs, 5 Universal Inputs, 1 Analog Outputs Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic ZN551)	1,305.04	206.65
23 09 23 00-0514 EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF)	1,201.55	206.65
23 09 23 00-0515 EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC)	7,577.46	
23 09 23 00-0516 EA	500 Point, Front End Software For Building Control (Automated Logic WC500)	3,244.45	
23 09 23 00-0517 EA	Advanced Reporting Option, Front End Software For Building Control (Automated Logic WC-ADV-REP)	1,530.21	
23 09 23 00-0518 EA	Advanced Security Option, Front End Software For Building Control (Automated Logic WC-ADV-SEC)	1,950.89	
23 09 23 00-0519 EA	Advanced Alarming Option, Front End Software For Building Control (Automated Logic WC-ADV-ALARM)	2,219.06	
23 09 23 00-0520 EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE)	2,792.25	
23 09 23 00-0521	Alerton Controls (23 09 23)		
23 09 23 00-0522 EA	50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL)	4,546.12	
23 09 23 00-0523 EA	150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM)	6,819.07	
23 09 23 00-0524 EA	Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM)	16,324.11	
23 09 23 00-0525 EA	Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE)	12,398.11	
23 09 23 00-0526 EA	Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE)	30,994.93	
23 09 23 00-0527 EA	Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE)	18,597.04	
23 09 23 00-0528 EA	Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE)	37,193.86	
23 09 23 00-0529 EA	Alerton Building Suite Tech License (Alerton ABS-3-TECH)	1,095.00	
23 09 23 00-0530 EA	Enterprise Edition With SQL Server Support, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-ENT1)	14,489.22	
23 09 23 00-0531 EA	Unlimited Controllers, Unlimited Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-LRG)	10,763.66	
23 09 23 00-0532 EA	150 Controllers, 3 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-MED)	6,790.14	
23 09 23 00-0533 EA	50 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-SM)	4,428.34	
23 09 23 00-0534 EA	10 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-XS)	1,779.22	
23 09 23 00-0535 EA	1 Ethernet, 1 MS/TP, BACTalk Control Module (Alerton 715000100)	2,934.29	206.65
23 09 23 00-0536 EA	Foreign Protocol Converter For P1 Systems, BACTalk Control Module (Alerton BCM-FPCS)	3,877.94	275.54
23 09 23 00-0537 EA	Modbus Gateway, BACTalk Control Module (Alerton BCM-MDBS)	4,237.47	275.54
23 09 23 00-0538 EA	V.90/56K Modem, BACTalk Control Module (Alerton BCM-MDM)	1,715.16	206.65
23 09 23 00-0539 EA	1 MS/TP, BACTalk Control Module (Alerton 715000300)	2,010.65	206.65
23 09 23 00-0540 EA	Power Supply, BACTalk Control Module (Alerton BCM-PWS)	1,624.24	206.65
23 09 23 00-0541 EA	1 TUX Trunk, BACTalk Control Module (Alerton BCM-TUX)	1,814.35	206.65
23 09 23 00-0542 EA	Web Server And Configurator CD, BACTalk Control Module (Alerton BCM-WEB)	4,161.68	206.65
23 09 23 00-0543 EA	BACTalk Field Level Gateway For Modbus (Alerton FLG-MODBUS)	2,185.63	275.54
23 09 23 00-0544 EA	EXP BACnet Controller (Alerton VLX)	4,720.47	551.08
23 09 23 00-0545 EA	VLX BACnet High Performance Controller (Alerton VLX-PLATINUM)	5,367.23	551.08
23 09 23 00-0546 EA	Multiple Segment MS/TP Repeater (Alerton MSTP-REP)	622.94	61.36
23 09 23 00-0547 EA	4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD)	1,456.87	206.65
23 09 23 00-0548 EA	4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7)	1,525.07	206.65
23 09 23 00-0549 EA	4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD)	1,289.51	206.65
23 09 23 00-0550 EA	4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A)	1,384.56	206.65
23 09 23 00-0551 EA	5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD)	1,380.43	206.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0620	EA		16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,375.06	258.32
23 09 23 00-0621	EA		16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	2,222.86	258.32
23 09 23 00-0622	EA		24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,767.66	275.54
23 09 23 00-0623	EA		24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,843.74	275.54
23 09 23 00-0624	EA		24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A)	2,811.47	275.54
23 09 23 00-0625	EA		24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A)	2,958.65	275.54
23 09 23 00-0626	EA		24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,767.66	275.54
23 09 23 00-0627	EA		24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	2,882.93	275.54
23 09 23 00-0628	EA		36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	4,509.12	482.20
23 09 23 00-0629	EA		36 Point, BACnet/IP Or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,011.64	551.08
23 09 23 00-0630	EA		License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,002.38	
23 09 23 00-0631	EA		Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	405.70	34.44
23 09 23 00-0632	EA		Controller Mounted Operator Display Module (Siemens PXM10T)	507.65	68.89
23 09 23 00-0633	EA		Provides FLN Support For The PXC Modular, Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported (Siemens PXX-485.3)	497.84	17.22
23 09 23 00-0634	EA		Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	151.15	27.55
23 09 23 00-0635	EA		4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	103.71	27.55
23 09 23 00-0636	EA		8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	156.45	49.60
23 09 23 00-0637	EA		2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	207.92	49.60
23 09 23 00-0638	EA		10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	1,903.76	277.44
23 09 23 00-0639	EA		Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.33	
23 09 23 00-0640	EA		16 Digital Input Module (Siemens TXM1.16D)	961.39	137.77
23 09 23 00-0641 Cypress Envirosystems Controls (23 09 23)					
23 09 23 00-0642 Wireless Pneumatic Thermostat (23 09 23 00-0641)					
Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.					
23 09 23 00-0643	EA		Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP)	544.22	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-28.66	
For >200, Deduct				-57.28	
23 09 23 00-0644	EA		Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP)	544.22	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-28.66	
For >200, Deduct				-57.28	
23 09 23 00-0645	EA		Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP)	544.22	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-28.66	
For >200, Deduct				-57.28	
23 09 23 00-0646	EA		Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP)	544.22	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-28.66	
For >200, Deduct				-57.28	
23 09 23 00-0647	EA		Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2DP-DB)	620.99	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-32.93	
For >200, Deduct				-65.81	
23 09 23 00-0648	EA		Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T2RP-DB)	620.99	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-32.93	
For >200, Deduct				-65.81	
23 09 23 00-0649	EA		Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB)	620.99	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-32.93	
For >200, Deduct				-65.81	
23 09 23 00-0650	EA		Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1RP-DB)	620.99	8.61
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-32.93	
For >200, Deduct				-65.81	
23 09 23 00-0651	EA		Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV)	41.52	8.61
Note: Optional cover.					
For >50 To 200, Deduct				-1.83	
For >200, Deduct				-3.66	
23 09 23 00-0652	EA		Green Box Controller (Cypress Envirosystems GBC-800-001)	3,276.63	8.61
Note: One unit for up to 100 thermostats.					
For 2, Deduct				-163.03	
For >2, Deduct				-325.77	
23 09 23 00-0653	EA		WPT USB Hub (Cypress Envirosystems WPT-800-HUSB)	374.91	8.61
Note: One unit for up to 100 thermostats.					
For 2, Deduct				-20.37	
For >2, Deduct				-40.70	
23 09 23 00-0654	EA		WPT Repeater (Cypress Envirosystems WPT-800-RWAL)	426.95	8.61
Note: One unit for up to 15 thermostats.					
For >5 To 10, Deduct				-21.34	
For >10, Deduct				-42.65	
23 09 23 00-0655	EA		24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V)	532.52	8.61
Note: One unit for up to 15 thermostats.					
For >5 To 10, Deduct				-24.82	
For >10, Deduct				-49.60	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 09 23 00-0656		Melink Intelli-Hood IH3 Controls (23 09 23)			
23 09 23 00-0657		Kitchen Ventilation Controllers (23 09 23 00-0656)			
23 09 23 00-0658	EA	Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001).....	5,868.74		344.43
		Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points include: 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.			
23 09 23 00-0659	EA	Graphical User Interface (Melink Intelli-Hood 2KPD-3001).....	1,031.08		71.04
		Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.			
23 09 23 00-0660	EA	Hood Controller (Melink Intelli-Hood 2SEN-3001).....	1,817.16		286.73
		Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.			
23 09 23 00-0661		Kitchen Ventilation Sensors (23 09 23 00-0656)			
23 09 23 00-0662	EA	Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q)	320.21		49.60
		Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.			
23 09 23 00-0663	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28)	2,650.72		275.54
		Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.			
23 09 23 00-0664		Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators (23 09 23)			
23 09 23 00-0665		Temperature Sensors (23 09 23 00-0664)			
23 09 23 00-0666	EA	10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24).....	150.25		49.60
23 09 23 00-0667	EA	10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	174.70		49.60
23 09 23 00-0668	EA	10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	153.65		49.60
23 09 23 00-0669	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	152.03		49.60
23 09 23 00-0670	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18).....	197.71		49.60
23 09 23 00-0671	EA	10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6).....	161.10		49.60
23 09 23 00-0672	EA	10K Ohm Thermistor Duct Temperature Sensor With Non Metallic Handibox Housing (Kele ST-D24-XHP)	152.78		49.60
23 09 23 00-0673	EA	10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	169.43		49.60
23 09 23 00-0674	EA	10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW).....	165.35		49.60
23 09 23 00-0675	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24).....	212.08		68.89
23 09 23 00-0676	EA	10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25).....	217.87		68.89
23 09 23 00-0677	EA	Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF).....	87.47		27.55
23 09 23 00-0678	EA	Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R).....	89.92		27.55
23 09 23 00-0679	EA	Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SF).....	89.92		27.55
23 09 23 00-0680		Water Temperature Sensors (23 09 23 00-0664)			
23 09 23 00-0681	EA	5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001).....	112.13		53.30
23 09 23 00-0682	EA	Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005).....	265.75		53.30
23 09 23 00-0683		Relative Humidity Sensors (23 09 23 00-0664)			
23 09 23 00-0684	EA	3% Duct Mounted RH Sensor (Kele HD30K).....	310.88		49.60
23 09 23 00-0685	EA	10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	320.55		49.60
23 09 23 00-0686	EA	3% RH Outdoor Air Sensor (Kele HO30K).....	367.53		68.89
23 09 23 00-0687	EA	2% Surface Mounted RH Transmitter (Kele HW20K)	262.47		27.55
23 09 23 00-0688		Pressure Sensors (23 09 23 00-0664)			
23 09 23 00-0689	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To .5" W.C. (Kele T30-005).....	389.13		58.18
23 09 23 00-0690	EA	Differential Pressure Transmitters With NEMA 1 Case, 0 To 5" W.C. (Kele T30-050).....	358.45		58.18
23 09 23 00-0691	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C. (Kele AFS-222).....	175.38		58.18
23 09 23 00-0692	EA	Adjustable Differential Pressure Switches, .05 To 2" W.C. (Kele AFS-262).....	176.90		58.18
23 09 23 00-0693	EA	Manual Reset Adjustable Differential Pressure Switches, .4 To 2" W.C. (Kele AFS-460)	187.79		58.18
23 09 23 00-0694	EA	Adjustable Differential Pressure Switches, .05 To 12" W.C., 1/8" NPT (Kele AFS-145)	174.39		58.18
23 09 23 00-0695	EA	Water Differential Pressure Transmitter, 0 To 100psid, Bypass Valve Assembly Option (Kele 360C-P210D-BVA)	1,489.05		58.18
		Note: Excludes pipe fittings.			
23 09 23 00-0696	EA	Water Differential Pressure Transmitter, 0 To 60psid, Bypass Valve Assembly Option (Kele 360C-P160D-BVA)	1,489.05		58.18
		Note: Excludes pipe fittings.			
23 09 23 00-0697	EA	Magnahelic Gauge.....	444.27		35.56
23 09 23 00-0698		Water Flow Meters (23 09 23 00-0664)			
23 09 23 00-0699	EA	Insertion Electromagnetic Water Flow Meter (Onicon F-3500)	2,702.17		74.69
		Note: Excludes pipe fittings.			
23 09 23 00-0700	EA	Dual Turbine Insertion Flow Meter With Analog Output (Onicon F-1210).....	161.24		24.89
		Note: Excludes pipe fittings.			
23 09 23 00-0701		Air Flow Monitoring Stations (23 09 23 00-0664)			
23 09 23 00-0702	EA	Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116)	2,147.85		86.53
		Note: 10' cable, 36" x 24" typical duct size.			
23 09 23 00-0703	EA	Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)	3,055.03		86.53
		Note: 10' cable, 48" x 36" typical duct size.			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0704	EA		Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116) Note: 10' cable, 60" x 48" typical duct size.	3,786.42	86.53
23 09 23 00-0705			Gas Sensors (23 09 23 00-0664)		
23 09 23 00-0706	EA		6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	1,128.08	41.33
23 09 23 00-0707	EA		Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD).....	421.24	27.55
23 09 23 00-0708	EA		CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2)..... Note: Solid state sensor.	902.17	41.33
23 09 23 00-0709	EA		CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD).....	507.87	49.60
23 09 23 00-0710			Room Pressure Monitoring (23 09 23 00-0664)		
23 09 23 00-0711	EA		Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM).....	1,773.37	45.06
23 09 23 00-0712	EA		Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC)..... Note: Excludes dampers and actuators.	2,827.95	45.06
23 09 23 00-0713	EA		Hospital Room Pressure Status Remote Visual Display (TSI 8694-4).....	233.58	27.04
23 09 23 00-0714	EA		Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7).....	267.24	27.04
23 09 23 00-0715			Current Switches And Current Sensors (23 09 23 00-0664)		
23 09 23 00-0716	EA		Current Sensor, 0-20 Amp, 0-5 Volt DC (Senva C-1203).....	85.05	27.55
23 09 23 00-0717	EA		Current Sensor, 0-20 Amp, 4-20mA (Senva C-1205).....	87.07	27.55
23 09 23 00-0718	EA		VFD Current Switch, 0.5-135 Amp Range, Split Core (Senva C-2350VFD-L).....	108.29	27.55
23 09 23 00-0719	EA		Current Switch, 0.15-100 Amp Range, Split Core With NC Command Relay (Senva C-2300 And CR4-24).....	91.14	27.55
23 09 23 00-0720	EA		DC Current Sensor, Split Core, 0-50/100/200 Amp (Selectable), 4-20mA, 0-5 Volt DC (Veris H970HCA).....	159.19	27.55
23 09 23 00-0721	EA		DC Current Sensor, Split Core, 0-20/40/80 Amp (Selectable), 0-20mA, 0-5 Volt DC (Veris H970LCC).....	159.19	27.55
23 09 23 00-0722	EA		Current Switch, 1-135 Amp, N.O. Contact 1A @ 110 Volt (Veris H709).....	109.72	27.55
23 09 23 00-0723	EA		Current Switch, 0-10/20/40 Amp, 4-20mA Analog Output, Solid Core, Loop Powered (Veris H721).....	118.66	27.55
23 09 23 00-0724	EA		Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC).....	2,971.00	137.77
23 09 23 00-0725	EA		Power Transducer, Modbus RTU, 100 Amp (Veris H8035-0100-2)..... Note: 3 phase networked transducer.	463.91	27.55
23 09 23 00-0726	EA		Energy Meter, Three Current Switches, Pulse Output, Phase Loss Alarm Output, 2,400 Amp (Veris H8163-2400-4-3).....	684.34	27.55
23 09 23 00-0727	EA		Current Transducer, 0-20 Amp, 0-5 Volt DC (Kele 4CTV).....	156.45	27.55
23 09 23 00-0728	EA		Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800).....	216.59	73.19
23 09 23 00-0729	EA		Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900).....	224.00	73.19
23 09 23 00-0730	EA		Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708).....	232.45	73.19
23 09 23 00-0731	EA		Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908).....	243.03	73.19
23 09 23 00-0732	EA		Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904).....	268.37	73.19
23 09 23 00-0733	EA		Toggle Switch.....	93.49	34.44
23 09 23 00-0734	EA		Maintained Pushbutton Switch.....	98.26	34.44
23 09 23 00-0735	EA		Manual Time Switch.....	143.16	34.44
23 09 23 00-0736	EA		Emergency Stop Switch.....	223.46	34.44
23 09 23 00-0737	EA		Float Switch.....	239.85	34.44
23 09 23 00-0738	EA		Break Glass Switch.....	702.16	34.44
23 09 23 00-0739	EA		Boiler E-Stop Switch.....	481.79	34.44
23 09 23 00-0740			Relays (23 09 23 00-0664)		
23 09 23 00-0741	EA		DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V).....	78.98	27.55
23 09 23 00-0742	EA		SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1).....	88.17	27.55
23 09 23 00-0743	EA		SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B)..... Note: Box type.	114.49	34.44
23 09 23 00-0744	EA		Motor Starter Interface, 300msec Pulse (Kele PIL-2).....	139.18	27.55
23 09 23 00-0745	EA		DP Relay Socket, DIN Rail Mounted (Kele SH2B-05).....	75.45	27.55
23 09 23 00-0746	EA		SP Relay Socket, DIN Rail Mounted (Kele SH1B-05).....	73.78	27.55
23 09 23 00-0747	EA		SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V).....	77.95	27.55
23 09 23 00-0748	EA		DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V).....	74.17	27.55
23 09 23 00-0749	EA		SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V).....	81.35	27.55
23 09 23 00-0750	EA		SPDT Pilot Relay, Universal (Kele RIBU1C)..... Note: Box type.	105.24	34.44
23 09 23 00-0751	EA		SPST Pilot Relay With HOA Switch (Kele RIBU1S)..... Note: Box type.	113.54	34.44
23 09 23 00-0752	EA		SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400).....	222.43	34.44
23 09 23 00-0753	EA		SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450).....	262.82	34.44
23 09 23 00-0754			Surge Protectors (23 09 23 00-0664)		
23 09 23 00-0755	EA		Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255).....	181.89	6.89
23 09 23 00-0756	EA		Surge Protector, 1AC Outlet (Transtector TR2251).....	138.44	6.89
23 09 23 00-0757	EA		Surge Protector, 2 AC Outlets (Transtector TR2254).....	213.20	6.89
23 09 23 00-0758	EA		Surge Protector, DB-15 Connection (Transtector TR2259-DLP15).....	117.23	6.89
23 09 23 00-0759	EA		Surge Protector, DB-25 Connection (Transtector TR2259-DLP25).....	117.23	6.89
23 09 23 00-0760	EA		Surge Protector, DB-9 Connection (Transtector TR2259-DLP9).....	117.23	6.89
23 09 23 00-0761	EA		Surge Protector, Individual Wire Connection (Transtector TR2258).....	167.75	6.89
23 09 23 00-0762	EA		Surge Protector, Trane Communication Links (Transtector TR2257).....	105.10	6.89
23 09 23 00-0763			Transformers (23 09 23 00-0664)		
23 09 23 00-0764	EA		50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA).....	95.82	27.55
23 09 23 00-0765	EA		75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB).....	103.20	27.55

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0766	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA)	106.48	27.55
23 09 23 00-0767	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB)	109.92	27.55
23 09 23 00-0768	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA)	118.38	27.55

23 09 23 00-0769 Power Supplies (23 09 23 00-0664)

23 09 23 00-0770	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA)	121.49	27.55
23 09 23 00-0771	EA	AC/DC Power Supply, 1.2 Amp @ 24 Volt Output (Kele DCPA-1.2)	141.72	27.55
23 09 23 00-0772	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	130.40	27.55
23 09 23 00-0773	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	134.56	27.55
23 09 23 00-0774	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	134.56	27.55
23 09 23 00-0775	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	134.56	27.55
23 09 23 00-0776	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amp (Kele DCP-1.5-W-C)	110.14	27.55

23 09 23 00-0777 Control Damper Actuators (23 09 23 00-0664)

23 09 23 00-0778	EA	44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	389.31	74.46
23 09 23 00-0779	EA	90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	407.33	74.46
23 09 23 00-0780	EA	90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	467.80	74.46
23 09 23 00-0781	EA	175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	479.47	74.46
23 09 23 00-0782	EA	90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR)	507.05	74.46
23 09 23 00-0783	EA	360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR)	548.41	74.46

23 09 23 00-0784 Valves With Actuator (23 09 23 00-0664)

23 09 23 00-0785	EA	1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	416.56	10.90
23 09 23 00-0786	EA	3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	432.43	14.70
23 09 23 00-0787	EA	1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	474.10	17.80
23 09 23 00-0788	EA	1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	518.84	22.54
23 09 23 00-0789	EA	1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	591.16	26.02
23 09 23 00-0790	EA	2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	668.77	30.75
23 09 23 00-0791	EA	2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	1,252.65	61.49
23 09 23 00-0792	EA	3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	1,360.49	71.95
23 09 23 00-0793	EA	4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	1,840.46	105.69
23 09 23 00-0794	EA	5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	2,705.90	152.74
23 09 23 00-0795	EA	6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	2,997.15	169.10
23 09 23 00-0796	EA	1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	450.35	16.36
23 09 23 00-0797	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	466.71	22.06
23 09 23 00-0798	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	506.96	26.70
23 09 23 00-0799	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	564.01	33.82
23 09 23 00-0800	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	722.33	39.02
23 09 23 00-0801	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	802.64	46.12
23 09 23 00-0802	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	1,422.85	92.24
23 09 23 00-0803	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	1,567.12	107.94
23 09 23 00-0804	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2"GMX24-MFTX1)	2,281.20	158.54
23 09 23 00-0805	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2"GMX24-MFTX1)	3,308.40	229.11
23 09 23 00-0806	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2"GMX24-MFTX1)	3,677.39	253.65
23 09 23 00-0807	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	113.20	10.90
23 09 23 00-0808	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	131.17	14.70
23 09 23 00-0809	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	166.60	17.80
23 09 23 00-0810	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	135.32	16.36
23 09 23 00-0811	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	156.97	22.06
23 09 23 00-0812	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	197.23	26.70
23 09 23 00-0813	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	157.75	10.90
23 09 23 00-0814	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	203.29	14.70
23 09 23 00-0815	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	211.04	17.80
23 09 23 00-0816	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	275.94	22.54
23 09 23 00-0817	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	284.61	26.02
23 09 23 00-0818	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	362.19	30.75
23 09 23 00-0819	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	778.51	61.49
23 09 23 00-0820	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	913.93	71.95
23 09 23 00-0821	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	190.48	16.36
23 09 23 00-0822	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	219.57	22.06
23 09 23 00-0823	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	283.15	26.70
23 09 23 00-0824	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	402.77	33.82
23 09 23 00-0825	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	424.27	39.02
23 09 23 00-0826	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	557.61	46.12
23 09 23 00-0827	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	463.38	56.37
23 09 23 00-0828	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	485.74	61.49
23 09 23 00-0829	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	638.13	71.95
23 09 23 00-0830	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2"GMX24-3X1)	1,009.47	120.79
23 09 23 00-0831	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	1,915.66	152.74
23 09 23 00-0832	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,071.13	169.10
23 09 23 00-0833	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	2,876.15	193.27
23 09 23 00-0834	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	3,610.59	236.75
23 09 23 00-0835	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	4,271.91	286.97
23 09 23 00-0836	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	4,746.89	338.21
23 09 23 00-0837	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	6,278.27	372.04
23 09 23 00-0838	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	7,608.69	413.29
23 09 23 00-0839	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	855.25	84.55

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0840	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1).....	1,007.06	92.24
23 09 23 00-0841	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2"GMB24-3X1).....	1,243.60	107.94
23 09 23 00-0842	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2"GMB24-3X1).....	1,661.12	181.18
23 09 23 00-0843	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24).....	3,078.21	229.11
23 09 23 00-0844	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24).....	3,522.51	253.65
23 09 23 00-0845	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24).....	4,353.56	289.92
23 09 23 00-0846	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24).....	5,765.02	355.12
23 09 23 00-0847	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24).....	5,412.37	430.45
23 09 23 00-0848	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110).....	6,767.69	507.31
23 09 23 00-0849	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110).....	12,309.99	558.04
23 09 23 00-0850	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110).....	18,380.46	619.94
23 09 23 00-0851 Valve Actuators (23 09 23 00-0664)				
23 09 23 00-0852	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T).....	321.58	69.86
23 09 23 00-0853	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3).....	329.21	69.86
23 09 23 00-0854	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T).....	361.83	69.86
23 09 23 00-0855	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S).....	373.10	69.86
23 09 23 00-0856	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR).....	375.95	69.86
23 09 23 00-0857	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT).....	420.31	69.86
23 09 23 00-0858	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1).....	441.31	69.86
23 09 23 00-0859	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95).....	449.42	69.86
23 09 23 00-0860	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT).....	468.97	69.86
23 09 23 00-0861	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3).....	353.54	69.86
23 09 23 00-0862	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR).....	394.57	69.86
23 09 23 00-0863	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T).....	394.57	69.86
23 09 23 00-0864	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3).....	400.77	69.86
23 09 23 00-0865	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14).....	407.61	69.86
23 09 23 00-0866	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S).....	448.94	69.86
23 09 23 00-0867	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T).....	463.25	69.86
23 09 23 00-0868	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR).....	469.45	69.86
23 09 23 00-0869	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT).....	482.92	69.86
23 09 23 00-0870	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC).....	484.72	69.86
23 09 23 00-0871	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95).....	489.49	69.86
23 09 23 00-0872	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4).....	599.19	69.86
23 09 23 00-0873	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4).....	639.74	69.86
23 09 23 00-0874	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3).....	440.83	69.86
23 09 23 00-0875	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR).....	512.86	69.86
23 09 23 00-0876	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24).....	1,263.67	69.86
23 09 23 00-0877	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24).....	1,407.72	69.86
23 09 23 00-0878	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24).....	1,717.78	69.86
23 09 23 00-0879	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24).....	1,934.81	69.86
23 09 23 00-0880	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110).....	2,261.56	69.86
23 09 23 00-0881	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110).....	2,660.82	69.86
23 09 23 00-0882	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110).....	3,488.90	69.86
23 09 23 00-0883	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110).....	4,262.11	69.86
23 09 23 00-0884 Rectangular Volume Control Dampers (23 09 23 00-0664)				
Note: Excludes actuators.				
23 09 23 00-0885	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008).....	123.22	27.94
23 09 23 00-0886	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010).....	138.46	30.65
23 09 23 00-0887	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012).....	154.58	33.80
23 09 23 00-0888	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014).....	179.02	39.66
23 09 23 00-0889	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	202.56	45.06
23 09 23 00-0890	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018).....	207.47	50.70

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0891	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	251.63	56.33
23 09 23 00-0892	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	300.68	67.60
23 09 23 00-0893	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	382.07	78.87
23 09 23 00-0894	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	553.64	90.13
23 09 23 00-0895	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	982.96	101.40
23 09 23 00-0896	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	1,240.44	112.67

23 09 23 00-0897 Round Control Galvanized Dampers (23 09 23 00-0664)

Note: Excludes actuators.

23 09 23 00-0898	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	126.47	33.80
23 09 23 00-0899	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	126.52	33.80
23 09 23 00-0900	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	131.24	33.80
23 09 23 00-0901	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	137.08	33.80
23 09 23 00-0902	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	154.57	33.80
23 09 23 00-0903	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	179.23	45.06
23 09 23 00-0904	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18).....	240.16	47.44
23 09 23 00-0905	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20).....	250.83	49.17
23 09 23 00-0906	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22).....	266.70	53.00
23 09 23 00-0907	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24).....	282.83	56.85

23 09 23 00-0908 Peco Thermostats and Sensors (23 09 23 00-0664)

23 09 23 00-0909	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ).....	299.24	12.92
23 09 23 00-0910	EA	3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001).....	381.23	12.92
23 09 23 00-0911	EA	Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	167.94	19.37
23 09 23 00-0912	EA	Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	142.49	19.37
23 09 23 00-0913	EA	Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001).....	223.02	19.37
23 09 23 00-0914	EA	Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002).....	191.79	19.37
23 09 23 00-0915	EA	Door Switch Occupancy Sensor (Peco SE200-001).....	47.36	19.37
23 09 23 00-0916	EA	Window Switch Occupancy Sensor (Peco SE200-002).....	45.70	19.37
23 09 23 00-0917	EA	Power Pack And Controller (Peco SF200-001).....	85.08	19.37

23 09 23 00-0918 Johnson Controls (23 09 23)**23 09 23 00-0919 Johnson Controls, Labor (23 09 23 00-0918)**

23 09 23 00-0920	HR	Johnson Controls - Programmers/Technician.....	140.00	
------------------	----	--	--------	--

23 09 23 00-0921 Johnson Controls, Materials (23 09 23 00-0918)

23 09 23 00-0922	EA	APPL&DATA SERV 5 USER NEW (Johnson Controls MS-ADS05U-0).....	10,065.96	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0923	EA	CD-R MET APPL&DATA SVR 5 (Johnson Controls MS-ADS05U-6).....	4,831.24	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0924	EA	ADS05 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADS05U-SC3).....	6,843.66	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0925	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADS05U-SCS).....	2,517.63	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0926	EA	APP&DAT LITE-A SVR,5U,NEW (Johnson Controls MS-ADSLA5U-0).....	1,028.01	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0927	EA	APP&DAT LITE-E SVR,5U,NEW (Johnson Controls MS-ADSLE5U-0).....	2,500.97	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0928	EA	ADS05 SVR SUB SRVC 1 YR (Johnson Controls MS-ADSONLY-SCS).....	1,409.35	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0929	EA	ADVANCED GRAPHIC NEW CD-R (Johnson Controls MS-ADVGRF-0).....	1,300.66	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0930	EA	ADVANCED GRAPHICS UPGRADE (Johnson Controls MS-ADVGRF-6).....	364.12	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0931	EA	ADX10 W/RAP&SQL2008 NEW (Johnson Controls MS-ADX10SQL-0).....	22,416.59	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0932	EA	ADX10 W/SQL2008 UPGRADE (Johnson Controls MS-ADX10SQL-6).....	17,492.05	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0933	EA	ADX10 W/SQL2008 MIGRATION (Johnson Controls MS-ADX10SQL-8).....	15,687.95	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0934	EA	EXT APP&DATA SRV 10U NEW (Johnson Controls MS-ADX10U-0).....	11,941.53	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0935	EA	EXT APP& DATA SRV 10U UP (Johnson Controls MS-ADX10U-6).....	5,734.20	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0936	EA	EXT APP&DATA SRV 10U MIG (Johnson Controls MS-ADX10U-8).....	4,059.86	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0937	EA	ADX10 SRVR SUBS SRVC 3YR (Johnson Controls MS-ADX10U-SC3).....	8,120.25	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0938	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX10U-SCS).....	2,985.39	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0939	EA	ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADX25ONL-SCS).....	3,379.61	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0940	EA	ADX10 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXONLY-SCS).....	1,671.81	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0941	EA	EXT APP&DATA SRV 25U NEW (Johnson Controls MS-ADXSVO-0).....	24,140.12	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0942	EA	EXT APP&DATA SRV 25U UP (Johnson Controls MS-ADXSVO-6).....	11,587.25	
		Note: Material Only, Excludes Installation.		
23 09 23 00-0943	EA	EXT APP&DATA SRV 25U MIG (Johnson Controls MS-ADXSVO-8).....	16,419.59	
		Note: Material Only, Excludes Installation.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-0944 EA ADX25 SVR SUB SRVC 1 YR (Johnson Controls MS-ADXSVO-SCS).....	6,035.03	
Note: Material Only, Excludes Installation.		
23 09 23 00-0945 EA ADXSVO W/RAP&SQL2008 NEW (Johnson Controls MS-ADXSWSOQL-0)	34,615.18	
Note: Material Only, Excludes Installation.		
23 09 23 00-0946 EA ADXSVO W/SQL2008 UPGRADE (Johnson Controls MS-ADXSWSOQL-6).....	19,045.72	
Note: Material Only, Excludes Installation.		
23 09 23 00-0947 EA ADXSVO W/SQL08 MIGRATION (Johnson Controls MS-ADXSWSOQL-8)	29,063.16	
Note: Material Only, Excludes Installation.		
23 09 23 00-0948 EA PUSH BAR,DOOR,REX SW,36" (Johnson Controls MSB550-2V).....	216.07	
Note: Material Only, Excludes Installation.		
23 09 23 00-0949 EA TERMINAL MODULE (Johnson Controls MS-BACEOL-0).....	43.87	
Note: Material Only, Excludes Installation.		
23 09 23 00-0950 EA BATTERY 12V FOR NAE/NIE (Johnson Controls MS-BAT1010-0).....	72.75	
Note: Material Only, Excludes Installation.		
23 09 23 00-0951 EA BATTERY PACK (Johnson Controls MS-BAT1020-0).....	32.51	
Note: Material Only, Excludes Installation.		
23 09 23 00-0952 EA BLUETOOTH MSTP INTERFACE (Johnson Controls MS-BTCVT-1)	393.95	
Note: Material Only, Excludes Installation.		
23 09 23 00-0953 EA BLUETOOTH MSTP (Johnson Controls MS-BTCVT-1G)	422.98	
Note: Material Only, Excludes Installation.		
23 09 23 00-0954 EA MS-NIE5910-0 METASYS NIE (Johnson Controls MS-CIGCUST-0025).....	11,312.22	
Note: Material Only, Excludes Installation.		
23 09 23 00-0955 EA CUSTOM CIG - SIEMENS (Johnson Controls MS-CIGCUST-0027).....	11,691.15	
Note: Material Only, Excludes Installation.		
23 09 23 00-0956 EA INTERFACE BUFFER KIT (Johnson Controls MS-CIGCUSTKIT-0).....	685.55	
Note: Material Only, Excludes Installation.		
23 09 23 00-0957 EA COPY ADS05 USER (Johnson Controls MS-COPY-ADS05U)	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0958 EA COPY ADX10 USER (Johnson Controls MS-COPY-ADX10U)	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0959 EA COPY ADXSVO 25 USER (Johnson Controls MS-COPY-ADXSVO).....	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0960 EA COPY EXPORT UTILITY (Johnson Controls MS-COPY-EXPORT).....	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0961 EA COPY SCT (Johnson Controls MS-COPY-SCT)	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0962 EA RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0).....	171.97	
Note: Material Only, Excludes Installation.		
23 09 23 00-0963 EA RMT DISPLAY FOR NCE, FEC (Johnson Controls MS-DIS1710-0G).....	170.84	
Note: Material Only, Excludes Installation.		
23 09 23 00-0964 EA ENERGY ESSENTIALS (Johnson Controls MS-EREPORT-0)	895.31	
Note: Material Only, Excludes Installation.		
23 09 23 00-0965 EA ENERGY ESSENTIAL UPGRADE (Johnson Controls MS-EREPORT-6).....	62.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-0966 EA METASYS SYSTEM (Johnson Controls MS-EXPORT-0)	1,042.19	
Note: Material Only, Excludes Installation.		
23 09 23 00-0967 EA EXPORT UT UPGRADE S/W (Johnson Controls MS-EXPORT-6).....	302.26	
Note: Material Only, Excludes Installation.		
23 09 23 00-0968 EA FEC1611-0, FEC9, W/O (Johnson Controls MS-FEC1611-0).....	260.30	
Note: Material Only, Excludes Installation.		
23 09 23 00-0969 EA MS-FEC1611-0G (Johnson Controls MS-FEC1611-0G).....	274.11	
Note: Material Only, Excludes Installation.		
23 09 23 00-0970 EA FEC1621-0 FINAL ASSEMBLY (Johnson Controls MS-FEC1621-0).....	423.63	
Note: Material Only, Excludes Installation.		
23 09 23 00-0971 EA FEC2611-0,FEC17 (Johnson Controls MS-FEC2611-0)	374.84	
Note: Material Only, Excludes Installation.		
23 09 23 00-0972 EA MS-FEC2611-0G (Johnson Controls MS-FEC2611-0G)	394.71	
Note: Material Only, Excludes Installation.		
23 09 23 00-0973 EA FEC2621-1,FEC 17 (Johnson Controls MS-FEC2621-0)	538.17	
Note: Material Only, Excludes Installation.		
23 09 23 00-0974 EA MS-FEC2621-0G (Johnson Controls MS-FEC2621-0G)	566.70	
Note: Material Only, Excludes Installation.		
23 09 23 00-0975 EA CTRL 10 PT,W/ BASE,UL (Johnson Controls MS-FEU1610-0U).....	273.20	
Note: Material Only, Excludes Installation.		
23 09 23 00-0976 EA CTRL 10 PT,W/ BASE,DIS,UL (Johnson Controls MS-FEU1620-0U).....	444.60	
Note: Material Only, Excludes Installation.		
23 09 23 00-0977 EA CTRL 17 PT,W/ BASE,UL (Johnson Controls MS-FEU2610-0U).....	393.37	
Note: Material Only, Excludes Installation.		
23 09 23 00-0978 EA 1 PKG OF 10 FUSES (Johnson Controls MS-FUSE01-0).....	23.41	
Note: Material Only, Excludes Installation.		
23 09 23 00-0979 EA MS GGT-0 GRAPHICS (Johnson Controls MS-GGT-0)	1,314.19	
Note: Material Only, Excludes Installation.		
23 09 23 00-0980 EA MS-IOM1711-0 FINAL (Johnson Controls MS-IOM1711-0)	168.25	
Note: Material Only, Excludes Installation.		
23 09 23 00-0981 EA MS-IOM1711-0G (Johnson Controls MS-IOM1711-0G)	177.17	
Note: Material Only, Excludes Installation.		
23 09 23 00-0982 EA IO MOD 6PT,UL (Johnson Controls MS-IOM2710-0U)	231.01	
Note: Material Only, Excludes Installation.		
23 09 23 00-0983 EA MS-IOM2711-0 FINAL (Johnson Controls MS-IOM2711-0)	210.31	
Note: Material Only, Excludes Installation.		
23 09 23 00-0984 EA MS-IOM2711-0G (Johnson Controls MS-IOM2711-0G)	225.55	
Note: Material Only, Excludes Installation.		
23 09 23 00-0985 EA MS-IOM3711-0,FINAL (Johnson Controls MS-IOM3711-0)	273.40	
Note: Material Only, Excludes Installation.		
23 09 23 00-0986 EA MS-IOM3711-0G (Johnson Controls MS-IOM3711-0G)	287.89	
Note: Material Only, Excludes Installation.		
23 09 23 00-0987 EA IOM4711,IOM 17 POINT,UL (Johnson Controls MS-IOM4711-0)	292.86	
Note: Material Only, Excludes Installation.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-0988	EA	MS-IOM4711-0G (Johnson Controls MS-IOM4711-0G) Note: Material Only, Excludes Installation.	296.74	
23 09 23 00-0989	EA	MS-LCS8520-0 SERVER (Johnson Controls MS-LCS8520-0)..... Note: Material Only, Excludes Installation.	14,684.15	
23 09 23 00-0990	EA	LCS8520 SOFTWARE UPGRADE (Johnson Controls MS-LCS85SW-6) Note: Material Only, Excludes Installation.	3,306.77	
23 09 23 00-0991	EA	LOCAL DISPL.TERMINAL KIT (Johnson Controls MS-LDT1102-0)..... Note: Material Only, Excludes Installation.	433.17	
23 09 23 00-0992	EA	METASYS INTEGRATOR (Johnson Controls MS-MIG3520-0)..... Note: Material Only, Excludes Installation.	4,053.20	
23 09 23 00-0993	EA	META INTEGR.R9 PERFORM. (Johnson Controls MS-MIGPST-0) Note: Material Only, Excludes Installation.	240.03	
23 09 23 00-0994	EA	METASYS INTEGR.SW-FACT. (Johnson Controls MS-MIGSWO-0)..... Note: Material Only, Excludes Installation.	429.77	
23 09 23 00-0995	EA	SOFTWARE, METASYS INTEGRA (Johnson Controls MS-MIGSWO-1) Note: Material Only, Excludes Installation.	429.77	
23 09 23 00-0996	EA	ENGINE IMAG SUBSC SVC 3YR (Johnson Controls MS-MULTENG-SC3) Note: Material Only, Excludes Installation.	1,356.84	
23 09 23 00-0997	EA	ENGINE IMAGE (Johnson Controls MS-MULTENG-SCS)..... Note: Material Only, Excludes Installation.	514.38	
23 09 23 00-0998	EA	ENGINE IMAGE (Johnson Controls MS-MULTENGSW-6) Note: Material Only, Excludes Installation.	935.31	
23 09 23 00-0999	EA	MVE 10 TO 25 USER (Johnson Controls MS-MVE1025U-8) Note: Material Only, Excludes Installation.	9,205.20	
23 09 23 00-1000	EA	MVE 10 USER SW, NEW ORDER (Johnson Controls MS-MVE10U-0) Note: Material Only, Excludes Installation.	20,840.41	
23 09 23 00-1001	EA	MVE,UPGRADE,10 (Johnson Controls MS-MVE10U-6) Note: Material Only, Excludes Installation.	6,120.63	
23 09 23 00-1002	EA	MVE 10 USER SW-SUBSCRIPT (Johnson Controls MS-MVE10U-SCS) Note: Material Only, Excludes Installation.	4,168.21	
23 09 23 00-1003	EA	MVE 25 USER SW, NEW ORDER (Johnson Controls MS-MVE25U-0) Note: Material Only, Excludes Installation.	29,605.14	
23 09 23 00-1004	EA	MVE,UPGRADE,25 (Johnson Controls MS-MVE25U-6) Note: Material Only, Excludes Installation.	8,031.32	
23 09 23 00-1005	EA	MS-MVE25U-SC3,MVE 25 (Johnson Controls MS-MVE25U-SC3)..... Note: Material Only, Excludes Installation.	17,631.50	
23 09 23 00-1006	EA	MVE 25 USER SW-SUBSCRIPT (Johnson Controls MS-MVE25U-SCS) Note: Material Only, Excludes Installation.	6,252.30	
23 09 23 00-1007	EA	MVE 5 TO 10 USER (Johnson Controls MS-MVE510U-8) Note: Material Only, Excludes Installation.	16,672.81	
23 09 23 00-1008	EA	MVE 5 TO 25 USER (Johnson Controls MS-MVE525U-8) Note: Material Only, Excludes Installation.	25,743.07	
23 09 23 00-1009	EA	MVE 5 USER SW, NEW ORDER (Johnson Controls MS-MVE5U-0) Note: Material Only, Excludes Installation.	3,919.53	
23 09 23 00-1010	EA	MVE,UPGRADE,5 USERS (Johnson Controls MS-MVE5U-6)..... Note: Material Only, Excludes Installation.	1,151.13	
23 09 23 00-1011	EA	MVE 5 USER SW-SUBSCRIPT (Johnson Controls MS-MVE5U-SCS) Note: Material Only, Excludes Installation.	1,458.87	
23 09 23 00-1012	EA	NAE 1 RS485 50 DEV (Johnson Controls MS-NAE3510-2) Note: Material Only, Excludes Installation.	2,431.52	
23 09 23 00-1013	EA	NAE 50 DEV,N2/MSTP, UL (Johnson Controls MS-NAE3510-2U) Note: Material Only, Excludes Installation.	2,539.32	
23 09 23 00-1014	EA	NAE 1 RS485 50 DEV MODEM (Johnson Controls MS-NAE3511-2) Note: Material Only, Excludes Installation.	2,565.14	
23 09 23 00-1015	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2)..... Note: Material Only, Excludes Installation.	1,721.00	
23 09 23 00-1016	EA	NAE 1 RS485 50 DEV BA UI (Johnson Controls MS-NAE3514-2G)..... Note: Material Only, Excludes Installation.	1,755.42	
23 09 23 00-1017	EA	NAE 1 RS485 50 DEV MDM BA (Johnson Controls MS-NAE3515-2)..... Note: Material Only, Excludes Installation.	1,853.40	
23 09 23 00-1018	EA	NAE 1 LON (Johnson Controls MS-NAE3520-2) Note: Material Only, Excludes Installation.	2,431.46	
23 09 23 00-1019	EA	MS-NAE3520-2G (Johnson Controls MS-NAE3520-2G) Note: Material Only, Excludes Installation.	2,553.04	
23 09 23 00-1020	EA	NAE 1 LON MODEM (Johnson Controls MS-NAE3521-2) Note: Material Only, Excludes Installation.	2,636.22	
23 09 23 00-1021	EA	NAE 1 LON BA UI (Johnson Controls MS-NAE3524-2)..... Note: Material Only, Excludes Installation.	1,663.63	
23 09 23 00-1022	EA	NAE 1 LON MDM BA UI (Johnson Controls MS-NAE3525-2)..... Note: Material Only, Excludes Installation.	1,792.94	
23 09 23 00-1023	EA	NAE 1 RS485 100 DEV 1=10 (Johnson Controls MS-NAE4510-2) Note: Material Only, Excludes Installation.	4,713.85	
23 09 23 00-1024	EA	NAE 100 DEV,N2/MSTP, UL (Johnson Controls MS-NAE4510-2U) Note: Material Only, Excludes Installation.	4,922.84	
23 09 23 00-1025	EA	NAE 1 RS485 100 DEV MODEM (Johnson Controls MS-NAE4511-2) Note: Material Only, Excludes Installation.	4,917.33	
23 09 23 00-1026	EA	NAE 1 LON (Johnson Controls MS-NAE4520-2) Note: Material Only, Excludes Installation.	4,197.47	
23 09 23 00-1027	EA	MS-NAE4521-2 (Johnson Controls MS-NAE4521-2)..... Note: Material Only, Excludes Installation.	4,402.24	
23 09 23 00-1028	EA	NAE 2-N2/MSTP, UL (Johnson Controls MS-NAE5510-1U) Note: Material Only, Excludes Installation.	7,445.28	
23 09 23 00-1029	EA	NAE55, 2 RS485 (Johnson Controls MS-NAE5510-2) Note: Material Only, Excludes Installation.	7,129.20	
23 09 23 00-1030	EA	NAE55, 2 RS485, BA (Johnson Controls MS-NAE5510-2G)..... Note: Material Only, Excludes Installation.	7,129.20	
23 09 23 00-1031	EA	FIPS 140-2 Hardened NAE5510 w/ Enclosure (Johnson Controls MS-NAE5510-EER)..... Note: Material Only, Excludes Installation.	14,248.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 00-1032 EA NAE55, 2 RS485, MODEM (Johnson Controls MS-NAE5511-2).....	7,414.14	
Note: Material Only, Excludes Installation.		
23 09 23 00-1033 EA NAE55, 2 RS485, LON (Johnson Controls MS-NAE5520-2).....	7,931.50	
Note: Material Only, Excludes Installation.		
23 09 23 00-1034 EA NAE55, 2 RS485, LON, MDM (Johnson Controls MS-NAE5521-2).....	8,211.15	
Note: Material Only, Excludes Installation.		
23 09 23 00-1035 EA NCM4500 NT CBL KIT (Johnson Controls MS-NC45NTE-0).....	118.38	
Note: Material Only, Excludes Installation.		
23 09 23 00-1036 EA NCM4500 NT CBL KIT,NORTH (Johnson Controls MS-NC45NTE-0).....	90.96	
Note: Material Only, Excludes Installation.		
23 09 23 00-1037 EA NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0).....	1,495.78	
Note: Material Only, Excludes Installation.		
23 09 23 00-1038 EA NCE, 33 POINTS, N2 (Johnson Controls MS-NCE2510-0G).....	1,525.69	
Note: Material Only, Excludes Installation.		
23 09 23 00-1039 EA NCE, 33 POINTS, N2, MDM (Johnson Controls MS-NCE2511-0).....	1,547.37	
Note: Material Only, Excludes Installation.		
23 09 23 00-1040 EA NCE, 33 PNTS, N2, DISPLY (Johnson Controls MS-NCE2516-0).....	1,660.84	
Note: Material Only, Excludes Installation.		
23 09 23 00-1041 EA NCE, 33 PTS, N2, MDM, DIS (Johnson Controls MS-NCE2517-0).....	1,712.41	
Note: Material Only, Excludes Installation.		
23 09 23 00-1042 EA NCE, 33 PNTS, LON (Johnson Controls MS-NCE2520-0).....	1,495.78	
Note: Material Only, Excludes Installation.		
23 09 23 00-1043 EA NCE, 33 PTS, LON, MDM (Johnson Controls MS-NCE2521-0).....	1,547.37	
Note: Material Only, Excludes Installation.		
23 09 23 00-1044 EA NCE, 33 PNTS, LON, DISPLY (Johnson Controls MS-NCE2526-0).....	1,660.84	
Note: Material Only, Excludes Installation.		
23 09 23 00-1045 EA NCE, 33 PTS LON, MDM, DIS (Johnson Controls MS-NCE2527-0).....	1,712.41	
Note: Material Only, Excludes Installation.		
23 09 23 00-1046 EA NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0).....	1,495.78	
Note: Material Only, Excludes Installation.		
23 09 23 00-1047 EA NCE, 33 POINTS, MSTP (Johnson Controls MS-NCE2560-0G).....	1,525.69	
Note: Material Only, Excludes Installation.		
23 09 23 00-1048 EA NCE 33 PNTS,MSTP UL 864 (Johnson Controls MS-NCE2560-0U).....	1,540.49	
Note: Material Only, Excludes Installation.		
23 09 23 00-1049 EA NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0).....	1,547.37	
Note: Material Only, Excludes Installation.		
23 09 23 00-1050 EA NCE, 33 POINTS, MSTP, MDM (Johnson Controls MS-NCE2561-0G).....	1,578.30	
Note: Material Only, Excludes Installation.		
23 09 23 00-1051 EA NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0).....	1,566.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-1052 EA NCE, 33 PTS, MSTP, DISPLY (Johnson Controls MS-NCE2566-0G).....	1,598.16	
Note: Material Only, Excludes Installation.		
23 09 23 00-1053 EA NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0).....	1,615.49	
Note: Material Only, Excludes Installation.		
23 09 23 00-1054 EA NCE, 33 PTS, MSTP/MDM/DIS (Johnson Controls MS-NCE2567-0G).....	1,647.79	
Note: Material Only, Excludes Installation.		
23 09 23 00-1055 EA NCM 1 N2 ETH (Johnson Controls MS-NCM4510-2).....	6,456.40	
Note: Material Only, Excludes Installation.		
23 09 23 00-1056 EA NCM LON ETH (Johnson Controls MS-NCM4520-2).....	8,540.22	
Note: Material Only, Excludes Installation.		
23 09 23 00-1057 EA ETHERNET CARD FOR N30 (Johnson Controls MS-NET1300-0).....	324.58	
Note: Material Only, Excludes Installation.		
23 09 23 00-1058 EA NIE55, N1 (Johnson Controls MS-NIE5510-2).....	7,129.20	
Note: Material Only, Excludes Installation.		
23 09 23 00-1059 EA NIE55, N1, MODEM (Johnson Controls MS-NIE5511-2).....	7,408.65	
Note: Material Only, Excludes Installation.		
23 09 23 00-1060 EA NIE85 10KOBJT. RACKMOUNT (Johnson Controls MS-NIE8500-0).....	14,091.99	
Note: Material Only, Excludes Installation.		
23 09 23 00-1061 EA NXE8500 S/W NEW (Johnson Controls MS-NXE85SW-0).....	11,539.30	
Note: Material Only, Excludes Installation.		
23 09 23 00-1062 EA SOFTWARE UPGRADE (Johnson Controls MS-NXE85SW-6).....	3,231.92	
Note: Material Only, Excludes Installation.		
23 09 23 00-1063 EA 8500 SW SUB SER (Johnson Controls MS-NXE85SW-SCS).....	2,181.75	
Note: Material Only, Excludes Installation.		
23 09 23 00-1064 EA READY ACCESS PORTAL/TYPE (Johnson Controls MS-RAP-0).....	991.44	
Note: Material Only, Excludes Installation.		
23 09 23 00-1065 EA METASYS SCT SOFTWARE (Johnson Controls MS-SCTSWO-0).....	1,407.02	
Note: Material Only, Excludes Installation.		
23 09 23 00-1066 EA MET.SYS.CONF.TOOL CD ROM (Johnson Controls MS-SCTSWO-6).....	703.83	
Note: Material Only, Excludes Installation.		
23 09 23 00-1067 EA CONNECTOR KIT,NAE (Johnson Controls MS-TBKNAE-0).....	14.98	
Note: Material Only, Excludes Installation.		
23 09 23 00-1068 EA MS-THINAPP-0, 10 THIN (Johnson Controls MS-THINAPP-0).....	514.00	
Note: Material Only, Excludes Installation.		
23 09 23 00-1069 EA MS-THINSUP-0 (Johnson Controls MS-THINSUP-0).....	171.33	
Note: Material Only, Excludes Installation.		
23 09 23 00-1070 EA VAV MSTP,CLG,UL (Johnson Controls MS-VMA1610-0U).....	252.46	
Note: Material Only, Excludes Installation.		
23 09 23 00-1071 EA NEXSYS FSC 01, UL (Johnson Controls MS-VMA1620-0U).....	293.09	
Note: Material Only, Excludes Installation.		
23 09 23 00-1072 EA MS-VMAACT-700 ACT. ASSY (Johnson Controls MS-VMAACT-700).....	44.49	
Note: Material Only, Excludes Installation.		
23 09 23 00-1073 EA WIRELSS FLDBUS COORDINATR (Johnson Controls MS-ZFR1810-0).....	282.73	
Note: Material Only, Excludes Installation.		
23 09 23 00-1074 EA ASSEMBLY SUPERVOSORY (Johnson Controls MS-ZFR1810-0G).....	272.23	
Note: Material Only, Excludes Installation.		
23 09 23 00-1075 EA WIRELSS FIELDDBUS ROUTER (Johnson Controls MS-ZFR1811-0).....	95.95	
Note: Material Only, Excludes Installation.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 09 Instrumentation And Control For HVAC****23 09 23 Direct-Digital Control System For HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 00-1076	EA	WIRELESS FIELDBUS ROUTER (Johnson Controls MS-ZFR1811-0G).....	106.04	
		Note: Material Only, Excludes Installation.		
23 09 23 00-1077	EA	CABLE ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRCBL-0).....	14.04	
		Note: Material Only, Excludes Installation.		
23 09 23 00-1078	EA	REPEATR ACSRY FOR ZFR1811 (Johnson Controls MS-ZFRRPT-0).....	49.50	
		Note: Material Only, Excludes Installation.		

23 10 Facility Fuel Systems ⁽²³⁾**23 11 Facility Fuel Piping ^(23 10)****23 11 23 Facility Natural-Gas Piping ^(23 11)****23 11 23 00-0001 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping ^(23 11 23)****23 11 23 00-0002 Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0001)**

Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.

23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	4.53	1.49
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	4.98	1.60
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.96	1.73
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.52	1.83
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	8.85	1.93
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	13.46	2.00
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	18.22	2.13

23 11 23 00-0010 Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0001)**23 11 23 00-0011 Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0010)**

23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	21.60	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	21.60	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	23.16	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	23.16	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	27.82	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.25	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.25	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	64.85	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	118.56	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	191.87	

23 11 23 00-0022 Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0010)

23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	20.92	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	23.16	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	23.16	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.82	
23 11 23 00-0027	EA	1-1/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.82	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.58	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	36.58	

23 11 23 00-0030 Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0010)

23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.22	
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.19	

23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0010)

23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.99	
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	32.16	
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	40.34	
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	57.79	
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	108.05	
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	210.75	
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	349.83	

23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe ^(23 11 23 00-0010)

23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	40.09	
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	64.45	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		102.02	
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		175.44	
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		188.63	
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		216.56	
23 11 23 00-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0049	EA	3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		26.03	
23 11 23 00-0050	EA	1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		26.92	
23 11 23 00-0051	EA	3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		29.28	
23 11 23 00-0052	EA	1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		39.36	
23 11 23 00-0053	EA	1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		39.93	
23 11 23 00-0054		Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0055	EA	3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		28.68	
23 11 23 00-0056	EA	1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		29.46	
23 11 23 00-0057	EA	3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		34.66	
23 11 23 00-0058	EA	1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		40.87	
23 11 23 00-0059	EA	1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		40.87	
23 11 23 00-0060		Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0061	EA	3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		44.98	
23 11 23 00-0062	EA	1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		46.13	
23 11 23 00-0063	EA	3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		48.38	
23 11 23 00-0064	EA	1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		76.88	
23 11 23 00-0065	EA	1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		79.83	
23 11 23 00-0066	EA	1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		115.13	
23 11 23 00-0067	EA	2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		143.18	
23 11 23 00-0068		Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0069	EA	3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		47.55	
23 11 23 00-0070	EA	1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		48.65	
23 11 23 00-0071	EA	3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		53.67	
23 11 23 00-0072	EA	1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		97.10	
23 11 23 00-0073	EA	1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		100.22	
23 11 23 00-0074	EA	1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		137.86	
23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		173.97	
23 11 23 00-0076		Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		27.58	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		29.77	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		45.23	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		69.58	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		135.12	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		215.06	
23 11 23 00-0083		Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
		Note: Includes mounting plate.			
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		23.80	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		25.93	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....		23.82	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		23.90	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		24.91	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		29.62	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe		35.63	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 11 23 00-0091		Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.			
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	67.23		15.56
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	75.97		16.33
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	48.20		13.61
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	56.07		16.18
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	68.80		19.46
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	86.06		25.99
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
		Note: Includes mounting hardware.			
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	59.19		16.18
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	67.16		19.46
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	63.42		16.18
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	69.90		19.46
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	133.13		48.63
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>			
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	62.62		16.18
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	62.62		16.18
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	87.92		16.18
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	94.40		19.46
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	94.40		19.46
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	107.37		25.99
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	160.74		29.17
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	83.44		16.18
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	208.99		19.46
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	508.53		29.17
23 11 23 00-0116		Gas Stops <small>(23 11 23)</small>			
23 11 23 00-0117		Brass Gas Stops <small>(23 11 23 00-0116)</small>			
		Note: Flat or square head			
23 11 23 00-0118	EA	3/8" Brass Gas Stop.....	34.34		8.45
23 11 23 00-0119	EA	1/2" Brass Gas Stop.....	33.59		8.45
23 11 23 00-0120	EA	3/4" Brass Gas Stop.....	44.51		9.30
23 11 23 00-0121	EA	1" Brass Gas Stop.....	59.44		10.57
23 11 23 00-0122	EA	1-1/4" Brass Gas Stop.....	77.83		11.24
23 11 23 00-0123	EA	1-1/2" Brass Gas Stop.....	95.44		13.01
23 11 23 00-0124	EA	2" Brass Gas Stop.....	126.53		15.38
23 11 23 00-0125		Iron Body Gas Stops <small>(23 11 23 00-0116)</small>			
23 11 23 00-0126	EA	1/2" Iron Body Gas Stop.....	41.12		8.45
23 11 23 00-0127	EA	3/4" Iron Body Gas Stop.....	51.92		9.30
23 11 23 00-0128	EA	1" Iron Body Gas Stop.....	63.91		10.57
23 11 23 00-0129	EA	1-1/4" Iron Body Gas Stop.....	82.17		11.24
23 11 23 00-0130	EA	1-1/2" Iron Body Gas Stop.....	100.89		13.01
23 11 23 00-0131	EA	2" Iron Body Gas Stop.....	127.77		15.38
23 11 23 00-0132	EA	2-1/2" Iron Body Gas Stop.....	228.01		20.77
23 11 23 00-0133	EA	3" Iron Body Gas Stop.....	297.47		24.12
23 11 23 00-0134		Bronze Body Solenoid Valves, 150 PSI Gas <small>(23 11 23)</small>			
23 11 23 00-0135	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	85.50		8.45
23 11 23 00-0136	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	99.06		8.45
23 11 23 00-0137	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	127.04		9.30
23 11 23 00-0138	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas.....	185.90		10.57
23 11 23 00-0139	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	326.08		13.01
23 11 23 00-0140	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas.....	540.19		15.38
23 11 23 00-0141	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	672.96		20.77
23 11 23 00-0142	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas.....	997.98		24.12
23 11 33		Facility Fiberglass Reinforced Piping <small>(23 11)</small>			
23 11 33 00-0001		Fiberglass Reinforced Plastic Pipe And Fittings <small>(23 11 33)</small>			

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

23 11 33 00-0002		Fiberglass Reinforced Plastic Pipe (23 11 33 00-0001)		
		Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (include in modifier for use as inner pipe).		
23 11 33 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe.....	13.31	5.60
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-6.28	
23 11 33 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe.....	15.95	6.69
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-7.53	
23 11 33 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe.....	21.57	9.88
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-11.09	
23 11 33 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe.....	25.12	11.36
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-12.49	
23 11 33 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe.....	29.20	12.68
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-14.29	
23 11 33 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe.....	39.03	15.22
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-17.10	
23 11 33 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe.....	50.87	18.09
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-20.39	
23 11 33 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe.....	66.39	22.79
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-25.64	
23 11 33 00-0011		Fiberglass Reinforced Plastic Fittings (23 11 33 00-0001)		
23 11 33 00-0012		Fiberglass Reinforced Plastic Flanged 90 Degree Elbows (23 11 33 00-0011)		
23 11 33 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	108.23	55.79
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-62.75	
23 11 33 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	128.24	66.99
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-75.29	
23 11 33 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	152.44	77.80
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-87.47	
23 11 33 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	184.48	90.01
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-99.30	
23 11 33 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	219.75	101.00
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-113.56	
23 11 33 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	306.18	126.20
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-141.95	
23 11 33 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	388.67	152.02
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-170.95	
23 11 33 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	512.31	188.51
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-211.97	
23 11 33 00-0021		Fiberglass Reinforced Plastic Flanged 45 Degree Elbows (23 11 33 00-0011)		
23 11 33 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	108.42	55.79
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-62.75	
23 11 33 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	128.29	66.99
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-75.29	
23 11 33 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	152.64	77.88
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-87.53	
23 11 33 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	188.26	92.50
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-102.12	
23 11 33 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	219.68	101.00
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-113.56	
23 11 33 00-0027	EA	8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	306.18	126.20
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-141.95	
23 11 33 00-0028	EA	10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	397.98	152.02
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-170.95	
23 11 33 00-0029	EA	12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	512.31	188.51
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-211.97	
23 11 33 00-0030		Fiberglass Reinforced Plastic Flanged Tees (23 11 33 00-0011)		
23 11 33 00-0031	EA	2" Fiberglass Reinforced Plastic Flanged Tee.....	160.84	83.71
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-94.12	
23 11 33 00-0032	EA	3" Fiberglass Reinforced Plastic Flanged Tee.....	196.11	100.83
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-113.35	
23 11 33 00-0033	EA	4" Fiberglass Reinforced Plastic Flanged Tee.....	225.34	116.78
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-131.31	
23 11 33 00-0034	EA	5" Fiberglass Reinforced Plastic Flanged Tee.....	273.53	138.72
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-153.23	
23 11 33 00-0035	EA	6" Fiberglass Reinforced Plastic Flanged Tee.....	316.09	152.02
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-170.95	
23 11 33 00-0036	EA	8" Fiberglass Reinforced Plastic Flanged Tee.....	394.76	188.51
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-211.97	
23 11 33 00-0037	EA	10" Fiberglass Reinforced Plastic Flanged Tee.....	554.53	228.02
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-256.43	
23 11 33 00-0038	EA	12" Fiberglass Reinforced Plastic Flanged Tee.....	712.29	277.23
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-311.73	
23 11 33 00-0039		Fiberglass Reinforced Plastic Flanged Wyes (23 11 33 00-0011)		
23 11 33 00-0040	EA	2" Fiberglass Reinforced Plastic Flanged Wye.....	184.76	83.71
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-94.12	
23 11 33 00-0041	EA	3" Fiberglass Reinforced Plastic Flanged Wye.....	230.17	100.68
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-113.21	
23 11 33 00-0042	EA	4" Fiberglass Reinforced Plastic Flanged Wye.....	268.82	116.78
		<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-131.30	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 11 33 00-0043	EA 5" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	310.57 -153.23	138.72
23 11 33 00-0044	EA 6" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	346.68 -170.95	152.02
23 11 33 00-0045	EA 8" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	443.13 -211.97	188.51
23 11 33 00-0046	EA 10" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	615.53 -256.43	228.02
23 11 33 00-0047	EA 12" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	778.79 -311.73	277.23
23 11 33 00-0048	Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 33 00-0011)		
23 11 33 00-0049	EA 2" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	113.61 -62.75	55.79
23 11 33 00-0050	EA 3" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	141.69 -75.29	66.99
23 11 33 00-0051	EA 4" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	159.96 -87.53	77.88
23 11 33 00-0052	EA 5" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	186.14 -102.12	92.50
23 11 33 00-0053	EA 6" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	208.11 -113.56	101.00
23 11 33 00-0054	EA 8" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	268.29 -141.95	126.20
23 11 33 00-0055	EA 10" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	333.13 -170.95	152.02
23 11 33 00-0056	EA 12" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	435.03 -211.97	188.51
23 11 33 00-0057	Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 33 00-0011)		
23 11 33 00-0058	EA 2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	102.92 -62.75	55.79
23 11 33 00-0059	EA 3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	121.26 -75.29	66.99
23 11 33 00-0060	EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	139.55 -87.53	77.88
23 11 33 00-0061	EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	166.15 -102.12	92.50
23 11 33 00-0062	EA 6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	188.55 -113.56	101.00
23 11 33 00-0063	EA 8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	214.41 -141.95	126.20
23 11 33 00-0064	EA 10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	264.07 -170.95	152.02
23 11 33 00-0065	EA 12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	361.20 -211.97	188.51
23 11 33 00-0066	Fiberglass Reinforced Plastic Nipples (23 11 33 00-0011)		
23 11 33 00-0067	EA 2" x 6" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	15.36 -7.53	6.69
23 11 33 00-0068	EA 2" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	30.66 -15.02	13.38
23 11 33 00-0069	EA 3" x 8" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	38.65 -11.56	10.27
23 11 33 00-0070	EA 3" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	47.21 -15.92	14.16
23 11 33 00-0071	EA 4" x 8" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	40.74 -11.36	10.07
23 11 33 00-0072	EA 4" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	52.24 -17.03	15.14
23 11 33 00-0073	EA 6" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	62.60 -18.74	16.96
23 11 33 00-0074	EA 6" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	72.97 -20.46	18.17
23 11 33 00-0075	EA 8" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	50.93 -23.84	21.19
23 11 33 00-0076	EA 8" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	70.91 -34.04	30.28
23 11 33 00-0077	EA 10" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	70.54 -24.24	21.58
23 11 33 00-0078	EA 10" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	105.79 -36.29	32.25
23 11 33 00-0079	EA 12" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	79.23 -25.00	22.26
23 11 33 00-0080	EA 12" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	108.22 -37.49	33.31
23 11 33 00-0081	Fiberglass Reinforced Plastic Sleeve Couplings (23 11 33 00-0011)		
23 11 33 00-0082	EA 2" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	88.54 -62.75	55.79
23 11 33 00-0083	EA 3" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	106.34 -75.29	66.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 33 00-0084	EA		4" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	123.41 -87.53	77.88
23 11 33 00-0085	EA		5" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	145.42 -102.12	92.50
23 11 33 00-0086	EA		6" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	163.23 -113.56	101.00
23 11 33 00-0087	EA		8" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	206.59 -141.95	126.20
23 11 33 00-0088	EA		10" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	254.32 -170.95	152.02
23 11 33 00-0089	EA		12" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	313.74 -211.97	188.51
23 11 33 00-0090			Fiberglass Reinforced Plastic Flanges <small>(23 11 33 00-0011)</small>		
23 11 33 00-0091	EA		2" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	89.15 -62.75	55.79
23 11 33 00-0092	EA		3" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	107.14 -75.29	66.99
23 11 33 00-0093	EA		4" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	122.50 -85.02	75.63
23 11 33 00-0094	EA		5" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	144.74 -99.37	90.01
23 11 33 00-0095	EA		6" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	166.77 -113.56	101.00
23 11 33 00-0096	EA		8" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	202.04 -135.88	120.83
23 11 33 00-0097	EA		10" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	259.83 -170.95	152.02
23 11 33 00-0098	EA		12" Fiberglass Reinforced Plastic Flange <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	335.80 -211.97	188.51
23 11 33 00-0099			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings <small>(23 11 33)</small>		
23 11 33 00-0100			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing <small>(23 11 33 00-0099)</small>		
23 11 33 00-0101	LF		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	51.31	24.04
23 11 33 00-0102	LF		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	60.99	28.48
23 11 33 00-0103	LF		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	84.05	42.01
23 11 33 00-0104	LF		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	113.11	54.46
23 11 33 00-0105	LF		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	147.94	65.11
23 11 33 00-0106	LF		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	189.17	77.22
23 11 33 00-0107	LF		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	240.33	97.43
23 11 33 00-0108			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings <small>(23 11 33 00-0099)</small>		
23 11 33 00-0109			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows <small>(23 11 33 00-0108)</small>		
23 11 33 00-0110	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	770.51	297.52
23 11 33 00-0111	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	903.16	357.11
23 11 33 00-0112	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	1,095.21	414.99
23 11 33 00-0113	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	1,709.81	538.50
23 11 33 00-0114	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,553.50	673.25
23 11 33 00-0115	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	3,337.13	809.98
23 11 33 00-0116	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	4,370.98	1,003.03
23 11 33 00-0117			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows <small>(23 11 33 00-0108)</small>		
23 11 33 00-0118	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	771.22	297.52
23 11 33 00-0119	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	901.92	357.11
23 11 33 00-0120	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	1,094.23	414.99
23 11 33 00-0121	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	1,704.09	538.50
23 11 33 00-0122	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,545.22	673.25
23 11 33 00-0123	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	3,326.31	810.36
23 11 33 00-0124	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	4,359.02	1,005.30

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 11 33 00-0125		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees <small>(23 11 33 00-0108)</small>			
23 11 33 00-0126	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,108.01		446.27
23 11 33 00-0127	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,364.89		537.85
23 11 33 00-0128	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	1,557.79		622.81
23 11 33 00-0129	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,310.16		810.73
23 11 33 00-0130	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	2,899.50		1,005.30
23 11 33 00-0131	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee.....	4,461.21		1,214.71
23 11 33 00-0132	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee.....	5,891.54		1,472.78
23 11 33 00-0133		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes <small>(23 11 33 00-0108)</small>			
23 11 33 00-0134	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,405.10		446.27
23 11 33 00-0135	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	1,789.09		537.22
23 11 33 00-0136	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,097.92		622.81
23 11 33 00-0137	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	2,689.90		810.73
23 11 33 00-0138	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	3,500.03		1,005.30
23 11 33 00-0139	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye.....	5,218.67		1,214.71
23 11 33 00-0140	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye.....	6,717.22		1,472.78
23 11 33 00-0141		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers <small>(23 11 33 00-0108)</small>			
23 11 33 00-0142	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	817.92		297.52
23 11 33 00-0143	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,048.14		357.11
23 11 33 00-0144	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,159.18		414.99
23 11 33 00-0145	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,511.31		538.50
23 11 33 00-0146	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	1,990.66		673.25
23 11 33 00-0147	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	2,520.56		809.98
23 11 33 00-0148	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer	3,396.12		1,003.03
23 11 33 00-0149		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters <small>(23 11 33 00-0108)</small>			
23 11 33 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	685.15		297.52
23 11 33 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	794.58		357.11
23 11 33 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	905.86		414.99
23 11 33 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,268.51		538.50
23 11 33 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,321.66		673.25
23 11 33 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	1,663.04		809.98
23 11 33 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter	2,479.43		1,003.03
23 11 33 00-0157		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples <small>(23 11 33 00-0108)</small>			
23 11 33 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	119.56		35.71
23 11 33 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	238.84		71.27
23 11 33 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	370.70		54.77
23 11 33 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	435.92		75.48
23 11 33 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	398.62		53.82
23 11 33 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	487.88		80.78
23 11 33 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	712.78		97.06
23 11 33 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	407.26		113.11
23 11 33 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	558.98		161.48
23 11 33 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	646.94		114.92
23 11 33 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	970.82		172.15
23 11 33 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	747.69		118.55
23 11 33 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	989.69		177.84
23 11 33 00-0171		Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges <small>(23 11 33 00-0108)</small>			
23 11 33 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	718.01		403.21
23 11 33 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	998.07		538.50
23 11 33 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,225.53		644.56
23 11 33 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,610.47		809.98
23 11 33 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,164.01		1,003.03

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST
 DEMOLITION
 UNIT COST

23 12 Facility Fuel Pumps (23 10)
23 12 13 Facility Fuel-Oil Pumps (23 12)

23 12 13 00-0001		Cast Iron Internal Gear Rotary Pump (23 12 13)		
		Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise, diesel oil, and light oil.		
23 12 13 00-0002		10 GPM 1" Discharge (23 12 13 00-0001)		
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,805.24	225.74
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,860.42	273.23
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	2,012.19	324.60
23 12 13 00-0006		25 GPM 1-1/4" Discharge (23 12 13 00-0001)		
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,851.15	225.74
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,935.30	273.23
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	2,019.34	324.60
23 12 13 00-0010		Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI (23 12 13)		
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel	1,317.41	126.49
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel	1,559.04	141.68
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel	1,698.96	158.79
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel	1,845.11	179.04
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel	2,670.95	199.28
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel	3,296.52	223.02
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel	3,649.26	249.87
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel	4,485.79	279.45
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel	5,310.95	313.32
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel	5,945.35	351.46
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel	6,666.08	393.96

23 12 16 Facility Gasoline Dispensing Pumps (23 12)

23 12 16 00-0001		Unloading Hose And Accessories (23 12 16)		
23 12 16 00-0002		Hoses With Braided Rayon Cord, Neoprene Cover, And End Couplings (23 12 16 00-0001)		
23 12 16 00-0003		Two Braid Hose x 25' (23 12 16 00-0002)		
23 12 16 00-0004	EA	3/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	188.28	31.50
23 12 16 00-0005	EA	1" x 1-1/2", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	213.26	31.50
23 12 16 00-0006	EA	1-1/4" x 1-3/4", 2-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	282.93	31.50
23 12 16 00-0007		Two Braid Hose x 50' (23 12 16 00-0002)		
23 12 16 00-0008	EA	3/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	375.41	63.80
23 12 16 00-0009	EA	1" x 1-1/2", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	424.28	63.80
23 12 16 00-0010	EA	1-1/4" x 1-3/4", 2-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	565.14	63.80
23 12 16 00-0011		Three Braid Hose x 25' (23 12 16 00-0002)		
23 12 16 00-0012	EA	1-1/2" x 2-3/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	412.78	31.50
23 12 16 00-0013	EA	2" x 2-21/32", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	515.64	42.53
23 12 16 00-0014	EA	2-1/2" x 3-3/16", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	716.75	52.78
23 12 16 00-0015	EA	3" x 3-3/4", 3-Braid Hose, 25' Long Rayon Cord, Neoprene Cover And End Couplings	897.31	63.80
23 12 16 00-0016		Three Braid Hose x 50' (23 12 16 00-0002)		
23 12 16 00-0017	EA	1-1/2" x 2-3/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	745.30	63.80
23 12 16 00-0018	EA	2" x 2-21/32", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	920.77	84.28
23 12 16 00-0019	EA	2-1/2" x 3-3/16", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,230.87	106.33
23 12 16 00-0020	EA	3" x 3-3/4", 3-Braid Hose, 50' Long Rayon Cord, Neoprene Cover And End Couplings	1,499.06	126.81
23 12 16 00-0021		Tank Car Unloading Hose Assemblies (23 12 16 00-0001)		
23 12 16 00-0022		Flexible Galvanized Hose Assemblies (23 12 16 00-0021)		
		Note: Each end includes a female coupling.		
23 12 16 00-0023	EA	2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	401.18	74.04
23 12 16 00-0024	EA	2-1/2" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	480.60	74.04
23 12 16 00-0025	EA	3" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	561.97	74.04
23 12 16 00-0026	EA	4" Inside Diameter x 10' Flexible Galvanized Hose Assembly With Female Coupling Each End	879.69	74.04
23 12 16 00-0027		Standard Gas Station Pumps (23 12 16)		
23 12 16 00-0028		Gasoline Pumps (23 12 16 00-0027)		
		Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0029	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle	5,094.89	630.14

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 12 Facility Fuel Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 12 16 00-0030		Gasoline Pumps With Vapor Recovery System <small>(23 12 16 00-0027)</small>		
		Note: With polished stainless steel dial frame, stainless steel nozzle side panel. Four wheel, self-timing meter, cable retractor, 120 mesh cartridge strainer (60 mesh for diesel fuels). Internal gear pump, reverse flow air separator, 1/2" connector. High speed pump, 3/4 H.P. motor, 1" hose and standard nozzle.		
23 12 16 00-0031	EA	Standard Gas Station Pump, 3/4 HP Motor 1" Hose And Standard Nozzle With Vapor Recovery	10,318.91	945.20

23 12 23 Facility Natural-Gas Pumps (23 12)

23 12 23 00-0001		Natural Gas Booster Pump <small>(23 12 23)</small>		
23 12 23 00-0002	EA	Natural Gas Booster Pump, 3/4" Outlet Size	675.81	116.76
23 12 23 00-0003	EA	Natural Gas Booster Pump, 1" Outlet Size	797.34	130.38
23 12 23 00-0004	EA	Natural Gas Booster Pump, 1-1/4" Outlet Size	888.73	136.23
23 12 23 00-0005	EA	Natural Gas Booster Pump, 1-1/2" Outlet Size	1,001.90	142.06
23 12 23 00-0006	EA	Natural Gas Booster Pump, 2" Outlet Size	1,125.71	145.96

23 13 Facility Fuel-Storage Tanks (23 10)**23 13 13 Facility Underground Fuel-Oil, Storage Tanks** (23 13)**23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks** (23 13 13)

23 13 13 13-0001		Coated Underground Double Wall Storage Tanks <small>(23 13 13 13)</small>		
		Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
23 13 13 13-0002	EA	250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	4,765.71	528.76
23 13 13 13-0003	EA	550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	5,112.56	528.76
23 13 13 13-0004	EA	1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	7,299.78	660.91
23 13 13 13-0005	EA	2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	10,326.68	1,290.92
23 13 13 13-0006	EA	3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	16,104.63	1,659.65
23 13 13 13-0007	EA	4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,989.96	1,906.17
23 13 13 13-0008	EA	5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	19,815.26	2,520.34
23 13 13 13-0009	EA	6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	20,575.92	2,706.02
23 13 13 13-0010	EA	8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	25,021.99	3,196.83
23 13 13 13-0011	EA	10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	28,966.06	3,687.31
23 13 13 13-0012	EA	12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	36,488.52	4,054.90
23 13 13 13-0013	EA	14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	43,355.67	4,923.30
23 13 13 13-0014	EA	15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	44,902.62	5,224.89
23 13 13 13-0015	EA	20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	56,698.81	8,287.77
23 13 13 13-0016	EA	25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	70,160.39	10,747.20
23 13 13 13-0017	EA	30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	82,352.49	12,296.76
23 13 13 13-0018	EA	40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	103,699.12	13,219.01
23 13 13 13-0019	EA	48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	136,769.18	13,558.00

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 13 13 23-0001		Underground Fiberglass Storage Tanks <small>(23 13 13 23)</small>		
23 13 13 23-0002		Single Wall Fiberglass Underground Storage Tanks <small>(23 13 13 23-0001)</small>		
		Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,300.36	528.76
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	2,887.94	660.91
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	3,753.56	817.74
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,290.58	996.04
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,822.31	1,168.19
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,912.28	1,537.09
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,252.13	2,336.38
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,324.72	2,951.22
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	9,891.29	3,320.12
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	11,226.01	3,934.96
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	14,281.98	4,672.76
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	17,630.34	5,840.97
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	22,400.08	7,808.45
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	32,702.60	9,714.44
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	39,909.25	11,681.92
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	57,197.61	16,908.05
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	80,372.10	21,519.34

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks (23 13 13 23-0001)

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	4,257.80	528.76
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	5,597.25	660.91
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	6,713.51	799.29
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	8,782.31	1,168.28
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	9,954.78	1,537.09
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	11,696.13	2,336.38
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	13,164.72	2,951.22
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,051.29	3,320.12
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	17,386.01	3,934.96
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,991.98	4,672.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0031	EA		15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	28,657.84	5,840.97
23 13 13 23-0032	EA		20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	35,710.08	7,808.45
23 13 13 23-0033	EA		30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	54,979.25	11,681.92
23 13 13 23-0034			Underground Storage Tank Pump Enclosures <small>(23 13 13 23)</small>		
23 13 13 23-0035	EA		Secondary Containment Collar	649.25	
23 13 13 23-0036	EA		Turbine Enclosure With Lid 4' Long x 42" Diameter	649.25	
23 13 13 23-0037	EA		Fitting Kit For Turbine Enclosure	129.85	
23 13 13 23-0038	EA		Grommet Kits For Plumbing And Electrical	259.70	
23 13 13 23-0039	EA		Turbine Electrical Coupling Kit.....	324.63	
23 13 23			Facility Aboveground Fuel-Oil, Storage Tanks <small>(23 13)</small>		
23 13 23 13			Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks <small>(23 13 23)</small>		
23 13 23 13-0001			Fuel Day Tank <small>(23 13 23 13)</small>		
			Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA		10 Gallon Double Wall Steel Day Tank; Tramont TRX	866.33	101.47
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0003	EA		15 Gallon Double Wall Steel Day Tank; Tramont TRX	930.26	106.53
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0004	EA		25 Gallon Double Wall Steel Day Tank; Tramont TRX	1,009.78	114.14
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0005	EA		50 Gallon Double Wall Steel Day Tank; Tramont TRX	1,159.87	121.76
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0006	EA		60 Gallon Double Wall Steel Day Tank; Tramont TRX	1,293.16	126.83
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0007	EA		75 Gallon Double Wall Steel Day Tank; Tramont TRX	1,524.55	152.20
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0008	EA		100 Gallon Double Wall Steel Day Tank; Tramont TRX	2,050.98	177.56
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0009	EA		150 Gallon Double Wall Steel Day Tank; Tramont TRX	2,595.06	202.92
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0010	EA		200 Gallon Double Wall Steel Day Tank; Tramont TRX	3,328.25	228.29
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0011	EA		275 Gallon Double Wall Steel Day Tank; Tramont TRX	3,709.69	253.65
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0012	EA		300 Gallon Double Wall Steel Day Tank; Tramont TRX	4,245.61	304.39
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0013	EA		350 Gallon Double Wall Steel Day Tank; Tramont TRX	4,756.32	355.12
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0014	EA		400 Gallon Double Wall Steel Day Tank; Tramont TRX	5,282.16	405.85
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0015	EA		450 Gallon Double Wall Steel Day Tank; Tramont TRX	5,861.54	431.22
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0016	EA		500 Gallon Double Wall Steel Day Tank; Tramont TRX	6,444.70	456.59
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0017	EA		550 Gallon Double Wall Steel Day Tank; Tramont TRX	7,107.30	481.95
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0018	EA		600 Gallon Double Wall Steel Day Tank; Tramont TRX	7,686.69	507.31
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0019	EA		700 Gallon Double Wall Steel Day Tank; Tramont TRX	8,561.84	608.78
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0020	EA		800 Gallon Double Wall Steel Day Tank; Tramont TRX	9,235.19	659.51
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0021	EA		900 Gallon Double Wall Steel Day Tank; Tramont TRX	10,136.82	760.97
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0022	EA		1,000 Gallon Double Wall Steel Day Tank; Tramont TRX	11,042.24	862.43
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0023	EA		10 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,050.41	101.47
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0024	EA		15 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,115.60	106.53
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0025	EA		25 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,195.12	114.14
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0026	EA		50 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,343.95	121.76
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0027	EA		60 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,477.23	126.83
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0028	EA		75 Gallon Double Wall Steel Day Tank; Tramont UTRX	1,709.89	152.20
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0029	EA		100 Gallon Double Wall Steel Day Tank; Tramont UTRX	2,253.97	177.56
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0030	EA		150 Gallon Double Wall Steel Day Tank; Tramont UTRX	2,798.05	202.92
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0031	EA		200 Gallon Double Wall Steel Day Tank; Tramont UTRX	3,531.24	228.29
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0032	EA		275 Gallon Double Wall Steel Day Tank; Tramont UTRX	3,912.68	253.65
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0033	EA		300 Gallon Double Wall Steel Day Tank; Tramont UTRX	4,448.60	304.39
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0034	EA		350 Gallon Double Wall Steel Day Tank; Tramont UTRX	4,959.31	355.12
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0035	EA		400 Gallon Double Wall Steel Day Tank; Tramont UTRX	5,485.15	405.85
			Note: Includes rust-inhibitor coated interior and gray painted exterior.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0036	EA		450 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,064.53	431.22
23 13 23 13-0037	EA		500 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,647.69	456.59
23 13 23 13-0038	EA		550 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,311.55	481.95
23 13 23 13-0039	EA		600 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,890.94	507.31
23 13 23 13-0040	EA		700 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,764.83	608.78
23 13 23 13-0041	EA		800 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,438.18	659.51
23 13 23 13-0042	EA		900 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,339.81	760.97
23 13 23 13-0043	EA		1,000 Gallon Double Wall Steel Day Tank; Tramont UTRX..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,245.23	862.43
23 13 23 13-0044	EA		10 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,747.63	101.47
23 13 23 13-0045	EA		15 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,805.27	106.53
23 13 23 13-0046	EA		25 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	1,857.04	114.14
23 13 23 13-0047	EA		50 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,056.31	121.76
23 13 23 13-0048	EA		60 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,131.59	126.83
23 13 23 13-0049	EA		75 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,355.42	152.20
23 13 23 13-0050	EA		100 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,835.20	177.56
23 13 23 13-0051	EA		150 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,578.49	202.92
23 13 23 13-0052	EA		200 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,024.22	228.29
23 13 23 13-0053	EA		275 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,260.49	253.65
23 13 23 13-0054	EA		300 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,945.18	304.39
23 13 23 13-0055	EA		350 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,357.54	355.12
23 13 23 13-0056	EA		400 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,918.69	405.85
23 13 23 13-0057	EA		450 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,471.60	431.22
23 13 23 13-0058	EA		500 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,201.01	456.59
23 13 23 13-0059	EA		550 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,504.28	481.95
23 13 23 13-0060	EA		600 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,776.02	507.31
23 13 23 13-0061	EA		700 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,038.25	608.78
23 13 23 13-0062	EA		800 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,262.57	659.51
23 13 23 13-0063	EA		900 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,600.44	760.97
23 13 23 13-0064	EA		1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont TRE..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,959.75	862.43
23 13 23 13-0065	EA		10 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,579.77	101.47
23 13 23 13-0066	EA		15 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,637.40	106.53
23 13 23 13-0067	EA		25 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,689.18	114.14
23 13 23 13-0068	EA		50 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,888.45	121.76
23 13 23 13-0069	EA		60 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,963.73	126.83
23 13 23 13-0070	EA		75 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,187.55	152.20
23 13 23 13-0071	EA		100 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,667.34	177.56
23 13 23 13-0072	EA		150 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,410.63	202.92
23 13 23 13-0073	EA		200 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,911.83	228.29
23 13 23 13-0074	EA		275 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,802.64	253.65
23 13 23 13-0075	EA		300 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,487.33	304.39
23 13 23 13-0076	EA		350 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,900.95	355.12
23 13 23 13-0077	EA		400 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,460.84	405.85
23 13 23 13-0078	EA		450 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,015.01	431.22
23 13 23 13-0079	EA		500 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRX..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,743.16	456.59

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0080	EA		550 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,046.43	481.95
23 13 23 13-0081	EA		600 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,318.17	507.31
23 13 23 13-0082	EA		700 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,580.40	608.78
23 13 23 13-0083	EA		800 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,805.98	659.51
23 13 23 13-0084	EA		900 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,142.59	760.97
23 13 23 13-0085	EA		1,000 Gallon Double Wall Steel Day Tank With Pump; Tramont UTRE Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,501.90	862.43
23 13 23 13-0086	EA		10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,045.01	101.47
23 13 23 13-0087	EA		15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,108.94	106.53
23 13 23 13-0088	EA		25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,161.98	114.14
23 13 23 13-0089	EA		50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,367.55	121.76
23 13 23 13-0090	EA		60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,478.14	126.83
23 13 23 13-0091	EA		75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,681.79	152.20
23 13 23 13-0092	EA		100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,180.49	177.56
23 13 23 13-0093	EA		150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,959.08	202.92
23 13 23 13-0094	EA		200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,421.20	228.29
23 13 23 13-0095	EA		275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,705.38	253.65
23 13 23 13-0096	EA		300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,425.37	304.39
23 13 23 13-0097	EA		350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,798.65	355.12
23 13 23 13-0098	EA		400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,435.44	405.85
23 13 23 13-0099	EA		450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,104.35	431.22
23 13 23 13-0100	EA		500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,777.02	456.59
23 13 23 13-0101	EA		550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,116.85	481.95
23 13 23 13-0102	EA		600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,369.69	507.31
23 13 23 13-0103	EA		700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,688.65	608.78
23 13 23 13-0104	EA		800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,972.23	659.51
23 13 23 13-0105	EA		900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,369.36	760.97
23 13 23 13-0106	EA		1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont TRS Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,785.41	862.43
23 13 23 13-0107	EA		10 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,877.14	101.47
23 13 23 13-0108	EA		15 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,941.08	106.53
23 13 23 13-0109	EA		25 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	3,994.11	114.14
23 13 23 13-0110	EA		50 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,199.69	121.76
23 13 23 13-0111	EA		60 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,310.27	126.83

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 13 23 13-0112	EA	75 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	4,511.41	152.20
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0113	EA	100 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	5,012.62	177.56
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0114	EA	150 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	5,791.21	202.92
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0115	EA	200 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	6,253.33	228.29
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0116	EA	275 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	7,247.52	253.65
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0117	EA	300 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	7,967.52	304.39
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0118	EA	350 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	8,466.88	355.12
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0119	EA	400 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	8,977.59	405.85
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0120	EA	450 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	9,646.50	431.22
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0121	EA	500 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	10,319.17	456.59
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0122	EA	550 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	10,659.00	481.95
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0123	EA	600 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	10,913.10	507.31
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0124	EA	700 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	12,230.80	608.78
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	13,514.38	659.51
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	14,911.50	760.97
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module; Tramont UTRS.....	16,327.56	862.43
		Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	858.11	101.47
23 13 23 13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	929.81	106.53
23 13 23 13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,009.07	114.14
23 13 23 13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,153.22	121.76
23 13 23 13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,532.81	126.83
23 13 23 13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,575.08	152.20
23 13 23 13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	1,980.17	177.56
23 13 23 13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	2,450.17	202.92
23 13 23 13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	3,218.06	228.29
23 13 23 13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	4,042.55	253.65
23 13 23 13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	4,852.72	304.39
23 13 23 13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	5,215.20	355.12
23 13 23 13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	5,579.36	405.85
23 13 23 13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	6,125.91	431.22
23 13 23 13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	6,674.12	456.59
23 13 23 13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	7,150.79	481.95
23 13 23 13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	7,632.42	507.31
23 13 23 13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	8,636.98	608.78
23 13 23 13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	9,586.95	659.51
23 13 23 13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	10,648.10	760.97
23 13 23 13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	11,672.65	862.43
23 13 23 13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	904.85	106.53
23 13 23 13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	984.29	114.14
23 13 23 13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,067.23	121.76
23 13 23 13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,214.47	126.83
23 13 23 13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	1,648.49	152.20
23 13 23 13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	1,690.77	177.56
23 13 23 13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,116.02	202.92
23 13 23 13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	2,609.77	228.29
23 13 23 13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	3,417.98	253.65
23 13 23 13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	4,285.91	279.03
23 13 23 13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	5,136.41	329.75
23 13 23 13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	5,514.34	380.48
23 13 23 13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	5,894.02	431.22
23 13 23 13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	6,468.58	456.59
23 13 23 13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	7,044.91	481.95
23 13 23 13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	7,545.71	507.31
23 13 23 13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	8,094.02	558.04
23 13 23 13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	9,145.00	659.51
23 13 23 13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	10,227.60	760.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0168	EA		200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	11,338.31	862.43
23 13 23 13-0169	EA		200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	12,410.37	963.90
23 13 23 13-0170	EA		150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	989.58	101.47
23 13 23 13-0171	EA		150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,077.93	106.53
23 13 23 13-0172	EA		150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,167.18	114.14
23 13 23 13-0173	EA		150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,344.61	121.76
23 13 23 13-0174	EA		150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	1,795.76	126.83
23 13 23 13-0175	EA		150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	1,838.03	152.20
23 13 23 13-0176	EA		150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	2,303.04	177.56
23 13 23 13-0177	EA		150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	2,851.26	202.92
23 13 23 13-0178	EA		150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	3,755.16	228.29
23 13 23 13-0179	EA		150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	4,768.17	253.65
23 13 23 13-0180	EA		150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	5,726.46	304.39
23 13 23 13-0181	EA		150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	6,140.53	355.12
23 13 23 13-0182	EA		150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	6,557.95	405.85
23 13 23 13-0183	EA		150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	7,209.35	431.22
23 13 23 13-0184	EA		150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	7,862.41	456.59
23 13 23 13-0185	EA		150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	8,417.28	481.95
23 13 23 13-0186	EA		150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	8,985.47	507.31
23 13 23 13-0187	EA		150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	10,164.78	608.78
23 13 23 13-0188	EA		150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	11,291.16	659.51
23 13 23 13-0189	EA		150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	12,527.06	760.97
23 13 23 13-0190	EA		150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	13,726.35	862.43
23 13 23 13-0191	EA		200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,043.63	106.53
23 13 23 13-0192	EA		200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,140.64	114.14
23 13 23 13-0193	EA		200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,234.12	121.76
23 13 23 13-0194	EA		200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,416.50	126.83
23 13 23 13-0195	EA		200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	1,926.06	152.20
23 13 23 13-0196	EA		200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	1,968.34	177.56
23 13 23 13-0197	EA		200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	2,456.82	202.92
23 13 23 13-0198	EA		200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	3,033.14	228.29
23 13 23 13-0199	EA		200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	3,984.93	253.65
23 13 23 13-0200	EA		200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	5,051.85	279.03
23 13 23 13-0201	EA		200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	6,058.69	329.75
23 13 23 13-0202	EA		200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	6,491.08	380.48
23 13 23 13-0203	EA		200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	6,926.98	431.22
23 13 23 13-0204	EA		200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	7,612.21	456.59
23 13 23 13-0205	EA		200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	8,299.21	481.95
23 13 23 13-0206	EA		200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	8,882.56	507.31
23 13 23 13-0207	EA		200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	9,522.24	558.04
23 13 23 13-0208	EA		200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	10,757.67	659.51
23 13 23 13-0209	EA		200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	12,026.49	760.97
23 13 23 13-0210	EA		200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	13,321.66	862.43
23 13 23 13-0211	EA		200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	14,578.17	963.90

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)

23 13 23 16-0001 Single Wall Aboveground Storage Tanks (23 13 23 16)

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0002	EA		275 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	1,780.02	551.45
23 13 23 16-0003	EA		550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,143.76	667.54
23 13 23 16-0004	EA		1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,912.81	923.04
23 13 23 16-0005	EA		1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,732.44	1,153.80
23 13 23 16-0006	EA		2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,625.93	1,510.78
23 13 23 16-0007	EA		3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,350.98	1,555.21
23 13 23 16-0008	EA		5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,941.16	1,922.80
23 13 23 16-0009	EA		8,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	11,900.68	2,203.17
23 13 23 16-0010	EA		10,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	13,991.92	2,403.44
23 13 23 16-0011	EA		12,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	16,115.81	2,643.81
23 13 23 16-0012	EA		15,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	17,849.68	2,937.53
23 13 23 16-0013	EA		20,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	22,388.81	3,776.83
23 13 23 16-0014	EA		30,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	29,933.48	4,406.34

23 13 23 16-0015 Double Wall Aboveground Storage Tanks (23 13 23 16)

Note: Includes supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, excavation and backfill.

23 13 23 16-0016	EA		275 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	2,667.02	688.09
23 13 23 16-0017	EA		550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	3,209.67	832.67
23 13 23 16-0018	EA		1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	4,355.21	1,153.80
23 13 23 16-0019	EA		1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,597.10	1,442.25
23 13 23 16-0020	EA		2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,851.49	1,888.46
23 13 23 16-0021	EA		3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	9,713.92	1,943.95
23 13 23 16-0022	EA		5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	13,821.44	2,394.75
23 13 23 16-0023	EA		8,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	18,623.47	2,753.98
23 13 23 16-0024	EA		10,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	22,006.75	3,004.34
23 13 23 16-0025	EA		12,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	25,421.00	3,304.71

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 13 23 16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	28,150.47	3,671.97
23 13 23 16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	35,254.38	4,721.05
23 13 23 16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	47,515.64	5,507.89

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)**23 13 23 19-0001 Secondary Containment For Above Ground Tanks (23 13 23 19)**

23 13 23 19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated.....	2,964.38	
23 13 23 19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated.....	3,583.54	
23 13 23 19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated.....	7,779.75	
23 13 23 19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated.....	8,530.26	
23 13 23 19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated.....	12,099.32	
23 13 23 19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated.....	13,554.67	
23 13 23 19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated.....	17,882.23	
23 13 23 19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated.....	20,994.03	
23 13 23 19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated.....	23,843.00	
23 13 23 19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated.....	29,037.23	
23 13 23 19-0012	EA	Steel Dike For 20,000 Gallon Tank, Uncoated.....	37,158.24	

23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)**23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks (23 13 23 26)**

Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.

23 13 23 26-0002	EA	500 Gallon Concrete Vaulted Storage Tank.....	16,617.25	1,143.51
		<i>For Low Profile Tanks, Add</i>	6,008.66	
23 13 23 26-0003	EA	1,000 Gallon Concrete Vaulted Storage Tank.....	20,884.02	1,290.92
		<i>For Low Profile Tanks, Add</i>	7,633.09	
23 13 23 26-0004	EA	2,000 Gallon Concrete Vaulted Storage Tank.....	36,828.04	1,537.09
		<i>For Low Profile Tanks, Add</i>	13,873.30	
23 13 23 26-0005	EA	4,000 Gallon Concrete Vaulted Storage Tank.....	58,635.60	3,380.87
23 13 23 26-0006	EA	5,000 Gallon Concrete Vaulted Storage Tank.....	66,926.48	3,692.47
23 13 23 26-0007	EA	6,000 Gallon Concrete Vaulted Storage Tank.....	75,283.62	3,987.59
23 13 23 26-0008	EA	8,000 Gallon Concrete Vaulted Storage Tank.....	83,623.07	4,327.07
23 13 23 26-0009	EA	10,000 Gallon Concrete Vaulted Storage Tank.....	91,957.08	4,605.96

23 13 33 Facility Fuel-Oil, Storage Tank Accessories (23 13)**23 13 33 00-0001 EPA Requirements (23 13 33)**

23 13 33 00-0002	EA	Fill Pipe Spill Containment Manhole (5 Gallon).....	395.61	
23 13 33 00-0003	EA	Over-Fill Prevention Valve.....	515.14	
23 13 33 00-0004	EA	Tank Manway With Cover, Fiberglass.....	1,543.47	
23 13 33 00-0005	EA	Tank Manway With Cover, Steel.....	1,449.89	
23 13 33 00-0006	EA	Vent Fill Alarm (Whistle Vent).....	82.09	
23 13 33 00-0007	EA	Reservoir Sensor, Liquid Level.....	196.20	
23 13 33 00-0008	EA	Manhole Spill Containment.....	746.87	196.91
23 13 33 00-0009	EA	Fill Adapter, 4".....	199.48	131.31
23 13 33 00-0010	EA	Fill Cap, 4".....	131.01	49.23
23 13 33 00-0011	EA	Vent Cap, 2".....	82.16	32.85
23 13 33 00-0012	EA	4" X 2" Extractor Fitting.....	212.26	49.23
23 13 33 00-0013	EA	Float Vent Valve.....	247.78	98.46
23 13 33 00-0014	EA	Vapor Hose Adapter.....	222.96	65.61
23 13 33 00-0015	EA	Dust Cap.....	104.16	35.83
23 13 33 00-0016	EA	1" Double Poppet Foot Valve.....	226.19	56.23
23 13 33 00-0017	EA	10' Wood Gage Stick.....	19.44	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT.....	71.01	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet.....	91.09	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent.....	51.97	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent.....	68.02	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent.....	102.88	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent.....	361.96	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set.....	1,018.52	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set.....	1,201.36	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set.....	1,311.31	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set.....	1,438.93	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set.....	2,034.36	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set.....	2,502.93	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set.....	2,772.38	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set.....	3,395.46	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set.....	4,011.96	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set.....	4,491.15	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set.....	5,182.06	

23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)**23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)****23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)**

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

23 13 33 00-0038	EA		1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	28.04	
23 13 33 00-0039	EA		3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	31.27	
23 13 33 00-0040	EA		1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	34.35	
23 13 33 00-0041	EA		1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	40.65	
23 13 33 00-0042	EA		1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	42.34	
23 13 33 00-0043	EA		2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	53.66	
23 13 33 00-0044	EA		3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	80.73	
23 13 33 00-0045	EA		4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread.....	134.86	

23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0047	EA		1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	31.67	
23 13 33 00-0048	EA		3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	34.89	
23 13 33 00-0049	EA		1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	38.12	
23 13 33 00-0050	EA		1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	46.51	
23 13 33 00-0051	EA		1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	49.73	
23 13 33 00-0052	EA		2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	60.35	
23 13 33 00-0053	EA		3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	89.66	
23 13 33 00-0054	EA		4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread.....	147.54	

23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0056	EA		1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	32.50	
23 13 33 00-0057	EA		3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	37.27	
23 13 33 00-0058	EA		1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	41.89	
23 13 33 00-0059	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	53.36	
23 13 33 00-0060	EA		2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	67.87	
23 13 33 00-0061	EA		3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	101.79	
23 13 33 00-0062	EA		4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread.....	155.08	

23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0064	EA		1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	37.11	
23 13 33 00-0065	EA		3/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	43.41	
23 13 33 00-0066	EA		1" Polypropylene Bulkhead Fitting, Thread x Thread.....	52.62	
23 13 33 00-0067	EA		1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread.....	63.24	
23 13 33 00-0068	EA		1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread.....	64.93	
23 13 33 00-0069	EA		2" Polypropylene Bulkhead Fitting, Thread x Thread.....	90.04	
23 13 33 00-0070	EA		3" Polypropylene Bulkhead Fitting, Thread x Thread.....	155.33	
23 13 33 00-0071	EA		4" Polypropylene Bulkhead Fitting, Thread x Thread.....	270.80	

23 13 33 00-0072 Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0073	EA		3/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	33.92	
23 13 33 00-0074	EA		1" Polyethylene Bulkhead Fitting, Thread x Thread.....	42.54	
23 13 33 00-0075	EA		1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	44.23	
23 13 33 00-0076	EA		1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread.....	45.92	
23 13 33 00-0077	EA		2" Polyethylene Bulkhead Fitting, Thread x Thread.....	61.46	
23 13 33 00-0078	EA		3" Polyethylene Bulkhead Fitting, Thread x Thread.....	76.31	

23 13 33 00-0079 TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)

23 13 33 00-0080	EA		1/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	123.41	
23 13 33 00-0081	EA		1/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	141.03	
23 13 33 00-0082	EA		3/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	172.54	
23 13 33 00-0083	EA		1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	198.42	
23 13 33 00-0084	EA		3/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	228.37	
23 13 33 00-0085	EA		1" TFE Teflon Bulkhead Fitting, Thread x Thread.....	286.63	
23 13 33 00-0086	EA		1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	371.48	
23 13 33 00-0087	EA		2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	410.18	

23 13 33 00-0088 Self-Aligning Bulkhead Fittings (23 13 33 00-0035)

23 13 33 00-0089	EA		3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	128.07	
23 13 33 00-0090	EA		1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	128.83	
23 13 33 00-0091	EA		1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	186.05	
23 13 33 00-0092	EA		2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	190.36	
23 13 33 00-0093	EA		3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	254.37	

23 20 HVAC Piping And Pumps (23)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping And Pumps (23 20)
23 21 13 Hydronic Piping (23 21)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which do include the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping (23 21 13)

23 21 13 23-001	Threaded Black Steel Pipe (23 21 13 23)		
23 21 13 23-002	Threaded Black Steel Pipe Assemblies (23 21 13 23-001)		
	Note: ASTM A-53. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21 13 23-003	LF 1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	12.97	3.11
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	2.96	
	For Work In Restricted Working Space, Add	3.21	
23 21 13 23-004	LF 3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	13.84	3.34
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.19	
	For Work In Restricted Working Space, Add	3.36	
23 21 13 23-005	LF 1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	14.86	3.66
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	3.46	
	For Work In Restricted Working Space, Add	3.55	
23 21 13 23-006	LF 1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	17.13	3.82
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	4.13	
	For Work In Restricted Working Space, Add	3.83	
23 21 13 23-007	LF 2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	17.73	4.51
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	4.31	
	For Work In Restricted Working Space, Add	3.88	
23 21 13 23-008	LF 2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	20.48	5.45
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	5.04	
	For Work In Restricted Working Space, Add	4.37	
23 21 13 23-009	LF 2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	27.69	6.45
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	7.08	
	For Work In Restricted Working Space, Add	5.42	
23 21 13 23-010	LF 3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	34.71	8.64
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	8.95	
	For Work In Restricted Working Space, Add	6.64	
23 21 13 23-011	LF 4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	44.38	10.07
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	12.10	
	For Work In Restricted Working Space, Add	7.28	
23 21 13 23-012	LF 5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	63.55	12.87
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	18.26	
	For Work In Restricted Working Space, Add	8.67	
23 21 13 23-013	LF 6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly	75.03	15.22
	Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
	For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	21.77	
	For Work In Restricted Working Space, Add	9.82	
23 21 13 23-0014	Threaded Black Steel Pipe And Fittings (23 21 13 23-0001)		
	Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015	Threaded And Coupled, Black Steel Piping (23 21 13 23-0014)		
	Note: ASTM A-53. Includes coupling.		
23 21 13 23-0016	LF 3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe	4.56	1.94
	For Schedule 80 Pipe, Add	0.68	
	For Work In Restricted Working Space, Add	1.18	
23 21 13 23-0017	LF 1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	5.77	3.11
	For Schedule 80 Pipe, Add	0.95	
	For Work In Restricted Working Space, Add	1.41	
23 21 13 23-0018	LF 3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	6.38	3.34
	For Schedule 80 Pipe, Add	1.12	
	For Work In Restricted Working Space, Add	1.50	
23 21 13 23-0019	LF 1" Schedule 40, Threaded And Coupled, Black Steel Pipe	7.26	3.66
	For Schedule 80 Pipe, Add	1.36	
	For Work In Restricted Working Space, Add	1.63	
23 21 13 23-0020	LF 1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	8.20	3.82
	For Schedule 80 Pipe, Add	1.67	
	For Work In Restricted Working Space, Add	1.73	
23 21 13 23-0021	LF 1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	9.69	4.51
	For Schedule 80 Pipe, Add	1.99	
	For Work In Restricted Working Space, Add	2.03	
23 21 13 23-0022	LF 2" Schedule 40, Threaded And Coupled, Black Steel Pipe	12.01	5.45
	For Schedule 80 Pipe, Add	2.54	
	For Work In Restricted Working Space, Add	2.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	15.77	6.45
			<i>For Schedule 80 Pipe, Add</i>	3.69	
			<i>For Work In Restricted Working Space, Add</i>	2.92	
23 21	13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	20.88	8.64
			<i>For Schedule 80 Pipe, Add</i>	4.86	
			<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21	13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	26.96	10.07
			<i>For Schedule 80 Pipe, Add</i>	6.83	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	34.98	12.87
			<i>For Schedule 80 Pipe, Add</i>	9.00	
			<i>For Work In Restricted Working Space, Add</i>	5.78	
23 21	13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	43.52	15.22
			<i>For Schedule 80 Pipe, Add</i>	11.60	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	58.27	18.40
			<i>For Schedule 80 Pipe, Add</i>	16.59	
			<i>For Work In Restricted Working Space, Add</i>	8.26	
23 21	13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	77.15	22.41
			<i>For Schedule 80 Pipe, Add</i>	22.94	
			<i>For Work In Restricted Working Space, Add</i>	10.10	
23 21	13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe.....	102.65	29.45
			<i>For Schedule 80 Pipe, Add</i>	30.74	
			<i>For Work In Restricted Working Space, Add</i>	13.25	
23 21 13 23-0031 Black Malleable Iron 90 Degree Elbows (23 21 13 23-0014)					
23 21	13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow.....	19.02	8.64
			<i>For 300 LB Rating, Add</i>	5.19	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
			<i>For Work In Restricted Working Space, Add</i>	5.19	
23 21	13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow.....	21.94	13.85
			<i>For 300 LB Rating, Add</i>	4.12	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.02	
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21	13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow.....	24.67	15.49
			<i>For 300 LB Rating, Add</i>	4.87	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.02	
			<i>For Work In Restricted Working Space, Add</i>	6.97	
23 21	13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow	28.45	17.27
			<i>For 300 LB Rating, Add</i>	7.60	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	7.78	
23 21	13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	33.51	19.61
			<i>For 300 LB Rating, Add</i>	11.72	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
			<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21	13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	38.57	22.09
			<i>For 300 LB Rating, Add</i>	15.09	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
			<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21	13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow	51.46	28.09
			<i>For 300 LB Rating, Add</i>	25.11	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.15	
			<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21	13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	83.21	41.55
			<i>For 300 LB Rating, Add</i>	54.06	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.34	
			<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21	13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow	112.59	54.62
			<i>For 300 LB Rating, Add</i>	78.57	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.49	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21	13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow	154.23	58.90
			<i>For 300 LB Rating, Add</i>	163.48	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.05	
			<i>For Work In Restricted Working Space, Add</i>	26.50	
23 21	13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow	284.77	61.47
			<i>For 300 LB Rating, Add</i>	467.77	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.08	
			<i>For Work In Restricted Working Space, Add</i>	27.65	
23 21	13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow	318.83	64.27
			<i>For 300 LB Rating, Add</i>	539.73	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.56	
			<i>For Work In Restricted Working Space, Add</i>	28.91	
23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows (23 21 13 23-0014)					
23 21	13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	21.30	12.68
			<i>For 300 LB Rating, Add</i>	6.64	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	5.70	
23 21	13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	24.33	14.63
			<i>For 300 LB Rating, Add</i>	6.96	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
			<i>For Work In Restricted Working Space, Add</i>	6.59	
23 21	13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	23.55	13.53
			<i>For 300 LB Rating, Add</i>	9.11	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
			<i>For Work In Restricted Working Space, Add</i>	6.08	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	27.60	16.41
		<i>For 300 LB Rating, Add</i>	8.72	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
		<i>For Work In Restricted Working Space, Add</i>	7.37	
23 21 13 23-0049	EA	1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	26.60	15.56
		<i>For 300 LB Rating, Add</i>	9.22	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
		<i>For Work In Restricted Working Space, Add</i>	7.00	
23 21 13 23-0050	EA	1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	28.03	14.39
		<i>For 300 LB Rating, Add</i>	16.70	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.10	
		<i>For Work In Restricted Working Space, Add</i>	6.48	
23 21 13 23-0051	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	32.72	18.44
		<i>For 300 LB Rating, Add</i>	13.85	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
		<i>For Work In Restricted Working Space, Add</i>	8.29	
23 21 13 23-0052	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	31.96	17.50
		<i>For 300 LB Rating, Add</i>	15.19	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
		<i>For Work In Restricted Working Space, Add</i>	7.89	
23 21 13 23-0053	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	31.67	16.73
		<i>For 300 LB Rating, Add</i>	17.39	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
		<i>For Work In Restricted Working Space, Add</i>	7.52	
23 21 13 23-0054	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	38.40	20.85
		<i>For 300 LB Rating, Add</i>	19.08	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
		<i>For Work In Restricted Working Space, Add</i>	9.37	
23 21 13 23-0055	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	36.68	19.69
		<i>For 300 LB Rating, Add</i>	18.98	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
		<i>For Work In Restricted Working Space, Add</i>	8.85	
23 21 13 23-0056	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	36.37	18.75
		<i>For 300 LB Rating, Add</i>	21.37	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.13	
		<i>For Work In Restricted Working Space, Add</i>	8.45	
23 21 13 23-0057	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	47.97	25.05
		<i>For 300 LB Rating, Add</i>	27.19	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.17	
		<i>For Work In Restricted Working Space, Add</i>	11.27	
23 21 13 23-0058	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	47.51	23.81
		<i>For 300 LB Rating, Add</i>	30.46	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
		<i>For Work In Restricted Working Space, Add</i>	10.71	
23 21 13 23-0059	EA	2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	45.80	22.64
		<i>For 300 LB Rating, Add</i>	30.36	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
		<i>For Work In Restricted Working Space, Add</i>	10.20	
23 21 13 23-0060	EA	2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	45.15	21.78
		<i>For 300 LB Rating, Add</i>	31.98	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.20	
		<i>For Work In Restricted Working Space, Add</i>	9.79	
23 21 13 23-0061	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	80.65	34.78
		<i>For 300 LB Rating, Add</i>	71.53	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.46	
		<i>For Work In Restricted Working Space, Add</i>	15.65	
23 21 13 23-0062	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	77.86	31.82
		<i>For 300 LB Rating, Add</i>	75.29	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.48	
		<i>For Work In Restricted Working Space, Add</i>	14.30	
23 21 13 23-0063	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow	125.41	48.08
		<i>For 300 LB Rating, Add</i>	132.34	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.85	
		<i>For Work In Restricted Working Space, Add</i>	21.62	
23 21 13 23-0064	EA	3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	108.06	41.32
		<i>For 300 LB Rating, Add</i>	114.31	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.74	
		<i>For Work In Restricted Working Space, Add</i>	18.59	
23 21 13 23-0065	EA	4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow.....	175.19	56.02
		<i>For 300 LB Rating, Add</i>	223.85	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.46	
		<i>For Work In Restricted Working Space, Add</i>	25.21	
23 21 13 23-0066		Black Malleable Iron 45 Degree Elbows <small>(23 21 13 23-0014)</small>		
23 21 13 23-0067	EA	3/8", 150 LB, Black Malleable Iron 45 Degree Elbow.....	19.90	8.64
		<i>For 300 LB Rating, Add</i>	7.30	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
		<i>For Work In Restricted Working Space, Add</i>	5.19	
23 21 13 23-0068	EA	1/2", 150 LB, Black Malleable Iron 45 Degree Elbow.....	22.72	13.85
		<i>For 300 LB Rating, Add</i>	6.00	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0069	EA	3/4", 150 LB, Black Malleable Iron 45 Degree Elbow.....	25.67	15.49
		<i>For 300 LB Rating, Add</i>	7.27	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
		<i>For Work In Restricted Working Space, Add</i>	6.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0070	EA	1", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.02 8.97 0.05 7.78	17.27
23 21	13 23-0071	EA	1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.82 14.87 0.09 8.81	19.61
23 21	13 23-0072	EA	1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.87 18.21 0.11 9.93	22.09
23 21	13 23-0073	EA	2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.27 27.05 0.16 12.62	28.09
23 21	13 23-0074	EA	2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.81 74.70 0.47 18.67	41.55
23 21	13 23-0075	EA	3", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.31 97.10 0.61 24.57	54.62
23 21	13 23-0076	EA	4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.64 186.07 1.21 26.50	58.90
23 21	13 23-0077	EA	5", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	389.67 719.53 4.76 27.65	61.47
23 21	13 23-0078	EA	6", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	400.73 736.29 4.87 28.91	64.27
23 21 13 23-0079 Black Malleable Iron Tees (23 21 13 23-0014)					
23 21	13 23-0080	EA	3/8", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.13 7.34 0.04 6.48	10.82
23 21	13 23-0081	EA	1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.54 5.42 0.03 7.78	17.27
23 21	13 23-0082	EA	3/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.23 7.32 0.04 8.98	20.00
23 21	13 23-0083	EA	1", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.32 11.60 0.06 10.61	23.57
23 21	13 23-0084	EA	1-1/4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.44 17.86 0.10 12.62	28.09
23 21	13 23-0085	EA	1-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.15 22.09 0.13 15.06	33.45
23 21	13 23-0086	EA	2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	75.78 36.23 0.22 18.67	41.55
23 21	13 23-0087	EA	2-1/2", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.10 74.99 0.47 24.57	54.62
23 21	13 23-0088	EA	3", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.27 109.06 0.69 29.18	64.89
23 21	13 23-0089	EA	4", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	215.53 256.20 1.66 33.47	74.42
23 21	13 23-0090	EA	5", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	447.52 764.02 5.04 39.75	88.35
23 21	13 23-0091	EA	6", 150 LB, Black Malleable Iron Tee <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	489.49 820.48 5.41 45.42	101.00
23 21 13 23-0092 Black Malleable Iron Reducing Tees (23 21 13 23-0014)					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee.....	28.66	17.27
		<i>For 300 LB Rating, Add</i>	8.11	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.04	
		<i>For Work In Restricted Working Space, Add</i>	7.78	
23 21 13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee.....	33.49	20.00
		<i>For 300 LB Rating, Add</i>	10.34	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.06	
		<i>For Work In Restricted Working Space, Add</i>	8.98	
23 21 13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee.....	39.87	23.57
		<i>For 300 LB Rating, Add</i>	12.92	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.07	
		<i>For Work In Restricted Working Space, Add</i>	10.61	
23 21 13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee.....	50.89	28.09
		<i>For 300 LB Rating, Add</i>	23.74	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	59.99	33.45
		<i>For 300 LB Rating, Add</i>	26.51	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.16	
		<i>For Work In Restricted Working Space, Add</i>	15.06	
23 21 13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee.....	76.46	41.55
		<i>For 300 LB Rating, Add</i>	37.86	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.23	
		<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	126.19	54.62
		<i>For 300 LB Rating, Add</i>	111.21	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.71	
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee.....	147.99	64.89
		<i>For 300 LB Rating, Add</i>	127.59	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.81	
		<i>For Work In Restricted Working Space, Add</i>	29.18	
23 21 13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee.....	234.61	74.42
		<i>For 300 LB Rating, Add</i>	301.99	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	1.97	
		<i>For Work In Restricted Working Space, Add</i>	33.47	
23 21 13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee.....	417.88	88.35
		<i>For 300 LB Rating, Add</i>	692.89	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	4.57	
		<i>For Work In Restricted Working Space, Add</i>	39.75	
23 21 13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee.....	475.10	101.00
		<i>For 300 LB Rating, Add</i>	785.94	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	5.18	
		<i>For Work In Restricted Working Space, Add</i>	45.42	
23 21 13 23-0104		Black Malleable Iron Couplings (23 21 13 23-0014)		
23 21 13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling.....	19.45	8.64
		<i>For 300 LB Rating, Add</i>	6.22	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
		<i>For Work In Restricted Working Space, Add</i>	5.19	
23 21 13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling.....	22.40	13.85
		<i>For 300 LB Rating, Add</i>	5.23	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling.....	25.16	15.49
		<i>For 300 LB Rating, Add</i>	6.05	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.03	
		<i>For Work In Restricted Working Space, Add</i>	6.97	
23 21 13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling.....	28.84	17.27
		<i>For 300 LB Rating, Add</i>	8.54	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.05	
		<i>For Work In Restricted Working Space, Add</i>	7.78	
23 21 13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling.....	33.13	19.61
		<i>For 300 LB Rating, Add</i>	10.81	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.06	
		<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling.....	38.20	22.09
		<i>For 300 LB Rating, Add</i>	14.20	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.08	
		<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling.....	49.60	28.09
		<i>For 300 LB Rating, Add</i>	20.64	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.12	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling.....	83.08	41.55
		<i>For 300 LB Rating, Add</i>	53.75	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.33	
		<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling.....	110.07	54.62
		<i>For 300 LB Rating, Add</i>	72.52	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.45	
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling.....	145.05	58.90
		<i>For 300 LB Rating, Add</i>	141.45	
		<i>For Standard Weight Cast Iron Fittings, Add</i>	0.91	
		<i>For Work In Restricted Working Space, Add</i>	26.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0115	EA	5", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	251.92 388.93 2.56 27.65	61.47
23 21	13 23-0116	EA	6", 150 LB, Black Malleable Iron Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	278.34 442.56 2.91 28.91	64.27
23 21 13 23-0117 Black Malleable Iron Reducing Couplings (23 21 13 23-0014)					
23 21	13 23-0118	EA	1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.80 6.19 0.03 6.22	13.85
23 21	13 23-0119	EA	3/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.40 6.63 0.03 6.97	15.49
23 21	13 23-0120	EA	1", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.33 9.72 0.05 7.78	17.27
23 21	13 23-0121	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.73 12.25 0.07 8.81	19.61
23 21	13 23-0122	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.63 15.23 0.09 9.93	22.09
23 21	13 23-0123	EA	2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.05 21.72 0.13 12.62	28.09
23 21	13 23-0124	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.89 60.49 0.38 18.67	41.55
23 21	13 23-0125	EA	3", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.65 73.91 0.46 24.57	54.62
23 21	13 23-0126	EA	4", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	145.94 143.59 0.92 26.50	58.90
23 21	13 23-0127	EA	5", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	221.68 316.35 2.07 27.65	61.47
23 21	13 23-0128	EA	6", 150 LB, Black Malleable Iron Reducing Coupling..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	262.69 405.00 2.66 28.91	64.27
23 21 13 23-0129 Black Malleable Iron Caps (23 21 13 23-0014)					
23 21	13 23-0130	EA	1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	10.95 3.51 0.02 2.92	6.45
23 21	13 23-0131	EA	3/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.01 4.56 0.03 3.11	6.93
23 21	13 23-0132	EA	1", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.96 5.49 0.03 3.59	8.02
23 21	13 23-0133	EA	1-1/4", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.59 7.07 0.04 3.89	8.64
23 21	13 23-0134	EA	1-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.57 9.42 0.06 3.89	8.64
23 21	13 23-0135	EA	2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.00 13.63 0.08 5.02	11.13
23 21	13 23-0136	EA	2-1/2", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.80 30.19 0.19 6.22	13.85
23 21	13 23-0137	EA	3", 150 LB, Black Malleable Iron Cap <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.87 44.18 0.28 7.53	16.73

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0138	EA 4", 150 LB, Black Malleable Iron Cap..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	60.78 75.02 0.49 9.08	20.22
23 21 13 23-0139	EA 5", 150 LB, Black Malleable Iron Cap..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.53 176.70 1.16 11.36	25.28
23 21 13 23-0140	EA 6", 150 LB, Black Malleable Iron Cap..... <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	178.34 322.48 2.13 13.53	30.05
23 21 13 23-0141 Black Malleable Iron Unions (23 21 13 23-0014)			
23 21 13 23-0142	EA 3/8", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	23.11 5.19	8.64
23 21 13 23-0143	EA 1/2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	31.20 7.78	17.27
23 21 13 23-0144	EA 3/4", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	35.99 8.98	20.00
23 21 13 23-0145	EA 1", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	43.27 10.61	23.57
23 21 13 23-0146	EA 1-1/4", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	53.38 12.62	28.09
23 21 13 23-0147	EA 1-1/2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	64.32 15.06	33.45
23 21 13 23-0148	EA 2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	78.66 18.67	41.55
23 21 13 23-0149	EA 2-1/2", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	140.80 27.56	61.24
23 21 13 23-0150	EA 3", 150 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	192.88 40.20	89.32
23 21 13 23-0151	EA 3/8", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	24.99 5.19	8.64
23 21 13 23-0152	EA 1/2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	34.76 7.78	17.27
23 21 13 23-0153	EA 3/4", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	38.60 8.98	20.00
23 21 13 23-0154	EA 1", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	46.03 10.61	23.57
23 21 13 23-0155	EA 1-1/4", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	59.93 12.62	28.09
23 21 13 23-0156	EA 1-1/2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	70.78 15.06	33.45
23 21 13 23-0157	EA 2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	88.65 18.67	41.55
23 21 13 23-0158	EA 2-1/2", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	174.66 27.57	61.24
23 21 13 23-0159	EA 3", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	217.77 36.27	80.53
23 21 13 23-0160	EA 4", 250 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	302.08 39.11	86.91
23 21 13 23-0161	EA 3/8", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	29.78 5.19	8.64
23 21 13 23-0162	EA 1/2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	36.03 7.78	17.27
23 21 13 23-0163	EA 3/4", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	41.11 8.98	20.00
23 21 13 23-0164	EA 1", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	49.98 10.61	23.57
23 21 13 23-0165	EA 1-1/4", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	65.87 12.62	28.09
23 21 13 23-0166	EA 1-1/2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	75.15 15.06	33.45
23 21 13 23-0167	EA 2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	93.14 18.67	41.55
23 21 13 23-0168	EA 2-1/2", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	191.52 27.57	61.24
23 21 13 23-0169	EA 3", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	249.79 36.27	80.53
23 21 13 23-0170	EA 4", 300 LB, Black Malleable Iron Union..... <i>For Work In Restricted Working Space, Add</i>	539.46 39.11	86.91
23 21 13 23-0171 Black Steel Nipples (23 21 13 23-0014)			
23 21 13 23-0172	EA 3/8" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.76 0.32 3.34	7.39
23 21 13 23-0173	EA 1/2" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.66 0.27 3.34	7.39
23 21 13 23-0174	EA 3/4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.74 0.31 3.34	7.39
23 21 13 23-0175	EA 1" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.87 0.45 3.59	8.02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.11 0.57 3.89	8.64
23 21	13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.39 0.71 3.89	8.64
23 21	13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.68 0.97 5.02	11.13
23 21	13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.81 3.04 6.22	13.85
23 21	13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.30 3.61 7.53	16.73
23 21	13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.14 5.43 9.08	20.22
23 21	13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.85 0.37 3.34	7.39
23 21	13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.66 0.27 3.34	7.39
23 21	13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.79 0.34 3.34	7.39
23 21	13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.85 0.37 3.34	7.39
23 21	13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.66 0.27 3.34	7.39
23 21	13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.79 0.34 3.34	7.39
23 21	13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.96 0.50 3.59	8.02
23 21	13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.27 0.65 3.89	8.64
23 21	13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.51 0.77 3.89	8.64
23 21	13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.06 0.47 3.34	7.39
23 21	13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.76 0.32 3.34	7.39
23 21	13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.87 0.38 3.34	7.39
23 21	13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.02 0.53 3.59	8.02
23 21	13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.35 0.69 3.89	8.64
23 21	13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.69 0.86 3.89	8.64
23 21	13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.96 1.11 5.02	11.13
23 21	13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.06 0.47 3.34	7.39
23 21	13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.76 0.32 3.34	7.39
23 21	13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.87 0.38 3.34	7.39
23 21	13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.02 0.53 3.59	8.02
23 21	13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.35 0.69 3.89	8.64
23 21	13 23-0203	EA	1-1/2" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.69 0.86 3.89	8.64
23 21	13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.96 1.11 5.02	11.13
23 21	13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.97 3.12 6.22	13.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple.....	32.93	16.73
		<i>For Schedule 80 Nipples, Add</i>	3.92	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	12.22	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.55	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	11.89	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.39	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	12.06	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.47	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	13.27	8.02
		<i>For Schedule 80 Nipples, Add</i>	0.65	
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 21 13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	14.60	8.64
		<i>For Schedule 80 Nipples, Add</i>	0.82	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	14.89	8.64
		<i>For Schedule 80 Nipples, Add</i>	0.96	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	19.43	11.13
		<i>For Schedule 80 Nipples, Add</i>	1.35	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	28.06	13.85
		<i>For Schedule 80 Nipples, Add</i>	3.66	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	34.37	16.73
		<i>For Schedule 80 Nipples, Add</i>	4.64	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple.....	12.22	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.55	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple.....	11.89	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.39	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple.....	12.06	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.47	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple.....	13.27	8.02
		<i>For Schedule 80 Nipples, Add</i>	0.65	
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 21 13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple.....	14.60	8.64
		<i>For Schedule 80 Nipples, Add</i>	0.82	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple.....	14.89	8.64
		<i>For Schedule 80 Nipples, Add</i>	0.96	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple.....	19.43	11.13
		<i>For Schedule 80 Nipples, Add</i>	1.35	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple.....	28.06	13.85
		<i>For Schedule 80 Nipples, Add</i>	3.66	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple.....	34.37	16.73
		<i>For Schedule 80 Nipples, Add</i>	4.64	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple.....	42.84	20.22
		<i>For Schedule 80 Nipples, Add</i>	6.28	
		<i>For Work In Restricted Working Space, Add</i>	9.08	
23 21 13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	12.71	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.80	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	12.02	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.45	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	12.30	7.39
		<i>For Schedule 80 Nipples, Add</i>	0.59	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	13.51	8.02
		<i>For Schedule 80 Nipples, Add</i>	0.77	
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 21 13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	14.92	8.64
		<i>For Schedule 80 Nipples, Add</i>	0.98	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	15.32	8.64
		<i>For Schedule 80 Nipples, Add</i>	1.18	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	19.84	11.13
		<i>For Schedule 80 Nipples, Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	28.78	13.85
		<i>For Schedule 80 Nipples, Add</i>	4.02	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	35.32	16.73
		<i>For Schedule 80 Nipples, Add</i>	5.12	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple.....	44.63	20.22
		<i>For Schedule 80 Nipples, Add</i>	7.18	
		<i>For Work In Restricted Working Space, Add</i>	9.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.71 0.80 3.34	7.39
23 21	13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.02 0.45 3.34	7.39
23 21	13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.30 0.59 3.34	7.39
23 21	13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.51 0.77 3.59	8.02
23 21	13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.92 0.98 3.89	8.64
23 21	13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.32 1.18 3.89	8.64
23 21	13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.84 1.55 5.02	11.13
23 21	13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.78 4.02 6.22	13.85
23 21	13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.32 5.12 7.53	16.73
23 21	13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.63 7.18 9.08	20.22
23 21	13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.89 0.89 3.34	7.39
23 21	13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.13 0.51 3.34	7.39
23 21	13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.46 0.67 3.34	7.39
23 21	13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.79 0.91 3.59	8.02
23 21	13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.28 1.16 3.89	8.64
23 21	13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.67 1.35 3.89	8.64
23 21	13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.37 1.82 5.02	11.13
23 21	13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.12 4.19 6.22	13.85
23 21	13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.21 5.56 7.53	16.73
23 21	13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.62 7.67 9.08	20.22
23 21	13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.23 1.56 3.34	7.39
23 21	13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.94 0.91 3.34	7.39
23 21	13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.34 1.11 3.34	7.39
23 21	13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.94 1.49 3.59	8.02
23 21	13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.70 1.87 3.89	8.64
23 21	13 23-0261	EA	1-1/2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.25 2.14 3.89	8.64
23 21	13 23-0262	EA	2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.83 3.05 5.02	11.13
23 21	13 23-0263	EA	2-1/2" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.41 5.34 6.22	13.85
23 21	13 23-0264	EA	3" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.09 7.50 7.53	16.73
23 21	13 23-0265	EA	4" x 8" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.98 8.85 9.08	20.22

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0266	EA	3/8" x 10" Long, Schedule 40 Black Steel Nipple.....	14.61	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.75	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0267	EA	1/2" x 10" Long, Schedule 40 Black Steel Nipple.....	13.30	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.09	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0268	EA	3/4" x 10" Long, Schedule 40 Black Steel Nipple.....	13.71	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.30	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0269	EA	1" x 10" Long, Schedule 40 Black Steel Nipple.....	15.44	8.02
		<i>For Schedule 80 Nipples, Add</i>	1.74	
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 21 13 23-0270	EA	1-1/4" x 10" Long, Schedule 40 Black Steel Nipple.....	17.45	8.64
		<i>For Schedule 80 Nipples, Add</i>	2.24	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0271	EA	1-1/2" x 10" Long, Schedule 40 Black Steel Nipple.....	17.98	8.64
		<i>For Schedule 80 Nipples, Add</i>	2.51	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0272	EA	2" x 10" Long, Schedule 40 Black Steel Nipple.....	23.90	11.13
		<i>For Schedule 80 Nipples, Add</i>	3.58	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-0273	EA	2-1/2" x 10" Long, Schedule 40 Black Steel Nipple.....	32.72	13.85
		<i>For Schedule 80 Nipples, Add</i>	5.99	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0274	EA	3" x 10" Long, Schedule 40 Black Steel Nipple.....	41.94	16.73
		<i>For Schedule 80 Nipples, Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0275	EA	4" x 10" Long, Schedule 40 Black Steel Nipple.....	50.44	20.22
		<i>For Schedule 80 Nipples, Add</i>	10.08	
		<i>For Work In Restricted Working Space, Add</i>	9.08	
23 21 13 23-0276	EA	3/8" x 12" Long, Schedule 40 Black Steel Nipple.....	15.09	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.99	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0277	EA	1/2" x 12" Long, Schedule 40 Black Steel Nipple.....	13.71	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.30	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0278	EA	3/4" x 12" Long, Schedule 40 Black Steel Nipple.....	13.99	7.39
		<i>For Schedule 80 Nipples, Add</i>	1.44	
		<i>For Work In Restricted Working Space, Add</i>	3.34	
23 21 13 23-0279	EA	1" x 12" Long, Schedule 40 Black Steel Nipple.....	15.96	8.02
		<i>For Schedule 80 Nipples, Add</i>	2.00	
		<i>For Work In Restricted Working Space, Add</i>	3.59	
23 21 13 23-0280	EA	1-1/4" x 12" Long, Schedule 40 Black Steel Nipple.....	18.05	8.64
		<i>For Schedule 80 Nipples, Add</i>	2.54	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0281	EA	1-1/2" x 12" Long, Schedule 40 Black Steel Nipple.....	18.74	8.64
		<i>For Schedule 80 Nipples, Add</i>	2.89	
		<i>For Work In Restricted Working Space, Add</i>	3.89	
23 21 13 23-0282	EA	2" x 12" Long, Schedule 40 Black Steel Nipple.....	24.98	11.13
		<i>For Schedule 80 Nipples, Add</i>	4.12	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-0283	EA	2-1/2" x 12" Long, Schedule 40 Black Steel Nipple.....	34.07	13.85
		<i>For Schedule 80 Nipples, Add</i>	6.67	
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-0284	EA	3" x 12" Long, Schedule 40 Black Steel Nipple.....	43.80	16.73
		<i>For Schedule 80 Nipples, Add</i>	9.36	
		<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-0285	EA	4" x 12" Long, Schedule 40 Black Steel Nipple.....	53.92	20.22
		<i>For Schedule 80 Nipples, Add</i>	11.82	
		<i>For Work In Restricted Working Space, Add</i>	9.08	
23 21 13 23-0286		Black Malleable Iron Bushing (23 21 13 23-0014)		
23 21 13 23-0287	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Bushing.....	20.85	12.68
		<i>For Work In Restricted Working Space, Add</i>	5.70	
23 21 13 23-0288	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Bushing.....	23.09	13.61
		<i>For Work In Restricted Working Space, Add</i>	6.13	
23 21 13 23-0289	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Bushing.....	24.64	14.63
		<i>For Work In Restricted Working Space, Add</i>	6.59	
23 21 13 23-0290	EA	1" x 3/8", 150 LB, Black Malleable Iron Bushing.....	25.45	14.55
		<i>For Work In Restricted Working Space, Add</i>	6.53	
23 21 13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing.....	26.08	15.56
		<i>For Work In Restricted Working Space, Add</i>	7.00	
23 21 13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing.....	27.32	16.41
		<i>For Work In Restricted Working Space, Add</i>	7.37	
23 21 13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing.....	27.60	15.64
		<i>For Work In Restricted Working Space, Add</i>	7.05	
23 21 13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing.....	28.98	16.73
		<i>For Work In Restricted Working Space, Add</i>	7.52	
23 21 13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing.....	29.83	17.50
		<i>For Work In Restricted Working Space, Add</i>	7.89	
23 21 13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing.....	31.18	18.44
		<i>For Work In Restricted Working Space, Add</i>	8.29	
23 21 13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing.....	30.81	16.96
		<i>For Work In Restricted Working Space, Add</i>	7.61	
23 21 13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing.....	31.40	17.97
		<i>For Work In Restricted Working Space, Add</i>	8.08	
23 21 13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing.....	32.64	18.75
		<i>For Work In Restricted Working Space, Add</i>	8.45	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	33.44 8.85	19.69
23 21	13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	35.72 9.37	20.85
23 21	13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	37.51 8.96	19.92
23 21	13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	38.15 9.42	20.93
23 21	13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	38.36 9.79	21.78
23 21	13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	39.36 10.20	22.64
23 21	13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	41.07 10.71	23.81
23 21	13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	43.54 11.27	25.05
23 21	13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	52.47 12.82	28.48
23 21	13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	53.82 13.23	29.40
23 21	13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	55.53 13.74	30.50
23 21	13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	56.74 14.30	31.82
23 21	13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	61.14 15.65	34.78
23 21	13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	66.03 15.77	35.01
23 21	13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	67.37 16.17	35.95
23 21	13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	69.09 16.69	37.11
23 21	13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	70.69 17.25	38.36
23 21	13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	74.31 18.59	41.32
23 21	13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.58 21.62	48.08
23 21	13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	81.28 16.64	36.94
23 21	13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	82.59 17.03	37.85
23 21	13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.26 17.54	38.99
23 21	13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	86.08 18.08	40.20
23 21	13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	89.05 19.39	43.08
23 21	13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	98.86 22.33	49.66
23 21	13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	108.44 25.21	56.02
23 21 13 23-0326 Black Malleable Iron Square Head Plugs (23 21 13 23-0014)					
23 21	13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	8.33 2.08	4.59
23 21	13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	9.80 2.49	5.53
23 21	13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	10.79 2.79	6.22
23 21	13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	12.26 3.11	6.93
23 21	13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	14.12 3.52	7.85
23 21	13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	16.56 3.97	8.79
23 21	13 23-0333	EA	2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	21.54 5.05	11.21
23 21	13 23-0334	EA	2-1/2", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	33.48 7.47	16.58
23 21	13 23-0335	EA	3", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	44.56 9.83	21.86
23 21	13 23-0336	EA	4", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	60.07 10.60	23.54
23 21	13 23-0337	EA	5", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	90.01 11.06	24.61
23 21	13 23-0338	EA	6", 150 LB, Black Malleable Iron Square Head Plug..... <i>For Work In Restricted Working Space, Add</i>	104.37 11.57	25.67
23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges (23 21 13 23-0014)					
23 21	13 23-0340	EA	3/4", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	73.62 14.00	31.12
23 21	13 23-0341	EA	1", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	69.88 15.83	35.16
23 21	13 23-0342	EA	1-1/4", 125 LB, Black Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	75.09 16.38	36.41

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0343	EA	1-1/2", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	78.33 17.82	39.61
23 21	13 23-0344	EA	2", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	80.89 18.60	41.32
23 21	13 23-0345	EA	2-1/2", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	93.81 21.51	47.85
23 21	13 23-0346	EA	3", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	119.47 27.30	60.68
23 21	13 23-0347	EA	4", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	159.52 36.34	80.78
23 21	13 23-0348	EA	5", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	198.43 43.26	96.22
23 21	13 23-0349	EA	6", 125 LB, Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	226.96 49.68	110.46
23 21 13 23-0350 150 LB, Black Malleable Iron Flanges (23 21 13 23-0014)					
23 21	13 23-0351	EA	1/2", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	48.59 12.79	28.40
23 21	13 23-0352	EA	3/4", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	53.10 14.00	31.12
23 21	13 23-0353	EA	1", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	61.08 15.82	35.16
23 21	13 23-0354	EA	1-1/4", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	63.51 16.38	36.41
23 21	13 23-0355	EA	1-1/2", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	69.12 17.82	39.61
23 21	13 23-0356	EA	2", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	74.67 18.59	41.32
23 21	13 23-0357	EA	2-1/2", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	91.60 21.51	47.85
23 21	13 23-0358	EA	3", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	116.12 27.29	60.68
23 21	13 23-0359	EA	4", 150 LB, Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	163.82 36.33	80.78
23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe (23 21 13 23-0014)					
Note: For use when connecting pipe to an existing in-place system.					
23 21	13 23-0361	EA	1/2", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	25.35 7.61	
23 21	13 23-0362	EA	3/4", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	27.89 8.37	
23 21	13 23-0363	EA	1", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	30.43 9.13	
23 21	13 23-0364	EA	1-1/4", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	32.96 9.89	
23 21	13 23-0365	EA	1-1/2", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	34.65 10.40	
23 21	13 23-0366	EA	2", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	36.35 10.91	
23 21	13 23-0367	EA	2-1/2", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	38.04 11.41	
23 21	13 23-0368	EA	3", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	39.73 11.92	
23 21	13 23-0369	EA	4", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	41.41 12.42	
23 21	13 23-0370	EA	6", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	44.79 13.44	
23 21	13 23-0371	EA	8", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	48.17 14.45	
23 21	13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	52.40 15.72	
23 21	13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	55.78 16.73	
23 21 13 23-0374 Welded Black Steel Pipe (23 21 13 23)					
23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies (23 21 13 23-0374)					
Note: ASTM A-53. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.					
23 21	13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly <i>For Work In Restricted Working Space, Add</i>	17.74 4.32	5.91
23 21	13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly <i>For Work In Restricted Working Space, Add</i>	19.72 4.84	6.30
23 21	13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly <i>For Work In Restricted Working Space, Add</i>	23.47 5.55	6.70
23 21	13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly <i>For Work In Restricted Working Space, Add</i>	24.91 5.81	6.70

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0380	LF		2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	28.49	6.70
			<i>For Work In Restricted Working Space, Add</i>	6.72	
23 21 13 23-0381	LF		2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	33.01	6.70
			<i>For Work In Restricted Working Space, Add</i>	7.79	
23 21 13 23-0382	LF		3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	37.55	6.54
			<i>For Work In Restricted Working Space, Add</i>	8.22	
23 21 13 23-0383	LF		4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	49.23	8.27
			<i>For Work In Restricted Working Space, Add</i>	10.26	
23 21 13 23-0384	LF		6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	64.51	12.33
			<i>For Work In Restricted Working Space, Add</i>	11.82	
23 21 13 23-0385	LF		8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	97.57	15.31
			<i>For Work In Restricted Working Space, Add</i>	17.53	
23 21 13 23-0386	LF		10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	127.96	19.14
			<i>For Work In Restricted Working Space, Add</i>	20.91	
23 21 13 23-0387	LF		12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	158.73	23.12
			<i>For Work In Restricted Working Space, Add</i>	24.16	
23 21 13 23-0388	LF		14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	177.46	30.17
			<i>For Work In Restricted Working Space, Add</i>	26.95	
23 21 13 23-0389	LF		16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	205.92	38.29
			<i>For Work In Restricted Working Space, Add</i>	30.12	
23 21 13 23-0390	LF		18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	255.93	47.40
			<i>For Work In Restricted Working Space, Add</i>	33.05	
23 21 13 23-0391	LF		20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	325.04	58.58
			<i>For Work In Restricted Working Space, Add</i>	37.83	
23 21 13 23-0392	LF		24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	397.02	66.39
			<i>For Work In Restricted Working Space, Add</i>	41.59	
23 21 13 23-0393			Welded Black Steel Pipe And Fittings (23 21 13 23-0374) Note: ASTM A-53. Excludes hangers or fittings.		
23 21 13 23-0394			Welded Plain End Black Steel Piping (23 21 13 23-0393) Note: ASTM A-53		
23 21 13 23-0395	LF		3/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.46 1.18 0.14 1.89	3.15
23 21 13 23-0396	LF		1" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.42 1.49 0.18 2.36	3.94
23 21 13 23-0397	LF		1-1/4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.72 1.87 0.27 2.84	4.73
23 21 13 23-0398	LF		1-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.05 2.26 0.36 3.31	5.52
23 21 13 23-0399	LF		2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.69 2.68 0.43 3.93	6.54
23 21 13 23-0400	LF		2-1/2" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.02 4.06 0.50 4.45	7.41
23 21 13 23-0401	LF		3" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.58 5.12 0.80 4.78	7.96
23 21 13 23-0402	LF		4" Schedule 40, Welded Plain End Black Steel Pipe <i>For Schedule 80 Pipe, Add</i> <i>For Schedule A-106 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.39 7.19 1.28 5.91	9.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-0403	LF	6" Schedule 40, Welded Plain End Black Steel Pipe	42.32	15.96
		<i>For Schedule 80 Pipe, Add</i>	10.54	
		<i>For Schedule A-106 Pipe, Add</i>	2.15	
		<i>For Work In Restricted Working Space, Add</i>	7.33	
23 21 13 23-0404	LF	8" Schedule 40, Welded Plain End Black Steel Pipe	59.91	16.46
		<i>For Schedule 80 Pipe, Add</i>	15.21	
		<i>For Schedule A-106 Pipe, Add</i>	3.24	
		<i>For Schedule 30 Pipe, Deduct</i>	-8.69	
		<i>For Work In Restricted Working Space, Add</i>	9.88	
23 21 13 23-0405	LF	10" Schedule 40, Welded Plain End Black Steel Pipe	77.86	19.83
		<i>For Schedule 80 Pipe, Add</i>	20.31	
		<i>For Schedule A-106 Pipe, Add</i>	4.58	
		<i>For Schedule 30 Pipe, Deduct</i>	-11.61	
		<i>For Work In Restricted Working Space, Add</i>	11.90	
23 21 13 23-0406	LF	12" Schedule 40, Welded Plain End Black Steel Pipe	98.43	23.97
		<i>For Schedule 80 Pipe, Add</i>	26.06	
		<i>For Schedule A-106 Pipe, Add</i>	6.06	
		<i>For Schedule 30 Pipe, Deduct</i>	-14.89	
		<i>For Work In Restricted Working Space, Add</i>	14.38	
23 21 13 23-0407	LF	14" Schedule 40, Welded Plain End Black Steel Pipe	96.58	25.27
		<i>For Schedule 80 Pipe, Add</i>	24.96	
		<i>For Schedule A-106 Pipe, Add</i>	5.53	
		<i>For Schedule 30 Pipe, Deduct</i>	-14.26	
		<i>For Schedule 20 Pipe, Deduct</i>	-26.22	
		<i>For Work In Restricted Working Space, Add</i>	15.16	
23 21 13 23-0408	LF	16" Schedule 40, Welded Plain End Black Steel Pipe	105.83	27.19
		<i>For Schedule 80 Pipe, Add</i>	27.53	
		<i>For Schedule A-106 Pipe, Add</i>	6.18	
		<i>For Schedule 30 Pipe, Deduct</i>	-15.73	
		<i>For Schedule 20 Pipe, Deduct</i>	-28.89	
		<i>For Work In Restricted Working Space, Add</i>	16.31	
23 21 13 23-0409	LF	18" Schedule 40, Welded Plain End Black Steel Pipe	130.14	29.40
		<i>For Schedule 80 Pipe, Add</i>	35.26	
		<i>For Schedule A-106 Pipe, Add</i>	8.56	
		<i>For Schedule 30 Pipe, Deduct</i>	-20.15	
		<i>For Schedule 20 Pipe, Deduct</i>	-36.73	
		<i>For Work In Restricted Working Space, Add</i>	17.64	
23 21 13 23-0410	LF	20" Schedule 40, Welded Plain End Black Steel Pipe	154.21	35.22
		<i>For Schedule 80 Pipe, Add</i>	41.64	
		<i>For Schedule A-106 Pipe, Add</i>	10.05	
		<i>For Work In Restricted Working Space, Add</i>	21.14	
23 21 13 23-0411	LF	24" Schedule 40, Welded Plain End Black Steel Pipe	189.21	40.50
		<i>For Schedule 80 Pipe, Add</i>	52.05	
		<i>For Schedule A-106 Pipe, Add</i>	12.98	
		<i>For Work In Restricted Working Space, Add</i>	24.30	
23 21 13 23-0412		Welded Plain End Black Steel 90 Degree Elbows (23 21 13 23-0393)		
23 21 13 23-0413	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	85.37	48.55
		<i>For Schedule 80 Fittings, Add</i>	17.97	
		<i>For Work In Restricted Working Space, Add</i>	21.83	
23 21 13 23-0414	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	89.18	51.07
		<i>For Schedule 80 Fittings, Add</i>	18.72	
		<i>For Work In Restricted Working Space, Add</i>	22.97	
23 21 13 23-0415	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	99.90	58.19
		<i>For Schedule 80 Fittings, Add</i>	20.81	
		<i>For Work In Restricted Working Space, Add</i>	26.18	
23 21 13 23-0416	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	106.78	62.79
		<i>For Schedule 80 Fittings, Add</i>	22.15	
		<i>For Work In Restricted Working Space, Add</i>	28.25	
23 21 13 23-0417	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	135.11	81.70
		<i>For Schedule 80 Fittings, Add</i>	27.67	
		<i>For Work In Restricted Working Space, Add</i>	36.75	
23 21 13 23-0418	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	169.95	102.15
		<i>For Schedule 80 Fittings, Add</i>	34.91	
		<i>For Work In Restricted Working Space, Add</i>	45.94	
23 21 13 23-0419	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	179.80	106.55
		<i>For Schedule 80 Fittings, Add</i>	37.17	
		<i>For Work In Restricted Working Space, Add</i>	47.90	
23 21 13 23-0420	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	309.27	184.09
		<i>For Schedule 80 Fittings, Add</i>	63.80	
		<i>For Work In Restricted Working Space, Add</i>	82.80	
23 21 13 23-0421	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	537.32	303.80
		<i>For Schedule 80 Fittings, Add</i>	113.37	
		<i>For Work In Restricted Working Space, Add</i>	136.66	
23 21 13 23-0422	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	773.94	414.94
		<i>For Schedule 80 Fittings, Add</i>	166.86	
		<i>For Work In Restricted Working Space, Add</i>	186.64	
23 21 13 23-0423	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	989.74	474.28
		<i>For Schedule 80 Fittings, Add</i>	222.26	
		<i>For Work In Restricted Working Space, Add</i>	213.31	
23 21 13 23-0424	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,334.46	620.53
		<i>For Schedule 80 Fittings, Add</i>	302.66	
		<i>For Work In Restricted Working Space, Add</i>	279.09	
23 21 13 23-0425	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,646.70	733.48
		<i>For Schedule 80 Fittings, Add</i>	378.54	
		<i>For Work In Restricted Working Space, Add</i>	329.90	
23 21 13 23-0426	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,032.85	856.52
		<i>For Schedule 80 Fittings, Add</i>	475.03	
		<i>For Work In Restricted Working Space, Add</i>	385.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0427	EA		18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,395.53	955.07
			<i>For Schedule 80 Fittings, Add</i>	568.31	
			<i>For Work In Restricted Working Space, Add</i>	429.56	
23 21 13 23-0428	EA		20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,021.94	1,070.85
			<i>For Schedule 80 Fittings, Add</i>	738.00	
			<i>For Work In Restricted Working Space, Add</i>	481.66	
23 21 13 23-0429	EA		24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,510.15	1,106.60
			<i>For Schedule 80 Fittings, Add</i>	878.84	
			<i>For Work In Restricted Working Space, Add</i>	497.72	
23 21 13 23-0430			Welded Plain End Black Steel Reducing 90 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0431	EA		4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	413.35	184.41
			<i>For Schedule 80 Fittings, Add</i>	94.97	
			<i>For Work In Restricted Working Space, Add</i>	82.95	
23 21 13 23-0432	EA		6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	718.01	300.33
			<i>For Schedule 80 Fittings, Add</i>	168.12	
			<i>For Work In Restricted Working Space, Add</i>	135.10	
23 21 13 23-0433	EA		6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	763.90	300.33
			<i>For Schedule 80 Fittings, Add</i>	181.89	
			<i>For Work In Restricted Working Space, Add</i>	135.10	
23 21 13 23-0434	EA		8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,186.79	414.94
			<i>For Schedule 80 Fittings, Add</i>	290.71	
			<i>For Work In Restricted Working Space, Add</i>	186.64	
23 21 13 23-0435	EA		8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,296.22	414.94
			<i>For Schedule 80 Fittings, Add</i>	323.54	
			<i>For Work In Restricted Working Space, Add</i>	186.64	
23 21 13 23-0436	EA		10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,613.57	474.28
			<i>For Schedule 80 Fittings, Add</i>	409.41	
			<i>For Work In Restricted Working Space, Add</i>	213.31	
23 21 13 23-0437	EA		10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,613.57	474.28
			<i>For Schedule 80 Fittings, Add</i>	409.41	
			<i>For Work In Restricted Working Space, Add</i>	213.31	
23 21 13 23-0438	EA		12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,623.73	632.32
			<i>For Schedule 80 Fittings, Add</i>	687.58	
			<i>For Work In Restricted Working Space, Add</i>	284.41	
23 21 13 23-0439	EA		12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,623.73	632.32
			<i>For Schedule 80 Fittings, Add</i>	687.58	
			<i>For Work In Restricted Working Space, Add</i>	284.41	
23 21 13 23-0440	EA		12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,921.39	632.32
			<i>For Schedule 80 Fittings, Add</i>	776.87	
			<i>For Work In Restricted Working Space, Add</i>	284.41	
23 21 13 23-0441			Welded Plain End Black Steel 45 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0442	EA		3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	77.00	44.69
			<i>For Schedule 80 Fittings, Add</i>	16.07	
			<i>For Work In Restricted Working Space, Add</i>	20.09	
23 21 13 23-0443	EA		1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	79.37	46.26
			<i>For Schedule 80 Fittings, Add</i>	16.53	
			<i>For Work In Restricted Working Space, Add</i>	20.81	
23 21 13 23-0444	EA		1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	89.62	53.11
			<i>For Schedule 80 Fittings, Add</i>	18.53	
			<i>For Work In Restricted Working Space, Add</i>	23.88	
23 21 13 23-0445	EA		1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	95.91	57.29
			<i>For Schedule 80 Fittings, Add</i>	19.75	
			<i>For Work In Restricted Working Space, Add</i>	25.77	
23 21 13 23-0446	EA		2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	121.14	74.08
			<i>For Schedule 80 Fittings, Add</i>	24.67	
			<i>For Work In Restricted Working Space, Add</i>	33.34	
23 21 13 23-0447	EA		2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	151.16	93.07
			<i>For Schedule 80 Fittings, Add</i>	30.70	
			<i>For Work In Restricted Working Space, Add</i>	41.85	
23 21 13 23-0448	EA		3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	174.35	106.47
			<i>For Schedule 80 Fittings, Add</i>	35.54	
			<i>For Work In Restricted Working Space, Add</i>	47.90	
23 21 13 23-0449	EA		4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	300.22	184.02
			<i>For Schedule 80 Fittings, Add</i>	61.09	
			<i>For Work In Restricted Working Space, Add</i>	82.78	
23 21 13 23-0450	EA		6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	514.72	303.49
			<i>For Schedule 80 Fittings, Add</i>	106.64	
			<i>For Work In Restricted Working Space, Add</i>	136.50	
23 21 13 23-0451	EA		8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	732.98	414.94
			<i>For Schedule 80 Fittings, Add</i>	154.57	
			<i>For Work In Restricted Working Space, Add</i>	186.64	
23 21 13 23-0452	EA		10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	914.53	474.28
			<i>For Schedule 80 Fittings, Add</i>	199.70	
			<i>For Work In Restricted Working Space, Add</i>	213.31	
23 21 13 23-0453	EA		12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,223.67	619.38
			<i>For Schedule 80 Fittings, Add</i>	269.60	
			<i>For Work In Restricted Working Space, Add</i>	278.57	
23 21 13 23-0454	EA		14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,500.54	734.47
			<i>For Schedule 80 Fittings, Add</i>	334.54	
			<i>For Work In Restricted Working Space, Add</i>	330.34	
23 21 13 23-0455	EA		16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,829.48	855.61
			<i>For Schedule 80 Fittings, Add</i>	414.15	
			<i>For Work In Restricted Working Space, Add</i>	384.83	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0456	EA 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,133.84 489.98 429.06	953.92
23 21 13 23-0457	EA 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,639.72 623.34 481.66	1,070.85
23 21 13 23-0458	EA 24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,010.63 728.99 497.72	1,106.60
23 21 13 23-0459 Welded Plain End Black Steel Tee (23 21 13 23-0393)			
23 21 13 23-0460	EA 3/4" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.35 33.67 37.83	84.09
23 21 13 23-0461	EA 1" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.31 33.66 37.82	84.09
23 21 13 23-0462	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.70 38.29 42.07	93.54
23 21 13 23-0463	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	194.08 41.67 47.28	105.13
23 21 13 23-0464	EA 2" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	242.69 50.71 63.13	140.35
23 21 13 23-0465	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.51 58.13 70.93	157.69
23 21 13 23-0466	EA 3" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	331.22 69.25 86.06	191.51
23 21 13 23-0467	EA 4" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	476.49 99.40 124.43	276.70
23 21 13 23-0468	EA 6" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	797.62 167.33 205.58	457.08
23 21 13 23-0469	EA 8" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,156.03 247.27 284.41	632.32
23 21 13 23-0470	EA 10" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,454.80 320.31 331.81	737.68
23 21 13 23-0471	EA 12" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,952.50 436.44 426.61	948.49
23 21 13 23-0472	EA 14" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,511.91 579.37 497.72	1,106.60
23 21 13 23-0473	EA 16" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,021.90 697.53 597.26	1,327.90
23 21 13 23-0474	EA 18" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,896.24 936.61 663.62	1,475.45
23 21 13 23-0475	EA 20" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,088.74 1,265.32 746.57	1,659.91
23 21 13 23-0476	EA 24" Standard Weight, Welded Plain End Black Steel Tee..... <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,851.52 1,474.06 804.00	1,787.59
23 21 13 23-0477 Welded Plain End Black Steel Reducing Tees (23 21 13 23-0393)			
23 21 13 23-0478	EA 3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.42 32.90 36.65	81.49
23 21 13 23-0479	EA 1" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.31 33.66 37.82	84.09
23 21 13 23-0480	EA 1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.77 37.71 42.07	93.54
23 21 13 23-0481	EA 1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.15 41.10 47.28	105.13
23 21 13 23-0482	EA 2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	247.05 52.01 63.15	140.35
23 21 13 23-0483	EA 2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.60 58.15 70.96	157.77
23 21 13 23-0484	EA 3" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	331.42 69.31 86.06	191.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0485	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	476.78 99.48 124.43	276.70
23 21	13 23-0486	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	798.11 167.48 205.58	457.08
23 21	13 23-0487	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,156.97 247.55 284.41	632.32
23 21	13 23-0488	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,456.40 320.79 331.81	737.68
23 21	13 23-0489	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,954.90 437.16 426.61	948.49
23 21	13 23-0490	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,515.79 580.54 497.72	1,106.60
23 21	13 23-0491	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,026.60 698.94 597.26	1,327.90
23 21	13 23-0492	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,903.92 938.91 663.62	1,475.45
23 21 13 23-0493 Welded Plain End Black Steel Eccentric Reducers (23 21 13 23-0493)					
23 21	13 23-0494	EA	3" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	185.53 38.94 -8.43 47.76	106.15
23 21	13 23-0495	EA	4" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	308.41 63.49 -10.21 82.95	184.41
23 21	13 23-0496	EA	4" x 2" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	317.59 66.24 -13.15 82.95	184.41
23 21	13 23-0497	EA	6" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	514.82 107.16 -20.64 135.10	300.33
23 21	13 23-0498	EA	6" x 3" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	561.79 121.25 -35.67 135.10	300.33
23 21	13 23-0499	EA	8" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	781.67 162.55 -30.84 205.58	457.08
23 21	13 23-0500	EA	8" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	851.69 183.55 -53.25 205.58	457.08
23 21	13 23-0501	EA	10" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	901.78 187.79 -36.39 236.42	525.65
23 21	13 23-0502	EA	10" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	989.83 214.20 -64.56 236.42	525.65
23 21	13 23-0503	EA	12" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,125.11 238.18 -57.24 283.87	631.10
23 21	13 23-0504	EA	12" x 8" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,227.08 268.77 -89.88 283.87	631.10
23 21	13 23-0505	EA	14" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,420.16 309.91 -100.52 331.81	737.68
23 21	13 23-0506	EA	14" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,477.04 326.98 -118.72 331.81	737.68
23 21	13 23-0507	EA	16" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,670.76 370.58 -136.47 373.28	829.96
23 21	13 23-0508	EA	16" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,817.07 414.47 -183.29 373.28	829.96

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0509	EA	18" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer..... <i>For Schedule 80 Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2,115.48 485.33 -221.90 426.61	948.49
23 21	13 23-0510		Welded Plain End Black Steel Caps (23 21 13 23-0393)		
23 21	13 23-0511	EA	1" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.81 8.82 11.82	26.33
23 21	13 23-0512	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.15 9.63 13.00	28.93
23 21	13 23-0513	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.13 10.02 13.48	29.95
23 21	13 23-0514	EA	2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.75 12.23 17.26	38.38
23 21	13 23-0515	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.57 14.30 20.81	46.26
23 21	13 23-0516	EA	3" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.43 17.13 24.00	53.36
23 21	13 23-0517	EA	4" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.13 28.36 41.48	92.21
23 21	13 23-0518	EA	6" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	254.76 47.87 68.53	152.34
23 21	13 23-0519	EA	8" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	423.95 79.13 115.33	256.44
23 21	13 23-0520	EA	10" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	473.47 91.52 121.24	269.60
23 21	13 23-0521	EA	12" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	549.69 107.03 138.90	308.81
23 21	13 23-0522	EA	14" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	716.00 145.67 165.91	368.85
23 21	13 23-0523	EA	16" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	831.52 169.18 192.66	428.33
23 21	13 23-0524	EA	18" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	928.75 189.75 213.31	474.28
23 21	13 23-0525		150 LB, Welded Plain End Black Steel Neck Flanges (23 21 13 23-0393)		
			Note: 150 LB.		
23 21	13 23-0526	EA	2", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.91 33.83 25.97	57.74
23 21	13 23-0527	EA	2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.36 36.09 32.40	72.05
23 21	13 23-0528	EA	3", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.50 38.12 38.13	84.79
23 21	13 23-0529	EA	4", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.77 49.17 50.30	111.82
23 21	13 23-0530	EA	6", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	323.59 75.26 76.26	169.60
23 21	13 23-0531	EA	8", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	389.75 112.75 80.71	179.48
23 21	13 23-0532	EA	10", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	535.87 174.34 101.23	225.04
23 21	13 23-0533	EA	12", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	672.19 242.74 114.86	255.37
23 21	13 23-0534	EA	14", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	902.22 356.07 138.90	308.81
23 21	13 23-0535	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,224.32 536.87 161.42	358.89
23 21	13 23-0536	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,555.99 730.24 180.99	402.38
23 21	13 23-0537	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,972.35 925.05 229.71	510.73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0538	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,262.37 1,090.09 248.86	553.31
23 21	13 23-0539		150 LB, Welded Black Steel Slip-On Flanges (23 21 13 23-0393)		
23 21	13 23-0540	EA	2", 150 LB, Welded Black Steel Slip-On Flanges <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.29 22.88 20.67	57.74
23 21	13 23-0541	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	106.53 28.92 25.27	72.05
23 21	13 23-0542	EA	3", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.71 34.39 30.74	84.79
23 21	13 23-0543	EA	4", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	169.80 46.31 40.19	111.82
23 21	13 23-0544	EA	6", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	252.14 70.30 59.10	169.60
23 21	13 23-0545	EA	8", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.91 101.22 73.51	179.48
23 21	13 23-0546	EA	10", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	451.08 162.48 91.88	225.04
23 21	13 23-0547	EA	12", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	596.00 244.21 110.26	255.37
23 21	13 23-0548	EA	14", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	762.59 345.44 128.64	308.81
23 21	13 23-0549	EA	16", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	924.16 454.33 142.42	358.89
23 21	13 23-0550	EA	18", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,024.60 508.19 156.21	402.38
23 21	13 23-0551	EA	20", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,139.39 574.99 169.99	510.73
23 21	13 23-0552	EA	24", 150 LB, Welded Black Steel Slip-On Flange <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,302.07 648.35 197.55	553.31
23 21	13 23-0553		150 LB, Forged Steel Blind Flanges (23 21 13 23-0393)		
23 21	13 23-0554	EA	2", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.23 20.40 54.22 12.68	21.14
23 21	13 23-0555	EA	2-1/2", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.08 31.21 85.25 15.22	25.36
23 21	13 23-0556	EA	3", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	101.11 33.88 90.47 20.29	33.82
23 21	13 23-0557	EA	4", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 45.77 123.37 25.37	42.28
23 21	13 23-0558	EA	6", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	179.80 67.45 184.22 32.97	54.96
23 21	13 23-0559	EA	8", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.69 102.01 285.09 38.05	63.42
23 21	13 23-0560	EA	10", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	368.69 189.17 542.41 45.66	76.09
23 21	13 23-0561	EA	12", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For 600 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	483.98 263.78 762.04 53.27	88.78
23 21	13 23-0562	EA	14", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	833.82 526.03 60.88	101.47
23 21	13 23-0563	EA	16", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	893.30 555.98 68.49	114.14
23 21	13 23-0564	EA	18", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,001.32 607.13 83.71	139.51

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0565	EA	20", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,293.33 823.11 91.32	152.20
23 21	13 23-0566	EA	24", 150 LB, Forged Steel Blind Flange..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,770.95 1,169.95 106.54	177.56
23 21	13 23-0567		3,000 LB, Forge Steel Thread-O-Lets <small>(23 21 13 23-0393)</small>		
23 21	13 23-0568	EA	1/2", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.28 4.37 23.72 15.76	
23 21	13 23-0569	EA	3/4", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.31 5.13 28.37 18.92	
23 21	13 23-0570	EA	1", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.14 5.75 32.17 21.49	
23 21	13 23-0571	EA	1-1/4" Or 1-1/2", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	95.12 8.16 36.96 23.64	
23 21	13 23-0572	EA	2", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.97 10.20 42.05 26.27	
23 21	13 23-0573	EA	2-1/2", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	186.61 37.02 74.61 33.77	
23 21	13 23-0574	EA	3", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	232.08 37.24 91.91 47.28	
23 21	13 23-0575	EA	4", 3,000 LB, Forge Steel Thread-O-Let..... <i>For Weld-O-Lets, Add</i> <i>For Sock-O-Lets, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.78 72.89 137.54 59.10	
23 21	13 23-0576		Bolt, Nut, And 150 LB Rubber Flange Gasket Set <small>(23 21 13 23-0393)</small>		
			Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0577	EA	3/4" To 1-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	7.14 2.32 9.32	
23 21	13 23-0578	EA	2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	12.70 4.13 16.57	
23 21	13 23-0579	EA	2-1/2" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	13.62 4.43 17.77	
23 21	13 23-0580	EA	3" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	14.33 4.66 18.70	
23 21	13 23-0581	EA	4" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	24.93 8.10 32.53	
23 21	13 23-0582	EA	5" To 6" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	39.10 12.71 51.03	
23 21	13 23-0583	EA	8" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	42.06 13.67 54.89	
23 21	13 23-0584	EA	10" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	85.76 27.87 111.92	
23 21	13 23-0585	EA	12" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	92.82 30.17 121.13	
23 21	13 23-0586	EA	14" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	131.64 42.78 171.79	
23 21	13 23-0587	EA	16" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washer and nut. <i>For 300 LB Rating Gasket Set, Add</i> <i>For 150 LB Rating Teflon Gasket Set, Add</i>	171.71 55.81 224.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0588	EA	18" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washer and nut. For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add	248.34 80.71 324.08	
23 21	13 23-0589	EA	20" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washer and nut. For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add	343.15 111.52 447.81	
23 21	13 23-0590	EA	24" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washer and nut. For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add	428.93 139.40 559.75	
23 21	13 23-0591	EA	30" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washer and nut. For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add	716.73 232.94 935.33	
23 21	13 23-0592	EA	36" Diameter Pipe; Bolt, Nut And 150 LB Rubber Flange Gasket Set..... Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washer and nut. For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add	857.87 278.81 1,119.52	
23 21	13 23-0593		150 LB, Rubber Flange Gasket Replacement <small>(23 21 13 23-0593)</small> Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.		
23 21	13 23-0594	EA	1/2", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	23.42 0.02 0.54 0.62 7.01	
23 21	13 23-0595	EA	3/4", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	25.01 0.04 0.77 0.89 7.47	
23 21	13 23-0596	EA	1", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	27.41 0.06 1.31 1.51 8.17	
23 21	13 23-0597	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	29.77 0.07 1.47 1.69 8.87	
23 21	13 23-0598	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	32.93 0.08 1.86 2.14 9.81	
23 21	13 23-0599	EA	2", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	36.15 0.12 2.63 3.03 10.74	
23 21	13 23-0600	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	42.49 0.16 3.56 4.09 12.61	
23 21	13 23-0601	EA	3", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	44.90 0.19 4.10 4.72 13.31	
23 21	13 23-0602	EA	4", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	59.26 0.30 6.73 7.74 17.52	
23 21	13 23-0603	EA	5", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	68.70 0.34 7.50 8.63 20.32	
23 21	13 23-0604	EA	6", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	78.32 0.44 9.74 11.21 23.12	
23 21	13 23-0605	EA	8", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	95.26 0.64 14.22 16.38 28.03	
23 21	13 23-0606	EA	10", 150 LB, Rubber Flange Gasket Replacement..... For 300 LB Rating Gasket Set, Add For 150 LB Rating Teflon Gasket Set, Add For 300 LB Rating Teflon Gasket Set, Add For Work In Restricted Working Space, Add	102.25 0.91 20.18 23.23 29.89	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21	13 23-0607	EA	12", 150 LB, Rubber Flange Gasket Replacement	116.21	
			<i>For 300 LB Rating Gasket Set, Add</i>	1.17	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	25.82	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i>	29.73	
			<i>For Work In Restricted Working Space, Add</i>	33.86	
23 21	13 23-0608	EA	14", 150 LB, Rubber Flange Gasket Replacement	120.76	
			<i>For 300 LB Rating Gasket Set, Add</i>	1.40	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	30.84	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i>	35.51	
			<i>For Work In Restricted Working Space, Add</i>	35.03	
23 21	13 23-0609	EA	16", 150 LB, Rubber Flange Gasket Replacement	160.13	
			<i>For 300 LB Rating Gasket Set, Add</i>	1.56	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	34.40	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i>	39.61	
			<i>For Work In Restricted Working Space, Add</i>	46.70	
23 21	13 23-0610	EA	18", 150 LB, Rubber Flange Gasket Replacement	175.11	
			<i>For 300 LB Rating Gasket Set, Add</i>	1.62	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	35.87	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i>	41.30	
			<i>For Work In Restricted Working Space, Add</i>	51.14	
23 21	13 23-0611	EA	20", 150 LB, Rubber Flange Gasket Replacement	212.80	
			<i>For 300 LB Rating Gasket Set, Add</i>	1.74	
			<i>For 150 LB Rating Teflon Gasket Set, Add</i>	38.50	
			<i>For 300 LB Rating Teflon Gasket Set, Add</i>	44.32	
			<i>For Work In Restricted Working Space, Add</i>	62.35	

23 21 13 23-0612 Cut And Prepare For Welding Existing In-Place Black Steel Pipe (23 21 13 23-0393)

Note: For use when connecting pipe to an existing in-place system.

23 21	13 23-0613	EA	1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	16.90	
			<i>For Work In Restricted Working Space, Add</i>	5.07	
23 21	13 23-0614	EA	3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	18.26	
			<i>For Work In Restricted Working Space, Add</i>	5.48	
23 21	13 23-0615	EA	1", Cut And Prepare For Welding Existing In Place Black Steel Pipe	20.54	
			<i>For Work In Restricted Working Space, Add</i>	6.16	
23 21	13 23-0616	EA	1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	21.55	
			<i>For Work In Restricted Working Space, Add</i>	6.47	
23 21	13 23-0617	EA	1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	22.82	
			<i>For Work In Restricted Working Space, Add</i>	6.85	
23 21	13 23-0618	EA	2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	24.51	
			<i>For Work In Restricted Working Space, Add</i>	7.35	
23 21	13 23-0619	EA	2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe	26.20	
			<i>For Work In Restricted Working Space, Add</i>	7.86	
23 21	13 23-0620	EA	3", Cut And Prepare For Welding Existing In Place Black Steel Pipe	28.74	
			<i>For Work In Restricted Working Space, Add</i>	8.62	
23 21	13 23-0621	EA	4", Cut And Prepare For Welding Existing In Place Black Steel Pipe	31.27	
			<i>For Work In Restricted Working Space, Add</i>	9.38	
23 21	13 23-0622	EA	6", Cut And Prepare For Welding Existing In Place Black Steel Pipe	33.81	
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 21	13 23-0623	EA	8", Cut And Prepare For Welding Existing In Place Black Steel Pipe	36.35	
			<i>For Work In Restricted Working Space, Add</i>	10.91	
23 21	13 23-0624	EA	10", Cut And Prepare For Welding Existing In Place Black Steel Pipe	39.73	
			<i>For Work In Restricted Working Space, Add</i>	11.92	
23 21	13 23-0625	EA	12", Cut And Prepare For Welding Existing In Place Black Steel Pipe	43.11	
			<i>For Work In Restricted Working Space, Add</i>	12.93	
23 21	13 23-0626	EA	14", Cut And Prepare For Welding Existing In Place Black Steel Pipe	46.48	
			<i>For Work In Restricted Working Space, Add</i>	13.94	
23 21	13 23-0627	EA	16", Cut And Prepare For Welding Existing In Place Black Steel Pipe	49.86	
			<i>For Work In Restricted Working Space, Add</i>	14.96	
23 21	13 23-0628	EA	18", Cut And Prepare For Welding Existing In Place Black Steel Pipe	52.40	
			<i>For Work In Restricted Working Space, Add</i>	15.72	
23 21	13 23-0629	EA	20", Cut And Prepare For Welding Existing In Place Black Steel Pipe	54.94	
			<i>For Work In Restricted Working Space, Add</i>	16.48	
23 21	13 23-0630	EA	24", Cut And Prepare For Welding Existing In Place Black Steel Pipe	58.32	
			<i>For Work In Restricted Working Space, Add</i>	17.50	

23 21 13 23-0631 Welded Plain End Electric Resistance Black Steel Pipe (23 21 13 23-0393)

Note: ASTM A-135.

23 21	13 23-0632	LF	2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	16.63	8.67
			<i>For Work In Restricted Working Space, Add</i>	4.26	
23 21	13 23-0633	LF	2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	17.94	9.46
			<i>For Work In Restricted Working Space, Add</i>	4.26	
23 21	13 23-0634	LF	3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	18.53	9.30
			<i>For Work In Restricted Working Space, Add</i>	4.17	
23 21	13 23-0635	LF	4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	23.31	11.82
			<i>For Work In Restricted Working Space, Add</i>	5.32	
23 21	13 23-0636	LF	6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	37.04	17.49
			<i>For Work In Restricted Working Space, Add</i>	7.86	
23 21	13 23-0637	LF	8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	46.67	20.90
			<i>For Work In Restricted Working Space, Add</i>	9.42	
23 21	13 23-0638	LF	10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	61.75	26.03
			<i>For Work In Restricted Working Space, Add</i>	11.72	
23 21	13 23-0639	LF	12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings	74.82	31.39
			<i>For Work In Restricted Working Space, Add</i>	14.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0640	LF	14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings.....	95.92	40.74
			<i>For Work In Restricted Working Space, Add</i>	18.33	
23 21	13 23-0641		Flanged Steel Fittings ^(23 21 13 23)		
			See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0525 for welded neck flange ends.		
23 21	13 23-0642		Flanged Steel Fittings, Standard Weight ^(23 21 13 23-0641)		
			Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0576 for gaskets.		
23 21	13 23-0643		Flanged Steel, 90 Degree Elbows ^(23 21 13 23-0642)		
23 21	13 23-0644	EA	2" Standard Weight, Flanged Steel, 90 Degree Elbow	411.91	36.33
			<i>For Galvanized Fittings, Add</i>	285.96	
			<i>For Extra Heavy Weight Fittings, Add</i>	428.94	
23 21	13 23-0645	EA	2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow	459.44	40.46
			<i>For Galvanized Fittings, Add</i>	319.01	
			<i>For Extra Heavy Weight Fittings, Add</i>	478.51	
23 21	13 23-0646	EA	3" Standard Weight, Flanged Steel, 90 Degree Elbow	454.88	44.66
			<i>For Galvanized Fittings, Add</i>	310.38	
			<i>For Extra Heavy Weight Fittings, Add</i>	465.58	
23 21	13 23-0647	EA	4" Standard Weight, Flanged Steel, 90 Degree Elbow	578.95	51.89
			<i>For Galvanized Fittings, Add</i>	400.92	
			<i>For Extra Heavy Weight Fittings, Add</i>	601.38	
23 21	13 23-0648	EA	5" Standard Weight, Flanged Steel, 90 Degree Elbow	814.62	58.11
			<i>For Galvanized Fittings, Add</i>	581.98	
			<i>For Extra Heavy Weight Fittings, Add</i>	872.96	
23 21	13 23-0649	EA	6" Standard Weight, Flanged Steel, 90 Degree Elbow	859.15	67.46
			<i>For Galvanized Fittings, Add</i>	606.41	
			<i>For Extra Heavy Weight Fittings, Add</i>	909.61	
23 21	13 23-0650	EA	8" Standard Weight, Flanged Steel, 90 Degree Elbow	1,094.02	74.69
			<i>For Galvanized Fittings, Add</i>	785.58	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,178.38	
23 21	13 23-0651		Flanged Steel, Reducing 90 Degree Elbows ^(23 21 13 23-0642)		
23 21	13 23-0652	EA	2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	779.65	38.44
			<i>For Galvanized Fittings, Add</i>	577.66	
			<i>For Extra Heavy Weight Fittings, Add</i>	866.50	
23 21	13 23-0653	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	811.02	42.56
			<i>For Galvanized Fittings, Add</i>	597.78	
			<i>For Extra Heavy Weight Fittings, Add</i>	896.68	
23 21	13 23-0654	EA	4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,011.78	48.24
			<i>For Galvanized Fittings, Add</i>	751.54	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,127.32	
23 21	13 23-0655	EA	5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,255.34	51.35
			<i>For Galvanized Fittings, Add</i>	942.66	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,413.98	
23 21	13 23-0656	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,429.45	59.67
			<i>For Galvanized Fittings, Add</i>	1,071.98	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,607.98	
23 21	13 23-0657	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,998.02	71.11
			<i>For Galvanized Fittings, Add</i>	1,513.14	
			<i>For Extra Heavy Weight Fittings, Add</i>	2,269.72	
23 21	13 23-0658		Flanged Steel, 45 Degree Elbows ^(23 21 13 23-0642)		
23 21	13 23-0659	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	541.24	36.33
			<i>For Galvanized Fittings, Add</i>	389.42	
			<i>For Extra Heavy Weight Fittings, Add</i>	584.14	
23 21	13 23-0660	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	563.62	40.46
			<i>For Galvanized Fittings, Add</i>	402.35	
			<i>For Extra Heavy Weight Fittings, Add</i>	603.53	
23 21	13 23-0661	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	584.21	44.66
			<i>For Galvanized Fittings, Add</i>	413.85	
			<i>For Extra Heavy Weight Fittings, Add</i>	620.77	
23 21	13 23-0662	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	729.83	51.89
			<i>For Galvanized Fittings, Add</i>	521.62	
			<i>For Extra Heavy Weight Fittings, Add</i>	782.44	
23 21	13 23-0663	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	1,058.91	58.11
			<i>For Galvanized Fittings, Add</i>	777.41	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,166.11	
23 21	13 23-0664	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	1,027.99	67.46
			<i>For Galvanized Fittings, Add</i>	741.48	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,112.22	
23 21	13 23-0665	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	1,214.27	74.69
			<i>For Galvanized Fittings, Add</i>	881.78	
			<i>For Extra Heavy Weight Fittings, Add</i>	1,322.68	
23 21	13 23-0666		Flanged Steel, Tees ^(23 21 13 23-0642)		
23 21	13 23-0667	EA	2" Standard Weight, Flanged Steel, Tee.....	525.36	54.46
			<i>For Galvanized Fittings, Add</i>	354.94	
			<i>For Extra Heavy Weight Fittings, Add</i>	532.40	
23 21	13 23-0668	EA	2-1/2" Standard Weight, Flanged Steel, Tee	681.98	60.68
			<i>For Galvanized Fittings, Add</i>	472.77	
			<i>For Extra Heavy Weight Fittings, Add</i>	709.15	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0669	EA	3" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	617.69 413.86 620.78	66.91
23 21	13 23-0670	EA	4" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	889.06 617.89 926.83	77.88
23 21	13 23-0671	EA	5" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,331.25 960.43 1,440.65	87.22
23 21	13 23-0672	EA	6" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,626.64 1,179.95 1,769.93	101.22
23 21	13 23-0673	EA	8" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,799.11 1,298.62 1,947.94	117.24
23 21	13 23-0674		Flanged Steel, Reducing Tees (23 21 13 23-0642)		
23 21	13 23-0675	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	840.54 602.10 903.14	58.67
23 21	13 23-0676	EA	3" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	972.02 699.81 1,049.71	64.89
23 21	13 23-0677	EA	4" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,686.43 1,260.14 1,890.22	74.23
23 21	13 23-0678	EA	5" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,821.46 1,356.34 2,034.50	84.10
23 21	13 23-0679	EA	6" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,293.06 1,718.67 2,578.01	96.55
23 21	13 23-0680	EA	8" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,867.72 2,164.10 3,246.14	108.45
23 21	13 23-0681		Flanged Steel, Concentric Reducers (23 21 13 23-0642)		
23 21	13 23-0682	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	800.24 589.16 883.74	42.56
23 21	13 23-0683	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	909.39 669.63 1,004.45	48.24
23 21	13 23-0684	EA	5" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,355.99 1,018.82 1,528.22	55.00
23 21	13 23-0685	EA	6" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,495.92 1,125.16 1,687.74	59.67
23 21	13 23-0686	EA	8" x 6" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,751.93 1,316.27 1,974.41	71.11
23 21	13 23-0687		Flanged Steel, Eccentric Reducers (23 21 13 23-0642)		
23 21	13 23-0688	EA	4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,062.07 791.78 1,187.66	48.24
23 21	13 23-0689	EA	5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,452.99 1,096.42 1,644.62	55.00
23 21	13 23-0690		Plain End Couplings And Fittings (23 21 13 23) Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21	13 23-0691		Plain End Piping System Couplings (23 21 13 23-0690)		
23 21	13 23-0692		Plainlock Plain End Piping System Couplings (23 21 13 23-0691) Note: Ductile iron body with gasket, bolts and nuts.		
23 21	13 23-0693	EA	1" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	105.09 19.62	4.67
23 21	13 23-0694	EA	1-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	107.81 19.62	6.45
23 21	13 23-0695	EA	2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	110.96 19.62	8.56
23 21	13 23-0696	EA	2-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	113.65 19.62	10.35
23 21	13 23-0697	EA	3" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	134.43 23.15	12.45
23 21	13 23-0698	EA	4" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	185.27 32.08	16.58
23 21	13 23-0699	EA	6" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	311.26 54.16	27.00

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0700		Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0691)		
		Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0701	EA	1-1/2" Roust-A-Bout Plain End Piping System Coupling.....	126.86	6.45
		For Galvanized Fittings, Add	29.28	
23 21 13 23-0702	EA	2" Roust-A-Bout Plain End Piping System Coupling.....	130.01	8.56
		For Galvanized Fittings, Add	29.28	
23 21 13 23-0703	EA	2-1/2" Roust-A-Bout Plain End Piping System Coupling.....	132.71	10.42
		For Galvanized Fittings, Add	29.28	
23 21 13 23-0704	EA	3" Roust-A-Bout Plain End Piping System Coupling.....	192.16	12.45
		For Galvanized Fittings, Add	43.38	
23 21 13 23-0705	EA	3-1/2" Roust-A-Bout Plain End Piping System Coupling.....	222.59	14.55
		For Galvanized Fittings, Add	50.20	
23 21 13 23-0706	EA	4" Roust-A-Bout Plain End Piping System Coupling.....	225.67	16.58
		For Galvanized Fittings, Add	50.20	
23 21 13 23-0707	EA	5" Roust-A-Bout Plain End Piping System Coupling.....	318.01	20.77
		For Galvanized Fittings, Add	71.72	
23 21 13 23-0708	EA	6" Roust-A-Bout Plain End Piping System Coupling.....	390.82	27.00
		For Galvanized Fittings, Add	87.59	
23 21 13 23-0709	EA	8" Roust-A-Bout Plain End Piping System Coupling.....	669.53	32.21
		For Galvanized Fittings, Add	155.31	
23 21 13 23-0710	EA	10" Roust-A-Bout Plain End Piping System Coupling.....	865.44	38.12
		For Galvanized Fittings, Add	202.06	
23 21 13 23-0711	EA	12" Roust-A-Bout Plain End Piping System Coupling.....	1,081.85	45.12
		For Galvanized Fittings, Add	253.54	
23 21 13 23-0712	EA	14" Roust-A-Bout Plain End Piping System Coupling.....	1,514.93	49.87
		For Galvanized Fittings, Add	360.03	
23 21 13 23-0713	EA	16" Roust-A-Bout Plain End Piping System Coupling.....	2,056.70	56.40
		For Galvanized Fittings, Add	493.03	
23 21 13 23-0714		Plain End Piping System Fittings (23 21 13 23-0690)		
		Note: Cast ductile iron bodies.		
23 21 13 23-0715		Plain End Piping System, 90 Degree Elbows (23 21 13 23-0714)		
23 21 13 23-0716	EA	1" Plain End Piping System, 90 Degree Elbow.....	105.30	8.48
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0717	EA	1-1/2" Plain End Piping System, 90 Degree Elbow.....	111.84	12.84
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0718	EA	2" Plain End Piping System, 90 Degree Elbow.....	118.02	16.96
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0719	EA	2-1/2" Plain End Piping System, 90 Degree Elbow.....	123.57	20.69
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0720	EA	3" Plain End Piping System, 90 Degree Elbow.....	148.76	25.05
		For Galvanized Fittings, Add	22.24	
23 21 13 23-0721	EA	4" Plain End Piping System, 90 Degree Elbow.....	211.67	32.99
		For Galvanized Fittings, Add	32.44	
23 21 13 23-0722	EA	5" Plain End Piping System, 90 Degree Elbow.....	623.30	41.32
		For Galvanized Fittings, Add	112.27	
23 21 13 23-0723	EA	6" Plain End Piping System, 90 Degree Elbow.....	527.41	54.08
		For Galvanized Fittings, Add	89.27	
23 21 13 23-0724	EA	8" Plain End Piping System, 90 Degree Elbow.....	1,039.06	64.19
		For Galvanized Fittings, Add	188.55	
23 21 13 23-0725	EA	10" Plain End Piping System, 90 Degree Elbow.....	1,297.35	75.00
		For Galvanized Fittings, Add	236.98	
23 21 13 23-0726	EA	12" Plain End Piping System, 90 Degree Elbow.....	1,643.76	90.10
		For Galvanized Fittings, Add	301.74	
23 21 13 23-0727		Plain End Piping System, 45 Degree Elbows (23 21 13 23-0714)		
23 21 13 23-0728	EA	1" Plain End Piping System, 45 Degree Elbow.....	105.30	8.48
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0729	EA	1-1/2" Plain End Piping System, 45 Degree Elbow.....	111.84	12.84
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0730	EA	2" Plain End Piping System, 45 Degree Elbow.....	118.02	16.96
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0731	EA	2-1/2" Plain End Piping System, 45 Degree Elbow.....	123.57	20.69
		For Galvanized Fittings, Add	18.52	
23 21 13 23-0732	EA	3" Plain End Piping System, 45 Degree Elbow.....	148.76	25.05
		For Galvanized Fittings, Add	22.24	
23 21 13 23-0733	EA	4" Plain End Piping System, 45 Degree Elbow.....	211.67	32.99
		For Galvanized Fittings, Add	32.44	
23 21 13 23-0734	EA	5" Plain End Piping System, 45 Degree Elbow.....	623.30	41.32
		For Galvanized Fittings, Add	112.27	
23 21 13 23-0735	EA	6" Plain End Piping System, 45 Degree Elbow.....	529.13	54.08
		For Galvanized Fittings, Add	89.62	
23 21 13 23-0736	EA	8" Plain End Piping System, 45 Degree Elbow.....	614.31	64.19
		For Galvanized Fittings, Add	103.60	
23 21 13 23-0737	EA	10" Plain End Piping System, 45 Degree Elbow.....	835.36	75.00
		For Galvanized Fittings, Add	144.59	
23 21 13 23-0738	EA	12" Plain End Piping System, 45 Degree Elbow.....	1,069.01	90.10
		For Galvanized Fittings, Add	186.79	
23 21 13 23-0739		Plain End Piping System, Tees (23 21 13 23-0714)		
23 21 13 23-0740	EA	1" Plain End Piping System, Tee.....	143.93	12.84
		For Galvanized Fittings, Add	24.94	
23 21 13 23-0741	EA	1-1/2" Plain End Piping System, Tee.....	153.58	19.29
		For Galvanized Fittings, Add	24.94	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-0742	EA	2"	Plain End Piping System, Tee	162.09	24.97
			<i>For Galvanized Fittings, Add</i>	24.94	
23 21 13 23-0743	EA	2-1/2"	Plain End Piping System, Tee	170.56	30.57
			<i>For Galvanized Fittings, Add</i>	24.94	
23 21 13 23-0744	EA	3"	Plain End Piping System, Tee	235.80	37.58
			<i>For Galvanized Fittings, Add</i>	35.88	
23 21 13 23-0745	EA	4"	Plain End Piping System, Tee	322.38	48.63
			<i>For Galvanized Fittings, Add</i>	49.91	
23 21 13 23-0746	EA	5"	Plain End Piping System, Tee	643.48	63.56
			<i>For Galvanized Fittings, Add</i>	109.63	
23 21 13 23-0747	EA	6"	Plain End Piping System, Tee	795.84	79.59
			<i>For Galvanized Fittings, Add</i>	135.30	
23 21 13 23-0748	EA	8"	Plain End Piping System, Tee	1,082.53	96.78
			<i>For Galvanized Fittings, Add</i>	187.47	
23 21 13 23-0749	EA	10"	Plain End Piping System, Tee	1,600.58	112.81
			<i>For Galvanized Fittings, Add</i>	286.29	
23 21 13 23-0750	EA	12"	Plain End Piping System, Tee	2,139.04	135.14
			<i>For Galvanized Fittings, Add</i>	387.29	
23 21 13 23-0751			Plain End Piping System, Reducing Tees (23 21 13 23-0714)		
23 21 13 23-0752	EA	1-1/2"	Plain End Piping System, Reducing Tee	277.45	20.69
			<i>For Galvanized Fittings, Add</i>	49.29	
23 21 13 23-0753	EA	2"	Plain End Piping System, Reducing Tee	283.85	24.97
			<i>For Galvanized Fittings, Add</i>	49.29	
23 21 13 23-0754	EA	2-1/2"	Plain End Piping System, Reducing Tee	292.32	30.57
			<i>For Galvanized Fittings, Add</i>	49.29	
23 21 13 23-0755	EA	3"	Plain End Piping System, Reducing Tee	302.82	37.58
			<i>For Galvanized Fittings, Add</i>	49.29	
23 21 13 23-0756	EA	4"	Plain End Piping System, Reducing Tee	436.68	48.63
			<i>For Galvanized Fittings, Add</i>	72.77	
23 21 13 23-0757	EA	6"	Plain End Piping System, Reducing Tee	737.15	79.59
			<i>For Galvanized Fittings, Add</i>	123.56	
23 21 13 23-0758	EA	8"	Plain End Piping System, Reducing Tee	958.79	96.78
			<i>For Galvanized Fittings, Add</i>	162.73	
23 21 13 23-0759	EA	10"	Plain End Piping System, Reducing Tee	1,423.47	112.81
			<i>For Galvanized Fittings, Add</i>	250.87	
23 21 13 23-0760	EA	12"	Plain End Piping System, Reducing Tee	2,088.36	135.14
			<i>For Galvanized Fittings, Add</i>	377.15	
23 21 13 23-0761			Plain End Piping System, Wyes (23 21 13 23-0714)		
23 21 13 23-0762	EA	2"	Plain End Piping System, Wye	402.61	24.97
			<i>For Galvanized Fittings, Add</i>	73.04	
23 21 13 23-0763	EA	2-1/2"	Plain End Piping System, Wye	411.08	30.57
			<i>For Galvanized Fittings, Add</i>	73.04	
23 21 13 23-0764	EA	3"	Plain End Piping System, Wye	466.89	37.58
			<i>For Galvanized Fittings, Add</i>	82.10	
23 21 13 23-0765	EA	4"	Plain End Piping System, Wye	682.17	48.63
			<i>For Galvanized Fittings, Add</i>	121.86	
23 21 13 23-0766	EA	5"	Plain End Piping System, Wye	836.81	63.56
			<i>For Galvanized Fittings, Add</i>	148.29	
23 21 13 23-0767	EA	6"	Plain End Piping System, Wye	1,140.36	79.59
			<i>For Galvanized Fittings, Add</i>	204.21	
23 21 13 23-0768	EA	8"	Plain End Piping System, Wye	1,467.46	96.78
			<i>For Galvanized Fittings, Add</i>	264.46	
23 21 13 23-0769	EA	10"	Plain End Piping System, Wye	2,119.03	112.81
			<i>For Galvanized Fittings, Add</i>	389.98	
23 21 13 23-0770	EA	12"	Plain End Piping System, Wye	3,208.55	135.14
			<i>For Galvanized Fittings, Add</i>	601.19	
23 21 13 23-0771			Plain End Piping System, Laterals (23 21 13 23-0714)		
23 21 13 23-0772	EA	2"	Plain End Piping System, Lateral	428.44	24.97
			<i>For Galvanized Fittings, Add</i>	78.21	
23 21 13 23-0773	EA	2-1/2"	Plain End Piping System, Lateral	436.91	30.57
			<i>For Galvanized Fittings, Add</i>	78.21	
23 21 13 23-0774	EA	3"	Plain End Piping System, Lateral	492.54	37.58
			<i>For Galvanized Fittings, Add</i>	87.23	
23 21 13 23-0775	EA	4"	Plain End Piping System, Lateral	731.17	48.63
			<i>For Galvanized Fittings, Add</i>	131.66	
23 21 13 23-0776	EA	5"	Plain End Piping System, Lateral	953.51	63.56
			<i>For Galvanized Fittings, Add</i>	171.63	
23 21 13 23-0777	EA	6"	Plain End Piping System, Lateral	1,215.44	79.59
			<i>For Galvanized Fittings, Add</i>	219.22	
23 21 13 23-0778	EA	8"	Plain End Piping System, Lateral	1,743.25	96.78
			<i>For Galvanized Fittings, Add</i>	319.62	
23 21 13 23-0779	EA	10"	Plain End Piping System, Lateral	2,425.02	112.81
			<i>For Galvanized Fittings, Add</i>	451.18	
23 21 13 23-0780	EA	12"	Plain End Piping System, Lateral	3,254.03	135.14
			<i>For Galvanized Fittings, Add</i>	610.28	
23 21 13 23-0781			Plain End Piping System, Crosses (23 21 13 23-0714)		
23 21 13 23-0782	EA	2"	Plain End Piping System, Cross	480.63	37.42
			<i>For Galvanized Fittings, Add</i>	53.07	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0783	EA	2-1/2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	493.31 53.07	45.83
23 21	13 23-0784	EA	3" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	577.02 61.56	56.40
23 21	13 23-0785	EA	4" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	785.78 84.56	72.90
23 21	13 23-0786	EA	5" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,103.90 120.11	95.38
23 21	13 23-0787	EA	6" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,447.21 158.60	119.04
23 21	13 23-0788	EA	8" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,843.81 203.46	144.17
23 21	13 23-0789	EA	10" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	2,627.51 296.86	168.52
23 21	13 23-0790	EA	12" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	3,728.34 428.05	202.75
23 21 13 23-0791 Plain End Piping System, Adapter Nipples (23 21 13 23-0714)					
Note: Plain to threaded, plain to beveled or plain to grooved.					
23 21	13 23-0792	EA	1" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	19.68 3.17	4.67
23 21	13 23-0793	EA	1-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	22.76 3.26	6.45
23 21	13 23-0794	EA	2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	25.83 3.26	8.56
23 21	13 23-0795	EA	2-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	30.82 3.82	10.35
23 21	13 23-0796	EA	3" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	37.53 4.72	12.45
23 21	13 23-0797	EA	4" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	56.42 7.88	16.58
23 21	13 23-0798	EA	6" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	116.40 21.32	20.77
23 21 13 23-0799 Plain End Piping System, Reducing (Swaged) Nipples (23 21 13 23-0714)					
23 21	13 23-0800	EA	1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	59.33 10.65	11.13
23 21	13 23-0801	EA	2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	62.45 10.65	13.22
23 21	13 23-0802	EA	2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	65.59 10.65	15.33
23 21	13 23-0803	EA	2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	64.82 10.65	14.86
23 21	13 23-0804	EA	2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	67.90 10.65	16.89
23 21	13 23-0805	EA	2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	71.00 10.65	18.90
23 21	13 23-0806	EA	3" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	77.52 12.97	17.12
23 21	13 23-0807	EA	3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	80.29 12.97	18.90
23 21	13 23-0808	EA	3" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	71.44 9.98	21.01
23 21	13 23-0809	EA	3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	77.46 9.98	25.05
23 21	13 23-0810	EA	3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	88.16 11.93	27.00
23 21	13 23-0811	EA	4" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	104.85 18.24	21.24
23 21	13 23-0812	EA	4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	107.58 18.24	23.11
23 21	13 23-0813	EA	4" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	93.02 13.81	25.21
23 21	13 23-0814	EA	4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	95.69 13.81	27.00
23 21	13 23-0815	EA	4" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	98.86 13.81	29.10
23 21	13 23-0816	EA	4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	101.89 13.81	31.12
23 21	13 23-0817	EA	5" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	247.19 50.80	29.33
23 21	13 23-0818	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	206.58 39.21	33.14
23 21	13 23-0819	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	185.11 32.27	37.42
23 21	13 23-0820	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	434.59 96.79	31.67
23 21	13 23-0821	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	437.28 96.79	33.45
23 21	13 23-0822	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	339.64 71.59	35.56
23 21	13 23-0823	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	342.40 71.59	37.42
23 21	13 23-0824	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	244.70 46.40	39.44

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0825	EA 6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	247.52 46.40	41.32
23 21 13 23-0826	EA 6" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	206.01 35.19	43.57
23 21 13 23-0827	EA 6" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	232.88 40.34	47.69
23 21 13 23-0828	EA 8" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	290.65 55.95	44.58
23 21 13 23-0829	EA 8" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	296.93 55.95	48.78
23 21 13 23-0830	EA 8" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	334.00 63.65	52.99
23 21 13 23-0831	EA 8" x 6" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	374.22 71.35	59.21
23 21 13 23-0832	Plain End Piping System, Bull Plugs <small>(23 21 13 23-0714)</small>		
23 21 13 23-0833	EA 1" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	208.31 60.39	4.67
23 21 13 23-0834	EA 1-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	211.04 60.39	6.45
23 21 13 23-0835	EA 2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	214.11 60.39	8.56
23 21 13 23-0836	EA 2-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	216.87 60.39	10.35
23 21 13 23-0837	EA 3" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	313.76 88.53	12.45
23 21 13 23-0838	EA 4" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	406.05 114.35	16.58
23 21 13 23-0839	EA 5" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	704.71 202.08	20.77
23 21 13 23-0840	EA 6" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	938.86 269.52	27.00
23 21 13 23-0841	EA 8" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	1,737.27 506.71	32.13
23 21 13 23-0842	EA 10" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	3,122.56 919.85	37.58
23 21 13 23-0843	EA 12" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	4,782.91 1,414.57	45.12
23 21 13 23-0844	Carbon Steel Piping Systems <small>(23 21 13 23)</small>		
23 21 13 23-0845	Class 3,000 LB Carbon Steel Socket Weld Fittings <small>(23 21 13 23-0844)</small> Note: ASTM A105		
23 21 13 23-0846	90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0845)</small>		
23 21 13 23-0847	EA 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	28.15	15.41
23 21 13 23-0848	EA 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	31.64	17.19
23 21 13 23-0849	EA 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	39.57	19.21
23 21 13 23-0850	EA 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	52.66	21.78
23 21 13 23-0851	EA 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	60.11	24.51
23 21 13 23-0852	EA 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	80.97	31.20
23 21 13 23-0853	EA 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	156.06	46.14
23 21 13 23-0854	EA 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	220.70	60.68
23 21 13 23-0855	EA 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	373.59	65.48
23 21 13 23-0856	45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0845)</small>		
23 21 13 23-0857	EA 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	30.40	15.41
23 21 13 23-0858	EA 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	35.04	17.19
23 21 13 23-0859	EA 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	40.61	19.21
23 21 13 23-0860	EA 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	53.99	21.78
23 21 13 23-0861	EA 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	63.28	24.51
23 21 13 23-0862	EA 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	80.90	31.20
23 21 13 23-0863	EA 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	175.47	46.14
23 21 13 23-0864	EA 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	237.13	60.68
23 21 13 23-0865	EA 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	366.48	65.48
23 21 13 23-0866	Straight Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0845)</small>		
23 21 13 23-0867	EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	34.62	19.21
23 21 13 23-0868	EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	41.62	22.17
23 21 13 23-0869	EA 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	54.10	26.22
23 21 13 23-0870	EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	70.87	31.20
23 21 13 23-0871	EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	85.71	37.19
23 21 13 23-0872	EA 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	112.63	46.14
23 21 13 23-0873	EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	195.64	60.68
23 21 13 23-0874	EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	265.19	72.04
23 21 13 23-0875	EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	493.12	82.68
23 21 13 23-0876	Reducing Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-0845)</small>		
23 21 13 23-0877	EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	35.23	19.21
23 21 13 23-0878	EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	42.26	22.17
23 21 13 23-0879	EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	54.86	26.22
23 21 13 23-0880	EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	72.67	31.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0881	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	87.83	37.19
23 21	13 23-0882	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	115.88	46.14
23 21	13 23-0883	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	203.36	60.68
23 21	13 23-0884	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	276.30	72.04
23 21	13 23-0885	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	453.57	82.68
23 21	13 23-0886		Straight Couplings, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-0845)		
23 21	13 23-0887	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	25.38	15.41
23 21	13 23-0888	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	28.57	17.19
23 21	13 23-0889	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	33.05	19.21
23 21	13 23-0890	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	37.96	21.78
23 21	13 23-0891	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	43.97	24.51
23 21	13 23-0892	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	57.21	31.20
23 21	13 23-0893	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB.....	95.53	46.14
23 21	13 23-0894	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	127.36	60.68
23 21	13 23-0895	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	170.68	65.48
23 21	13 23-0896		Reducing Couplings, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-0845)		
23 21	13 23-0897	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	26.63	15.41
23 21	13 23-0898	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	29.95	17.19
23 21	13 23-0899	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	35.25	19.21
23 21	13 23-0900	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	40.62	21.78
23 21	13 23-0901	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	47.91	24.51
23 21	13 23-0902	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	61.43	31.20
23 21	13 23-0903	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	104.82	46.14
23 21	13 23-0904	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	146.05	60.68
23 21	13 23-0905	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	209.53	65.48
23 21	13 23-0906		Caps, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-0845)		
23 21	13 23-0907	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	14.49	7.24
23 21	13 23-0908	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	16.36	7.70
23 21	13 23-0909	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	19.14	8.87
23 21	13 23-0910	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	22.03	9.65
23 21	13 23-0911	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	24.83	9.65
23 21	13 23-0912	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	32.18	12.37
23 21	13 23-0913	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	55.06	15.41
23 21	13 23-0914	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	78.31	18.60
23 21	13 23-0915	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	112.28	22.41
23 21	13 23-0916		Black Cast Iron Square Head Plug (23 21 13 23-0845)		
23 21	13 23-0917	EA	1/2" Square Head Plug, Black, Cast Iron.....	9.98	6.14
23 21	13 23-0918	EA	3/4" Square Head Plug, Black, Cast Iron.....	11.17	6.14
23 21	13 23-0919	EA	1" Square Head Plug, Black, Cast Iron.....	16.17	9.33
23 21	13 23-0920	EA	1-1/4" Square Head Plug, Black, Cast Iron.....	16.41	9.33
23 21	13 23-0921	EA	1-1/2" Square Head Plug, Black, Cast Iron.....	17.40	9.33
23 21	13 23-0922	EA	2" Square Head Plug, Black, Cast Iron.....	23.06	12.37
23 21	13 23-0923	EA	2-1/2" Square Head Plug, Black, Cast Iron.....	29.54	15.41
23 21	13 23-0924	EA	3" Square Head Plug, Black, Cast Iron.....	38.29	18.60
23 21	13 23-0925	EA	4" Square Head Plug, Black, Cast Iron.....	45.87	22.41
23 21	13 23-0926		Unions, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-0845)		
23 21	13 23-0927	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	41.88	19.21
23 21	13 23-0928	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	46.65	22.17
23 21	13 23-0929	EA	1" Union, Carbon Steel, Socket Weld, 3,000 LB.....	58.88	26.22
23 21	13 23-0930	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	73.75	31.20
23 21	13 23-0931	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	88.76	37.19
23 21	13 23-0932	EA	2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	110.85	46.14
23 21	13 23-0933	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	181.92	50.11
23 21	13 23-0934	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB.....	242.30	60.68
23 21	13 23-0935		Class 6,000 LB Carbon Steel Socket Weld Fittings (23 21 13 23-0844)		
			Note: ASTM A105		
23 21	13 23-0936		90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0937	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	30.86	15.41
23 21	13 23-0938	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	34.74	17.19
23 21	13 23-0939	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	45.28	19.21
23 21	13 23-0940	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	63.30	21.78
23 21	13 23-0941	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	72.49	24.51
23 21	13 23-0942	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	99.16	31.20
23 21	13 23-0943	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	202.21	46.14
23 21	13 23-0944	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	289.59	60.68
23 21	13 23-0945	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	519.88	65.48
23 21	13 23-0946		45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0947	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	34.56	15.41
23 21	13 23-0948	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	40.27	17.19

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21	13 23-0949	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	47.29	19.21
23 21	13 23-0950	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	66.08	21.78
23 21	13 23-0951	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	78.28	24.51
23 21	13 23-0952	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	100.26	31.20
23 21	13 23-0953	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	235.67	46.14
23 21	13 23-0954	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	319.87	60.68
23 21	13 23-0955	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	518.42	65.48
23 21	13 23-0956		Straight Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0957	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	39.98	19.21
23 21	13 23-0958	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	49.38	22.17
23 21	13 23-0959	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	67.82	26.22
23 21	13 23-0960	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	93.24	31.20
23 21	13 23-0961	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	113.45	37.19
23 21	13 23-0962	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	152.89	46.14
23 21	13 23-0963	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	292.56	60.68
23 21	13 23-0964	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	410.72	72.04
23 21	13 23-0965	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	835.03	82.68
23 21	13 23-0966		Reducing Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0967	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	35.23	19.21
23 21	13 23-0968	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	42.26	22.17
23 21	13 23-0969	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	54.86	26.22
23 21	13 23-0970	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	72.67	31.20
23 21	13 23-0971	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	87.83	37.19
23 21	13 23-0972	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	115.88	46.14
23 21	13 23-0973	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	203.36	60.68
23 21	13 23-0974	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	276.30	72.04
23 21	13 23-0975	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	453.57	82.68
23 21	13 23-0976		Straight Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0977	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	26.51	15.41
23 21	13 23-0978	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	29.90	17.19
23 21	13 23-0979	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	35.10	19.21
23 21	13 23-0980	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	40.54	21.78
23 21	13 23-0981	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	47.44	24.51
23 21	13 23-0982	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	62.28	31.20
23 21	13 23-0983	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	108.29	46.14
23 21	13 23-0984	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	144.95	60.68
23 21	13 23-0985	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	205.77	65.48
23 21	13 23-0986		Reducing Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0987	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	28.36	15.41
23 21	13 23-0988	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	31.93	17.19
23 21	13 23-0989	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	38.34	19.21
23 21	13 23-0990	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	44.45	21.78
23 21	13 23-0991	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	53.25	24.51
23 21	13 23-0992	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	68.48	31.20
23 21	13 23-0993	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	121.94	46.14
23 21	13 23-0994	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	172.47	60.68
23 21	13 23-0995	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	263.00	65.48
23 21	13 23-0996		Caps, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-0997	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	16.97	7.24
23 21	13 23-0998	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	19.60	7.70
23 21	13 23-0999	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	23.06	8.87
23 21	13 23-1000	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	27.15	9.65
23 21	13 23-1001	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	31.82	9.65
23 21	13 23-1002	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	41.30	12.37
23 21	13 23-1003	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	76.54	15.41
23 21	13 23-1004	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	112.15	18.60
23 21	13 23-1005	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	165.04	22.41
23 21	13 23-1006		Black Cast Iron Square Head Plug (23 21 13 23-0935)		
23 21	13 23-1007	EA	1/2" Square Head Plug, Black Cast Iron.....	9.98	6.14
23 21	13 23-1008	EA	3/4" Square Head Plug, Black Cast Iron.....	11.18	6.14
23 21	13 23-1009	EA	1" Square Head Plug, Black Cast Iron.....	16.18	9.33
23 21	13 23-1010	EA	1-1/4" Square Head Plug, Black Cast Iron.....	16.42	9.33
23 21	13 23-1011	EA	1-1/2" Square Head Plug, Black Cast Iron.....	17.41	9.33
23 21	13 23-1012	EA	2" Square Head Plug, Black Cast Iron.....	23.08	12.37
23 21	13 23-1013	EA	2-1/2" Square Head Plug, Black Cast Iron.....	29.57	15.41
23 21	13 23-1014	EA	3" Square Head Plug, Black Cast Iron.....	38.34	18.60
23 21	13 23-1015	EA	4" Square Head Plug, Black Cast Iron.....	45.93	22.41
23 21	13 23-1016		Unions, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-0935)		
23 21	13 23-1017	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	49.86	19.21
23 21	13 23-1018	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	54.85	22.17

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1019 EA 1" Union, Carbon Steel, Socket Weld, 6,000 LB.....	70.85	26.22
23 21 13 23-1020 EA 1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	90.28	31.20
23 21 13 23-1021 EA 1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	108.93	37.19
23 21 13 23-1022 EA 2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	136.35	46.14
23 21 13 23-1023 EA 2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	247.20	50.11
23 21 13 23-1024 EA 3" Union, Carbon Steel, Socket Weld, 6,000 LB.....	334.83	60.68
 23 21 13 23-1025 Carbon Steel Piping System (23 21 13 23-0844)		
<i>Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.</i>		
23 21 13 23-1026 Schedule 40 Carbon Steel Piping (23 21 13 23-1025)		
<i>Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.</i>		
23 21 13 23-1027 LF 1/4" ASTM A106 Carbon Steel Pipe, Schedule 40	5.87	2.88
<i>For Schedule 80, Add</i>	0.56	
23 21 13 23-1028 LF 1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	6.13	3.11
<i>For Schedule 80, Add</i>	0.51	
<i>For Schedule 160, Add</i>	2.13	
23 21 13 23-1029 LF 3/4" ASTM A106 Carbon Steel Pipe, Schedule 40	6.75	3.34
<i>For Schedule 80, Add</i>	0.63	
<i>For Schedule 160, Add</i>	2.61	
23 21 13 23-1030 LF 1" ASTM A106 Carbon Steel Pipe, Schedule 40	7.23	3.66
<i>For Schedule 80, Add</i>	0.64	
<i>For Schedule 160, Add</i>	2.69	
23 21 13 23-1031 LF 1-1/2" ASTM A106 Carbon Steel Pipe, Schedule 40	9.41	4.51
<i>For Schedule 80, Add</i>	0.95	
<i>For Schedule 160, Add</i>	3.96	
23 21 13 23-1032 LF 2" ASTM A106 Carbon Steel Pipe, Schedule 40	11.67	5.45
<i>For Schedule 80, Add</i>	1.25	
<i>For Schedule 160, Add</i>	5.22	
 23 21 13 23-1033 90 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1025)		
23 21 13 23-1034 EA 1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	20.94	11.82
23 21 13 23-1035 EA 1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	25.15	13.85
23 21 13 23-1036 EA 3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	28.12	15.49
23 21 13 23-1037 EA 1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	32.10	17.27
23 21 13 23-1038 EA 1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	49.05	22.09
23 21 13 23-1039 EA 2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	62.17	28.09
23 21 13 23-1040 EA 1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	21.96	11.82
23 21 13 23-1041 EA 1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	25.54	13.85
23 21 13 23-1042 EA 3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	29.39	15.49
23 21 13 23-1043 EA 1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	34.86	17.27
23 21 13 23-1044 EA 1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	55.64	22.09
23 21 13 23-1045 EA 2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	69.45	28.09
23 21 13 23-1046 EA 1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	29.12	13.85
23 21 13 23-1047 EA 3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	33.90	15.49
23 21 13 23-1048 EA 1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	39.60	17.27
23 21 13 23-1049 EA 1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	68.96	22.09
23 21 13 23-1050 EA 2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	104.77	28.09
 23 21 13 23-1051 45 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1025)		
23 21 13 23-1052 EA 1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	23.13	11.82
23 21 13 23-1053 EA 1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	25.98	13.85
23 21 13 23-1054 EA 3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	29.19	15.49
23 21 13 23-1055 EA 1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	32.92	17.27
23 21 13 23-1056 EA 1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	46.42	22.09
23 21 13 23-1057 EA 2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	66.23	28.09
23 21 13 23-1058 EA 1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	23.30	11.82
23 21 13 23-1059 EA 1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	26.92	13.85
23 21 13 23-1060 EA 3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	30.27	15.49
23 21 13 23-1061 EA 1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	35.73	17.27
23 21 13 23-1062 EA 1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	54.62	22.09
23 21 13 23-1063 EA 2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	71.72	28.09
23 21 13 23-1064 EA 1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	31.60	13.85
23 21 13 23-1065 EA 3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	38.36	15.49
23 21 13 23-1066 EA 1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	41.28	17.27
23 21 13 23-1067 EA 1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	78.46	22.09
23 21 13 23-1068 EA 2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	105.40	28.09
 23 21 13 23-1069 Straight Tees, Screwed Carbon Steel (23 21 13 23-1025)		
23 21 13 23-1070 EA 1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	27.87	16.41
23 21 13 23-1071 EA 1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	31.65	17.27
23 21 13 23-1072 EA 3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	37.73	20.00
23 21 13 23-1073 EA 1" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	46.03	23.57
23 21 13 23-1074 EA 1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	72.63	33.45
23 21 13 23-1075 EA 2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	90.04	41.55
23 21 13 23-1076 EA 1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	28.75	16.41
23 21 13 23-1077 EA 1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	32.22	17.27
23 21 13 23-1078 EA 3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	39.64	20.00
23 21 13 23-1079 EA 1" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	47.67	23.57
23 21 13 23-1080 EA 1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	78.28	33.45
23 21 13 23-1081 EA 2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	99.39	41.55
23 21 13 23-1082 EA 1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	36.52	17.27

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1157	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel	13.58	7.39
23 21 13 23-1158	EA	1" Nipple, 6" Long, Screwed Carbon Steel	15.28	8.02
23 21 13 23-1159	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel	18.35	8.64
23 21 13 23-1160	EA	2" Nipple, 6" Long, Screwed Carbon Steel	21.93	11.13
23 21 13 23-1161		Unions, Screwed Carbon Steel <small>(23 21 13 23-1025)</small>		
23 21 13 23-1162	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel	25.43	17.19
23 21 13 23-1163	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel	26.94	17.27
23 21 13 23-1164	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel	30.97	20.00
23 21 13 23-1165	EA	1" Union, 3,000 LB, Screwed Carbon Steel	36.89	23.57
23 21 13 23-1166	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel	52.75	33.45
23 21 13 23-1167	EA	2" Union, 3,000 LB, Screwed Carbon Steel	65.47	41.55
23 21 13 23-1168	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel	39.13	17.19
23 21 13 23-1169	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel	43.50	17.27
23 21 13 23-1170	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel	51.02	20.00
23 21 13 23-1171	EA	1" Union, 6,000 LB, Screwed Carbon Steel	61.60	23.57
23 21 13 23-1172	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel	103.29	33.45
23 21 13 23-1173	EA	2" Union, 6,000 LB, Screwed Carbon Steel	127.66	41.55
23 21 13 23-1174		Weld Neck Flanges, Screwed Carbon Steel <small>(23 21 13 23-1025)</small>		
23 21 13 23-1175	EA	1/2" Flange, 150 LB, Screwed Carbon Steel	55.50	32.13
23 21 13 23-1176	EA	3/4" Flange, 150 LB, Screwed Carbon Steel	58.07	33.68
23 21 13 23-1177	EA	1" Flange, 150 LB, Screwed Carbon Steel	60.26	35.16
23 21 13 23-1178	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel	67.17	39.61
23 21 13 23-1179	EA	2" Flange, 150 LB, Screwed Carbon Steel	69.76	41.32
23 21 13 23-1180	EA	1/2" Flange, 300 LB, Screwed Carbon Steel	55.96	32.13
		<i>For Ring Type Joint, Add</i>	7.75	
		<i>For Blind Flange, Deduct</i>	-20.83	
23 21 13 23-1181	EA	3/4" Flange, 300 LB, Screwed Carbon Steel	58.56	33.68
		<i>For Ring Type Joint, Add</i>	8.01	
		<i>For Blind Flange, Deduct</i>	-21.82	
23 21 13 23-1182	EA	1" Flange, 300 LB, Screwed Carbon Steel	61.00	35.16
		<i>For Ring Type Joint, Add</i>	8.26	
		<i>For Blind Flange, Deduct</i>	-22.75	
23 21 13 23-1183	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel	68.95	39.61
		<i>For Ring Type Joint, Add</i>	9.56	
		<i>For Blind Flange, Deduct</i>	-25.67	
23 21 13 23-1184	EA	2" Flange, 300 LB, Screwed Carbon Steel	71.54	41.32
		<i>For Ring Type Joint, Add</i>	9.56	
		<i>For Blind Flange, Deduct</i>	-26.70	
23 21 13 23-1185	EA	1/2" Flange, 600 LB, Screwed Carbon Steel	59.00	32.13
		<i>For Ring Type Joint, Add</i>	10.79	
		<i>For Blind Flange, Deduct</i>	-21.44	
23 21 13 23-1186	EA	3/4" Flange, 600 LB, Screwed Carbon Steel	61.34	33.68
		<i>For Ring Type Joint, Add</i>	10.79	
		<i>For Blind Flange, Deduct</i>	-22.38	
23 21 13 23-1187	EA	1" Flange, 600 LB, Screwed Carbon Steel	64.03	35.16
		<i>For Ring Type Joint, Add</i>	11.29	
		<i>For Blind Flange, Deduct</i>	-23.35	
23 21 13 23-1188	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	72.69	39.61
		<i>For Ring Type Joint, Add</i>	13.30	
		<i>For Blind Flange, Deduct</i>	-26.42	
23 21 13 23-1189	EA	2" Flange, 600 LB, Screwed Carbon Steel	74.36	41.32
		<i>For Ring Type Joint, Add</i>	12.38	
		<i>For Blind Flange, Deduct</i>	-27.27	
23 21 13 23-1190		Square Head Plugs, Screwed Carbon Steel <small>(23 21 13 23-1025)</small>		
23 21 13 23-1191	EA	1/4" Square Head Plug, Screwed Carbon Steel	3.94	2.18
23 21 13 23-1192	EA	1/2" Square Head Plug, Screwed Carbon Steel	4.72	2.57
23 21 13 23-1193	EA	3/4" Square Head Plug, Screwed Carbon Steel	5.46	2.96
23 21 13 23-1194	EA	1" Square Head Plug, Screwed Carbon Steel	7.96	4.36
23 21 13 23-1195	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	9.76	4.36
23 21 13 23-1196	EA	2" Square Head Plug, Screwed Carbon Steel	13.90	5.68
23 21 13 23-1197		Hex Head Plugs, Screwed Carbon Steel <small>(23 21 13 23-1025)</small>		
23 21 13 23-1198	EA	1/4" Hex Head Plug, Screwed Carbon Steel	3.76	2.18
23 21 13 23-1199	EA	1/2" Hex Head Plug, Screwed Carbon Steel	4.55	2.57
23 21 13 23-1200	EA	3/4" Hex Head Plug, Screwed Carbon Steel	5.35	2.96
23 21 13 23-1201	EA	1" Hex Head Plug, Screwed Carbon Steel	7.86	4.36
23 21 13 23-1202	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel	9.36	4.36
23 21 13 23-1203	EA	2" Hex Head Plug, Screwed Carbon Steel	14.19	5.68
23 21 13 23-1204		Round Head Plugs, Screwed Carbon Steel <small>(23 21 13 23-1025)</small>		
23 21 13 23-1205	EA	1/4" Round Head Plug, Screwed Carbon Steel	4.34	2.18
23 21 13 23-1206	EA	1/2" Round Head Plug, Screwed Carbon Steel	4.74	2.57
23 21 13 23-1207	EA	3/4" Round Head Plug, Screwed Carbon Steel	5.38	2.96
23 21 13 23-1208	EA	1" Round Head Plug, Screwed Carbon Steel	8.02	4.36
23 21 13 23-1209	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	10.25	4.36
23 21 13 23-1210	EA	2" Round Head Plug, Screwed Carbon Steel	14.08	5.68

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1211	Hexagon Bushings, Screwed Carbon Steel (23 21 13 23-1025)			
23 21 13 23-1212	EA	1/4" Hex Bushing, Screwed Carbon Steel.....	3.89	2.18
23 21 13 23-1213	EA	1/2" Hex Bushing, Screwed Carbon Steel.....	4.54	2.57
23 21 13 23-1214	EA	3/4" Hex Bushing, Screwed Carbon Steel.....	5.30	2.96
23 21 13 23-1215	EA	1" Hex Bushing, Screwed Carbon Steel.....	7.99	4.36
23 21 13 23-1216	EA	1-1/2" Hex Bushing, Screwed Carbon Steel.....	9.33	4.36
23 21 13 23-1217	EA	2" Hex Bushing, Screwed Carbon Steel.....	13.77	5.68
23 21 13 23-1218	90 Degree Street Elbows, Screwed Carbon Steel (23 21 13 23-1025)			
23 21 13 23-1219	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	24.21	11.82
23 21 13 23-1220	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	27.73	13.85
23 21 13 23-1221	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	32.20	15.49
23 21 13 23-1222	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	37.42	17.27
23 21 13 23-1223	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	57.70	22.09
23 21 13 23-1224	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	77.17	28.09
23 21 13 23-1225	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	37.09	13.85
23 21 13 23-1226	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	51.24	15.49
23 21 13 23-1227	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	69.27	17.27
23 21 13 23-1228	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	145.31	22.09
23 21 13 23-1229	Screwed Carbon Steel Laterals (23 21 13 23-1025)			
23 21 13 23-1230	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	90.41	17.27
23 21 13 23-1231	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	108.42	20.00
23 21 13 23-1232	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	132.37	23.57
23 21 13 23-1233	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	171.31	33.45
23 21 13 23-1234	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	213.63	41.55
23 21 13 23-1235	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	112.27	17.27
23 21 13 23-1236	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	140.94	20.00
23 21 13 23-1237	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	167.14	23.57
23 21 13 23-1238	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	235.23	33.45
23 21 13 23-1239	Grooved-Joint Pipe (23 21 13 23)			
Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.				
23 21 13 23-1240	Schedule 10 Black Grooved Pipe (23 21 13 23-1239)			
23 21 13 23-1241	LF	2" Black Schedule 10 Grooved Pipe.....	18.48	9.88
23 21 13 23-1242	LF	2-1/2" Black Schedule 10 Grooved Pipe.....	25.12	13.53
23 21 13 23-1243	LF	3" Black Schedule 10 Grooved Pipe.....	28.07	15.01
23 21 13 23-1244	LF	3-1/2" Black Schedule 10 Grooved Pipe.....	30.47	15.56
23 21 13 23-1245	LF	4" Black Schedule 10 Grooved Pipe.....	32.58	16.89
23 21 13 23-1246	LF	5" Black Schedule 10 Grooved Pipe.....	43.79	20.69
23 21 13 23-1247	LF	6" Black Schedule 10 Grooved Pipe.....	58.38	29.40
23 21 13 23-1248	LF	8" Black Schedule 10 Grooved Pipe.....	74.71	32.99
23 21 13 23-1249	LF	10" Black Schedule 10 Grooved Pipe.....	92.56	39.76
23 21 13 23-1250	LF	12" Black Schedule 10 Grooved Pipe.....	106.22	45.04
23 21 13 23-1251	Schedule 40 Black Grooved Pipe (23 21 13 23-1239)			
23 21 13 23-1252	LF	3/4" Black Schedule 40 Grooved Pipe.....	11.12	5.99
23 21 13 23-1253	LF	1" Black Schedule 40 Grooved Pipe.....	12.56	6.77
23 21 13 23-1254	LF	1-1/4" Black Schedule 40 Grooved Pipe.....	14.04	7.31
23 21 13 23-1255	LF	1-1/2" Black Schedule 40 Grooved Pipe.....	15.98	8.33
23 21 13 23-1256	LF	2" Black Schedule 40 Grooved Pipe.....	20.22	10.58
23 21 13 23-1257	LF	2-1/2" Black Schedule 40 Grooved Pipe.....	27.96	14.47
23 21 13 23-1258	LF	3" Black Schedule 40 Grooved Pipe.....	32.60	16.49
23 21 13 23-1259	LF	4" Black Schedule 40 Grooved Pipe.....	38.65	18.36
23 21 13 23-1260	LF	5" Black Schedule 40 Grooved Pipe.....	51.14	22.33
23 21 13 23-1261	LF	6" Black Schedule 40 Grooved Pipe.....	70.30	32.21
23 21 13 23-1262	LF	8" Black Schedule 40 Grooved Pipe.....	88.97	36.49
23 21 13 23-1263	LF	10" Black Schedule 40 Grooved Pipe.....	117.89	43.57
23 21 13 23-1264	LF	12" Black Schedule 40 Grooved Pipe.....	137.97	50.03
23 21 13 23-1265	LF	14" Black Schedule 40 Grooved Pipe.....	183.16	67.61
23 21 13 23-1266	LF	16" Black Schedule 40 Grooved Pipe.....	213.26	79.51
23 21 13 23-1267	LF	18" Black Schedule 40 Grooved Pipe.....	263.25	96.55
23 21 13 23-1268	LF	20" Black Schedule 40 Grooved Pipe.....	304.46	112.58
23 21 13 23-1269	LF	24" Black Schedule 40 Grooved Pipe.....	389.55	135.14
23 21 13 23-1270	Schedule 80 Black Grooved Pipe (23 21 13 23-1239)			
23 21 13 23-1271	LF	3/4" Black Schedule 80 Grooved Pipe.....	12.18	6.54
23 21 13 23-1272	LF	1" Black Schedule 80 Grooved Pipe.....	13.32	6.93
23 21 13 23-1273	LF	1-1/4" Black Schedule 80 Grooved Pipe.....	15.32	7.70
23 21 13 23-1274	LF	1-1/2" Black Schedule 80 Grooved Pipe.....	17.35	8.64
23 21 13 23-1275	LF	2" Black Schedule 80 Grooved Pipe.....	22.42	11.13
23 21 13 23-1276	LF	2-1/2" Black Schedule 80 Grooved Pipe.....	31.29	15.33
23 21 13 23-1277	LF	3" Black Schedule 80 Grooved Pipe.....	36.59	17.19
23 21 13 23-1278	LF	4" Black Schedule 80 Grooved Pipe.....	43.97	18.75
23 21 13 23-1279	LF	5" Black Schedule 80 Grooved Pipe.....	63.59	23.57
23 21 13 23-1280	LF	6" Black Schedule 80 Grooved Pipe.....	84.92	33.76
23 21 13 23-1281	LF	8" Black Schedule 80 Grooved Pipe.....	118.69	38.59
23 21 13 23-1282	LF	10" Black Schedule 80 Grooved Pipe.....	146.70	46.60

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1283	LF 12" Black Schedule 80 Grooved Pipe.....	159.59	56.33
23 21	13 23-1284	Schedule 40 Galvanized Grooved Pipe (23 21 13 23-1239)		
	23 21 13 23-1285	LF 3/4" Galvanized Schedule 40 Grooved Pipe.....	11.76	5.99
	23 21 13 23-1286	LF 1" Galvanized Schedule 40 Grooved Pipe.....	13.53	6.77
	23 21 13 23-1287	LF 1-1/4" Galvanized Schedule 40 Grooved Pipe.....	14.97	7.31
	23 21 13 23-1288	LF 1-1/2" Galvanized Schedule 40 Grooved Pipe.....	17.05	8.33
	23 21 13 23-1289	LF 2" Galvanized Schedule 40 Grooved Pipe.....	21.59	10.58
	23 21 13 23-1290	LF 2-1/2" Galvanized Schedule 40 Grooved Pipe.....	30.05	14.47
	23 21 13 23-1291	LF 3" Galvanized Schedule 40 Grooved Pipe.....	35.32	16.49
	23 21 13 23-1292	LF 4" Galvanized Schedule 40 Grooved Pipe.....	42.49	18.36
	23 21 13 23-1293	LF 5" Galvanized Schedule 40 Grooved Pipe.....	57.84	22.33
	23 21 13 23-1294	LF 6" Galvanized Schedule 40 Grooved Pipe.....	79.12	32.21
	23 21 13 23-1295	LF 8" Galvanized Schedule 40 Grooved Pipe.....	101.73	36.49
	23 21 13 23-1296	LF 10" Galvanized Schedule 40 Grooved Pipe.....	139.16	43.57
	23 21 13 23-1297	LF 12" Galvanized Schedule 40 Grooved Pipe.....	163.61	50.03
23 21	13 23-1298	Schedule 80 Galvanized Grooved Pipe (23 21 13 23-1239)		
	23 21 13 23-1299	LF 3/4" Galvanized Schedule 80 Grooved Pipe.....	12.69	6.54
	23 21 13 23-1300	LF 1" Galvanized Schedule 80 Grooved Pipe.....	15.70	6.93
	23 21 13 23-1301	LF 1-1/4" Galvanized Schedule 80 Grooved Pipe.....	16.25	7.70
	23 21 13 23-1302	LF 1-1/2" Galvanized Schedule 80 Grooved Pipe.....	20.78	9.18
	23 21 13 23-1303	LF 2" Galvanized Schedule 80 Grooved Pipe.....	23.90	11.13
	23 21 13 23-1304	LF 2-1/2" Galvanized Schedule 80 Grooved Pipe.....	33.56	15.33
	23 21 13 23-1305	LF 3" Galvanized Schedule 80 Grooved Pipe.....	39.72	17.19
	23 21 13 23-1306	LF 4" Galvanized Schedule 80 Grooved Pipe.....	48.46	18.75
	23 21 13 23-1307	LF 5" Galvanized Schedule 80 Grooved Pipe.....	70.45	23.57
	23 21 13 23-1308	LF 6" Galvanized Schedule 80 Grooved Pipe.....	93.02	33.76
	23 21 13 23-1309	LF 8" Galvanized Schedule 80 Grooved Pipe.....	132.69	38.59
	23 21 13 23-1310	LF 10" Galvanized Schedule 80 Grooved Pipe.....	158.27	46.60
	23 21 13 23-1311	LF 12" Galvanized Schedule 80 Grooved Pipe.....	176.48	56.33
23 21	13 23-1312	Painted Grooved-Joint Pipe Fittings (23 21 13 23)		
		Note: Couplings are not included with fittings.		
23 21	13 23-1313	Grooved Elbows (23 21 13 23-1312)		
23 21	13 23-1314	90 Degree Grooved Elbows (23 21 13 23-1313)		
		Note: Victaulic No. 10		
	23 21 13 23-1315	EA 3/4" 90 Degree Elbow, Ductile Iron, Grooved.....	43.81	8.48
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1316	EA 1" 90 Degree Elbow, Ductile Iron, Grooved.....	43.81	8.48
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1317	EA 1-1/4" 90 Degree Elbow, Ductile Iron, Grooved.....	46.99	10.58
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1318	EA 1-1/2" 90 degree Elbow, Ductile Iron, Grooved.....	50.36	12.84
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1319	EA 2" 90 Degree Elbow, Ductile Iron, Grooved.....	56.53	16.96
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1320	EA 2-1/2" 90 Degree Elbow, Ductile Iron, Grooved.....	62.08	20.69
		For Galvanized Fittings, Add	10.26	
	23 21 13 23-1321	EA 3" 90 Degree Elbow, Ductile Iron, Grooved.....	92.78	25.05
		For Galvanized Fittings, Add	18.23	
	23 21 13 23-1322	EA 4" 90 Degree Elbow, Ductile Iron, Grooved.....	109.72	33.07
		For Galvanized Fittings, Add	19.86	
	23 21 13 23-1323	EA 5" 90 Degree Elbow, Ductile Iron, Grooved.....	208.41	41.32
		For Galvanized Fittings, Add	48.34	
	23 21 13 23-1324	EA 6" 90 Degree Elbow, Ductile Iron, Grooved.....	251.26	54.08
		For Galvanized Fittings, Add	56.17	
	23 21 13 23-1325	EA 8" 90 Degree Elbow, Ductile Iron, Grooved.....	454.73	64.35
		For Galvanized Fittings, Add	118.22	
	23 21 13 23-1326	EA 10" 90 Degree Elbow, Ductile Iron, Grooved.....	670.71	75.08
		For Galvanized Fittings, Add	184.19	
	23 21 13 23-1327	EA 12" 90 Degree Elbow, Ductile Iron, Grooved.....	1,029.71	90.10
		For Galvanized Fittings, Add	295.23	
	23 21 13 23-1328	EA 14" 90 Degree Elbow, Steel, Grooved.....	2,013.00	101.69
		For Galvanized Fittings, Add	613.97	
	23 21 13 23-1329	EA 16" 90 Degree Elbow, Steel, Grooved.....	2,603.32	112.58
		For Galvanized Fittings, Add	803.39	
	23 21 13 23-1330	EA 18" 90 Degree Elbow, Steel, Grooved.....	3,272.03	123.00
		For Galvanized Fittings, Add	1,018.92	
	23 21 13 23-1331	EA 20" 90 Degree Elbow, Steel, Grooved.....	4,249.31	127.91
		For Galvanized Fittings, Add	1,338.97	
	23 21 13 23-1332	EA 24" 90 Degree Elbow, Steel, Grooved.....	6,065.52	151.25
		For Galvanized Fittings, Add	1,926.81	
23 21	13 23-1333	45 Degree Grooved Elbows (23 21 13 23-1313)		
		Note: Victaulic No. 11		
	23 21 13 23-1334	EA 3/4" 45 Degree Elbow, Ductile Iron, Grooved.....	43.79	8.48
		For Galvanized Fittings, Add	7.46	
	23 21 13 23-1335	EA 1" 45 Degree Elbow, Ductile Iron, Grooved.....	43.79	8.48
		For Galvanized Fittings, Add	7.46	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1336	EA 1-1/4" 45 Degree Elbow, Ductile Iron, Grooved	46.97	10.58
	<i>For Galvanized Fittings, Add</i>	7.46	
23 21 13 23-1337	EA 1-1/2" 45 degree Elbow, Ductile Iron, Grooved	50.34	12.84
	<i>For Galvanized Fittings, Add</i>	7.46	
23 21 13 23-1338	EA 2" 45 Degree Elbow, Ductile Iron, Grooved	56.51	16.96
	<i>For Galvanized Fittings, Add</i>	7.46	
23 21 13 23-1339	EA 2-1/2" 45 Degree Elbow, Ductile Iron, Grooved	62.06	20.69
	<i>For Galvanized Fittings, Add</i>	7.46	
23 21 13 23-1340	EA 3" 45 Degree Elbow, Ductile Iron, Grooved	92.76	25.05
	<i>For Galvanized Fittings, Add</i>	13.25	
23 21 13 23-1341	EA 4" 45 Degree Elbow, Ductile Iron, Grooved	109.72	33.07
	<i>For Galvanized Fittings, Add</i>	14.44	
23 21 13 23-1342	EA 5" 45 Degree Elbow, Ductile Iron, Grooved	208.41	41.32
	<i>For Galvanized Fittings, Add</i>	35.15	
23 21 13 23-1343	EA 6" 45 Degree Elbow, Ductile Iron, Grooved	251.26	54.08
	<i>For Galvanized Fittings, Add</i>	40.85	
23 21 13 23-1344	EA 8" 45 Degree Elbow, Ductile Iron, Grooved	454.73	64.35
	<i>For Galvanized Fittings, Add</i>	85.98	
23 21 13 23-1345	EA 10" 45 Degree Elbow, Ductile Iron, Grooved	670.71	75.08
	<i>For Galvanized Fittings, Add</i>	133.96	
23 21 13 23-1346	EA 12" 45 Degree Elbow, Ductile Iron, Grooved	1,029.71	90.10
	<i>For Galvanized Fittings, Add</i>	214.71	
23 21 13 23-1347	EA 14" 45 Degree Elbow, Steel, Grooved	2,013.00	101.69
	<i>For Galvanized Fittings, Add</i>	446.52	
23 21 13 23-1348	EA 16" 45 Degree Elbow, Steel, Grooved	2,603.32	112.58
	<i>For Galvanized Fittings, Add</i>	584.28	
23 21 13 23-1349	EA 18" 45 Degree Elbow, Steel, Grooved	3,272.03	123.00
	<i>For Galvanized Fittings, Add</i>	741.04	
23 21 13 23-1350	EA 20" 45 Degree Elbow, Steel, Grooved	4,249.65	128.14
	<i>For Galvanized Fittings, Add</i>	973.80	
23 21 13 23-1351	EA 24" 45 Degree Elbow, Steel, Grooved	6,065.52	151.25
	<i>For Galvanized Fittings, Add</i>	1,401.32	
23 21 13 23-1352	22-1/2 Degree Grooved Elbows <small>(23 21 13 23-1313)</small>		
	Note: Victaulic No. 12		
23 21 13 23-1353	EA 1" 22-1/2 Degree Elbow, Ductile Iron, Grooved	45.83	8.48
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1354	EA 1-1/4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	49.01	10.58
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1355	EA 1-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	52.38	12.84
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1356	EA 2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	58.55	16.96
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1357	EA 2-1/2" 22-1/2 Degree Elbow, Ductile Iron, Grooved	64.10	20.69
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1358	EA 3" 22-1/2 Degree Elbow, Ductile Iron, Grooved	85.98	25.05
	<i>For Galvanized Fittings, Add</i>	11.63	
23 21 13 23-1359	EA 4" 22-1/2 Degree Elbow, Ductile Iron, Grooved	114.51	33.07
	<i>For Galvanized Fittings, Add</i>	15.59	
23 21 13 23-1360	EA 5" 22-1/2 Degree Elbow, Steel, Grooved	263.38	41.32
	<i>For Galvanized Fittings, Add</i>	48.35	
23 21 13 23-1361	EA 6" 22-1/2 Degree Elbow, Ductile Iron, Grooved	265.06	54.08
	<i>For Galvanized Fittings, Add</i>	44.16	
23 21 13 23-1362	EA 8" 22-1/2 Degree Elbow, Ductile Iron, Grooved	481.51	64.35
	<i>For Galvanized Fittings, Add</i>	92.41	
23 21 13 23-1363	EA 10" 22-1/2 Degree Elbow, Steel, Grooved	641.16	75.08
	<i>For Galvanized Fittings, Add</i>	126.86	
23 21 13 23-1364	EA 12" 22-1/2 Degree Elbow, Steel, Grooved	849.70	90.10
	<i>For Galvanized Fittings, Add</i>	171.51	
23 21 13 23-1365	EA 14" 22-1/2 Degree Elbow, Steel, Grooved	977.89	101.69
	<i>For Galvanized Fittings, Add</i>	198.10	
23 21 13 23-1366	EA 16" 22-1/2 Degree Elbow, Steel, Grooved	1,158.78	112.58
	<i>For Galvanized Fittings, Add</i>	237.59	
23 21 13 23-1367	EA 18" 22-1/2 Degree Elbow, Steel, Grooved	1,383.29	123.00
	<i>For Galvanized Fittings, Add</i>	287.74	
23 21 13 23-1368	EA 20" 22-1/2 Degree Elbow, Steel, Grooved	1,609.25	127.91
	<i>For Galvanized Fittings, Add</i>	340.18	
23 21 13 23-1369	EA 24" 22-1/2 Degree Elbow, Steel, Grooved	2,131.41	151.25
	<i>For Galvanized Fittings, Add</i>	457.13	
23 21 13 23-1370	11-1/4 Degree Grooved Elbows <small>(23 21 13 23-1313)</small>		
	Note: Victaulic No. 13		
23 21 13 23-1371	EA 1" 11-1/4 Degree Elbow, Ductile Iron, Grooved	45.83	8.48
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1372	EA 1-1/4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	49.01	10.58
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1373	EA 1-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	52.38	12.84
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1374	EA 2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	58.55	16.96
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1375	EA 2-1/2" 11-1/4 Degree Elbow, Ductile Iron, Grooved	64.10	20.69
	<i>For Galvanized Fittings, Add</i>	7.95	
23 21 13 23-1376	EA 3" 11-1/4 Degree Elbow, Ductile Iron, Grooved	85.98	25.05
	<i>For Galvanized Fittings, Add</i>	11.63	
23 21 13 23-1377	EA 4" 11-1/4 Degree Elbow, Ductile Iron, Grooved	114.50	33.07
	<i>For Galvanized Fittings, Add</i>	15.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1378	EA	5" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	263.37 48.34	41.32
23 21	13 23-1379	EA	6" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	265.05 44.16	54.08
23 21	13 23-1380	EA	8" 11-1/4 Degree Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	481.48 92.40	64.35
23 21	13 23-1381	EA	10" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	641.13 126.86	75.08
23 21	13 23-1382	EA	12" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	849.66 171.50	90.10
23 21	13 23-1383	EA	14" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	977.86 198.08	101.69
23 21	13 23-1384	EA	16" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,158.75 237.58	112.66
23 21	13 23-1385	EA	18" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,383.20 287.72	123.00
23 21	13 23-1386	EA	20" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,609.17 340.16	127.91
23 21	13 23-1387	EA	24" 11-1/4 Degree Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,131.31 457.11	151.25
23 21 13 23-1388 90 Degree Grooved Long Radius Elbows (23 21 13 23-1313)					
Note: Victaulic No. 100					
23 21	13 23-1389	EA	2" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	96.52 17.06	16.96
23 21	13 23-1390	EA	2-1/2" 90 Degree Long Radius Elbow, Steel, Grooved <i>For Galvanized Fittings, Add</i>	237.27 49.51	20.69
23 21	13 23-1391	EA	3" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	108.63 17.06	25.05
23 21	13 23-1392	EA	4" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	156.05 25.56	33.07
23 21	13 23-1393	EA	5" 90 Degree Long Radius Elbow, Steel Grooved <i>For Galvanized Fittings, Add</i>	607.80 131.01	41.32
23 21	13 23-1394	EA	6" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	392.59 74.77	54.08
23 21	13 23-1395	EA	8" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	843.77 179.35	64.35
23 21	13 23-1396	EA	10" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,662.01 371.87	75.08
23 21	13 23-1397	EA	12" 90 Degree Long Radius Elbow, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,982.80 443.45	90.10
23 21 13 23-1398 Grooved Tees, Wyes And Crosses (23 21 13 23-1312)					
23 21 13 23-1399 Grooved Tees (23 21 13 23-1396)					
Note: Victaulic No. 20					
23 21	13 23-1400	EA	3/4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	64.25 14.26	11.13
23 21	13 23-1401	EA	1" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	66.78 14.26	12.84
23 21	13 23-1402	EA	1-1/4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	71.06 14.26	15.72
23 21	13 23-1403	EA	1-1/2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	76.41 14.26	19.29
23 21	13 23-1404	EA	2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	84.91 14.26	24.97
23 21	13 23-1405	EA	2-1/2" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	93.41 14.26	30.57
23 21	13 23-1406	EA	3" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	122.87 19.97	37.58
23 21	13 23-1407	EA	4" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	174.99 30.63	48.63
23 21	13 23-1408	EA	5" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	334.85 71.87	63.56
23 21	13 23-1409	EA	6" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	396.04 83.06	79.51
23 21	13 23-1410	EA	8" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	749.51 181.43	96.55
23 21	13 23-1411	EA	10" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,248.80 323.99	112.58
23 21	13 23-1412	EA	12" Tee, Ductile Iron, Grooved <i>For Galvanized Fittings, Add</i>	1,714.55 453.58	135.14
23 21	13 23-1413	EA	14" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,874.51 494.82	150.16
23 21	13 23-1414	EA	16" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,327.41 630.30	151.02
23 21	13 23-1415	EA	18" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,880.88 789.35	166.58
23 21	13 23-1416	EA	20" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,023.70 1,131.01	169.22
23 21	13 23-1417	EA	24" Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,104.21 1,737.75	207.88
23 21 13 23-1418 Grooved Wyes (90 Degree True Wye) (23 21 13 23-1398)					
Note: Victaulic No. 33					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1419	EA	1" Wye, Steel, Grooved	219.75	12.84
		<i>For Galvanized Fittings, Add</i>	32.08	
23 21 13 23-1420	EA	1-1/4" Wye, Steel, Grooved	224.03	15.72
		<i>For Galvanized Fittings, Add</i>	32.08	
23 21 13 23-1421	EA	1-1/2" Wye, Steel, Grooved	229.38	19.29
		<i>For Galvanized Fittings, Add</i>	32.08	
23 21 13 23-1422	EA	2" Wye, Steel, Grooved	237.88	24.97
		<i>For Galvanized Fittings, Add</i>	32.08	
23 21 13 23-1423	EA	2-1/2" Wye, Steel, Grooved	246.38	30.57
		<i>For Galvanized Fittings, Add</i>	32.08	
23 21 13 23-1424	EA	3" Wye, Steel, Grooved	295.97	37.58
		<i>For Galvanized Fittings, Add</i>	38.35	
23 21 13 23-1425	EA	4" Wye, Steel, Grooved	386.79	48.63
		<i>For Galvanized Fittings, Add</i>	50.23	
23 21 13 23-1426	EA	5" Wye, Steel, Grooved	545.24	63.56
		<i>For Galvanized Fittings, Add</i>	71.99	
23 21 13 23-1427	EA	6" Wye, Steel, Grooved	675.89	79.51
		<i>For Galvanized Fittings, Add</i>	89.07	
23 21 13 23-1428	EA	8" Wye, Steel, Grooved	946.54	96.55
		<i>For Galvanized Fittings, Add</i>	128.29	
23 21 13 23-1429	EA	10" Wye, Steel, Grooved	1,552.76	112.58
		<i>For Galvanized Fittings, Add</i>	221.43	
23 21 13 23-1430	EA	12" Wye, Steel, Grooved	1,731.52	135.14
		<i>For Galvanized Fittings, Add</i>	244.63	
23 21 13 23-1431	EA	14" Wye, Steel, Grooved	1,970.96	150.16
		<i>For Galvanized Fittings, Add</i>	279.33	
23 21 13 23-1432	EA	16" Wye, Steel, Grooved	2,493.80	150.86
		<i>For Galvanized Fittings, Add</i>	362.82	
23 21 13 23-1433	EA	18" Wye, Steel, Grooved	2,843.90	166.73
		<i>For Galvanized Fittings, Add</i>	415.02	
23 21 13 23-1434	EA	20" Wye, Steel, Grooved	4,015.29	168.91
		<i>For Galvanized Fittings, Add</i>	601.92	
23 21 13 23-1435	EA	24" Wye, Steel, Grooved	6,160.60	207.88
		<i>For Galvanized Fittings, Add</i>	935.82	
23 21 13 23-1436		Grooved Crosses (23 21 13 23-1398)		
		Note: Victaulic No. 35		
23 21 13 23-1437	EA	3/4" Cross, Steel, Grooved	154.89	16.73
		<i>For Galvanized Fittings, Add</i>	19.47	
23 21 13 23-1438	EA	1" Cross, Steel, Grooved	158.69	19.29
		<i>For Galvanized Fittings, Add</i>	19.47	
23 21 13 23-1439	EA	1-1/4" Cross, Steel, Grooved	191.99	23.57
		<i>For Galvanized Fittings, Add</i>	23.50	
23 21 13 23-1440	EA	1-1/2" Cross, Steel, Grooved	212.15	28.94
		<i>For Galvanized Fittings, Add</i>	25.32	
23 21 13 23-1441	EA	2" Cross, Steel, Grooved	151.49	37.42
		<i>For Galvanized Fittings, Add</i>	14.31	
23 21 13 23-1442	EA	2-1/2" Cross, Steel, Grooved	164.23	45.90
		<i>For Galvanized Fittings, Add</i>	14.31	
23 21 13 23-1443	EA	3" Cross, Steel, Grooved	255.90	56.33
		<i>For Galvanized Fittings, Add</i>	25.71	
23 21 13 23-1444	EA	4" Cross, Steel, Grooved	394.69	72.90
		<i>For Galvanized Fittings, Add</i>	42.81	
23 21 13 23-1445	EA	5" Cross, Steel, Grooved	725.93	95.31
		<i>For Galvanized Fittings, Add</i>	87.45	
23 21 13 23-1446	EA	6" Cross, Steel, Grooved	928.85	119.27
		<i>For Galvanized Fittings, Add</i>	112.51	
23 21 13 23-1447	EA	8" Cross, Steel, Grooved	1,204.93	144.79
		<i>For Galvanized Fittings, Add</i>	148.18	
23 21 13 23-1448	EA	10" Cross, Steel, Grooved	1,938.10	168.91
		<i>For Galvanized Fittings, Add</i>	252.73	
23 21 13 23-1449	EA	12" Cross, Steel, Grooved	2,735.27	202.75
		<i>For Galvanized Fittings, Add</i>	364.70	
23 21 13 23-1450	EA	14" Cross, Steel, Grooved	2,856.70	225.23
		<i>For Galvanized Fittings, Add</i>	377.85	
23 21 13 23-1451	EA	16" Cross, Steel, Grooved	3,634.90	226.56
		<i>For Galvanized Fittings, Add</i>	494.29	
23 21 13 23-1452	EA	18" Cross, Steel, Grooved	4,413.78	249.83
		<i>For Galvanized Fittings, Add</i>	605.88	
23 21 13 23-1453	EA	20" Cross, Steel, Grooved	6,102.86	253.71
		<i>For Galvanized Fittings, Add</i>	858.37	
23 21 13 23-1454	EA	24" Cross, Steel, Grooved	9,301.75	311.84
		<i>For Galvanized Fittings, Add</i>	1,325.13	
23 21 13 23-1455		Grooved Reducing Tees (23 21 13 23-1398)		
		Note: Victaulic No. 25		
23 21 13 23-1456	EA	1" Reducing Tee, Steel, Grooved	110.95	12.84
		<i>For Galvanized Fittings, Add</i>	18.34	
23 21 13 23-1457	EA	1-1/4" Reducing Tee, Steel, Grooved	118.11	15.72
		<i>For Galvanized Fittings, Add</i>	18.91	
23 21 13 23-1458	EA	1-1/2" Reducing Tee, Steel, Grooved	125.81	19.29
		<i>For Galvanized Fittings, Add</i>	19.38	
23 21 13 23-1459	EA	2" Reducing Tee, Steel, Grooved	150.86	24.97
		<i>For Galvanized Fittings, Add</i>	22.69	
23 21 13 23-1460	EA	2-1/2" Reducing Tee, Steel, Grooved	171.03	30.57
		<i>For Galvanized Fittings, Add</i>	25.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1461	EA	3" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	193.29 27.40	37.58
23 21	13 23-1462	EA	4" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	257.61 36.95	48.63
23 21	13 23-1463	EA	5" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	339.23 48.79	63.56
23 21	13 23-1464	EA	6" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	462.32 68.63	79.51
23 21	13 23-1465	EA	8" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	710.92 113.24	96.55
23 21	13 23-1466	EA	10" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,003.52 166.94	112.58
23 21	13 23-1467	EA	12" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,433.89 246.26	135.14
23 21	13 23-1468	EA	14" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,623.59 279.69	150.16
23 21	13 23-1469	EA	16" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,043.01 363.32	151.02
23 21	13 23-1470	EA	18" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,473.64 444.79	166.58
23 21	13 23-1471	EA	20" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,434.25 636.13	169.14
23 21	13 23-1472	EA	24" Reducing Tee, Steel, Grooved <i>For Galvanized Fittings, Add</i>	5,435.08 1,024.68	207.88
23 21 13 23-1473 Grooved 45 Degree Lateral Wyes (23 21 13 23-1398)					
Note: Victaulic No. 30					
23 21	13 23-1474	EA	3/4" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	206.60 34.18	11.13
23 21	13 23-1475	EA	1" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	209.13 34.18	12.84
23 21	13 23-1476	EA	1-1/4" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	213.41 34.18	15.72
23 21	13 23-1477	EA	1-1/2" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	218.76 34.18	19.29
23 21	13 23-1478	EA	2" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	227.26 34.18	24.97
23 21	13 23-1479	EA	2-1/2" Wye, 45 Degree Lateral, Steel, Grooved <i>For Galvanized Fittings, Add</i>	235.76 34.18	30.57
23 21	13 23-1480	EA	3" Wye, 45 Degree Lateral, Steel, Grooved <i>For Galvanized Fittings, Add</i>	220.34 29.53	37.58
23 21	13 23-1481	EA	3-1/2" Wye, 45 Degree Lateral, Steel, Grooved <i>For Galvanized Fittings, Add</i>	342.82 50.02	43.33
23 21	13 23-1482	EA	4" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	396.37 58.23	48.63
23 21	13 23-1483	EA	5" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	568.07 85.10	63.56
23 21	13 23-1484	EA	6" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	880.89 137.11	79.51
23 21	13 23-1485	EA	8" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,241.87 197.49	96.55
23 21	13 23-1486	EA	10" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,717.43 278.75	112.58
23 21	13 23-1487	EA	12" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,074.93 337.02	135.14
23 21	13 23-1488	EA	14" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,957.89 491.90	150.16
23 21	13 23-1489	EA	16" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	3,640.40 614.51	151.02
23 21	13 23-1490	EA	18" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	4,066.08 686.95	166.58
23 21	13 23-1491	EA	20" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	6,042.43 1,041.99	169.14
23 21	13 23-1492	EA	24" 45 Degree Lateral Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	9,307.13 1,619.18	207.88
23 21 13 23-1493 Grooved 45 Degree Lateral Reducing Wyes (23 21 13 23-1398)					
Note: Victaulic No. 30R					
23 21	13 23-1494	EA	3" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	220.34 21.32	37.58
23 21	13 23-1495	EA	4" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	396.37 42.05	48.63
23 21	13 23-1496	EA	5" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	568.07 61.46	63.56
23 21	13 23-1497	EA	6" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	729.99 79.41	79.51
23 21	13 23-1498	EA	8" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,026.50 114.63	96.55
23 21	13 23-1499	EA	10" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,248.76 140.39	112.58
23 21	13 23-1500	EA	12" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,514.98 170.61	135.14
23 21	13 23-1501	EA	14" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	1,695.30 191.12	150.16
23 21	13 23-1502	EA	16" 45 Degree Lateral Reducing Wye, Steel, Grooved <i>For Galvanized Fittings, Add</i>	2,126.77 247.04	151.02

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



		MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION			UNIT COST	UNIT COST
23 21	13 23-1503	EA 18" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>			3,167.66 379.34	166.58
23 21	13 23-1504	EA 20" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>			4,524.74 555.25	169.14
23 21	13 23-1505	EA 24" 45 Degree Lateral Reducing Wye, Steel, Grooved..... <i>For Galvanized Fittings, Add</i>			7,226.86 898.97	207.88
23 21 13 23-1506 Mechanical-T Outlet <small>(23 21 13 23-1398)</small>						
Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.						
23 21	13 23-1507	EA 2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>			87.60 7.83	28.00
23 21	13 23-1508	EA 2" x 1" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>			87.60 7.83	28.00
23 21	13 23-1509	EA 2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>			92.52 9.05	28.00
23 21	13 23-1510	EA 2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....			92.52	28.00
23 21	13 23-1511	EA 2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....			94.60	31.51
23 21	13 23-1512	EA 2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....			94.60	31.51
23 21	13 23-1513	EA 2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....			107.61	31.51
23 21	13 23-1514	EA 3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....			106.39	35.01
23 21	13 23-1515	EA 3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....			106.39	35.01
23 21	13 23-1516	EA 3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....			116.87	35.01
23 21	13 23-1517	EA 3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....			116.87	35.01
23 21	13 23-1518	EA 3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....			124.04	35.01
23 21	13 23-1519	EA 4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....			139.72	46.68
23 21	13 23-1520	EA 4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....			139.72	46.68
23 21	13 23-1521	EA 4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....			147.90	46.68
23 21	13 23-1522	EA 4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			150.20	46.68
23 21	13 23-1523	EA 4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			150.20	46.68
23 21	13 23-1524	EA 4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			152.49	46.68
23 21	13 23-1525	EA 4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			156.89	46.68
23 21	13 23-1526	EA 5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			198.17	64.19
23 21	13 23-1527	EA 5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			198.17	64.19
23 21	13 23-1528	EA 5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			202.14	64.19
23 21	13 23-1529	EA 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			207.12	64.19
23 21	13 23-1530	EA 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			234.81	81.69
23 21	13 23-1531	EA 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			234.81	81.69
23 21	13 23-1532	EA 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			240.64	81.69
23 21	13 23-1533	EA 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			245.57	81.69
23 21	13 23-1534	EA 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			254.33	81.69
23 21	13 23-1535	EA 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			342.69	108.14
23 21	13 23-1536	EA 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			342.69	108.14
23 21	13 23-1537	EA 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			349.72	108.14
23 21	13 23-1538	EA 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....			353.88	108.14
23 21 13 23-1539 Grooved Fittings <small>(23 21 13 23-1312)</small>						
23 21 13 23-1540 Flanged Adapter Nipple, Grooved <small>(23 21 13 23-1539)</small>						
Note: Victaulic No. 41 and 45						
23 21	13 23-1541	EA 1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			147.63 24.05 20.04	9.33
23 21	13 23-1542	EA 1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			149.18 24.05 20.04	10.35
23 21	13 23-1543	EA 1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			153.08 24.05 20.04	12.99
23 21	13 23-1544	EA 2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			161.25 24.05 20.04	18.44
23 21	13 23-1545	EA 2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			167.10 24.05 20.04	22.33
23 21	13 23-1546	EA 3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			210.95 30.78 25.65	26.69
23 21	13 23-1547	EA 4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			257.77 36.70 30.59	35.95
23 21	13 23-1548	EA 5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			356.57 52.45 43.71	43.49
23 21	13 23-1549	EA 6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			420.53 59.84 49.87	58.74
23 21	13 23-1550	EA 8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			578.05 82.60 68.83	79.51
23 21	13 23-1551	EA 10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			893.54 134.79 112.32	96.55
23 21	13 23-1552	EA 12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>			1,192.70 184.29 153.58	112.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1553	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	1,410.02 217.33 181.11	135.14
23 21	13 23-1554	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	2,084.55 334.70 278.91	150.16
23 21	13 23-1555	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	2,521.75 393.13 327.61	225.23
23 21	13 23-1556	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	2,681.72 409.77 341.48	270.29
23 21	13 23-1557	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 LB Rating, Add</i>	4,377.49 706.90 589.09	300.32
23 21 13 23-1558 Grooved Concentric Reducers (23 21 13 23-1539)					
Note: Victaulic No. 50					
23 21	13 23-1559	EA	1-1/4" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	156.53 6.27	9.33
23 21	13 23-1560	EA	1-1/4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	163.72 6.55	9.88
23 21	13 23-1561	EA	1-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	184.17 20.22	10.65
23 21	13 23-1562	EA	1-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	52.75 4.33	11.13
23 21	13 23-1563	EA	1-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	156.93 16.76	11.67
23 21	13 23-1564	EA	2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	55.08 4.33	12.68
23 21	13 23-1565	EA	2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	55.86 4.33	13.22
23 21	13 23-1566	EA	2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	60.25 4.76	13.78
23 21	13 23-1567	EA	2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	59.02 4.33	15.33
23 21	13 23-1568	EA	2-1/2" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	314.64 35.24	14.32
23 21	13 23-1569	EA	2-1/2" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	252.21 27.64	14.86
23 21	13 23-1570	EA	2-1/2" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	231.19 25.02	15.33
23 21	13 23-1571	EA	2-1/2" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	61.31 4.33	16.89
23 21	13 23-1572	EA	2-1/2" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	64.42 4.33	18.90
23 21	13 23-1573	EA	3" x 3/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	320.01 44.85	16.65
23 21	13 23-1574	EA	3" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	65.42 6.05	17.12
23 21	13 23-1575	EA	3" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	254.98 34.74	17.66
23 21	13 23-1576	EA	3" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	240.78 32.28	18.90
23 21	13 23-1577	EA	3" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	63.11 4.80	21.01
23 21	13 23-1578	EA	3" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	81.08 6.62	25.05
23 21	13 23-1579	EA	3-1/2" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	86.85 7.05	27.00
23 21	13 23-1580	EA	4" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	79.72 8.20	21.24
23 21	13 23-1581	EA	4" x 1-1/4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	410.75 64.84	21.78
23 21	13 23-1582	EA	4" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	323.67 49.57	23.11
23 21	13 23-1583	EA	4" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	79.81 7.22	25.21
23 21	13 23-1584	EA	4" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	93.19 9.04	27.00
23 21	13 23-1585	EA	4" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	96.30 9.04	29.10
23 21	13 23-1586	EA	4" x 3-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	99.41 9.04	31.12
23 21	13 23-1587	EA	5" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	576.03 91.25	29.33
23 21	13 23-1588	EA	5" x 2-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	459.49 70.80	31.12
23 21	13 23-1589	EA	5" x 3" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	111.52 10.58	33.22
23 21	13 23-1590	EA	5" x 4" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	129.73 12.64	37.35
23 21	13 23-1591	EA	6" x 1" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	145.49 18.29	31.67
23 21	13 23-1592	EA	6" x 1-1/2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	609.60 104.39	33.45
23 21	13 23-1593	EA	6" x 2" Concentric Reducer, Grooved..... <i>For Galvanized Fittings, Add</i>	151.32 18.29	35.56

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1594	EA	6" x 2-1/2" Concentric Reducer, Grooved	618.63	37.35
		<i>For Galvanized Fittings, Add</i>	104.98	
23 21 13 23-1595	EA	6" x 3" Concentric Reducer, Grooved	157.17	39.44
		<i>For Galvanized Fittings, Add</i>	18.29	
23 21 13 23-1596	EA	6" x 4" Concentric Reducer, Grooved	150.72	43.57
		<i>For Galvanized Fittings, Add</i>	15.93	
23 21 13 23-1597	EA	6" x 5" Concentric Reducer, Grooved	197.88	47.77
		<i>For Galvanized Fittings, Add</i>	23.57	
23 21 13 23-1598	EA	8" x 3" Concentric Reducer, Grooved	242.06	44.66
		<i>For Galvanized Fittings, Add</i>	32.68	
23 21 13 23-1599	EA	8" x 4" Concentric Reducer, Grooved	248.28	48.78
		<i>For Galvanized Fittings, Add</i>	32.68	
23 21 13 23-1600	EA	8" x 5" Concentric Reducer, Grooved	254.52	52.91
		<i>For Galvanized Fittings, Add</i>	32.68	
23 21 13 23-1601	EA	8" x 6" Concentric Reducer, Grooved	312.07	59.13
		<i>For Galvanized Fittings, Add</i>	41.68	
23 21 13 23-1602	EA	10" x 4" Concentric Reducer, Grooved	498.35	54.23
		<i>For Galvanized Fittings, Add</i>	77.82	
23 21 13 23-1603	EA	10" x 5" Concentric Reducer, Grooved	1,006.85	58.36
		<i>For Galvanized Fittings, Add</i>	171.54	
23 21 13 23-1604	EA	10" x 6" Concentric Reducer, Grooved	552.92	64.58
		<i>For Galvanized Fittings, Add</i>	85.10	
23 21 13 23-1605	EA	10" x 8" Concentric Reducer, Grooved	560.69	69.78
		<i>For Galvanized Fittings, Add</i>	85.10	
23 21 13 23-1606	EA	12" x 4" Concentric Reducer, Grooved	1,473.14	61.78
		<i>For Galvanized Fittings, Add</i>	207.09	
23 21 13 23-1607	EA	12" x 6" Concentric Reducer, Grooved	652.08	72.12
		<i>For Galvanized Fittings, Add</i>	81.59	
23 21 13 23-1608	EA	12" x 8" Concentric Reducer, Grooved	933.02	77.34
		<i>For Galvanized Fittings, Add</i>	122.57	
23 21 13 23-1609	EA	12" x 10" Concentric Reducer, Grooved	941.22	82.78
		<i>For Galvanized Fittings, Add</i>	122.57	
23 21 13 23-1610	EA	14" x 6" Concentric Reducer, Grooved	2,888.95	77.72
		<i>For Galvanized Fittings, Add</i>	85.11	
23 21 13 23-1611	EA	14" x 8" Concentric Reducer, Grooved	1,751.66	82.94
		<i>For Galvanized Fittings, Add</i>	49.96	
23 21 13 23-1612	EA	14" x 10" Concentric Reducer, Grooved	1,506.50	88.38
		<i>For Galvanized Fittings, Add</i>	42.18	
23 21 13 23-1613	EA	14" x 12" Concentric Reducer, Grooved	1,517.76	95.86
		<i>For Galvanized Fittings, Add</i>	42.18	
23 21 13 23-1614	EA	16" x 8" Concentric Reducer, Grooved	2,639.94	88.46
		<i>For Galvanized Fittings, Add</i>	76.97	
23 21 13 23-1615	EA	16" x 10" Concentric Reducer, Grooved	2,458.96	93.91
		<i>For Galvanized Fittings, Add</i>	71.17	
23 21 13 23-1616	EA	16" x 12" Concentric Reducer, Grooved	2,284.79	101.45
		<i>For Galvanized Fittings, Add</i>	65.47	
23 21 13 23-1617	EA	16" x 14" Concentric Reducer, Grooved	2,293.19	107.05
		<i>For Galvanized Fittings, Add</i>	65.47	
23 21 13 23-1618	EA	18" x 10" Concentric Reducer, Grooved	3,421.94	99.12
		<i>For Galvanized Fittings, Add</i>	100.49	
23 21 13 23-1619	EA	18" x 12" Concentric Reducer, Grooved	3,111.25	106.59
		<i>For Galvanized Fittings, Add</i>	90.61	
23 21 13 23-1620	EA	18" x 14" Concentric Reducer, Grooved	2,840.17	112.19
		<i>For Galvanized Fittings, Add</i>	82.03	
23 21 13 23-1621	EA	18" x 16" Concentric Reducer, Grooved	2,848.58	117.87
		<i>For Galvanized Fittings, Add</i>	82.03	
23 21 13 23-1622	EA	20" x 10" Concentric Reducer, Grooved	3,760.75	101.69
		<i>For Galvanized Fittings, Add</i>	110.78	
23 21 13 23-1623	EA	20" x 12" Concentric Reducer, Grooved	3,240.07	109.24
		<i>For Galvanized Fittings, Add</i>	94.44	
23 21 13 23-1624	EA	20" x 14" Concentric Reducer, Grooved	3,248.47	114.84
		<i>For Galvanized Fittings, Add</i>	94.44	
23 21 13 23-1625	EA	20" x 16" Concentric Reducer, Grooved	2,909.68	120.36
		<i>For Galvanized Fittings, Add</i>	83.79	
23 21 13 23-1626	EA	20" x 18" Concentric Reducer, Grooved	3,098.70	125.57
		<i>For Galvanized Fittings, Add</i>	89.35	
23 21 13 23-1627	EA	24" x 10" Concentric Reducer, Grooved	8,210.19	113.13
		<i>For Galvanized Fittings, Add</i>	246.85	
23 21 13 23-1628	EA	24" x 12" Concentric Reducer, Grooved	8,027.36	120.67
		<i>For Galvanized Fittings, Add</i>	240.89	
23 21 13 23-1629	EA	24" x 14" Concentric Reducer, Grooved	7,011.09	126.20
		<i>For Galvanized Fittings, Add</i>	209.43	
23 21 13 23-1630	EA	24" x 16" Concentric Reducer, Grooved	7,019.56	131.88
		<i>For Galvanized Fittings, Add</i>	209.43	
23 21 13 23-1631	EA	24" x 18" Concentric Reducer, Grooved	6,028.26	137.01
		<i>For Galvanized Fittings, Add</i>	178.76	
23 21 13 23-1632	EA	24" x 20" Concentric Reducer, Grooved	5,516.45	139.66
		<i>For Galvanized Fittings, Add</i>	162.93	

23 21 13 23-1633 Grooved Eccentric Reducers (23 21 13 23-1539)

Note: Victaulic No. 51

23 21 13 23-1634	EA	1-1/2" x 3/4" Eccentric Reducer, Grooved	189.97	10.65
		<i>For Galvanized Fittings, Add</i>	20.92	
23 21 13 23-1635	EA	1-1/2" x 1" Eccentric Reducer, Grooved	173.81	11.13
		<i>For Galvanized Fittings, Add</i>	18.88	
23 21 13 23-1636	EA	1-1/2" x 1-1/4" Eccentric Reducer, Grooved	171.16	11.67
		<i>For Galvanized Fittings, Add</i>	18.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1637	EA	2" x 3/4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	357.21 40.65	12.68
23 21	13 23-1638	EA	2" x 1" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	193.29 20.85	13.22
23 21	13 23-1639	EA	2" x 1-1/4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	210.76 22.86	13.78
23 21	13 23-1640	EA	2" x 1-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	182.18 19.13	15.33
23 21	13 23-1641	EA	2-1/2" x 3/4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	462.87 53.06	14.32
23 21	13 23-1642	EA	2-1/2" x 1" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	433.46 49.43	14.86
23 21	13 23-1643	EA	2-1/2" x 1-1/4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	261.83 28.71	15.33
23 21	13 23-1644	EA	2-1/2" x 1-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	214.54 22.75	16.89
23 21	13 23-1645	EA	2-1/2" x 2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	104.63 9.16	18.90
23 21	13 23-1646	EA	3" x 1" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	466.76 53.02	17.12
23 21	13 23-1647	EA	3" x 1-1/4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	425.76 48.00	17.66
23 21	13 23-1648	EA	3" x 1-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	247.30 26.31	18.90
23 21	13 23-1649	EA	3" x 2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	119.12 10.53	21.01
23 21	13 23-1650	EA	3" x 2-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	125.15 10.53	25.05
23 21	13 23-1651	EA	3-1/2" x 3" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	525.11 58.26	27.00
23 21	13 23-1652	EA	4" x 1" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	926.04 153.35	21.24
23 21	13 23-1653	EA	4" x 1-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	575.40 92.74	23.11
23 21	13 23-1654	EA	4" x 2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	144.86 18.37	25.21
23 21	13 23-1655	EA	4" x 2-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	147.58 18.37	27.00
23 21	13 23-1656	EA	4" x 3" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	150.69 18.37	29.10
23 21	13 23-1657	EA	5" x 2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	640.27 102.27	29.33
23 21	13 23-1658	EA	5" x 2-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	554.71 87.13	31.12
23 21	13 23-1659	EA	5" x 3" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	540.51 84.16	33.22
23 21	13 23-1660	EA	5" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	201.92 25.02	37.35
23 21	13 23-1661	EA	6" x 1" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	974.44 172.97	31.67
23 21	13 23-1662	EA	6" x 2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	898.66 157.75	35.56
23 21	13 23-1663	EA	6" x 2-1/2" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,062.66 187.84	37.35
23 21	13 23-1664	EA	6" x 3" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	253.39 36.25	39.44
23 21	13 23-1665	EA	6" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	235.37 31.73	43.57
23 21	13 23-1666	EA	6" x 5" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	275.54 38.06	47.77
23 21	13 23-1667	EA	8" x 3" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,049.12 183.28	44.66
23 21	13 23-1668	EA	8" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	931.52 160.18	48.78
23 21	13 23-1669	EA	8" x 5" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	878.57 149.13	52.91
23 21	13 23-1670	EA	8" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	433.46 64.33	59.13
23 21	13 23-1671	EA	10" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,656.50 293.93	54.23
23 21	13 23-1672	EA	10" x 5" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,571.61 276.93	58.36
23 21	13 23-1673	EA	10" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,215.99 208.83	64.58
23 21	13 23-1674	EA	10" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,051.83 176.75	69.78
23 21	13 23-1675	EA	12" x 4" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,694.27 241.70	61.78
23 21	13 23-1676	EA	12" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,603.18 225.60	72.12
23 21	13 23-1677	EA	12" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,572.72 219.83	77.34
23 21	13 23-1678	EA	12" x 10" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	1,428.98 196.90	82.78
23 21	13 23-1679	EA	14" x 6" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	3,888.83 115.81	77.72
23 21	13 23-1680	EA	14" x 8" Eccentric Reducer, Grooved <i>For Galvanized Fittings, Add</i>	2,536.07 74.04	82.94

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1681	EA	14" x 10" Eccentric Reducer, Grooved.....	2,428.29	88.38
		<i>For Galvanized Fittings, Add</i>	70.48	
23 21 13 23-1682	EA	14" x 12" Eccentric Reducer, Grooved.....	2,439.55	95.86
		<i>For Galvanized Fittings, Add</i>	70.48	
23 21 13 23-1683	EA	16" x 8" Eccentric Reducer, Grooved.....	4,298.70	88.46
		<i>For Galvanized Fittings, Add</i>	127.90	
23 21 13 23-1684	EA	16" x 10" Eccentric Reducer, Grooved.....	3,990.56	93.91
		<i>For Galvanized Fittings, Add</i>	118.19	
23 21 13 23-1685	EA	16" x 12" Eccentric Reducer, Grooved.....	3,769.43	101.45
		<i>For Galvanized Fittings, Add</i>	111.05	
23 21 13 23-1686	EA	16" x 14" Eccentric Reducer, Grooved.....	3,777.83	107.05
		<i>For Galvanized Fittings, Add</i>	111.05	
23 21 13 23-1687	EA	18" x 10" Eccentric Reducer, Grooved.....	5,384.58	99.12
		<i>For Galvanized Fittings, Add</i>	160.74	
23 21 13 23-1688	EA	18" x 12" Eccentric Reducer, Grooved.....	5,076.41	106.59
		<i>For Galvanized Fittings, Add</i>	150.94	
23 21 13 23-1689	EA	18" x 14" Eccentric Reducer, Grooved.....	4,635.21	112.19
		<i>For Galvanized Fittings, Add</i>	137.14	
23 21 13 23-1690	EA	18" x 16" Eccentric Reducer, Grooved.....	4,643.62	117.87
		<i>For Galvanized Fittings, Add</i>	137.14	
23 21 13 23-1691	EA	20" x 10" Eccentric Reducer, Grooved.....	7,052.23	101.69
		<i>For Galvanized Fittings, Add</i>	211.82	
23 21 13 23-1692	EA	20" x 12" Eccentric Reducer, Grooved.....	5,267.43	109.24
		<i>For Galvanized Fittings, Add</i>	156.68	
23 21 13 23-1693	EA	20" x 14" Eccentric Reducer, Grooved.....	4,956.76	114.84
		<i>For Galvanized Fittings, Add</i>	146.89	
23 21 13 23-1694	EA	20" x 16" Eccentric Reducer, Grooved.....	4,887.64	120.36
		<i>For Galvanized Fittings, Add</i>	144.51	
23 21 13 23-1695	EA	20" x 18" Eccentric Reducer, Grooved.....	4,715.15	125.57
		<i>For Galvanized Fittings, Add</i>	138.97	
23 21 13 23-1696	EA	24" x 12" Eccentric Reducer, Grooved.....	10,169.25	120.67
		<i>For Galvanized Fittings, Add</i>	306.64	
23 21 13 23-1697	EA	24" x 14" Eccentric Reducer, Grooved.....	8,702.11	126.20
		<i>For Galvanized Fittings, Add</i>	261.35	
23 21 13 23-1698	EA	24" x 16" Eccentric Reducer, Grooved.....	8,710.58	131.88
		<i>For Galvanized Fittings, Add</i>	261.35	
23 21 13 23-1699	EA	24" x 18" Eccentric Reducer, Grooved.....	8,235.06	137.01
		<i>For Galvanized Fittings, Add</i>	246.51	
23 21 13 23-1700	EA	24" x 20" Eccentric Reducer, Grooved.....	7,536.86	139.66
		<i>For Galvanized Fittings, Add</i>	224.95	

23 21 13 23-1701 Grooved Couplings (23 21 13 23-1312)**23 21 13 23-1702 Flexible Grooved Coupling** (23 21 13 23-1701)

Note: Victaulic Style 77

23 21 13 23-1703	EA	3/4" Standard Coupling, Grooved.....	27.59	4.20
		<i>For Galvanized Fittings, Add</i>	5.95	
23 21 13 23-1704	EA	1" Standard Coupling, Grooved.....	27.59	4.20
		<i>For Galvanized Fittings, Add</i>	5.95	
23 21 13 23-1705	EA	1-1/4" Standard Coupling, Grooved.....	36.19	5.29
		<i>For Galvanized Fittings, Add</i>	7.91	
23 21 13 23-1706	EA	1-1/2" Standard Coupling, Grooved.....	40.36	6.30
		<i>For Galvanized Fittings, Add</i>	8.64	
23 21 13 23-1707	EA	2" Standard Coupling, Grooved.....	45.33	8.48
		<i>For Galvanized Fittings, Add</i>	9.13	
23 21 13 23-1708	EA	2-1/2" Standard Coupling, Grooved.....	54.54	10.35
		<i>For Galvanized Fittings, Add</i>	10.93	
23 21 13 23-1709	EA	3" Standard Coupling, Grooved.....	57.54	12.37
		<i>For Galvanized Fittings, Add</i>	10.93	
23 21 13 23-1710	EA	3-1/2" Standard Coupling, Grooved.....	84.64	14.47
		<i>For Galvanized Fittings, Add</i>	17.61	
23 21 13 23-1711	EA	4" Standard Coupling, Grooved.....	87.69	16.49
		<i>For Galvanized Fittings, Add</i>	17.61	
23 21 13 23-1712	EA	5" Standard Coupling, Grooved.....	127.43	20.69
		<i>For Galvanized Fittings, Add</i>	27.01	
23 21 13 23-1713	EA	6" Standard Coupling, Grooved.....	154.54	27.00
		<i>For Galvanized Fittings, Add</i>	31.93	
23 21 13 23-1714	EA	8" Standard Coupling, Grooved.....	234.11	32.21
		<i>For Galvanized Fittings, Add</i>	52.04	
23 21 13 23-1715	EA	10" Standard Coupling, Grooved.....	366.78	38.59
		<i>For Galvanized Fittings, Add</i>	86.49	
23 21 13 23-1716	EA	12" Standard Coupling, Grooved.....	415.01	42.24
		<i>For Galvanized Fittings, Add</i>	98.47	
23 21 13 23-1717	EA	14" Standard Coupling, Grooved.....	511.67	56.33
		<i>For Galvanized Fittings, Add</i>	119.63	
23 21 13 23-1718	EA	16" Standard Coupling, Grooved.....	661.71	67.61
		<i>For Galvanized Fittings, Add</i>	156.91	
23 21 13 23-1719	EA	18" Standard Coupling, Grooved.....	768.88	75.08
		<i>For Galvanized Fittings, Add</i>	183.77	
23 21 13 23-1720	EA	20" Standard Coupling, Grooved.....	1,159.14	84.50
		<i>For Galvanized Fittings, Add</i>	289.10	
23 21 13 23-1721	EA	24" Standard Coupling, Grooved.....	1,288.15	103.94
		<i>For Galvanized Fittings, Add</i>	317.04	

23 21 13 23-1722 Zero-Flex® Rigid Coupling (23 21 13 23-1701)

Note: Victaulic Style 07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1723	EA	1" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	35.89 7.24	4.20
23 21	13 23-1724	EA	1-1/4" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	37.49 7.24	5.29
23 21	13 23-1725	EA	1-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	39.03 7.24	6.30
23 21	13 23-1726	EA	2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	43.00 7.42	8.48
23 21	13 23-1727	EA	2-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	50.41 8.56	10.35
23 21	13 23-1728	EA	3" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	53.41 8.56	12.37
23 21	13 23-1729	EA	3-1/2" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	62.53 10.00	14.47
23 21	13 23-1730	EA	4" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	82.60 14.17	16.49
23 21	13 23-1731	EA	5" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	106.07 18.40	20.69
23 21	13 23-1732	EA	6" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	140.90 24.59	27.00
23 21	13 23-1733	EA	8" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	206.39 38.74	32.21
23 21	13 23-1734	EA	10" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	341.25 69.42	38.59
23 21	13 23-1735	EA	12" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	380.41 77.69	42.24
23 21	13 23-1736	EA	14" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	498.69 101.50	56.33
23 21	13 23-1737	EA	16" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	641.60 132.37	67.61
23 21	13 23-1738	EA	18" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	737.16 153.03	75.08
23 21	13 23-1739	EA	20" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	870.25 182.19	84.50
23 21	13 23-1740	EA	24" Rigid Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,251.16 268.35	103.94
23 21 13 23-1741 Large Diameter Grooved Coupling (23 21 13 23-1701)					
Note: Victaulic Style 770					
23 21	13 23-1742	EA	28" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,345.32 184.01	20.69
23 21	13 23-1743	EA	30" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	1,553.73 211.85	27.00
23 21	13 23-1744	EA	32" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	2,314.38 317.26	32.21
23 21	13 23-1745	EA	36" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	3,076.93 422.67	38.59
23 21	13 23-1746	EA	42" Coupling, Grooved <i>For Galvanized Fittings, Add</i>	6,169.05 854.80	42.24
23 21 13 23-1747 Flexible Coupling (23 21 13 23-1701)					
Note: Victaulic Style 75					
23 21	13 23-1748	EA	1-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	36.34 6.87	6.30
23 21	13 23-1749	EA	2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	40.24 7.05	8.48
23 21	13 23-1750	EA	2-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	47.40 8.17	10.35
23 21	13 23-1751	EA	3" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	55.60 9.50	12.37
23 21	13 23-1752	EA	3-1/2" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	74.30 13.46	14.47
23 21	13 23-1753	EA	4" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	77.35 13.46	16.49
23 21	13 23-1754	EA	5" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	106.83 19.42	20.69
23 21	13 23-1755	EA	6" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	131.88 23.39	27.00
23 21	13 23-1756	EA	8" Flexible Coupling, Grooved <i>For Galvanized Fittings, Add</i>	191.87 36.77	32.21
23 21 13 23-1757 Grooved Strainers And Suction Diffusers (23 21 13 23-1312)					
23 21 13 23-1758 Grooved Wye Strainers (23 21 13 23-1757)					
Note: Victaulic Style 732					
23 21	13 23-1759	EA	2" Wye Strainer, Grooved	578.55	17.12
23 21	13 23-1760	EA	2-1/2" Wye Strainer, Grooved	611.98	20.77
23 21	13 23-1761	EA	3" Wye Strainer, Grooved	690.10	24.89
23 21	13 23-1762	EA	4" Wye Strainer, Grooved	788.20	33.22
23 21	13 23-1763	EA	5" Wye Strainer, Grooved	1,131.93	41.55
23 21	13 23-1764	EA	6" Wye Strainer, Grooved	1,242.65	54.00
23 21	13 23-1765	EA	8" Wye Strainer, Grooved	1,877.28	64.35
23 21	13 23-1766	EA	10" Wye Strainer, Grooved	2,975.28	75.23
23 21	13 23-1767	EA	12" Wye Strainer, Grooved	5,136.02	90.33

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 13 23-1768 Grooved Tee Type Strainers (23 21 13 23-1757)			
Note: Victaulic Style 730			
23 21 13 23-1769	EA	1-1/2" Tee Type Strainer, Grooved	446.09 12.99
23 21 13 23-1770	EA	2" Tee Type Strainer, Grooved	571.72 17.12
23 21 13 23-1771	EA	2-1/2" Tee Type Strainer, Grooved	604.88 20.77
23 21 13 23-1772	EA	3" Tee Type Strainer, Grooved	682.08 24.89
23 21 13 23-1773	EA	4" Tee Type Strainer, Grooved	779.11 33.22
23 21 13 23-1774	EA	5" Tee Type Strainer, Grooved	1,118.70 41.55
23 21 13 23-1775	EA	6" Tee Type Strainer, Grooved	1,228.38 54.00
23 21 13 23-1776	EA	8" Tee Type Strainer, Grooved	1,855.19 64.35
23 21 13 23-1777	EA	10" Tee Type Strainer, Grooved	2,695.71 75.23
23 21 13 23-1778	EA	12" Tee Type Strainer, Grooved	3,460.30 90.33
23 21 13 23-1779	EA	14" Tee Type Strainer, Grooved	12,004.76 101.69
23 21 13 23-1780	EA	16" Tee Type Strainer, Grooved	14,899.42 112.58
23 21 13 23-1781	EA	18" Tee Type Strainer, Grooved	19,559.38 123.00
23 21 13 23-1782 Grooved Suction Diffuser (23 21 13 23-1757)			
Note: Victaulic Style 731			
23 21 13 23-1783	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser.....	1,162.70 19.21
23 21 13 23-1784	EA	3" Grooved x 2" Flanged Suction Diffuser.....	1,235.23 21.24
23 21 13 23-1785	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser.....	902.71 24.89
23 21 13 23-1786	EA	3" Grooved x 3" Flanged Suction Diffuser.....	917.12 27.00
23 21 13 23-1787	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser.....	991.11 27.00
23 21 13 23-1788	EA	4" Grooved x 3" Flanged Suction Diffuser.....	1,069.23 29.10
23 21 13 23-1789	EA	4" Grooved x 4" Flanged Suction Diffuser.....	1,231.73 29.10
23 21 13 23-1790	EA	5" Grooved x 4" Flanged Suction Diffuser.....	1,380.08 37.35
23 21 13 23-1791	EA	5" Grooved x 5" Flanged Suction Diffuser.....	1,450.39 39.44
23 21 13 23-1792	EA	6" Grooved x 4" Flanged Suction Diffuser.....	1,477.08 43.57
23 21 13 23-1793	EA	6" Grooved x 5" Flanged Suction Diffuser.....	1,760.35 47.77
23 21 13 23-1794	EA	6" Grooved x 6" Flanged Suction Diffuser.....	1,829.71 50.88
23 21 13 23-1795	EA	8" Grooved x 5" Flanged Suction Diffuser.....	1,878.19 52.91
23 21 13 23-1796	EA	8" Grooved x 6" Flanged Suction Diffuser.....	1,985.55 59.13
23 21 13 23-1797	EA	8" Grooved x 8" Flanged Suction Diffuser.....	3,360.72 64.35
23 21 13 23-1798	EA	10" Grooved x 8" Flanged Suction Diffuser.....	3,787.92 69.55
23 21 13 23-1799	EA	10" Grooved x 10" Flanged Suction Diffuser.....	4,546.51 72.12
23 21 13 23-1800	EA	12" Grooved x 10" Flanged Suction Diffuser.....	5,377.78 83.02
23 21 13 23-1801	EA	12" Grooved x 12" Flanged Suction Diffuser.....	7,439.78 88.23
23 21 13 23-1802	EA	14" Grooved x 10" Flanged Suction Diffuser.....	6,933.38 88.23
23 21 13 23-1803	EA	14" Grooved x 12" Flanged Suction Diffuser.....	7,740.82 96.01
23 21 13 23-1804	EA	14" Grooved x 14" Flanged Suction Diffuser.....	9,377.73 101.69
23 21 13 23-1805	EA	16" Grooved x 14" Flanged Suction Diffuser.....	9,656.99 106.90
23 21 13 23-1806 Grooved Steel Valves (23 21 13 23-1312)			
23 21 13 23-1807 Grooved Lug Type Butterfly Valves With Standard Trim (23 21 13 23-1806)			
23 21 13 23-1808	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim.....	200.27 8.48
23 21 13 23-1809	EA	2" Butterfly Valve, Grooved, With Standard Trim	204.29 11.13
23 21 13 23-1810	EA	3" Butterfly Valve, Grooved, With Standard Trim	335.14 16.49
23 21 13 23-1811	EA	4" Butterfly Valve, Grooved, With Standard Trim	450.15 21.71
23 21 13 23-1812	EA	6" Butterfly Valve, Grooved, With Standard Trim	982.18 35.56
23 21 13 23-1813	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,361.16 50.03
23 21 13 23-1814	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,043.87 67.61
23 21 13 23-1815 Grooved Lug Type Butterfly Valves With Stainless Steel Trim (23 21 13 23-1806)			
23 21 13 23-1816	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	300.75 8.48
23 21 13 23-1817	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim.....	304.77 11.13
23 21 13 23-1818	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim.....	471.35 16.49
23 21 13 23-1819	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim.....	599.75 21.71
23 21 13 23-1820	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,147.41 35.56
23 21 13 23-1821	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim.....	1,905.97 50.03
23 21 13 23-1822	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim.....	3,003.99 67.61
23 21 13 23-1823 Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-1806)			
23 21 13 23-1824	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	169.04 8.33
23 21 13 23-1825	EA	2" Ball Valve, Grooved, With Standard Trim	193.71 11.44
23 21 13 23-1826	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	441.74 14.01
23 21 13 23-1827	EA	3" Ball Valve, Grooved, With Standard Trim	724.13 16.58
23 21 13 23-1828	EA	4" Ball Valve, Grooved, With Standard Trim	1,127.51 21.78
23 21 13 23-1829	EA	6" Ball Valve, Grooved, With Standard Trim	3,504.45 35.79
23 21 13 23-1830 Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-1806)			
23 21 13 23-1831	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	180.04 8.33
23 21 13 23-1832	EA	2" Ball Valve, Grooved, With Stainless Steel Trim.....	307.94 11.44
23 21 13 23-1833	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	801.94 14.01
23 21 13 23-1834	EA	3" Ball Valve, Grooved, With Stainless Steel Trim.....	1,036.99 16.58
23 21 13 23-1835	EA	4" Ball Valve, Grooved, With Stainless Steel Trim.....	1,416.62 21.78
23 21 13 23-1836	EA	6" Ball Valve, Grooved, With Stainless Steel Trim.....	3,862.70 35.79

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

23 21 13 23-1837		Grooved Check Valves (23 21 13 23-1806)			
23 21	13 23-1838	EA	2" Check Valve, Grooved.....	256.60	11.44
23 21	13 23-1839	EA	2-1/2" Check Valve, Grooved	416.35	14.01
23 21	13 23-1840	EA	3" Check Valve, Grooved.....	485.12	16.58
23 21	13 23-1841	EA	4" Check Valve, Grooved.....	687.57	21.78

23 21 13 23-1842		Grooved Vic-Check Check Valves (23 21 13 23-1806)			
23 21	13 23-1843	EA	2-1/2" "Vic-Check" Check Valve, Grooved.....	332.81	14.01
23 21	13 23-1844	EA	3" "Vic-Check" Check Valve, Grooved.....	336.59	16.58
23 21	13 23-1845	EA	4" "Vic-Check" Check Valve, Grooved.....	421.86	21.78
23 21	13 23-1846	EA	6" "Vic-Check" Check Valve, Grooved.....	822.11	35.79
23 21	13 23-1847	EA	8" "Vic-Check" Check Valve, Grooved.....	1,124.95	49.80
23 21	13 23-1848	EA	10" "Vic-Check" Check Valve, Grooved.....	3,141.24	67.46
23 21	13 23-1849	EA	12" "Vic-Check" Check Valve, Grooved.....	3,719.72	77.88

23 21 13 23-1850		Grooved Plug Valves With Lever Operator (23 21 13 23-1806)			
23 21	13 23-1851	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....	379.61	16.58
23 21	13 23-1852	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....	423.06	21.78
23 21	13 23-1853	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....	753.62	35.79

23 21 13 23-1854		Grooved Plug Valve With Gear Operator (23 21 13 23-1806)			
23 21	13 23-1855	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....	665.78	16.58
23 21	13 23-1856	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....	709.26	21.78
23 21	13 23-1857	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....	1,039.81	35.79
23 21	13 23-1858	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	1,391.92	49.80
23 21	13 23-1859	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	2,178.53	67.46
23 21	13 23-1860	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	3,142.78	77.88

23 21 13 23-1861 Prepare Pipe For Groove (23 21 13 23-1312)
23 21 13 23-1862 Cut Grooved Pipe (23 21 13 23-1861)

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21	13 23-1863	EA	Cut 3/4" Groove.....	8.15	
23 21	13 23-1864	EA	Cut 1" Groove.....	8.85	
23 21	13 23-1865	EA	Cut 1-1/4" Groove.....	9.99	
23 21	13 23-1866	EA	Cut 1-1/2" Groove.....	10.87	
23 21	13 23-1867	EA	Cut 2" Groove.....	11.91	
23 21	13 23-1868	EA	Cut 2-1/2" Groove.....	12.91	
23 21	13 23-1869	EA	Cut 3" Groove.....	14.08	
23 21	13 23-1870	EA	Cut 3-1/2" Groove.....	14.92	
23 21	13 23-1871	EA	Cut 4" Groove.....	15.88	
23 21	13 23-1872	EA	Cut 5" Groove.....	17.21	
23 21	13 23-1873	EA	Cut 6" Groove.....	17.70	
23 21	13 23-1874	EA	Cut 8" Groove.....	22.94	
23 21	13 23-1875	EA	Cut 10" Groove.....	32.61	
23 21	13 23-1876	EA	Cut 12" Groove.....	41.30	
23 21	13 23-1877	EA	Cut 14" Groove.....	61.94	
23 21	13 23-1878	EA	Cut 16" Groove.....	65.20	
23 21	13 23-1879	EA	Cut 18" Groove.....	68.83	
23 21	13 23-1880	EA	Cut 20" Groove.....	72.88	
23 21	13 23-1881	EA	Cut 24" Groove.....	82.59	

23 21 13 23-1882 Roll Grooved Pipe (23 21 13 23-1861)

Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.

23 21	13 23-1883	EA	Roll 3/4" Groove.....	4.66	
23 21	13 23-1884	EA	Roll 1" Groove.....	5.44	
23 21	13 23-1885	EA	Roll 1-1/4" Groove.....	6.19	
23 21	13 23-1886	EA	Roll 1-1/2" Groove.....	6.96	
23 21	13 23-1887	EA	Roll 2" Groove.....	10.68	
23 21	13 23-1888	EA	Roll 2-1/2" Groove.....	11.26	
23 21	13 23-1889	EA	Roll 3" Groove.....	12.39	
23 21	13 23-1890	EA	Roll 3-1/2" Groove.....	13.18	
23 21	13 23-1891	EA	Roll 4" Groove.....	14.41	
23 21	13 23-1892	EA	Roll 5" Groove.....	14.75	
23 21	13 23-1893	EA	Roll 6" Groove.....	15.49	
23 21	13 23-1894	EA	Roll 8" Groove.....	18.77	
23 21	13 23-1895	EA	Roll 10" Groove.....	21.36	
23 21	13 23-1896	EA	Roll 12" Groove.....	26.94	
23 21	13 23-1897	EA	Roll 14" Groove.....	41.30	
23 21	13 23-1898	EA	Roll 16" Groove.....	44.25	
23 21	13 23-1899	EA	Roll 18" Groove.....	45.89	
23 21	13 23-1900	EA	Roll 20" Groove.....	49.55	
23 21	13 23-1901	EA	Roll 24" Groove.....	53.86	

23 21 13 23-1902 Standard Gaskets (23 21 13 23-1861)

Note: For use on replacement of existing gaskets.

23 21	13 23-1903	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	18.56	
-------	------------	----	---	-------	--

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-1904	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	19.21	
23 21 13 23-1905	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	20.07	
23 21 13 23-1906	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	21.99	
23 21 13 23-1907	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	22.46	
23 21 13 23-1908	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	26.40	
23 21 13 23-1909	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	28.92	
23 21 13 23-1910	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	35.72	
23 21 13 23-1911	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	36.09	
23 21 13 23-1912	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	45.16	
23 21 13 23-1913	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	48.58	
23 21 13 23-1914	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	66.07	
23 21 13 23-1915	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	83.04	
23 21 13 23-1916	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	97.82	
23 21 13 23-1917	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	136.48	
23 21 13 23-1918	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	182.83	
23 21 13 23-1919	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	217.01	
23 21 13 23-1920	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	322.98	
23 21 13 23-1921	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T"	442.89	

23 21 13 23-1922 Copper Grooved-Joint Pipe Fittings (23 21 13 23)

Note: Couplings are not included with fittings.

23 21 13 23-1923 Grooved Fittings (23 21 13 23-1922)**23 21 13 23-1924 Grooved 90 Degree Elbows (23 21 13 23-1923)**

23 21 13 23-1925	EA	2" Copper 90 Degree Elbow, Grooved.....	46.03	12.68
23 21 13 23-1926	EA	2-1/2" Copper 90 Degree Elbow, Grooved.....	53.42	15.49
23 21 13 23-1927	EA	3" Copper 90 Degree Elbow, Grooved.....	69.31	18.75
23 21 13 23-1928	EA	4" Copper 90 Degree Elbow, Grooved.....	123.95	24.74
23 21 13 23-1929	EA	5" Copper 90 Degree Elbow, Grooved.....	274.83	30.97
23 21 13 23-1930	EA	6" Copper 90 Degree Elbow, Grooved.....	421.44	40.53
23 21 13 23-1931	EA	8" Copper 90 Degree Elbow, Grooved.....	736.27	48.24

23 21 13 23-1932 Grooved 45 Degree Elbows (23 21 13 23-1923)

23 21 13 23-1933	EA	2" Copper 45 Degree Elbow, Grooved.....	46.03	12.68
23 21 13 23-1934	EA	2-1/2" Copper 45 Degree Elbow, Grooved.....	53.42	15.49
23 21 13 23-1935	EA	3" Copper 45 Degree Elbow, Grooved.....	69.31	18.75
23 21 13 23-1936	EA	4" Copper 45 Degree Elbow, Grooved.....	123.95	24.74
23 21 13 23-1937	EA	5" Copper 45 Degree Elbow, Grooved.....	274.83	30.97
23 21 13 23-1938	EA	6" Copper 45 Degree Elbow, Grooved.....	421.44	40.53
23 21 13 23-1939	EA	8" Copper 45 Degree Elbow, Grooved.....	736.27	48.24

23 21 13 23-1940 Grooved Tees (23 21 13 23-1923)

23 21 13 23-1941	EA	2" Copper Tee, Grooved.....	71.82	18.67
23 21 13 23-1942	EA	2-1/2" Copper Tee, Grooved.....	82.55	22.95
23 21 13 23-1943	EA	3" Copper Tee, Grooved.....	111.37	28.17
23 21 13 23-1944	EA	4" Copper Tee, Grooved.....	194.66	36.41
23 21 13 23-1945	EA	5" Copper Tee, Grooved.....	438.71	47.61
23 21 13 23-1946	EA	6" Copper Tee, Grooved.....	543.92	59.59
23 21 13 23-1947	EA	8" Copper Tee, Grooved.....	903.90	72.35

23 21 13 23-1948 Grooved Reducing Tees (23 21 13 23-1923)

23 21 13 23-1949	EA	2-1/2" Copper Tee, Reducing, Grooved.....	101.27	22.95
23 21 13 23-1950	EA	3" Copper Tee, Reducing, Grooved.....	121.70	28.17
23 21 13 23-1951	EA	4" Copper Tee, Reducing, Grooved.....	233.59	36.49
23 21 13 23-1952	EA	5" Copper Tee, Reducing, Grooved.....	587.82	47.69
23 21 13 23-1953	EA	6" Copper Tee, Reducing, Grooved.....	720.88	59.59

23 21 13 23-1954 Grooved X Cup Reducing Tees (23 21 13 23-1923)

23 21 13 23-1955	EA	2" Copper Tee, Reducing, Grooved X Cup.....	81.73	18.67
23 21 13 23-1956	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup.....	101.37	22.95
23 21 13 23-1957	EA	3" Copper Tee, Reducing, Grooved X Cup.....	121.70	28.17
23 21 13 23-1958	EA	4" Copper Tee, Reducing, Grooved X Cup.....	233.59	36.41

23 21 13 23-1959 Grooved Flanged Adapter Nipples (23 21 13 23-1923)

23 21 13 23-1960	EA	2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	135.87	13.78
23 21 13 23-1961	EA	2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	146.42	16.73
23 21 13 23-1962	EA	3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	158.12	20.00
23 21 13 23-1963	EA	4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	183.51	26.92
23 21 13 23-1964	EA	5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	239.74	32.60
23 21 13 23-1965	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	278.43	44.04

23 21 13 23-1966 Grooved Concentric Reducers (23 21 13 23-1923)

23 21 13 23-1967	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved	58.46	14.16
23 21 13 23-1968	EA	3" x 2" Copper Concentric Reducer, Grooved.....	61.57	15.79
23 21 13 23-1969	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved	67.60	18.75
23 21 13 23-1970	EA	4" x 2" Copper Concentric Reducer, Grooved.....	100.31	18.90
23 21 13 23-1971	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved	103.03	20.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1972	EA		4" x 3" Copper Concentric Reducer, Grooved	106.14	21.78
23 21 13 23-1973	EA		5" x 3" Copper Concentric Reducer, Grooved	227.71	24.89
23 21 13 23-1974	EA		5" x 4" Copper Concentric Reducer, Grooved	233.93	28.00
23 21 13 23-1975	EA		6" x 3" Copper Concentric Reducer, Grooved	251.78	29.57
23 21 13 23-1976	EA		6" x 4" Copper Concentric Reducer, Grooved	257.99	32.68
23 21 13 23-1977	EA		6" x 5" Copper Concentric Reducer, Grooved	264.23	35.79
23 21 13 23-1978	EA		8" x 6" Copper Concentric Reducer, Grooved	427.67	44.35
23 21 13 23-1979			Grooved X Cup Concentric Reducers <small>(23 21 13 23-1923)</small>		
23 21 13 23-1980	EA		2" x 1" Copper Concentric Reducer, Grooved X Cup	44.81	9.96
23 21 13 23-1981	EA		2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	45.58	10.35
23 21 13 23-1982	EA		2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	47.97	11.51
23 21 13 23-1983	EA		2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	52.83	11.13
23 21 13 23-1984	EA		2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	53.61	11.51
23 21 13 23-1985	EA		2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	55.90	12.68
23 21 13 23-1986	EA		2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	59.01	14.16
23 21 13 23-1987	EA		3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	66.46	14.16
23 21 13 23-1988	EA		3" x 2" Copper Concentric Reducer, Grooved X Cup	69.57	15.79
23 21 13 23-1989	EA		4" x 2" Copper Concentric Reducer, Grooved X Cup	109.45	18.83
23 21 13 23-1990			Grooved Standard Couplings <small>(23 21 13 23-1923)</small>		
23 21 13 23-1991	EA		2" Copper Standard Coupling, Grooved	25.96	6.38
23 21 13 23-1992	EA		2-1/2" Copper Standard Coupling, Grooved	30.58	7.78
23 21 13 23-1993	EA		3" Copper Standard Coupling, Grooved	35.36	9.25
23 21 13 23-1994	EA		4" Copper Standard Coupling, Grooved	50.72	12.45
23 21 13 23-1995	EA		5" Copper Standard Coupling, Grooved	75.55	15.49
23 21 13 23-1996	EA		6" Copper Standard Coupling, Grooved	100.05	20.23
23 21 13 23-1997	EA		8" Copper Standard Coupling, Grooved	140.81	24.12
23 21 13 23-1998			Grooved Caps <small>(23 21 13 23-1923)</small>		
23 21 13 23-1999	EA		2" Copper Cap, Grooved	26.77	6.38
23 21 13 23-2000	EA		2-1/2" Copper Cap, Grooved	31.33	7.78
23 21 13 23-2001	EA		3" Copper Cap, Grooved	38.41	9.25
23 21 13 23-2002	EA		4" Copper Cap, Grooved	64.94	12.37
23 21 13 23-2003	EA		5" Copper Cap, Grooved	218.22	15.49
23 21 13 23-2004	EA		6" Copper Cap, Grooved	376.93	20.23
23 21 13 23-2005			Grooved Valves <small>(23 21 13 23-1922)</small>		
23 21 13 23-2006			Grooved Butterfly Valves, Standard Trim, Without Operator <small>(23 21 13 23-2005)</small>		
			Note: Copper body.		
23 21 13 23-2007	EA		2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	330.58	8.33
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2008	EA		3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	376.32	12.37
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2009	EA		4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	497.44	16.26
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2010	EA		6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	664.30	26.69
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2011	EA		8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	733.21	37.50
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2012			Grooved Butterfly Valves, Standard Trim, With Operator <small>(23 21 13 23-2005)</small>		
			Note: Copper body.		
23 21 13 23-2013	EA		2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	403.66	8.33
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2014	EA		3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	449.44	12.37
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2015	EA		4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	570.57	16.26
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2016	EA		6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	737.48	26.69
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2017	EA		8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	806.34	37.50
			For Chain Wheel, Add	43.45	
			For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2018			Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(23 21 13 23)</small>		
			Note: Socket or back weld.		
23 21 13 23-2019			Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings <small>(23 21 13 23-2018)</small>		
			Note: ASTM D1785 with D2466 fittings.		
23 21 13 23-2020			Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe <small>(23 21 13 23-2019)</small>		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2021	LF	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	3.55	2.26
			<i>For Work In Restricted Working Space, Add</i>	1.00	
23 21 13 23-2022	LF	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.44	2.80
			<i>For Work In Restricted Working Space, Add</i>	1.25	
23 21 13 23-2023	LF	1"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	4.83	2.96
			<i>For Work In Restricted Working Space, Add</i>	1.34	
23 21 13 23-2024	LF	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.28	3.19
			<i>For Work In Restricted Working Space, Add</i>	1.43	
23 21 13 23-2025	LF	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.44	3.26
			<i>For Work In Restricted Working Space, Add</i>	1.46	
23 21 13 23-2026	LF	2"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.61	3.89
			<i>For Work In Restricted Working Space, Add</i>	1.75	
23 21 13 23-2027	LF	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.16	4.59
			<i>For Work In Restricted Working Space, Add</i>	2.08	
23 21 13 23-2028	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	9.98	5.60
			<i>For Work In Restricted Working Space, Add</i>	2.51	
23 21 13 23-2029	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	14.87	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2030	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	20.79	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2031	LF	8"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	26.10	13.30
			<i>For Work In Restricted Working Space, Add</i>	5.99	
23 21 13 23-2032	LF	10"	Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	41.08	14.86
			<i>For Work In Restricted Working Space, Add</i>	6.68	
23 21 13 23-2033			Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows <small>(23 21 13 23-2019)</small>		
23 21 13 23-2034	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	12.83	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2035	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	17.13	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2036	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	21.43	13.85
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2037	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	30.63	19.61
			<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-2038	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	34.46	22.09
			<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-2039	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	44.17	28.09
			<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-2040	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	68.69	41.55
			<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-2041	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	89.65	54.62
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2042	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	111.10	64.89
			<i>For Work In Restricted Working Space, Add</i>	29.18	
23 21 13 23-2043	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	144.28	74.15
			<i>For Work In Restricted Working Space, Add</i>	33.34	
23 21 13 23-2044	EA	8"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	214.99	86.52
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 21 13 23-2045	EA	10"	Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	321.20	129.00
			<i>For Work In Restricted Working Space, Add</i>	58.00	
23 21 13 23-2046			Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <small>(23 21 13 23-2019)</small>		
23 21 13 23-2047	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	12.96	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2048	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	17.40	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2049	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.82	13.85
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2050	EA	1-1/4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	30.88	19.61
			<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-2051	EA	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	35.01	22.09
			<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-2052	EA	2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	44.53	28.09
			<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-2053	EA	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	68.69	41.55
			<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-2054	EA	3"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	91.96	54.62
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2055	EA	4"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	115.32	64.89
			<i>For Work In Restricted Working Space, Add</i>	29.18	
23 21 13 23-2056	EA	6"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	144.66	74.15
			<i>For Work In Restricted Working Space, Add</i>	33.34	
23 21 13 23-2057	EA	8"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	210.33	86.52
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 21 13 23-2058	EA	10"	Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	321.20	129.00
			<i>For Work In Restricted Working Space, Add</i>	58.00	
23 21 13 23-2059			Schedule 40 Polyvinyl Chloride (PVC) Tees <small>(23 21 13 23-2019)</small>		
23 21 13 23-2060	EA	1/2"	Schedule 40 Polyvinyl Chloride (PVC) Tees	21.07	13.85
			<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2061	EA	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Tees	25.45	16.73
			<i>For Work In Restricted Working Space, Add</i>	7.53	
23 21 13 23-2062	EA	1"	Schedule 40 Polyvinyl Chloride (PVC) Tees	33.80	22.09
			<i>For Work In Restricted Working Space, Add</i>	9.93	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2063	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	43.15 12.62	28.09
23 21	13 23-2064	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	51.55 15.06	33.45
23 21	13 23-2065	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	64.20 18.67	41.55
23 21	13 23-2066	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	88.41 24.57	54.62
23 21	13 23-2067	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	105.78 29.18	64.89
23 21	13 23-2068	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	145.11 38.90	86.52
23 21	13 23-2069	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	219.36 50.19	111.56
23 21	13 23-2070	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	328.21 62.24	138.41
23 21	13 23-2071	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	782.54 93.02	206.80
23 21	13 23-2072		Schedule 40 Polyvinyl Chloride (PVC) Crosses <small>(23 21 13 23-2019)</small>		
23 21	13 23-2073	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	26.45 7.78	17.27
23 21	13 23-2074	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	31.93 9.41	20.93
23 21	13 23-2075	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	42.47 12.42	27.62
23 21	13 23-2076	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	54.30 15.77	35.09
23 21	13 23-2077	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	64.87 18.83	41.86
23 21	13 23-2078	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	80.87 23.34	51.89
23 21	13 23-2079	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	112.57 30.71	68.31
23 21	13 23-2080	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	134.91 36.47	81.07
23 21	13 23-2081	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	186.29 48.63	108.14
23 21	13 23-2082	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	290.64 62.72	139.42
23 21	13 23-2083	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	448.48 77.76	172.88
23 21	13 23-2084	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	1,128.43 116.33	258.62
23 21	13 23-2085		Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <small>(23 21 13 23-2019)</small>		
23 21	13 23-2086	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	16.99 5.02	11.13
23 21	13 23-2087	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	21.26 6.22	13.85
23 21	13 23-2088	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	30.05 8.81	19.61
23 21	13 23-2089	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	33.83 9.93	22.09
23 21	13 23-2090	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	43.26 12.62	28.09
23 21	13 23-2091	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	64.17 18.67	41.55
23 21	13 23-2092	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	84.79 24.57	54.62
23 21	13 23-2093	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	103.79 29.18	64.89
23 21	13 23-2094	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	127.38 33.34	74.15
23 21	13 23-2095	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	223.03 38.90	86.52
23 21	13 23-2096	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	254.28 45.19	100.45
23 21	13 23-2097		Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <small>(23 21 13 23-2019)</small>		
23 21	13 23-2098	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	13.13 3.77	8.40
23 21	13 23-2099	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.32 5.02	11.13
23 21	13 23-2100	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	21.46 6.22	13.85
23 21	13 23-2101	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	30.46 8.81	19.61
23 21	13 23-2102	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	34.38 9.93	22.09
23 21	13 23-2103	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	43.79 12.62	28.09
23 21	13 23-2104	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	64.75 18.67	41.55

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2105	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	84.79	54.62
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2106	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts	103.79	64.89
		<i>For Work In Restricted Working Space, Add</i>	29.18	

23 21 13 23-2107 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters

(23 21 13 23-2019)

23 21 13 23-2108	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	13.32	8.40
		<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2109	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	17.51	11.13
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2110	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	21.84	13.85
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2111	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	30.68	19.61
		<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-2112	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	34.87	22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-2113	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	44.23	28.09
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-2114	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	65.24	41.55
		<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-2115	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	86.31	54.62
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2116	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters	102.91	64.89
		<i>For Work In Restricted Working Space, Add</i>	29.18	

23 21 13 23-2117 Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters

(23 21 13 23-2019)

23 21 13 23-2118	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	12.83	8.40
		<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2119	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	17.10	11.13
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2120	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	21.15	13.85
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2121	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	30.02	19.61
		<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-2122	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	33.88	22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-2123	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	43.10	28.09
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-2124	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	66.79	41.55
		<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-2125	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	88.02	54.62
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2126	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters	107.38	64.89
		<i>For Work In Restricted Working Space, Add</i>	29.18	

23 21 13 23-2127 Schedule 40 Polyvinyl Chloride (PVC) P-Traps

(23 21 13 23-2019)

23 21 13 23-2128	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps	19.13	11.44
		<i>For Work In Restricted Working Space, Add</i>	5.14	

23 21 13 23-2129 Schedule 40 Polyvinyl Chloride (PVC) Couplings

(23 21 13 23-2019)

23 21 13 23-2130	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	12.72	8.40
		<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2131	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	16.96	11.13
		<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2132	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Couplings	21.15	13.85
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2133	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	29.91	19.61
		<i>For Work In Restricted Working Space, Add</i>	8.81	
23 21 13 23-2134	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	33.72	22.09
		<i>For Work In Restricted Working Space, Add</i>	9.93	
23 21 13 23-2135	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	42.99	28.09
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 21 13 23-2136	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings	64.34	41.55
		<i>For Work In Restricted Working Space, Add</i>	18.67	
23 21 13 23-2137	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Couplings	85.18	54.62
		<i>For Work In Restricted Working Space, Add</i>	24.57	
23 21 13 23-2138	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Couplings	102.03	64.89
		<i>For Work In Restricted Working Space, Add</i>	29.18	
23 21 13 23-2139	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Couplings	126.25	74.15
		<i>For Work In Restricted Working Space, Add</i>	33.34	
23 21 13 23-2140	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Couplings	157.90	86.52
		<i>For Work In Restricted Working Space, Add</i>	38.90	
23 21 13 23-2141	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Couplings	268.56	92.74
		<i>For Work In Restricted Working Space, Add</i>	41.70	

23 21 13 23-2142 Schedule 40 Polyvinyl Chloride (PVC) Unions

(23 21 13 23-2019)

23 21 13 23-2143	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions	22.13	13.85
		<i>For Work In Restricted Working Space, Add</i>	6.22	
23 21 13 23-2144	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions	29.75	16.73
		<i>For Work In Restricted Working Space, Add</i>	7.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2145	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	38.32 9.93	22.09
23 21	13 23-2146	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	54.73 12.62	28.09
23 21	13 23-2147	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	63.43 15.06	33.45
23 21	13 23-2148	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	80.08 18.67	41.55
23 21	13 23-2149	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	114.26 24.57	54.62
23 21	13 23-2150	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	131.55 29.18	64.89
23 21	13 23-2151	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	197.68 38.90	86.52
23 21	13 23-2152	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	258.40 50.17	111.56
23 21	13 23-2153	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	357.76 62.21	138.33
23 21	13 23-2154	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	505.40 77.25	171.71
23 21 13 23-2155 Schedule 40 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2019)					
23 21	13 23-2156	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	12.92 3.81	8.50
23 21	13 23-2157	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	17.02 5.02	11.13
23 21	13 23-2158	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	21.18 6.22	13.85
23 21	13 23-2159	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	30.34 8.92	19.85
23 21	13 23-2160	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	33.77 9.93	22.09
23 21	13 23-2161	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	42.85 12.62	28.09
23 21	13 23-2162	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	64.86 18.67	41.55
23 21	13 23-2163	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	84.74 24.57	54.62
23 21	13 23-2164	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	103.77 29.18	64.89
23 21	13 23-2165	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	126.72 33.34	74.15
23 21	13 23-2166	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	181.77 38.90	86.52
23 21	13 23-2167	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	331.78 41.70	92.74
23 21 13 23-2168 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2019)					
23 21	13 23-2169	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges <i>For Work In Restricted Working Space, Add</i>	26.28 6.22	13.85
23 21	13 23-2170	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	33.58 7.53	16.73
23 21	13 23-2171	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	42.57 9.93	22.09
23 21	13 23-2172	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	51.78 12.62	28.09
23 21	13 23-2173	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	60.15 15.06	33.45
23 21	13 23-2174	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	75.47 18.67	41.55
23 21	13 23-2175	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	102.33 24.57	54.62
23 21	13 23-2176	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	119.81 29.18	64.89
23 21	13 23-2177	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	158.23 38.90	86.52
23 21	13 23-2178	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	212.15 50.17	111.56
23 21	13 23-2179	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	308.67 62.21	138.33
23 21	13 23-2180	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	485.41 77.12	171.48
23 21 13 23-2181 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2018)					
Note: ASTM D1785 with D2467 fittings.					
23 21 13 23-2182 Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2181)					
23 21	13 23-2183	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	3.61 1.00	2.26
23 21	13 23-2184	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	4.51 1.25	2.80
23 21	13 23-2185	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.50 1.50	3.34
23 21	13 23-2186	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.53 1.76	3.89

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2187	LF	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	7.49	4.43
			<i>For Work In Restricted Working Space, Add</i>	2.00	
23 21 13 23-2188	LF	2"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	9.55	5.60
			<i>For Work In Restricted Working Space, Add</i>	2.51	
23 21 13 23-2189	LF	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	10.96	6.14
			<i>For Work In Restricted Working Space, Add</i>	2.76	
23 21 13 23-2190	LF	3"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	12.38	6.69
			<i>For Work In Restricted Working Space, Add</i>	3.01	
23 21 13 23-2191	LF	4"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	15.98	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 21 13 23-2192	LF	6"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	23.26	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
23 21 13 23-2193	LF	8"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	29.88	13.30
			<i>For Work In Restricted Working Space, Add</i>	5.99	
23 21 13 23-2194	LF	10"	Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe	52.07	14.32
			<i>For Work In Restricted Working Space, Add</i>	6.44	
23 21 13 23-2195 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2181)					
23 21 13 23-2196	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	13.54	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For Threaded Fittings, Add</i>	1.88	
23 21 13 23-2197	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	18.04	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
			<i>For Threaded Fittings, Add</i>	2.51	
23 21 13 23-2198	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	22.84	13.85
			<i>For Work In Restricted Working Space, Add</i>	6.22	
			<i>For Threaded Fittings, Add</i>	3.11	
23 21 13 23-2199	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	32.14	19.61
			<i>For Work In Restricted Working Space, Add</i>	8.81	
			<i>For Threaded Fittings, Add</i>	4.40	
23 21 13 23-2200	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	36.09	22.09
			<i>For Work In Restricted Working Space, Add</i>	9.93	
			<i>For Threaded Fittings, Add</i>	4.97	
23 21 13 23-2201	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	45.66	28.09
			<i>For Work In Restricted Working Space, Add</i>	12.62	
			<i>For Threaded Fittings, Add</i>	6.31	
23 21 13 23-2202	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	70.70	41.55
			<i>For Work In Restricted Working Space, Add</i>	18.67	
			<i>For Threaded Fittings, Add</i>	9.34	
23 21 13 23-2203	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	91.41	54.62
			<i>For Work In Restricted Working Space, Add</i>	24.57	
			<i>For Threaded Fittings, Add</i>	12.29	
23 21 13 23-2204	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	111.71	64.89
			<i>For Work In Restricted Working Space, Add</i>	29.18	
			<i>For Threaded Fittings, Add</i>	14.59	
23 21 13 23-2205	EA	6"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	163.33	74.15
			<i>For Work In Restricted Working Space, Add</i>	33.34	
			<i>For Threaded Fittings, Add</i>	16.67	
23 21 13 23-2206	EA	8"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	243.11	86.52
			<i>For Work In Restricted Working Space, Add</i>	38.90	
			<i>For Threaded Fittings, Add</i>	19.45	
23 21 13 23-2207	EA	10"	Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	345.28	145.03
			<i>For Work In Restricted Working Space, Add</i>	65.23	
			<i>For Threaded Fittings, Add</i>	32.61	
23 21 13 23-2208 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2181)					
23 21 13 23-2209	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	14.45	8.40
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For Threaded Fittings, Add</i>	1.88	
23 21 13 23-2210	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	19.63	11.13
			<i>For Work In Restricted Working Space, Add</i>	5.02	
			<i>For Threaded Fittings, Add</i>	2.51	
23 21 13 23-2211	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	25.10	13.85
			<i>For Work In Restricted Working Space, Add</i>	6.22	
			<i>For Threaded Fittings, Add</i>	3.11	
23 21 13 23-2212	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	34.93	19.61
			<i>For Work In Restricted Working Space, Add</i>	8.81	
			<i>For Threaded Fittings, Add</i>	4.40	
23 21 13 23-2213	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	39.67	22.09
			<i>For Work In Restricted Working Space, Add</i>	9.93	
			<i>For Threaded Fittings, Add</i>	4.97	
23 21 13 23-2214	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	50.57	28.09
			<i>For Work In Restricted Working Space, Add</i>	12.62	
			<i>For Threaded Fittings, Add</i>	6.31	
23 21 13 23-2215	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	80.16	41.55
			<i>For Work In Restricted Working Space, Add</i>	18.67	
			<i>For Threaded Fittings, Add</i>	9.34	
23 21 13 23-2216	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	103.71	54.62
			<i>For Work In Restricted Working Space, Add</i>	24.57	
			<i>For Threaded Fittings, Add</i>	12.29	
23 21 13 23-2217	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	136.55	64.89
			<i>For Work In Restricted Working Space, Add</i>	29.18	
			<i>For Threaded Fittings, Add</i>	14.59	
23 21 13 23-2218	EA	6"	Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	160.60	74.15
			<i>For Work In Restricted Working Space, Add</i>	33.34	
			<i>For Threaded Fittings, Add</i>	16.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2219	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	236.91 38.90 19.45	86.52
23 21	13 23-2220	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	338.31 65.23 32.61	145.03
23 21 13 23-2221 Schedule 80 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2181)					
23 21	13 23-2222	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	22.54 5.91 2.96	13.15
23 21	13 23-2223	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	28.07 7.53 3.76	16.73
23 21	13 23-2224	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.83 9.93 4.97	22.09
23 21	13 23-2225	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	52.33 12.62 6.31	28.09
23 21	13 23-2226	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	60.48 15.06 7.53	33.45
23 21	13 23-2227	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	75.11 18.67 9.34	41.55
23 21	13 23-2228	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	95.91 24.57 12.29	54.62
23 21	13 23-2229	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	114.74 29.18 14.59	64.89
23 21	13 23-2230	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	149.93 38.90 19.45	86.52
23 21	13 23-2231	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	236.54 50.19 25.10	111.56
23 21	13 23-2232	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	368.03 62.24 31.12	138.41
23 21	13 23-2233	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	782.57 93.02 46.51	206.80
23 21 13 23-2234 Schedule 80 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2181)					
23 21	13 23-2235	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	29.07 7.39 3.69	16.41
23 21	13 23-2236	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.04 9.41 4.71	20.93
23 21	13 23-2237	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	47.22 12.42 6.21	27.62
23 21	13 23-2238	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	68.69 15.77 7.89	35.09
23 21	13 23-2239	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	78.87 18.83 9.41	41.86
23 21	13 23-2240	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	97.98 23.34 11.67	51.89
23 21	13 23-2241	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	124.33 30.71 15.36	68.31
23 21	13 23-2242	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	148.96 36.47 18.23	81.07
23 21	13 23-2243	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	193.86 48.63 24.31	108.14
23 21	13 23-2244	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	317.57 62.72 31.36	139.42
23 21	13 23-2245	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	510.90 77.76 38.88	172.88
23 21	13 23-2246	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,128.48 116.33 58.17	258.62
23 21 13 23-2247 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2181)					

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2248	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	17.32 5.02 2.51	11.13
23 21 13 23-2249	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	22.42 6.22 3.11	13.85
23 21 13 23-2250	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	32.01 8.81 4.40	19.61
23 21 13 23-2251	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.72 9.93 4.97	22.09
23 21 13 23-2252	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	47.21 12.62 6.31	28.09
23 21 13 23-2253	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	71.17 18.67 9.34	41.55
23 21 13 23-2254	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	96.10 24.57 12.29	54.62
23 21 13 23-2255	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	116.94 29.18 14.59	64.89
23 21 13 23-2256	EA 6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	132.97 33.34 16.67	74.15
23 21 13 23-2257	EA 8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	178.13 38.90 19.45	86.52
23 21 13 23-2258	EA 10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	254.29 45.19 22.60	100.45
23 21 13 23-2259	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <small>(23 21 13 23-2181)</small>		
23 21 13 23-2260	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	12.74 3.77 1.88	8.40
23 21 13 23-2261	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	17.82 5.02 2.51	11.13
23 21 13 23-2262	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	22.42 6.22 3.11	13.85
23 21 13 23-2263	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	32.78 8.81 4.40	19.61
23 21 13 23-2264	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	37.41 9.93 4.97	22.09
23 21 13 23-2265	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	47.32 12.62 6.31	28.09
23 21 13 23-2266	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	73.38 18.67 9.34	41.55
23 21 13 23-2267	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	102.52 24.57 12.29	54.62
23 21 13 23-2268	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	128.96 29.18 14.59	64.89
23 21 13 23-2269	Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <small>(23 21 13 23-2181)</small>		
23 21 13 23-2270	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.89 3.77 1.88	8.40
23 21 13 23-2271	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	19.33 5.02 2.51	11.13
23 21 13 23-2272	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	25.26 6.22 3.11	13.85
23 21 13 23-2273	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	34.65 8.81 4.40	19.61
23 21 13 23-2274	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	40.72 9.93 4.97	22.09
23 21 13 23-2275	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	51.97 12.62 6.31	28.09
23 21 13 23-2276	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	73.54 18.67 9.34	41.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2277	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	94.44 24.57 12.29	54.62
23 21	13 23-2278	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	119.56 29.18 14.59	64.89
23 21 13 23-2279 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters (23 21 13 23-2181)					
23 21	13 23-2280	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.26 3.77 1.88	8.40
23 21	13 23-2281	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	19.28 5.02 2.51	11.13
23 21	13 23-2282	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	24.49 6.22 3.11	13.85
23 21	13 23-2283	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	35.45 8.81 4.40	19.61
23 21	13 23-2284	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	40.58 9.93 4.97	22.09
23 21	13 23-2285	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	55.06 12.62 6.31	28.09
23 21	13 23-2286	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	82.80 18.67 9.34	41.55
23 21	13 23-2287	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	105.06 24.57 12.29	54.62
23 21	13 23-2288	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	137.07 29.18 14.59	64.89
23 21 13 23-2289 Schedule 80 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2181)					
23 21	13 23-2290	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.37 3.77 1.88	8.40
23 21	13 23-2291	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	19.19 5.02 2.51	11.13
23 21	13 23-2292	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	23.28 6.22 3.11	13.85
23 21	13 23-2293	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	33.25 8.81 4.40	19.61
23 21	13 23-2294	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	37.30 9.93 4.97	22.09
23 21	13 23-2295	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	46.52 12.62 6.31	28.09
23 21	13 23-2296	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	73.29 18.67 9.34	41.55
23 21	13 23-2297	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	94.61 24.57 12.29	54.62
23 21	13 23-2298	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	113.19 29.18 14.59	64.89
23 21	13 23-2299	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	145.41 33.34 16.67	74.15
23 21	13 23-2300	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	176.31 38.90 19.45	86.52
23 21	13 23-2301	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	276.83 41.70 20.85	92.74
23 21 13 23-2302 Schedule 80 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2181)					
23 21	13 23-2303	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	24.82 6.22 3.11	13.85
23 21	13 23-2304	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	29.80 7.53 3.76	16.73
23 21	13 23-2305	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	38.49 9.93 4.97	22.09

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2306	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	55.50 12.62 6.31	28.09
23 21 13 23-2307	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	67.51 15.06 7.53	33.45
23 21 13 23-2308	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	85.70 18.67 9.34	41.55
23 21 13 23-2309	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	125.58 24.57 12.29	54.62
23 21 13 23-2310	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	153.56 29.18 14.59	64.89
23 21 13 23-2311	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	197.84 38.90 19.45	86.52
23 21 13 23-2312	EA 6" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	258.40 50.17 25.09	111.56
23 21 13 23-2313	EA 8" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	357.76 62.21 31.10	138.33
23 21 13 23-2314	EA 10" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	504.99 77.12 38.56	171.48
23 21 13 23-2315	Schedule 80 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2181)		
23 21 13 23-2316	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	15.11 3.77 1.88	8.40
23 21 13 23-2317	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	19.44 5.02 2.51	11.13
23 21 13 23-2318	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	25.54 6.22 3.11	13.85
23 21 13 23-2319	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	35.15 8.81 4.40	19.61
23 21 13 23-2320	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	38.90 9.93 4.97	22.09
23 21 13 23-2321	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	50.73 12.62 6.31	28.09
23 21 13 23-2322	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	80.08 18.67 9.34	41.55
23 21 13 23-2323	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	103.71 24.57 12.29	54.62
23 21 13 23-2324	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	132.33 29.18 14.59	64.89
23 21 13 23-2325	EA 6" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	198.25 33.34 16.67	74.15
23 21 13 23-2326	EA 8" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	249.34 38.90 19.45	86.52
23 21 13 23-2327	EA 10" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	359.35 41.70 20.85	92.74
23 21 13 23-2328	Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2181)		
23 21 13 23-2329	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	28.65 6.22 3.11	13.85
23 21 13 23-2330	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	33.58 7.53 3.76	16.73
23 21 13 23-2331	EA 1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	42.57 9.93 4.97	22.09
23 21 13 23-2332	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	51.78 12.62 6.31	28.09
23 21 13 23-2333	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	60.15 15.06 7.53	33.45
23 21 13 23-2334	EA 2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	75.47 18.67 9.34	41.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2335	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	102.33 24.57 12.29	54.62
23 21	13 23-2336	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	119.81 29.18 14.59	64.89
23 21	13 23-2337	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	158.23 38.90 19.45	86.52
23 21	13 23-2338	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	212.15 50.17 25.09	111.56
23 21	13 23-2339	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	308.67 62.21 31.10	138.33
23 21	13 23-2340	EA	10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	485.41 77.12 38.56	171.48
23 21 13 23-2341 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2018)					
Note: In place pipe.					
23 21	13 23-2342	EA	1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.23 1.27	
23 21	13 23-2343	EA	3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	4.56 1.37	
23 21	13 23-2344	EA	1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.13 1.54	
23 21	13 23-2345	EA	1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.39 1.62	
23 21	13 23-2346	EA	1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	5.71 1.71	
23 21	13 23-2347	EA	2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.28 1.88	
23 21	13 23-2348	EA	2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	6.76 2.03	
23 21	13 23-2349	EA	3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	7.99 2.40	
23 21	13 23-2350	EA	4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	10.78 3.23	
23 21	13 23-2351	EA	6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	15.40 4.62	
23 21	13 23-2352	EA	8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	20.54 6.16	
23 21	13 23-2353	EA	10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For Work In Restricted Working Space, Add</i>	25.10 7.53	
23 21 13 23-2354 Polyvinylidene Fluoride (PVDF), Socket Weld (23 21 13 23)					
23 21 13 23-2355 Pipe (23 21 13 23-2354)					
23 21	13 23-2356	LF	1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	15.31	2.26
23 21	13 23-2357	LF	3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	20.34	2.80
23 21	13 23-2358	LF	1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	28.01	2.96
23 21	13 23-2359	LF	1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	38.51	3.26
23 21	13 23-2360	LF	2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	48.64	3.89
23 21 13 23-2361 90 Degree Elbows (23 21 13 23-2354)					
23 21	13 23-2362	EA	1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	24.83	8.33
23 21	13 23-2363	EA	3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	33.15	11.13
23 21	13 23-2364	EA	1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	52.01	13.85
23 21	13 23-2365	EA	1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	89.12	22.09
23 21	13 23-2366	EA	2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	115.73	28.09
23 21 13 23-2367 45 Degree Elbows (23 21 13 23-2354)					
23 21	13 23-2368	EA	1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	27.93	8.40
23 21	13 23-2369	EA	3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	37.51	11.13
23 21	13 23-2370	EA	1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	52.01	13.85
23 21	13 23-2371	EA	1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	78.67	22.09
23 21	13 23-2372	EA	2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld	112.97	28.09
23 21 13 23-2373 Tees (23 21 13 23-2354)					
23 21	13 23-2374	EA	1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	45.07	13.85
23 21	13 23-2375	EA	3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	50.91	16.73
23 21	13 23-2376	EA	1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	72.47	22.09
23 21	13 23-2377	EA	1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	117.57	33.45
23 21	13 23-2378	EA	2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	168.28	41.55
23 21 13 23-2379 Reducing Tees (23 21 13 23-2354)					
23 21	13 23-2380	EA	3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	51.23	15.56
23 21	13 23-2381	EA	1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	69.58	18.13
23 21	13 23-2382	EA	1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	71.92	19.69

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST
DESCRIPTION			
23 21 13 23-2383	EA	1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	120.05 28.00
23 21 13 23-2384	EA	2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	177.10 37.35
23 21 13 23-2385		Socket Weld Reducing Couplings (23 21 13 23-2354)	
23 21 13 23-2386	EA	3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	28.44 9.88
23 21 13 23-2387	EA	1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	35.71 11.44
23 21 13 23-2388	EA	1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	39.53 12.99
23 21 13 23-2389	EA	1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	57.77 15.56
23 21 13 23-2390	EA	1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	62.06 17.12
23 21 13 23-2391	EA	1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	63.61 18.13
23 21 13 23-2392	EA	2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	89.53 25.44
23 21 13 23-2393		Male Adapters, Socket Weld X Male Thread (23 21 13 23-2354)	
23 21 13 23-2394	EA	1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	36.88 8.40
23 21 13 23-2395	EA	3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	47.38 11.13
23 21 13 23-2396	EA	1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	55.17 13.85
23 21 13 23-2397	EA	1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	73.51 22.09
23 21 13 23-2398	EA	2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	98.59 28.00
23 21 13 23-2399		Female Adapters, Socket Weld X Female Thread (23 21 13 23-2354)	
23 21 13 23-2400	EA	1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	36.88 8.40
23 21 13 23-2401	EA	3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	47.50 11.13
23 21 13 23-2402	EA	1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	55.17 13.85
23 21 13 23-2403	EA	1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	73.51 22.09
23 21 13 23-2404	EA	2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	98.63 28.09
23 21 13 23-2405		Socket Weld Couplings (23 21 13 23-2354)	
23 21 13 23-2406	EA	1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	21.16 8.40
23 21 13 23-2407	EA	3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	27.41 11.13
23 21 13 23-2408	EA	1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	35.09 13.85
23 21 13 23-2409	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	62.95 22.09
23 21 13 23-2410	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	85.09 28.09
23 21 13 23-2411		Socket Weld Unions (23 21 13 23-2354)	
23 21 13 23-2412	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	74.11 13.85
23 21 13 23-2413	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	88.90 16.73
23 21 13 23-2414	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	126.87 22.09
23 21 13 23-2415	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	219.48 33.45
23 21 13 23-2416	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	270.54 41.55
23 21 13 23-2417		Caps (23 21 13 23-2354)	
23 21 13 23-2418	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	21.19 8.50
23 21 13 23-2419	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	29.08 11.13
23 21 13 23-2420	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	36.35 13.85
23 21 13 23-2421	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	61.80 22.09
23 21 13 23-2422	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	84.28 28.09
23 21 13 23-2423		150 LB Socket Weld Flanges (23 21 13 23-2354)	
23 21 13 23-2424	EA	1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	52.99 14.01
23 21 13 23-2425	EA	3/4" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	66.41 16.58
23 21 13 23-2426	EA	1" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	87.51 22.33
23 21 13 23-2427	EA	1-1/2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	127.09 33.76
23 21 13 23-2428	EA	2" Flange, 150 LB Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	194.22 41.55
23 21 13 23-2429		Polyethylene Pipe And Fittings (23 21 13 23)	
23 21 13 23-2430		Small Diameter Tubing (23 21 13 23-2429)	
23 21 13 23-2431		Tubing (23 21 13 23-2430)	
23 21 13 23-2432	LF	1/4" Polyethylene Tubing.....	2.40
		For Work In Restricted Working Space, Add	0.71
23 21 13 23-2433	LF	5/16" Polyethylene Tubing.....	2.49
		For Work In Restricted Working Space, Add	0.72
23 21 13 23-2434	LF	3/8" Polyethylene Tubing.....	2.56
		For Work In Restricted Working Space, Add	0.74
23 21 13 23-2435	LF	1/2" Polyethylene Tubing.....	2.73
		For Work In Restricted Working Space, Add	0.80
23 21 13 23-2436		Chrome Plated Pipe (23 21 13 23)	
23 21 13 23-2437		Chrome Plated Nipples (23 21 13 23-2436)	
23 21 13 23-2438		Close (23 21 13 23-2437)	
23 21 13 23-2439	EA	1/4" Diameter Chrome Plated Nipple, Close.....	13.48 6.76
23 21 13 23-2440	EA	3/8" Diameter Chrome Plated Nipple, Close.....	13.41 7.36
23 21 13 23-2441	EA	1/2" Diameter Chrome Plated Nipple, Close.....	16.28 8.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2442 EA 3/4" Diameter Chrome Plated Nipple, Close.....	21.12	10.73
23 21 13 23-2443 EA 1" Diameter Chrome Plated Nipple, Close.....	28.13	14.11
23 21 13 23-2444 EA 1-1/4" Diameter Chrome Plated Nipple, Close.....	39.71	19.70
23 21 13 23-2445 EA 1-1/2" Diameter Chrome Plated Nipple, Close.....	47.87	23.07
23 21 13 23-2446 EA 2" Diameter Chrome Plated Nipple, Close.....	61.07	28.74
23 21 13 23-2447 1-1/2" Nipples (23 21 13 23-2437)		
23 21 13 23-2448 EA 1/4" Diameter Chrome Plated Nipple, 1-1/2" Length.....	14.28	7.02
23 21 13 23-2449 EA 3/8" Diameter Chrome Plated Nipple, 1-1/2" Length.....	14.08	7.61
23 21 13 23-2450 EA 1/2" Diameter Chrome Plated Nipple, 1-1/2" Length.....	16.72	8.71
23 21 13 23-2451 EA 3/4" Diameter Chrome Plated Nipple, 1-1/2" Length.....	21.80	10.99
23 21 13 23-2452 2" Nipples (23 21 13 23-2437)		
23 21 13 23-2453 EA 1/4" Diameter Chrome Plated Nipple, 2" Length.....	14.86	7.36
23 21 13 23-2454 EA 3/8" Diameter Chrome Plated Nipple, 2" Length.....	14.58	7.86
23 21 13 23-2455 EA 1/2" Diameter Chrome Plated Nipple, 2" Length.....	17.77	9.04
23 21 13 23-2456 EA 3/4" Diameter Chrome Plated Nipple, 2" Length.....	22.74	11.24
23 21 13 23-2457 EA 1" Diameter Chrome Plated Nipple, 2" Length.....	29.60	14.62
23 21 13 23-2458 EA 1-1/4" Diameter Chrome Plated Nipple, 2" Length.....	41.90	20.28
23 21 13 23-2459 EA 1-1/2" Diameter Chrome Plated Nipple, 2" Length.....	50.35	23.66
23 21 13 23-2460 2-1/2" Nipples (23 21 13 23-2437)		
23 21 13 23-2461 EA 1/4" Diameter Chrome Plated Nipple, 2-1/2" Length.....	15.64	7.61
23 21 13 23-2462 EA 3/8" Diameter Chrome Plated Nipple, 2-1/2" Length.....	15.12	8.20
23 21 13 23-2463 EA 1/2" Diameter Chrome Plated Nipple, 2-1/2" Length.....	18.48	9.30
23 21 13 23-2464 EA 3/4" Diameter Chrome Plated Nipple, 2-1/2" Length.....	23.29	11.58
23 21 13 23-2465 EA 1" Diameter Chrome Plated Nipple, 2-1/2" Length.....	30.37	14.96
23 21 13 23-2466 EA 1-1/4" Diameter Chrome Plated Nipple, 2-1/2" Length.....	43.84	20.54
23 21 13 23-2467 EA 1-1/2" Diameter Chrome Plated Nipple, 2-1/2" Length.....	52.90	23.92
23 21 13 23-2468 EA 2" Diameter Chrome Plated Nipple, 2-1/2" Length.....	66.77	29.58
23 21 13 23-2469 3" Nipples (23 21 13 23-2437)		
23 21 13 23-2470 EA 1/4" Diameter Chrome Plated Nipple, 3" Length.....	16.26	7.86
23 21 13 23-2471 EA 3/8" Diameter Chrome Plated Nipple, 3" Length.....	15.89	8.45
23 21 13 23-2472 EA 1/2" Diameter Chrome Plated Nipple, 3" Length.....	18.14	9.04
23 21 13 23-2473 EA 3/4" Diameter Chrome Plated Nipple, 3" Length.....	24.75	11.84
23 21 13 23-2474 EA 1" Diameter Chrome Plated Nipple, 3" Length.....	33.19	15.21
23 21 13 23-2475 EA 1-1/4" Diameter Chrome Plated Nipple, 3" Length.....	45.98	20.88
23 21 13 23-2476 EA 1-1/2" Diameter Chrome Plated Nipple, 3" Length.....	58.69	24.26
23 21 13 23-2477 EA 2" Diameter Chrome Plated Nipple, 3" Length.....	71.33	29.92
23 21 13 23-2478 3-1/2" Nipples (23 21 13 23-2437)		
23 21 13 23-2479 EA 1/4" Diameter Chrome Plated Nipple, 3-1/2" Length.....	16.97	8.20
23 21 13 23-2480 EA 3/8" Diameter Chrome Plated Nipple, 3-1/2" Length.....	17.09	8.71
23 21 13 23-2481 EA 1/2" Diameter Chrome Plated Nipple, 3-1/2" Length.....	19.95	9.88
23 21 13 23-2482 EA 3/4" Diameter Chrome Plated Nipple, 3-1/2" Length.....	26.86	12.09
23 21 13 23-2483 EA 1" Diameter Chrome Plated Nipple, 3-1/2" Length.....	34.38	15.47
23 21 13 23-2484 EA 1-1/4" Diameter Chrome Plated Nipple, 3-1/2" Length.....	49.97	21.13
23 21 13 23-2485 EA 1-1/2" Diameter Chrome Plated Nipple, 3-1/2" Length.....	60.54	24.51
23 21 13 23-2486 EA 2" Diameter Chrome Plated Nipple, 3-1/2" Length.....	75.01	30.18
23 21 13 23-2487 4" Nipples (23 21 13 23-2437)		
23 21 13 23-2488 EA 1/4" Diameter Chrome Plated Nipple, 4" Length.....	17.65	8.45
23 21 13 23-2489 EA 3/8" Diameter Chrome Plated Nipple, 4" Length.....	17.54	9.04
23 21 13 23-2490 EA 1/2" Diameter Chrome Plated Nipple, 4" Length.....	19.91	9.55
23 21 13 23-2491 EA 3/4" Diameter Chrome Plated Nipple, 4" Length.....	27.77	12.42
23 21 13 23-2492 EA 1" Diameter Chrome Plated Nipple, 4" Length.....	35.52	15.80
23 21 13 23-2493 EA 1-1/4" Diameter Chrome Plated Nipple, 4" Length.....	53.05	21.38
23 21 13 23-2494 EA 1-1/2" Diameter Chrome Plated Nipple, 4" Length.....	64.17	24.76
23 21 13 23-2495 EA 2" Diameter Chrome Plated Nipple, 4" Length.....	79.45	30.43
23 21 13 23-2496 4-1/2" Nipples (23 21 13 23-2437)		
23 21 13 23-2497 EA 1/4" Diameter Chrome Plated Nipple, 4-1/2" Length.....	18.28	8.71
23 21 13 23-2498 EA 3/8" Diameter Chrome Plated Nipple, 4-1/2" Length.....	18.77	9.30
23 21 13 23-2499 EA 1/2" Diameter Chrome Plated Nipple, 4-1/2" Length.....	21.79	10.40
23 21 13 23-2500 EA 3/4" Diameter Chrome Plated Nipple, 4-1/2" Length.....	28.82	12.68
23 21 13 23-2501 EA 1" Diameter Chrome Plated Nipple, 4-1/2" Length.....	39.08	16.05
23 21 13 23-2502 EA 1-1/4" Diameter Chrome Plated Nipple, 4-1/2" Length.....	56.01	21.70
23 21 13 23-2503 EA 1-1/2" Diameter Chrome Plated Nipple, 4-1/2" Length.....	65.87	25.12
23 21 13 23-2504 EA 2" Diameter Chrome Plated Nipple, 4-1/2" Length.....	83.56	30.77
23 21 13 23-2505 5" Nipples (23 21 13 23-2437)		
23 21 13 23-2506 EA 1/4" Diameter Chrome Plated Nipple, 5" Length.....	20.05	9.04
23 21 13 23-2507 EA 3/8" Diameter Chrome Plated Nipple, 5" Length.....	19.57	9.55
23 21 13 23-2508 EA 1/2" Diameter Chrome Plated Nipple, 5" Length.....	22.51	10.73
23 21 13 23-2509 EA 3/4" Diameter Chrome Plated Nipple, 5" Length.....	29.82	12.93

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21	13 23-2510	EA	1" Diameter Chrome Plated Nipple, 5" Length.....	41.29	16.32
23 21	13 23-2511	EA	1-1/4" Diameter Chrome Plated Nipple, 5" Length.....	58.73	21.97
23 21	13 23-2512	EA	1-1/2" Diameter Chrome Plated Nipple, 5" Length.....	69.52	25.35
23 21	13 23-2513	EA	2" Diameter Chrome Plated Nipple, 5" Length.....	86.26	31.02
23 21	13 23-2514		5-1/2" Nipples (23 21 13 23-2437)		
23 21	13 23-2515	EA	1/4" Diameter Chrome Plated Nipple, 5-1/2" Length.....	20.70	9.30
23 21	13 23-2516	EA	3/8" Diameter Chrome Plated Nipple, 5-1/2" Length.....	20.24	9.88
23 21	13 23-2517	EA	1/2" Diameter Chrome Plated Nipple, 5-1/2" Length.....	24.26	10.99
23 21	13 23-2518	EA	3/4" Diameter Chrome Plated Nipple, 5-1/2" Length.....	30.83	13.27
23 21	13 23-2519	EA	1" Diameter Chrome Plated Nipple, 5-1/2" Length.....	42.53	16.65
23 21	13 23-2520	EA	1-1/4" Diameter Chrome Plated Nipple, 5-1/2" Length.....	61.97	22.22
23 21	13 23-2521	EA	1-1/2" Diameter Chrome Plated Nipple, 5-1/2" Length.....	72.44	25.61
23 21	13 23-2522	EA	2" Diameter Chrome Plated Nipple, 5-1/2" Length.....	89.67	31.27
23 21	13 23-2523		6" Nipples (23 21 13 23-2437)		
23 21	13 23-2524	EA	1/4" Diameter Chrome Plated Nipple, 6" Length.....	21.42	9.55
23 21	13 23-2525	EA	3/8" Diameter Chrome Plated Nipple, 6" Length.....	20.70	10.15
23 21	13 23-2526	EA	1/2" Diameter Chrome Plated Nipple, 6" Length.....	24.97	11.24
23 21	13 23-2527	EA	3/4" Diameter Chrome Plated Nipple, 6" Length.....	31.67	13.53
23 21	13 23-2528	EA	1" Diameter Chrome Plated Nipple, 6" Length.....	45.98	16.90
23 21	13 23-2529	EA	1-1/4" Diameter Chrome Plated Nipple, 6" Length.....	64.04	22.57
23 21	13 23-2530	EA	1-1/2" Diameter Chrome Plated Nipple, 6" Length.....	76.88	25.95
23 21	13 23-2531	EA	2" Diameter Chrome Plated Nipple, 6" Length.....	92.79	31.62
23 21	13 23-2532		8" Nipples (23 21 13 23-2437)		
23 21	13 23-2533	EA	3/8" Diameter Chrome Plated Nipple, 8" Length.....	23.93	10.73
23 21	13 23-2534	EA	1/2" Diameter Chrome Plated Nipple, 8" Length.....	33.20	11.84
23 21	13 23-2535	EA	3/4" Diameter Chrome Plated Nipple, 8" Length.....	40.21	14.11
23 21	13 23-2536	EA	1" Diameter Chrome Plated Nipple, 8" Length.....	52.76	17.49
23 21	13 23-2537	EA	1-1/4" Diameter Chrome Plated Nipple, 8" Length.....	74.62	23.07
23 21	13 23-2538	EA	1-1/2" Diameter Chrome Plated Nipple, 8" Length.....	90.63	26.45
23 21	13 23-2539	EA	2" Diameter Chrome Plated Nipple, 8" Length.....	111.38	32.12
23 21	13 23-2540		10" Nipples (23 21 13 23-2437)		
23 21	13 23-2541	EA	3/8" Diameter Chrome Plated Nipple, 10" Length.....	26.72	10.73
23 21	13 23-2542	EA	1/2" Diameter Chrome Plated Nipple, 10" Length.....	36.70	11.84
23 21	13 23-2543	EA	3/4" Diameter Chrome Plated Nipple, 10" Length.....	44.27	14.11
23 21	13 23-2544	EA	1" Diameter Chrome Plated Nipple, 10" Length.....	58.90	17.49
23 21	13 23-2545	EA	1-1/4" Diameter Chrome Plated Nipple, 10" Length.....	87.77	23.07
23 21	13 23-2546	EA	1-1/2" Diameter Chrome Plated Nipple, 10" Length.....	100.65	26.45
23 21	13 23-2547	EA	2" Diameter Chrome Plated Nipple, 10" Length.....	127.39	32.12
23 21	13 23-2548		12" Nipples (23 21 13 23-2437)		
23 21	13 23-2549	EA	3/8" Diameter Chrome Plated Nipple, 12" Length.....	29.75	11.84
23 21	13 23-2550	EA	1/2" Diameter Chrome Plated Nipple, 12" Length.....	38.43	12.42
23 21	13 23-2551	EA	3/4" Diameter Chrome Plated Nipple, 12" Length.....	48.39	14.62
23 21	13 23-2552	EA	1" Diameter Chrome Plated Nipple, 12" Length.....	68.10	18.59
23 21	13 23-2553	EA	1-1/4" Diameter Chrome Plated Nipple, 12" Length.....	97.55	24.26
23 21	13 23-2554	EA	2" Diameter Chrome Plated Nipple, 12" Length.....	141.95	33.30
23 21	13 23-2555		18" Nipples (23 21 13 23-2437)		
23 21	13 23-2556	EA	3/8" Diameter Chrome Plated Nipple, 18" Length.....	36.48	12.42
23 21	13 23-2557		24" Nipples (23 21 13 23-2437)		
23 21	13 23-2558	EA	3/8" Diameter Chrome Plated Nipple, 24" Length.....	42.93	12.93
23 21	13 23-2559		30" Nipples (23 21 13 23-2437)		
23 21	13 23-2560	EA	3/8" Diameter Chrome Plated Nipple, 30" Length.....	47.15	13.53
23 21	13 23-2561		36" Nipples (23 21 13 23-2437)		
23 21	13 23-2562	EA	3/8" Diameter Chrome Plated Nipple, 36" Length.....	51.39	14.11
23 21	13 23-2563		Chrome Plated Fittings (23 21 13 23-2436)		
23 21	13 23-2564		Chrome Plated 90 Degree Elbows (23 21 13 23-2563)		
23 21	13 23-2565	EA	1/4" 90 Degree Elbow, Chrome Plated.....	16.52	7.86
23 21	13 23-2566	EA	3/8" 90 Degree Elbow, Chrome Plated.....	17.06	8.45
23 21	13 23-2567	EA	1/2" 90 Degree Elbow, Chrome Plated.....	18.94	9.04
23 21	13 23-2568	EA	3/4" 90 Degree Elbow, Chrome Plated.....	24.34	11.84
23 21	13 23-2569	EA	1" 90 Degree Elbow, Chrome Plated.....	32.60	15.21
23 21	13 23-2570	EA	1-1/4" 90 Degree Elbow, Chrome Plated.....	48.80	20.88
23 21	13 23-2571	EA	1-1/2" 90 Degree Elbow, Chrome Plated.....	58.21	24.26

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2572	EA	2" 90 Degree Elbow, Chrome Plated	77.93	29.92
23 21 13 23-2573		Chrome Plated Street 90 Degree Elbows (23 21 13 23-2563)		
23 21 13 23-2574	EA	1/4" Street 90 Degree Elbow, Chrome Plated.....	18.48	7.86
23 21 13 23-2575	EA	3/8" Street 90 Degree Elbow, Chrome Plated.....	19.21	8.45
23 21 13 23-2576	EA	1/2" Street 90 Degree Elbow, Chrome Plated.....	20.43	9.04
23 21 13 23-2577	EA	3/4" Street 90 Degree Elbow, Chrome Plated.....	26.54	11.84
23 21 13 23-2578	EA	1" Street 90 Degree Elbow, Chrome Plated.....	36.67	15.21
23 21 13 23-2579	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated	52.97	20.88
23 21 13 23-2580	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated	64.05	24.26
23 21 13 23-2581	EA	2" Street 90 Degree Elbow, Chrome Plated.....	91.70	29.92
23 21 13 23-2582		Chrome Plated 45 Degree Elbows (23 21 13 23-2563)		
23 21 13 23-2583	EA	1/4" 45 Degree Elbow, Chrome Plated.....	16.95	7.86
23 21 13 23-2584	EA	3/8" 45 Degree Elbow, Chrome Plated	17.68	8.45
23 21 13 23-2585	EA	1/2" 45 Degree Elbow, Chrome Plated	19.38	9.04
23 21 13 23-2586	EA	3/4" 45 Degree Elbow, Chrome Plated	26.02	11.84
23 21 13 23-2587	EA	1" 45 Degree Elbow, Chrome Plated	34.49	15.21
23 21 13 23-2588	EA	1-1/4" 45 Degree Elbow, Chrome Plated	51.06	20.88
23 21 13 23-2589	EA	1-1/2" 45 Degree Elbow, Chrome Plated	61.23	24.26
23 21 13 23-2590	EA	2" 45 Degree Elbow, Chrome Plated	86.26	29.92
23 21 13 23-2591		Chrome Plated Street 45 Degree Elbows (23 21 13 23-2563)		
23 21 13 23-2592	EA	1/2" Street 45 Degree Elbow, Chrome Plated.....	22.07	9.04
23 21 13 23-2593		Chrome Plated Couplings (23 21 13 23-2563)		
23 21 13 23-2594	EA	1/4" Coupling, Chrome Plated	16.25	7.86
23 21 13 23-2595	EA	3/8" Coupling, Chrome Plated	17.09	8.45
23 21 13 23-2596	EA	1/2" Coupling, Chrome Plated	19.04	9.04
23 21 13 23-2597	EA	3/4" Coupling, Chrome Plated	24.38	11.84
23 21 13 23-2598	EA	1" Coupling, Chrome Plated	31.67	15.21
23 21 13 23-2599	EA	1-1/4" Coupling, Chrome Plated	45.41	20.88
23 21 13 23-2600	EA	1-1/2" Coupling, Chrome Plated	55.37	24.26
23 21 13 23-2601	EA	2" Coupling, Chrome Plated	74.48	29.92
23 21 13 23-2602		Chrome Plated Unions (23 21 13 23-2563)		
23 21 13 23-2603	EA	1/4" Union, Chrome Plated	24.18	9.04
23 21 13 23-2604	EA	3/8" Union, Chrome Plated	25.04	9.55
23 21 13 23-2605	EA	1/2" Union, Chrome Plated	29.80	10.73
23 21 13 23-2606	EA	3/4" Union, Chrome Plated	37.39	14.11
23 21 13 23-2607	EA	1" Union, Chrome Plated	47.40	18.01
23 21 13 23-2608	EA	1-1/4" Union, Chrome Plated	74.24	24.26
23 21 13 23-2609	EA	1-1/2" Union, Chrome Plated	91.69	28.74
23 21 13 23-2610	EA	2" Union, Chrome Plated	118.30	34.99
23 21 13 23-2611		Chrome Plated Caps (23 21 13 23-2563)		
23 21 13 23-2612	EA	1/4" Cap, Chrome Plated.....	10.22	3.98
23 21 13 23-2613	EA	3/8" Cap, Chrome Plated.....	10.64	4.23
23 21 13 23-2614	EA	1/2" Cap, Chrome Plated.....	11.98	4.48
23 21 13 23-2615	EA	3/4" Cap, Chrome Plated.....	15.10	5.92
23 21 13 23-2616	EA	1" Cap, Chrome Plated	18.24	7.61
23 21 13 23-2617	EA	1-1/4" Cap, Chrome Plated.....	26.52	10.40
23 21 13 23-2618	EA	1-1/2" Cap, Chrome Plated.....	34.09	12.09
23 21 13 23-2619	EA	2" Cap, Chrome Plated.....	48.86	15.80
23 21 13 23-2620		Chrome Plated Plugs (23 21 13 23-2563)		
23 21 13 23-2621	EA	1/4" Plug, Chrome Plated	8.73	3.98
23 21 13 23-2622	EA	3/8" Plug, Chrome Plated	9.15	4.23
23 21 13 23-2623	EA	1/2" Plug, Chrome Plated	10.41	4.48
23 21 13 23-2624	EA	3/4" Plug, Chrome Plated	13.98	5.92
23 21 13 23-2625	EA	1" Plug, Chrome Plated	17.39	7.61
23 21 13 23-2626	EA	1-1/4" Plug, Chrome Plated	23.57	10.40
23 21 13 23-2627	EA	1-1/2" Plug, Chrome Plated	28.69	12.09
23 21 13 23-2628	EA	2" Plug, Chrome Plated	39.47	15.80
23 21 13 23-2629		Chrome Plated Tees (23 21 13 23-2563)		
23 21 13 23-2630	EA	1/4" Tee, Chrome Plated	23.39	11.84
23 21 13 23-2631	EA	3/8" Tee, Chrome Plated	25.08	12.93
23 21 13 23-2632	EA	1/2" Tee, Chrome Plated	27.77	14.11
23 21 13 23-2633	EA	3/4" Tee, Chrome Plated	34.55	17.49
23 21 13 23-2634	EA	1" Tee, Chrome Plated	47.94	22.57
23 21 13 23-2635	EA	1-1/4" Tee, Chrome Plated	66.04	31.02
23 21 13 23-2636	EA	1-1/2" Tee, Chrome Plated	82.67	36.09
23 21 13 23-2637	EA	2" Tee, Chrome Plated	110.83	44.54

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2638					Chrome Plated Reducing 90 Degree Elbows (23 21 13 23-2638)		
23 21 13 23-2639	EA				1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	26.77	14.11
23 21 13 23-2640	EA				3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	31.84	17.49
23 21 13 23-2641					Chrome Plated Bell Reducers (23 21 13 23-2641)		
23 21 13 23-2642	EA				1/2" x 3/8" Bell Reducer, Chrome Plated	28.58	14.11
23 21 13 23-2643	EA				3/4" x 1/2" Bell Reducer, Chrome Plated	34.96	17.49
23 21 13 23-2644	EA				1" x 1/2" Bell Reducer, Chrome Plated	44.60	22.57
23 21 13 23-2645					Chrome Plated Reducing Tees (23 21 13 23-2645)		
23 21 13 23-2646	EA				3/4" x 1/2" Reducing Tee, Chrome Plated	37.26	17.49
23 21 13 23-2647					Chrome Plated Bushings (23 21 13 23-2647)		
23 21 13 23-2648	EA				3/8" x 1/4" Bushing, Chrome Plated	8.68	3.98
23 21 13 23-2649	EA				1/2" x 1/4" Bushing, Chrome Plated	9.33	4.23
23 21 13 23-2650	EA				1/2" x 3/8" Bushing, Chrome Plated	9.75	4.48
23 21 13 23-2651	EA				3/4" x 1/2" Bushing, Chrome Plated	12.50	5.92
23 21 13 23-2652	EA				1" x 3/4" Bushing, Chrome Plated	17.68	7.61
23 21 13 23-2653	EA				1-1/4" x 1" Bushing, Chrome Plated	25.51	10.40
23 21 13 23-2654					Aluminum Tubing Assemblies (23 21 13 23-2654)		
Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2655	LF				1/8" Inside Diameter Aluminum Pipe/Tubing Assembly	6.60	2.96
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2656	LF				3/16" Inside Diameter Aluminum Pipe/Tubing Assembly	7.54	3.38
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2657	LF				1/4" Inside Diameter Aluminum Pipe/Tubing Assembly	8.42	3.80
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2658	LF				5/16" Inside Diameter Aluminum Pipe/Tubing Assembly	9.29	4.23
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2659	LF				3/8" Inside Diameter Aluminum Pipe/Tubing Assembly	10.26	4.65
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2660	LF				1/2" Inside Diameter Aluminum Pipe/Tubing Assembly	11.48	5.07
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2661	LF				5/8" Inside Diameter Aluminum Pipe/Tubing Assembly	13.33	5.83
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2662	LF				3/4" Inside Diameter Aluminum Pipe/Tubing Assembly	15.77	6.62
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2663	LF				7/8" Inside Diameter Aluminum Pipe/Tubing Assembly	17.98	7.39
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.							
23 21 13 23-2664	LF				1" Inside Diameter Aluminum Pipe/Tubing Assembly	20.35	7.78
23 21 16					Hydronic Piping Specialties (23 21)		
23 21 16 00-0001					Y-Type Strainers (23 21 16)		
23 21 16 00-0002					Screwed Ends, 250 LB, Iron Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0003	EA				1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	42.85	9.46
For Galvanized Body, Add						7.90	
For Work In Restricted Working Space, Add						8.12	
23 21 16 00-0004	EA				1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	43.27	9.64
For Galvanized Body, Add						7.90	
For Work In Restricted Working Space, Add						8.24	
23 21 16 00-0005	EA				3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	56.06	13.02
For Galvanized Body, Add						9.43	
For Work In Restricted Working Space, Add						11.16	
23 21 16 00-0006	EA				1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	69.86	15.56
For Galvanized Body, Add						12.74	
For Work In Restricted Working Space, Add						13.32	
23 21 16 00-0007	EA				1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	89.85	19.23
For Galvanized Body, Add						17.45	
For Work In Restricted Working Space, Add						16.49	
23 21 16 00-0008	EA				1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	101.21	20.71
For Galvanized Body, Add						21.01	
For Work In Restricted Working Space, Add						17.76	
23 21 16 00-0009	EA				2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	132.33	23.67
For Galvanized Body, Add						32.35	
For Work In Restricted Working Space, Add						20.29	
23 21 16 00-0010	EA				2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	229.97	29.59
For Galvanized Body, Add						72.71	
For Work In Restricted Working Space, Add						25.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0011	EA		3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	295.68 95.00 31.71	37.03
23 21 16 00-0012			Flanged, 125 LB, Iron Body , Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0013	EA		1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.38 45.92 25.37	42.28
23 21 16 00-0014	EA		2" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	205.06 49.69 31.71	52.84
23 21 16 00-0015	EA		3" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	406.00 118.45 50.73	84.55
23 21 16 00-0016	EA		4" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	480.21 134.42 63.41	105.69
23 21 16 00-0017	EA		5" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	603.70 150.38 90.88	151.47
23 21 16 00-0018	EA		6" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	726.96 186.77 106.03	176.46
23 21 16 00-0019	EA		8" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,159.78 367.84 127.23	212.06
23 21 16 00-0020	EA		10" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,169.81 819.84 159.04	265.07
23 21 16 00-0021	EA		12" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Galvanized Body, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,462.25 852.45 227.21	378.67
23 21 16 00-0022			Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0023	EA		1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.27 21.74 8.24	9.64
23 21 16 00-0024	EA		3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.84 28.27 11.16	13.02
23 21 16 00-0025	EA		1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.33 35.60 13.32	15.56
23 21 16 00-0026	EA		1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.18 44.57 16.49	19.23
23 21 16 00-0027	EA		1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.24 57.89 17.76	20.71
23 21 16 00-0028	EA		2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.96 94.04 20.29	23.67
23 21 16 00-0029	EA		2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.84 155.19 25.37	29.59
23 21 16 00-0030	EA		3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	294.97 321.78 31.71	37.03
23 21 16 00-0031	EA		4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	486.06 610.69 38.05	44.39
23 21 16 00-0032			Flanged, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0001) Note: With bolted cap.		
23 21 16 00-0033	EA		2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	264.58 95.33 31.71	52.84
23 21 16 00-0034	EA		2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	299.70 97.13 41.35	68.91
23 21 16 00-0035	EA		3" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	354.47 111.22 50.73	84.55
23 21 16 00-0036	EA		4" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	661.80 270.25 63.41	105.69
23 21 16 00-0037	EA		6" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,036.19 409.66 106.03	176.46
23 21 16 00-0038	EA		8" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,589.30 699.11 127.23	212.06
23 21 16 00-0039	EA		10" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,712.17 2,509.22 159.04	265.07

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0040			Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0041			Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0042	EA		1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	61.04	9.30
			<i>For Work In Restricted Working Space, Add</i>	8.12	
23 21 16 00-0043	EA		3/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	74.33	12.76
			<i>For Work In Restricted Working Space, Add</i>	10.91	
23 21 16 00-0044	EA		1" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	91.32	17.32
			<i>For Work In Restricted Working Space, Add</i>	14.96	
23 21 16 00-0045	EA		1-1/4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	129.37	18.59
			<i>For Work In Restricted Working Space, Add</i>	15.98	
23 21 16 00-0046	EA		1-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	132.92	20.12
			<i>For Work In Restricted Working Space, Add</i>	17.24	
23 21 16 00-0047	EA		2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	154.50	22.82
			<i>For Work In Restricted Working Space, Add</i>	19.52	
23 21 16 00-0048	EA		2-1/2" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	297.35	29.58
			<i>For Work In Restricted Working Space, Add</i>	25.36	
23 21 16 00-0049	EA		3" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	305.18	37.02
			<i>For Work In Restricted Working Space, Add</i>	31.70	
23 21 16 00-0050	EA		4" Threaded Or Socket, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	461.96	39.39
			<i>For Work In Restricted Working Space, Add</i>	33.72	
23 21 16 00-0051			Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainers (23 21 16 00-0040)		
23 21 16 00-0052	EA		2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	254.19	52.82
			<i>For Work In Restricted Working Space, Add</i>	31.70	
23 21 16 00-0053	EA		2-1/2" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	462.18	68.89
			<i>For Work In Restricted Working Space, Add</i>	41.33	
23 21 16 00-0054	EA		3" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	477.20	84.52
			<i>For Work In Restricted Working Space, Add</i>	50.71	
23 21 16 00-0055	EA		4" Flanged, Polyvinyl Chloride (PVC) Body, Y-Type Strainer.....	707.91	105.65
			<i>For Work In Restricted Working Space, Add</i>	63.39	
23 21 16 00-0056			Class 125, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001)		
			Note: Nibco®		
23 21 16 00-0057	EA		1/2" Class 125, Crimped Bronze Body, Y-Type Strainer.....	94.66	8.45
			<i>For Work In Restricted Working Space, Add</i>	5.70	
23 21 16 00-0058	EA		3/4" Class 125, Crimped Bronze Body, Y-Type Strainer.....	109.58	9.30
			<i>For Work In Restricted Working Space, Add</i>	6.50	
23 21 16 00-0059	EA		1" Class 125, Crimped Bronze Body, Y-Type Strainer.....	154.95	10.57
			<i>For Work In Restricted Working Space, Add</i>	7.77	
23 21 16 00-0060	EA		1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer.....	206.43	11.24
			<i>For Work In Restricted Working Space, Add</i>	8.56	
23 21 16 00-0061	EA		1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer.....	247.97	13.01
			<i>For Work In Restricted Working Space, Add</i>	9.51	
23 21 16 00-0062	EA		2" Class 125, Crimped Bronze Body, Y-Type Strainer.....	365.34	15.38
			<i>For Work In Restricted Working Space, Add</i>	11.41	
23 21 16 00-0063			250 PSI, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0001)		
23 21 16 00-0064	EA		1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	72.34	8.45
23 21 16 00-0065	EA		3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	88.89	9.30
23 21 16 00-0066	EA		1" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	132.54	10.57
23 21 16 00-0067	EA		1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	163.19	11.24
23 21 16 00-0068	EA		1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	195.64	13.01
23 21 16 00-0069	EA		2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	258.30	15.38
23 21 16 00-0070			Cast Iron Body, Suction Diffusers (23 21 16)		
			Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0071	EA		2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser.....	360.97	33.31
			<i>For Work In Restricted Working Space, Add</i>	16.31	
23 21 16 00-0072	EA		2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser.....	379.27	36.95
			<i>For Work In Restricted Working Space, Add</i>	18.12	
23 21 16 00-0073	EA		2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser.....	385.38	38.81
			<i>For Work In Restricted Working Space, Add</i>	19.03	
23 21 16 00-0074	EA		2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	647.72	43.63
			<i>For Work In Restricted Working Space, Add</i>	21.39	
23 21 16 00-0075	EA		3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser.....	398.69	45.15
			<i>For Work In Restricted Working Space, Add</i>	22.10	
23 21 16 00-0076	EA		3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser.....	450.81	45.15
			<i>For Work In Restricted Working Space, Add</i>	22.10	
23 21 16 00-0077	EA		3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	680.62	50.65
			<i>For Work In Restricted Working Space, Add</i>	24.82	
23 21 16 00-0078	EA		3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	687.27	52.84
			<i>For Work In Restricted Working Space, Add</i>	25.89	
23 21 16 00-0079	EA		4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	835.15	77.70
			<i>For Work In Restricted Working Space, Add</i>	38.06	
23 21 16 00-0080	EA		4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	966.58	92.41
			<i>For Work In Restricted Working Space, Add</i>	45.30	
23 21 16 00-0081	EA		6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	1,204.73	140.64
			<i>For Work In Restricted Working Space, Add</i>	68.91	
23 21 16 00-0082	EA		6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser.....	1,457.44	154.58
			<i>For Work In Restricted Working Space, Add</i>	75.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0083	EA		8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	1,588.91 81.14	165.64
23 21 16 00-0084	EA		8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	2,568.80 90.88	185.48
23 21 16 00-0085	EA		10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	2,894.79 102.21	208.57
23 21 16 00-0086	EA		10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser <i>For Work In Restricted Working Space, Add</i>	3,450.92 113.60	231.82
23 21 16 00-0087			Duplex Strainers (23 21 16)		
23 21 16 00-0088			Iron Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0089			Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers (23 21 16 00-0088) Note: With brass or stainless steel basket.		
23 21 16 00-0090	EA		3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	368.29 12.64	21.05
23 21 16 00-0091	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	411.76 14.47	24.10
23 21 16 00-0092	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	554.35 16.99	28.32
23 21 16 00-0093	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	693.65 18.52	30.86
23 21 16 00-0094	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	926.55 22.65	37.63
23 21 16 00-0095	EA		2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,166.56 28.91	48.19
23 21 16 00-0096			Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers (23 21 16 00-0088) Note: With brass or stainless steel basket.		
23 21 16 00-0097	EA		2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,250.34 33.66	56.05
23 21 16 00-0098	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,472.42 90.09	150.16
23 21 16 00-0099	EA		3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,898.23 115.91	193.21
23 21 16 00-0100	EA		4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,782.48 121.28	201.84
23 21 16 00-0101	EA		6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	5,362.31 181.76	302.94
23 21 16 00-0102	EA		8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	9,900.14 218.11	363.53
23 21 16 00-0103	EA		10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	13,532.74 247.88	413.13
23 21 16 00-0104	EA		12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	15,203.09 320.91	534.69
23 21 16 00-0105	EA		14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	18,421.25 389.43	649.04
23 21 16 00-0106	EA		16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	23,289.93 545.42	908.82
23 21 16 00-0107			Bronze Body, Duplex Strainers (23 21 16 00-0087)		
23 21 16 00-0108			Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers (23 21 16 00-0107) Note: With brass or stainless steel basket.		
23 21 16 00-0109	EA		3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	670.66 12.64	21.14
23 21 16 00-0110	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	744.71 14.47	24.10
23 21 16 00-0111	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,084.35 16.99	28.32
23 21 16 00-0112	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,420.70 18.52	30.86
23 21 16 00-0113	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	1,833.67 22.65	37.63
23 21 16 00-0114	EA		2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,253.74 28.91	48.19
23 21 16 00-0115			Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers (23 21 16 00-0107) Note: With brass or stainless steel basket.		
23 21 16 00-0116	EA		2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,558.35 33.66	56.23
23 21 16 00-0117	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	2,814.41 90.09	150.08
23 21 16 00-0118	EA		3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	3,851.76 115.91	193.21
23 21 16 00-0119	EA		4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	5,874.15 121.28	201.84
23 21 16 00-0120	EA		6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer <i>For Work In Restricted Working Space, Add</i>	12,632.85 181.76	302.94
23 21 16 00-0121			Cast Steel Body, Duplex Strainers (23 21 16 00-0087)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 21 16 00-0122	Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0121)</small>			
	Note: With brass or stainless steel basket.			
23 21 16 00-0123	EA	1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,037.50	24.10
		<i>For Work In Restricted Working Space, Add</i>	14.47	
23 21 16 00-0124	EA	1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,276.69	28.32
		<i>For Work In Restricted Working Space, Add</i>	16.98	
23 21 16 00-0125	EA	1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	1,512.64	30.86
		<i>For Work In Restricted Working Space, Add</i>	18.52	
23 21 16 00-0126	EA	2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,548.63	37.63
		<i>For Work In Restricted Working Space, Add</i>	22.65	
23 21 16 00-0127	Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0121)</small>			
	Note: With brass or stainless steel basket.			
23 21 16 00-0128	EA	2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,601.83	56.23
		<i>For Work In Restricted Working Space, Add</i>	33.66	
23 21 16 00-0129	EA	2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,037.20	150.08
		<i>For Work In Restricted Working Space, Add</i>	90.08	
23 21 16 00-0130	EA	3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,997.22	193.21
		<i>For Work In Restricted Working Space, Add</i>	115.93	
23 21 16 00-0131	EA	4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	5,696.60	201.84
		<i>For Work In Restricted Working Space, Add</i>	121.22	
23 21 16 00-0132	EA	6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,706.36	302.94
		<i>For Work In Restricted Working Space, Add</i>	181.56	
23 21 16 00-0133	EA	8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	18,598.82	363.53
		<i>For Work In Restricted Working Space, Add</i>	217.87	
23 21 16 00-0134	Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0087)</small>			
23 21 16 00-0135	Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0134)</small>			
	Note: With stainless steel basket.			
23 21 16 00-0136	EA	1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	4,345.31	24.10
		<i>For Work In Restricted Working Space, Add</i>	14.47	
23 21 16 00-0137	EA	1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	5,491.61	28.32
		<i>For Work In Restricted Working Space, Add</i>	16.98	
23 21 16 00-0138	EA	1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,626.70	30.86
		<i>For Work In Restricted Working Space, Add</i>	18.52	
23 21 16 00-0139	EA	2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	10,619.23	37.63
		<i>For Work In Restricted Working Space, Add</i>	22.65	
23 21 16 00-0140	Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0134)</small>			
	Note: With stainless steel basket.			
23 21 16 00-0141	EA	2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,093.60	56.23
		<i>For Work In Restricted Working Space, Add</i>	33.66	
23 21 16 00-0142	EA	2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	11,838.68	150.08
		<i>For Work In Restricted Working Space, Add</i>	90.08	
23 21 16 00-0143	EA	3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	18,529.62	193.21
		<i>For Work In Restricted Working Space, Add</i>	115.93	
23 21 16 00-0144	EA	4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	22,526.02	201.84
		<i>For Work In Restricted Working Space, Add</i>	121.22	
23 21 16 00-0145	EA	6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	39,597.12	302.94
		<i>For Work In Restricted Working Space, Add</i>	181.56	
23 21 16 00-0146	EA	8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	72,980.67	363.53
		<i>For Work In Restricted Working Space, Add</i>	217.87	
23 21 16 00-0147	Horizontal Steel Expansion Tanks <small>(23 21 16)</small>			
	Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.			
23 21 16 00-0148	EA	10 Gallon Horizontal Steel Expansion Tank	434.56	84.55
23 21 16 00-0149	EA	15 Gallon Horizontal Steel Expansion Tank	609.58	105.69
23 21 16 00-0150	EA	30 Gallon Horizontal Steel Expansion Tank	794.55	126.83
23 21 16 00-0151	EA	40 Gallon Horizontal Steel Expansion Tank	915.35	147.97
23 21 16 00-0152	EA	60 Gallon Horizontal Steel Expansion Tank	1,048.72	151.47
23 21 16 00-0153	Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks <small>(23 21 16)</small>			
	Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.			
23 21 16 00-0154	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,306.83	63.42
23 21 16 00-0155	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	1,362.26	73.99
23 21 16 00-0156	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,038.95	84.55
23 21 16 00-0157	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,120.61	95.12
23 21 16 00-0158	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	2,882.02	105.69
23 21 16 00-0159	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,038.31	116.26
23 21 16 00-0160	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,616.16	126.83
23 21 16 00-0161	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	3,869.27	137.39
23 21 16 00-0162	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,265.58	147.97
23 21 16 00-0163	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	4,380.48	169.10
23 21 16 00-0164	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	5,501.90	190.25
23 21 16 00-0165	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	6,310.67	211.38
23 21 16 00-0166	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank	7,323.09	253.65

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

23 21 16 00-0167	Vertical Diaphragm Type (Bladder) Steel Expansion Tanks ^(23 21 16)		
Note: ASME. Precharged with working pressure 125 psi (Armstrong AX)			
23 21 16 00-0168	EA 8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,492.41	63.42
23 21 16 00-0169	EA 11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,537.75	73.99
23 21 16 00-0170	EA 22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,208.39	84.55
23 21 16 00-0171	EA 34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,356.62	95.12
23 21 16 00-0172	EA 44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,001.03	105.69
23 21 16 00-0173	EA 56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,155.30	116.26
23 21 16 00-0174	EA 67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,852.16	126.83
23 21 16 00-0175	EA 77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,163.77	137.39
23 21 16 00-0176	EA 91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,606.47	147.97
23 21 16 00-0177	EA 111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,715.32	169.10
23 21 16 00-0178	EA 132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,806.48	190.25
23 21 16 00-0179	EA 158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	6,740.32	211.38
23 21 16 00-0180	EA 211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	7,760.80	253.65
23 21 16 00-0181	Diaphragm Type (Residential Style) Steel Expansion Tanks ^(23 21 16)		
23 21 16 00-0182	EA 2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1)	56.48	7.78
23 21 16 00-0183	EA 4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1)	79.04	7.78
23 21 16 00-0184	Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks ^(23 21 16)		
23 21 16 00-0185	EA 15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	802.39	253.74
23 21 16 00-0186	EA 20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	832.39	253.74
23 21 16 00-0187	EA 30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	862.39	253.74
23 21 16 00-0188	EA 40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	940.38	253.74
23 21 16 00-0189	EA 47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,136.18	338.12
23 21 16 00-0190	EA 60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,315.86	338.29
23 21 16 00-0191	EA 80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,351.50	338.29
23 21 16 00-0192	EA 87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,387.13	338.29
23 21 16 00-0193	EA 120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,762.25	422.76
23 21 16 00-0194	EA 187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	4,783.44	422.76
23 21 16 00-0195	EA 264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	6,073.03	507.14
23 21 16 00-0196	Vent Valves ^(23 21 16)		
23 21 16 00-0197	EA 1/8", 1.5 PSIG Operating Pressure, Non Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	48.69	12.69
23 21 16 00-0198	EA 1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74).....	107.90	13.63
23 21 16 00-0199	EA 1/2" x 3/4", 3 PSIG Operating Pressure, Non Vacuum Main Steam Air Vent Valve (Hoffman 75).....	103.23	13.63
23 21 16 00-0200	EA 1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H).....	106.50	13.63
23 21 16 00-0201	EA 3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	135.15	13.63
23 21 16 00-0202	EA 1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	101.94	13.63
23 21 16 00-0203	Threaded Inlet, Drip-Pan Elbow ^(23 21 16)		
23 21 16 00-0204	Cast Iron, Threaded Inlet, Drip-Pan Elbow ^(23 21 16 00-0203)		
23 21 16 00-0205	EA 2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	159.42	21.28
		<i>For Flanged Inlet, Add</i>	51.10
23 21 16 00-0206	EA 3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	182.35	25.21
		<i>For Flanged Inlet, Add</i>	54.86
23 21 16 00-0207	EA 3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	226.46	29.16
		<i>For Flanged Inlet, Add</i>	74.00
23 21 16 00-0208	EA 4" Cast Iron, Threaded Inlet, Drip-Pan Elbow	325.05	33.10
		<i>For Flanged Inlet, Add</i>	130.21
23 21 16 00-0209	EA 5" Cast Iron, Threaded Inlet, Drip-Pan Elbow	369.28	39.40
		<i>For Flanged Inlet, Add</i>	143.94
23 21 16 00-0210	EA 6" Cast Iron, Threaded Inlet, Drip-Pan Elbow	506.34	49.65
		<i>For Flanged Inlet, Add</i>	210.34
23 21 16 00-0211	EA 8" Cast Iron, Threaded Inlet, Drip-Pan Elbow	1,085.80	65.41
		<i>For Flanged Inlet, Add</i>	559.71
23 21 16 00-0212	Cast Steel, Threaded Inlet, Drip-Pan Elbow ^(23 21 16 00-0203)		
23 21 16 00-0213	EA 2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	277.51	21.28
		<i>For Flanged Inlet, Add</i>	131.40
23 21 16 00-0214	EA 3" Cast Steel, Threaded Inlet, Drip-Pan Elbow	335.82	25.21
		<i>For Flanged Inlet, Add</i>	159.22
23 21 16 00-0215	EA 3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow	466.57	29.16
		<i>For Flanged Inlet, Add</i>	237.28
23 21 16 00-0216	EA 4" Cast Steel, Threaded Inlet, Drip-Pan Elbow	482.51	33.10
		<i>For Flanged Inlet, Add</i>	237.28
23 21 16 00-0217	EA 5" Cast Steel, Threaded Inlet, Drip-Pan Elbow	678.24	39.40
		<i>For Flanged Inlet, Add</i>	354.03
23 21 16 00-0218	EA 6" Cast Steel, Threaded Inlet, Drip-Pan Elbow	717.64	49.65
		<i>For Flanged Inlet, Add</i>	354.03
23 21 16 00-0219	EA 8" Cast Steel, Threaded Inlet, Drip-Pan Elbow	1,156.74	65.41
		<i>For Flanged Inlet, Add</i>	607.95

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0220			Wall Seals And Sleeves <small>(23 21 16)</small> Note: Up to 12" walls. Excludes drilling hole.		
23 21 16 00-0221			Ductile Iron Wall Sleeve <small>(23 21 16 00-0220)</small> Note: Includes rubber gasket seal.		
23 21 16 00-0222	EA		3" Ductile Iron Wall Sleeve With Rubber Gasket Seal	90.29	37.04
23 21 16 00-0223	EA		4" Ductile Iron Wall Sleeve With Rubber Gasket Seal	111.10	43.26
23 21 16 00-0224	EA		6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	135.70	51.89
23 21 16 00-0225	EA		8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	193.21	77.80
23 21 16 00-0226	EA		10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	248.95	103.71
23 21 16 00-0227	EA		12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	307.14	129.70
23 21 16 00-0228			Steel Pipe Sleeves <small>(23 21 16 00-0220)</small> Note: Includes link seals 12" length.		
23 21 16 00-0229	EA		2" Steel Pipe Sleeve With Link Seals	91.67	37.52
23 21 16 00-0230	EA		2-1/2" Steel Pipe Sleeve With Link Seals	108.52	40.67
23 21 16 00-0231	EA		3" Steel Pipe Sleeve With Link Seals	124.87	43.82
23 21 16 00-0232	EA		4" Steel Pipe Sleeve With Link Seals	152.72	52.56
23 21 16 00-0233	EA		6" Steel Pipe Sleeve With Link Seals	212.52	65.65
23 21 16 00-0234	EA		10" Steel Pipe Sleeve With Link Seals	375.07	78.81
23 21 16 00-0235	EA		13.25" Inside Diameter Steel Pipe Sleeve With Link Seals	426.64	98.51
23 21 16 00-0236	EA		17.25" Inside Diameter Steel Pipe Sleeve With Link Seals	590.25	121.21
23 21 16 00-0237	EA		23.25" Inside Diameter Steel Pipe Sleeve With Link Seals	804.47	157.61
23 21 16 00-0238	EA		29.25" Inside Diameter Steel Pipe Sleeve With Link Seals	847.24	197.01
23 21 16 00-0239			Pressure Regulating Valve <small>(23 21 16)</small>		
23 21 16 00-0240			Screwed Ends, Water Pressure Reducing Valves <small>(23 21 16 00-0239)</small> Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating, iron construction.		
23 21 16 00-0241	EA		1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	103.89	10.57
			<i>For Work In Restricted Working Space, Add</i>	12.68	
23 21 16 00-0242	EA		3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	125.50	11.84
			<i>For Work In Restricted Working Space, Add</i>	14.09	
23 21 16 00-0243	EA		1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	159.24	12.68
			<i>For Work In Restricted Working Space, Add</i>	14.92	
23 21 16 00-0244	EA		1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	258.79	14.20
			<i>For Work In Restricted Working Space, Add</i>	16.91	
23 21 16 00-0245	EA		1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	346.88	16.90
			<i>For Work In Restricted Working Space, Add</i>	20.29	
23 21 16 00-0246	EA		2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	500.45	25.91
			<i>For Work In Restricted Working Space, Add</i>	31.12	
23 21 16 00-0247	EA		2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	546.29	29.17
			<i>For Work In Restricted Working Space, Add</i>	35.01	
23 21 16 00-0248	EA		3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve	600.96	84.42
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 21 16 00-0249			Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0239)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0250			Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0249)</small>		
23 21 16 00-0251	EA		1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	167.75	14.21
			<i>For Work In Restricted Working Space, Add</i>	17.03	
23 21 16 00-0252	EA		3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	214.80	20.13
			<i>For Work In Restricted Working Space, Add</i>	24.16	
23 21 16 00-0253	EA		1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	273.51	24.52
			<i>For Work In Restricted Working Space, Add</i>	29.50	
23 21 16 00-0254	EA		1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	357.28	29.76
			<i>For Work In Restricted Working Space, Add</i>	34.28	
23 21 16 00-0255	EA		1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	467.93	33.82
			<i>For Work In Restricted Working Space, Add</i>	39.02	
23 21 16 00-0256	EA		2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	549.90	47.29
			<i>For Work In Restricted Working Space, Add</i>	47.28	
23 21 16 00-0257			Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer <small>(23 21 16 00-0249)</small> Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0258	EA		2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,201.71	55.48
			<i>For Work In Restricted Working Space, Add</i>	56.29	
23 21 16 00-0259	EA		3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,479.16	63.05
			<i>For Work In Restricted Working Space, Add</i>	63.90	
23 21 16 00-0260	EA		4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	1,999.95	116.95
			<i>For Work In Restricted Working Space, Add</i>	121.24	
23 21 16 00-0261	EA		6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer	4,648.25	141.72
			<i>For Work In Restricted Working Space, Add</i>	147.62	
23 21 16 00-0262			Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0239)</small>		
23 21 16 00-0263			Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0262)</small>		
23 21 16 00-0264	EA		1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve	812.55	10.31
			<i>For Work In Restricted Working Space, Add</i>	15.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0265 EA 3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	829.06 15.47	10.31
23 21 16 00-0266 EA 1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	888.44 19.53	13.02
23 21 16 00-0267 EA 1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,047.38 24.86	16.57
23 21 16 00-0268 EA 1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,199.43 28.67	19.11
23 21 16 00-0269 EA 2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,484.06 33.74	22.49
23 21 16 00-0270 Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves <small>(23 21 16 00-0262)</small>		
23 21 16 00-0271 EA 2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	1,880.85 56.51	37.67
23 21 16 00-0272 EA 3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	2,297.16 61.47	40.98
23 21 16 00-0273 EA 4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	3,608.18 135.72	90.47
23 21 16 00-0274 EA 6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve..... <i>For Work In Restricted Working Space, Add</i>	7,571.95 147.62	141.72
23 21 16 00-0275 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves <small>(23 21 16 00-0239)</small>		
23 21 16 00-0276 EA 1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	114.03	10.99
23 21 16 00-0277 EA 3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	138.42	12.17
23 21 16 00-0278 EA 1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	177.25	12.93
23 21 16 00-0279 EA 1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	292.08	14.71
23 21 16 00-0280 EA 1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	392.78	17.58
23 21 16 00-0281 EA 2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	565.67	26.92
23 21 16 00-0282 EA 2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	613.03	29.33
23 21 16 00-0283 EA 3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve.....	678.46	33.76
23 21 16 00-0284 Screwed Ends, Bronze Body, Water Pressure Reducing Valves <small>(23 21 16 00-0239)</small>		
Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0285 EA 1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	98.86	10.57
23 21 16 00-0286 EA 3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	108.86	11.84
23 21 16 00-0287 EA 1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	131.55	13.10
23 21 16 00-0288 EA 1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	285.20	14.20
23 21 16 00-0289 EA 1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	311.95	16.90
23 21 16 00-0290 EA 2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve.....	489.08	25.91
23 21 16 00-0291 Plastic Pressure Regulator <small>(23 21 16 00-0239)</small>		
23 21 16 00-0292 Polyvinyl Chloride (PVC) Pressure Regulator Valves <small>(23 21 16 00-0291)</small>		
23 21 16 00-0293 EA 1/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	237.44	12.68
23 21 16 00-0294 EA 1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	261.35	17.58
23 21 16 00-0295 EA 3/4" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	467.92	21.13
23 21 16 00-0296 EA 1" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	526.35	28.23
23 21 16 00-0297 EA 1-1/2" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	621.85	33.81
23 21 16 00-0298 EA 2" Polyvinyl Chloride (PVC) Pressure Regulator Valve.....	757.45	52.82
23 21 16 00-0299 Polypropylene Pressure Regulator Valves <small>(23 21 16 00-0291)</small>		
23 21 16 00-0300 EA 1/4" Polypropylene Pressure Regulator Valve.....	303.95	12.68
23 21 16 00-0301 EA 1/2" Polypropylene Pressure Regulator Valve.....	372.20	17.75
23 21 16 00-0302 EA 3/4" Polypropylene Pressure Regulator Valve.....	573.45	21.13
23 21 16 00-0303 EA 1" Polypropylene Pressure Regulator Valve.....	677.11	28.23
23 21 16 00-0304 EA 1-1/2" Polypropylene Pressure Regulator Valve.....	790.34	33.81
23 21 16 00-0305 EA 2" Polypropylene Pressure Regulator Valve.....	973.83	52.82
23 21 16 00-0306 Teflon (PTFE) Pressure Regulator Valves <small>(23 21 16 00-0291)</small>		
23 21 16 00-0307 EA 1/4" Teflon (PTFE) Pressure Regulator Valve.....	654.24	12.68
23 21 16 00-0308 EA 1/2" Teflon (PTFE) Pressure Regulator Valve.....	749.09	17.58
23 21 16 00-0309 EA 3/4" Teflon Pressure Regulator Valve.....	1,266.04	21.13
23 21 16 00-0310 EA 1" Teflon (PTFE) Pressure Regulator Valve.....	1,750.14	28.23
23 21 16 00-0311 EA 1-1/2" Teflon (PTFE) Pressure Regulator Valve.....	2,111.67	33.81
23 21 16 00-0312 EA 2" Teflon (PTFE) Pressure Regulator Valve.....	2,952.28	52.82
23 21 16 00-0313 Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valves <small>(23 21 16 00-0291)</small>		
23 21 16 00-0314 EA 1/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve.....	211.37	12.68
23 21 16 00-0315 EA 1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve.....	241.09	17.58
23 21 16 00-0316 EA 3/4" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve.....	390.58	21.13
23 21 16 00-0317 EA 1" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve.....	462.86	28.14
23 21 16 00-0318 EA 1-1/2" Polyvinyl Chloride (PVC), Viton Seals, Pressure Regulator Valve.....	538.39	33.81
23 21 16 00-0319 Dual Unit Reducing And Relief Valve <small>(23 21 16)</small>		
23 21 16 00-0320 EA 1/2" Dual Unit Reducing And Relief Valve.....	113.27	25.79

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0321	Safety Relief Valve (23 21 16)			
	Note: Used in water heater and hot water storage tank applications.			
23 21 16 00-0322	Threaded Inlet, Bronze Body Safety Valves (23 21 16 00-0321)			
	Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.			
23 21 16 00-0323	EA 1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	52.06		10.57
23 21 16 00-0324	EA 3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	67.11		11.63
23 21 16 00-0325	EA 1" x 1" Threaded Inlet, Bronze Body Safety Valve	92.58		14.16
23 21 16 00-0326	EA 1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	114.23		15.00
23 21 16 00-0327	EA 1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	156.32		20.07
23 21 16 00-0328	EA 2" x 2" Threaded Inlet, Bronze Body Safety Valve	204.28		23.66
23 21 16 00-0329	EA 2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	236.20		29.58
23 21 16 00-0330	Plastic Pressure Relief Valves (23 21 16 00-0321)			
23 21 16 00-0331	Polyvinyl Chloride (PVC) Pressure Relief Valves (23 21 16 00-0330)			
23 21 16 00-0332	EA 1/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	194.58		12.68
23 21 16 00-0333	EA 1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	212.58		17.75
23 21 16 00-0334	EA 3/4" Polyvinyl Chloride (PVC) Pressure Relief Valve	404.37		21.13
23 21 16 00-0335	EA 1" Polyvinyl Chloride (PVC) Pressure Relief Valve	477.58		28.31
23 21 16 00-0336	EA 1-1/2" Polyvinyl Chloride (PVC) Pressure Relief Valve	621.85		33.81
23 21 16 00-0337	EA 2" Polyvinyl Chloride (PVC) Pressure Relief Valve	770.75		52.82
23 21 16 00-0338	Polypropylene Pressure Relief Valves (23 21 16 00-0330)			
23 21 16 00-0339	EA 1/4" Polypropylene Pressure Relief Valve	224.14		12.68
23 21 16 00-0340	EA 1/2" Polypropylene Pressure Relief Valve	256.92		17.58
23 21 16 00-0341	EA 3/4" Polypropylene Pressure Relief Valve	507.83		21.13
23 21 16 00-0342	EA 1" Polypropylene Pressure Relief Valve	588.43		28.23
23 21 16 00-0343	EA 1-1/2" Polypropylene Pressure Relief Valve	1,043.08		33.81
23 21 16 00-0344	EA 2" Polypropylene Pressure Relief Valve	1,273.27		52.82
23 21 16 00-0345	Teflon (PTFE) Pressure Relief Valves (23 21 16 00-0330)			
23 21 16 00-0346	EA 1/4" Teflon (PTFE) Pressure Relief Valve	401.50		12.68
23 21 16 00-0347	EA 1/2" Teflon (PTFE) Pressure Relief Valve	441.67		17.58
23 21 16 00-0348	EA 3/4" Teflon (PTFE) Pressure Relief Valve	840.38		21.13
23 21 16 00-0349	EA 1" Teflon (PTFE) Pressure Relief Valve	987.49		28.23
23 21 16 00-0350	EA 1-1/2" Teflon (PTFE) Pressure Relief Valve	1,619.50		33.81
23 21 16 00-0351	EA 2" Teflon (PTFE) Pressure Relief Valve	2,086.17		52.82
23 21 16 00-0352	Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valves (23 21 16 00-0330)			
23 21 16 00-0353	EA 1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	200.25		17.58
23 21 16 00-0354	EA 3/4" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	228.15		21.13
23 21 16 00-0355	EA 1" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	276.99		28.14
23 21 16 00-0356	EA 1-1/2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	355.99		33.81
23 21 16 00-0357	EA 2" Polyvinyl Chloride (PVC), Vitron Seals, Pressure Relief Valve	447.02		52.82
23 21 16 00-0358	Threaded, Bronze Body, Temperature And Pressure Relief Valves (23 21 16)			
23 21 16 00-0359	EA 1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	53.35		21.55
	For Cast Iron Body, Add	22.66		
23 21 16 00-0360	EA 3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	67.52		25.87
	For Cast Iron Body, Add	31.58		
23 21 16 00-0361	EA 1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve	96.58		34.48
	For Cast Iron Body, Add	50.29		
23 21 16 00-0362	EA 1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve	145.87		36.94
	For Cast Iron Body, Add	106.88		
23 21 16 00-0363	EA 1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	231.17		41.42
	For Cast Iron Body, Add	204.46		
23 21 16 00-0364	EA 2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve	275.37		59.52
	For Cast Iron Body, Add	222.64		
23 21 16 00-0365	Thermostatic Radiator Valves (23 21 16)			
	Note: For hot water or two pipe low pressure steam.			
23 21 16 00-0366	EA 1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015)	47.16		13.63
23 21 16 00-0367	EA 3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020)	57.46		18.39
23 21 16 00-0368	EA 1" Straight Thermostatic Radiator Valve (Danfoss 013G8025)	76.80		22.25
23 21 16 00-0369	EA 1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032)	111.86		28.19
23 21 16 00-0370	EA 1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014)	47.16		13.63
23 21 16 00-0371	EA 3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019)	57.46		18.39
23 21 16 00-0372	EA 1" Angle Thermostatic Radiator Valve (Danfoss 013G8024)	76.80		22.25
23 21 16 00-0373	EA 1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031)	111.86		28.19
23 21 16 00-0374	EA Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240)	57.37		10.57
23 21 16 00-0375	EA Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922)	84.46		14.80
23 21 16 00-0376	ASME Construction Compression Tanks (23 21 16)			
	Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.			
	See CSI section 22 12 00 00-0000 for other tanks.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0377 EA 15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	607.94 191.24	148.81
23 21 16 00-0378 EA 24 Gallon, 13" x 51" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	620.62 194.05	153.04
23 21 16 00-0379 EA 30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	673.23 216.55	158.12
23 21 16 00-0380 EA 40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	733.14 241.86	164.03
23 21 16 00-0381 EA 60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	847.06 292.48	173.33
23 21 16 00-0382 EA 80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	880.20 303.73	180.10
23 21 16 00-0383 EA 100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	1,078.50 390.91	196.16
23 21 16 00-0384 EA 120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	1,173.99 427.47	210.54
23 21 16 00-0385 EA 144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	1,450.47 545.34	237.59
23 21 16 00-0386 EA 180 Gallon, 30" x 60" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	1,829.84 708.70	272.26
23 21 16 00-0387 EA 202 Gallon, 30" x 72" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	2,181.67 862.32	301.85
23 21 16 00-0388 EA 230 Gallon, 30" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	2,385.11 943.87	328.06
23 21 16 00-0389 EA 280 Gallon, 30" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	2,990.07 1,222.29	360.19
23 21 16 00-0390 EA 306 Gallon, 30" x 108" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	3,090.54 1,253.72	384.71
23 21 16 00-0391 EA 340 Gallon, 36" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	3,947.94 1,660.82	413.46
23 21 16 00-0392 EA 550 Gallon, 36" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	6,490.15 2,877.46	485.33
23 21 16 00-0393 Compression Tank Air Fittings <small>(23 21 16)</small>		
23 21 16 00-0394 EA 9" To 24" Diameter Compression Tank Air Fittings.....	100.42	23.67
23 21 16 00-0395 EA >100 Gallon Compression Tank Air Fittings	288.93	27.90
23 21 16 00-0396 Vortex Air Separators With Strainer <small>(23 21 16)</small>		
Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0397 EA 2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)..... <i>For 300 PSIG, Add</i>	935.12 99.36	180.10
23 21 16 00-0398 EA 2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)..... <i>For 300 PSIG, Add</i>	1,151.89 125.81	206.31
23 21 16 00-0399 EA 3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)..... <i>For 300 PSIG, Add</i>	1,747.21 206.94	242.67
23 21 16 00-0400 EA 3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)..... <i>For 300 PSIG, Add</i>	1,866.79 221.64	256.88
23 21 16 00-0401 EA 4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)..... <i>For 300 PSIG, Add</i>	2,411.98 283.95	342.51
23 21 16 00-0402 EA 5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F)..... <i>For 300 PSIG, Add</i>	3,041.92 362.73	412.00
23 21 16 00-0403 EA 6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)..... <i>For 300 PSIG, Add</i>	3,603.24 434.46	466.52
23 21 16 00-0404 EA 8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F)..... <i>For 300 PSIG, Add</i>	5,151.64 645.51	559.68
23 21 16 00-0405 EA 10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)..... <i>For 300 PSIG, Add</i>	7,869.73 1,035.88	636.17
23 21 16 00-0406 EA 12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)..... <i>For 300 PSIG, Add</i>	10,606.25 1,403.83	823.24
23 21 16 00-0407 EA 14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F)..... <i>For 300 PSIG, Add</i>	21,904.82 3,058.52	999.70
23 21 16 00-0408 EA 16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)..... <i>For 300 PSIG, Add</i>	27,033.15 3,782.33	1,199.64
23 21 16 00-0409 EA 18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F)..... <i>For 300 PSIG, Add</i>	35,227.33 4,966.01	1,399.57
23 21 16 00-0410 EA 20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F)..... <i>For 300 PSIG, Add</i>	41,207.18 5,817.55	1,599.52
23 21 16 00-0411 Vortex Air Separators <small>(23 21 16)</small>		
Note: Without system strainer.		
23 21 16 00-0412 EA 2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)..... <i>For 300 PSIG, Add</i>	805.78 79.95	180.10
23 21 16 00-0413 EA 2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)..... <i>For 300 PSIG, Add</i>	1,010.80 104.65	206.31
23 21 16 00-0414 EA 3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)..... <i>For 300 PSIG, Add</i>	1,711.94 201.65	242.67
23 21 16 00-0415 EA 3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)..... <i>For 300 PSIG, Add</i>	1,557.17 175.19	256.88
23 21 16 00-0416 EA 4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)..... <i>For 300 PSIG, Add</i>	2,086.68 235.16	342.51
23 21 16 00-0417 EA 5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)..... <i>For 300 PSIG, Add</i>	2,700.94 311.59	412.00
23 21 16 00-0418 EA 6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)..... <i>For 300 PSIG, Add</i>	3,140.76 365.09	466.52

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0419 EA 8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)..... <i>For 300 PSIG, Add</i>	8,467.39 1,142.87	559.68
23 21 16 00-0420 EA 10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)..... <i>For 300 PSIG, Add</i>	5,757.22 719.00	636.17
23 21 16 00-0421 EA 12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)..... <i>For 300 PSIG, Add</i>	8,831.28 1,137.58	823.24
23 21 16 00-0422 Grooved, With Strainer, Vortex Air Separators (2321 16)		
23 21 16 00-0423 EA 3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G).....	1,632.18	205.50
23 21 16 00-0424 EA 4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G).....	2,307.94	273.83
23 21 16 00-0425 EA 5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G).....	2,917.16	329.30
23 21 16 00-0426 EA 6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G).....	3,461.82	373.22
23 21 16 00-0427 EA 8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G).....	4,974.15	447.86
23 21 16 00-0428 EA 10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G).....	7,982.65	508.93
23 21 16 00-0429 EA 12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G).....	12,122.78	658.66
23 21 16 00-0430 Grooved Vortex Air Separators (2321 16)		
Note: Without system strainer.		
23 21 16 00-0431 EA 3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G).....	1,310.80	205.50
23 21 16 00-0432 EA 4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G).....	1,982.64	273.83
23 21 16 00-0433 EA 5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G).....	2,576.18	329.30
23 21 16 00-0434 EA 6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G).....	2,999.34	373.22
23 21 16 00-0435 EA 8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G).....	3,994.32	447.86
23 21 16 00-0436 EA 10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G).....	5,838.78	508.93
23 21 16 00-0437 EA 12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G).....	9,650.41	658.66
23 21 16 00-0438 Removable Head, Air Eliminator And Dirt Separator (2321 16)		
Note: Spirovent VDN.		
23 21 16 00-0439 EA 2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	2,634.33	180.10
23 21 16 00-0440 EA 2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	2,853.85	206.31
23 21 16 00-0441 EA 3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	3,806.69	242.67
23 21 16 00-0442 EA 4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	4,361.92	372.04
23 21 16 00-0443 EA 5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	6,362.40	459.97
23 21 16 00-0444 EA 6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	8,179.99	520.85
23 21 16 00-0445 EA 8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	12,752.04	117.53
23 21 16 00-0446 EA 10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	18,804.09	710.24
23 21 16 00-0447 EA 12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	24,304.32	919.08
23 21 16 00-0448 Air Eliminator And Dirt Separator (2321 16)		
Note: Spirovent VDT.		
23 21 16 00-0449 EA 2", 45 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	2,589.62	180.10
23 21 16 00-0450 EA 2-1/2", 70 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	2,861.60	206.31
23 21 16 00-0451 EA 3", 95 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	3,170.91	242.67
23 21 16 00-0452 EA 4", 170 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	3,596.43	372.04
23 21 16 00-0453 EA 5", 260 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	4,183.94	459.97
23 21 16 00-0454 EA 6", 375 GPM, Air Eliminator And Dirt Separator (Spirotherm VDT).....	4,538.34	520.85
23 21 16 00-0455 High Velocity, Air Eliminator And Dirt Separator (2321 16)		
23 21 16 00-0456 EA 2", 105 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	2,821.19	180.10
23 21 16 00-0457 EA 2-1/2", 155 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	5,152.27	206.31
23 21 16 00-0458 EA 3", 225 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	5,370.17	242.67
23 21 16 00-0459 EA 4", 405 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	6,066.49	372.04
23 21 16 00-0460 EA 5", 630 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	7,024.48	459.97
23 21 16 00-0461 EA 6", 910 GPM, High Velocity, Air Eliminator And Dirt Separator (Spirotherm VHT).....	7,591.94	520.85
23 21 16 00-0462 Swivel Joints (2321 16)		
23 21 16 00-0463 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) (2321 16 00-0462)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0464 EA 1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	222.13	22.23
23 21 16 00-0465 EA 1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	319.36	32.55
23 21 16 00-0466 EA 2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	445.23	38.05
23 21 16 00-0467 EA 3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	666.79	65.11
23 21 16 00-0468 EA 4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	842.42	73.99
<i>For Stainless Steel, Add</i>	1,041.68	
23 21 16 00-0469 EA 2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	626.26	69.76
<i>For Stainless Steel, Add</i>	728.01	
23 21 16 00-0470 EA 3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	844.45	89.92
23 21 16 00-0471 EA 4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,087.94	150.93
23 21 16 00-0472 EA 6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	2,028.84	211.38
23 21 16 00-0473 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) (2321 16 00-0462)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0474 EA 1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	280.56	22.23
<i>For Stainless Steel, Add</i>	354.08	
23 21 16 00-0475 EA 1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30).....	346.96	32.55
<i>For Stainless Steel, Add</i>	422.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0476	EA		2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	465.71 583.26	38.05
23 21 16 00-0477	EA		3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	749.57 929.24	65.11
23 21 16 00-0478	EA		4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	977.63 1,244.49	73.99
23 21 16 00-0479	EA		2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	644.97 756.08	69.76
23 21 16 00-0480	EA		3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	951.61 1,157.57	89.92
23 21 16 00-0481	EA		4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	1,211.65 1,364.52	150.93
23 21 16 00-0482	EA		6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) <i>For Stainless Steel, Add</i>	2,114.27 2,537.27	211.38
23 21 16 00-0483			Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <small>(23 21 16 00-0462)</small>		
			Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0484	EA		1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	328.77 426.39	22.23
23 21 16 00-0485	EA		1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	383.75 478.07	32.55
23 21 16 00-0486	EA		2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	558.18 721.97	38.05
23 21 16 00-0487	EA		3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	860.86 1,096.17	65.11
23 21 16 00-0488	EA		4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	1,014.42 1,299.68	73.99
23 21 16 00-0489	EA		2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	736.95 894.05	69.76
23 21 16 00-0490	EA		3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	1,065.67 1,328.66	89.92
23 21 16 00-0491	EA		4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	1,329.39 1,541.13	150.93
23 21 16 00-0492	EA		6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) <i>For Stainless Steel, Add</i>	2,367.22 2,916.69	211.38
23 21 16 00-0493			Basket Strainers <small>(23 21 16)</small>		
23 21 16 00-0494			Bronze Body Basket Strainers <small>(23 21 16 00-0493)</small>		
23 21 16 00-0495			Screwed Ends, Bronze Body Basket Strainers <small>(23 21 16 00-0494)</small>		
23 21 16 00-0496	EA		1/2" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	137.51 10.07	16.91
23 21 16 00-0497	EA		3/4" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	162.41 11.83	19.87
23 21 16 00-0498	EA		1" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	188.98 14.09	23.67
23 21 16 00-0499	EA		1-1/4" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	232.43 15.71	26.21
23 21 16 00-0500	EA		1-1/2" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	273.17 17.74	29.59
23 21 16 00-0501	EA		2" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	397.27 20.32	33.82
23 21 16 00-0502	EA		2-1/2" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	559.55 27.21	45.23
23 21 16 00-0503	EA		3" Screwed Ends, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	772.29 28.86	48.19
23 21 16 00-0504			Flanged, Bronze Body Basket Strainers <small>(23 21 16 00-0494)</small>		
23 21 16 00-0505	EA		2" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	696.46 59.11	98.51
23 21 16 00-0506	EA		2-1/2" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,081.58 90.05	150.08
23 21 16 00-0507	EA		3" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,269.77 115.93	193.21
23 21 16 00-0508	EA		4" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,945.59 135.21	225.33
23 21 16 00-0509	EA		6" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,561.66 181.76	302.94
23 21 16 00-0510	EA		8" Flanged, Bronze Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,213.90 218.11	363.53
23 21 16 00-0511			Iron Body Basket Strainers <small>(23 21 16 00-0493)</small>		
23 21 16 00-0512			Screwed Ends, Iron Body Basket Strainers <small>(23 21 16 00-0511)</small>		
23 21 16 00-0513	EA		1/2" Screwed Ends, Iron Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	151.53 10.07	16.91
23 21 16 00-0514	EA		3/4" Screwed Ends, Iron Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	171.47 11.83	19.87
23 21 16 00-0515	EA		1" Screwed Ends, Iron Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	202.83 14.09	23.67
23 21 16 00-0516	EA		1-1/4" Screwed Ends, Iron Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	261.27 15.71	26.21

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0517	EA 1-1/2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	287.51 17.74	29.59
23 21 16 00-0518	EA 2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	340.48 20.32	33.82
23 21 16 00-0519	EA 2-1/2" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	480.36 27.21	45.23
23 21 16 00-0520	EA 3" Screwed Ends, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	539.98 28.86	48.19
23 21 16 00-0521	Flanged, Iron Body Basket Strainers (23 21 16 00-0511)		
23 21 16 00-0522	EA 2" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	593.39 59.11	98.51
23 21 16 00-0523	EA 2-1/2" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	834.39 90.05	150.08
23 21 16 00-0524	EA 3" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	955.12 115.93	193.21
23 21 16 00-0525	EA 4" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,306.61 135.21	225.33
23 21 16 00-0526	EA 6" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,271.73 181.76	302.94
23 21 16 00-0527	EA 8" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,800.22 218.11	363.53
23 21 16 00-0528	EA 10" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	5,450.44 247.88	413.13
23 21 16 00-0529	EA 12" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,555.08 320.78	534.69
23 21 16 00-0530	EA 14" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	8,219.98 389.43	649.04
23 21 16 00-0531	EA 16" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,055.87 545.42	908.74
23 21 16 00-0532	Cast Steel Body Basket Strainers (23 21 16 00-0493)		
23 21 16 00-0533	Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0532)		
23 21 16 00-0534	EA 1" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	348.61 14.09	23.67
23 21 16 00-0535	EA 1-1/4" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	454.99 15.71	26.21
23 21 16 00-0536	EA 1-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	512.85 17.73	29.59
23 21 16 00-0537	EA 2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	713.16 20.31	33.82
23 21 16 00-0538	EA 2-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	998.16 27.20	45.23
23 21 16 00-0539	EA 3" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,284.88 28.86	48.19
23 21 16 00-0540	Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0532)		
23 21 16 00-0541	EA 2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,136.47 59.11	98.51
23 21 16 00-0542	EA 2-1/2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,674.18 90.05	150.08
23 21 16 00-0543	EA 3" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,888.25 115.93	193.21
23 21 16 00-0544	EA 4" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,559.65 135.21	225.33
23 21 16 00-0545	EA 6" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	4,408.36 181.76	302.94
23 21 16 00-0546	EA 8" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,957.98 218.11	363.53
23 21 16 00-0547	Stainless Steel Body Basket Strainers (23 21 16 00-0493)		
23 21 16 00-0548	Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0547)		
23 21 16 00-0549	EA 1" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	297.42 14.09	23.67
23 21 16 00-0550	EA 1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	423.08 15.71	26.21
23 21 16 00-0551	EA 1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	438.50 17.73	29.59
23 21 16 00-0552	EA 2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	641.75 20.31	33.82
23 21 16 00-0553	EA 2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	905.25 27.20	45.23
23 21 16 00-0554	EA 3" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,267.86 28.86	48.19
23 21 16 00-0555	Flanged, Stainless Steel Body Basket Strainers (23 21 16 00-0547)		
23 21 16 00-0556	EA 2" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,051.28 59.11	98.51
23 21 16 00-0557	EA 2-1/2" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,630.52 90.05	150.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0558 EA 3" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,889.12 115.93	193.21
23 21 16 00-0559 EA 4" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,992.38 135.21	225.33
23 21 16 00-0560 EA 6" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,573.37 181.76	302.94
23 21 16 00-0561 EA 8" Flanged, Stainless Steel Body Basket Strainer <i>For Work In Restricted Working Space, Add</i>	7,719.72 218.11	363.53
23 21 16 00-0562 Plastic Basket Strainers (23 21 16 00-0493)		
23 21 16 00-0563 Screwed Or Socket Ends, Simplex, Plastic Basket Strainers (23 21 16 00-0562)		
23 21 16 00-0564 Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainers (23 21 16 00-0563)		
23 21 16 00-0565 EA 1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	170.27 10.07	11.84
23 21 16 00-0566 EA 3/4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	176.14 11.83	13.78
23 21 16 00-0567 EA 1" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	183.69 14.09	16.40
23 21 16 00-0568 EA 1-1/2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	294.11 17.73	20.71
23 21 16 00-0569 EA 2" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	307.14 20.31	23.67
23 21 16 00-0570 EA 3" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	638.64 28.86	33.82
23 21 16 00-0571 EA 4" Screwed Or Socket Ends, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	845.11 38.04	44.39
23 21 16 00-0572 Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers (23 21 16 00-0563)		
23 21 16 00-0573 EA 1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	322.52 10.07	11.84
23 21 16 00-0574 EA 3/4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	328.39 11.83	13.78
23 21 16 00-0575 EA 1" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	335.94 14.09	16.40
23 21 16 00-0576 EA 1-1/2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	573.61 17.73	20.71
23 21 16 00-0577 EA 2" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	592.27 20.31	23.67
23 21 16 00-0578 EA 3" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	282.48 28.86	33.82
23 21 16 00-0579 EA 4" Screwed Or Socket Ends, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,578.68 38.04	44.39
23 21 16 00-0580 Flanged, Simplex, Plastic Basket Strainers (23 21 16 00-0562)		
23 21 16 00-0581 Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainers (23 21 16 00-0580)		
23 21 16 00-0582 EA 1" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	304.60 44.38	73.99
23 21 16 00-0583 EA 1-1/2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	449.18 50.73	84.55
23 21 16 00-0584 EA 2" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	482.25 59.10	98.51
23 21 16 00-0585 EA 3" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,037.49 115.93	193.21
23 21 16 00-0586 EA 4" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,299.82 135.21	225.42
23 21 16 00-0587 EA 6" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,318.56 152.18	253.65
23 21 16 00-0588 EA 8" Flanged, Simplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,999.85 183.86	306.41
23 21 16 00-0589 Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers (23 21 16 00-0580)		
23 21 16 00-0590 EA 1-1/2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	748.04 50.73	84.55
23 21 16 00-0591 EA 2" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	788.02 59.10	98.51
23 21 16 00-0592 EA 3" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,785.95 115.93	193.21
23 21 16 00-0593 EA 4" Flanged, Simplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,165.38 135.21	225.42
23 21 16 00-0594 Screwed Or Socket Ends, Duplex, Plastic Basket Strainers (23 21 16 00-0562)		
23 21 16 00-0595 Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainers (23 21 16 00-0594)		
23 21 16 00-0596 EA 1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	682.39 10.07	11.84

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 16 00-0597	EA	3/4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	688.26 11.83	13.78
23 21 16 00-0598	EA	1" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	695.81 14.09	16.40
23 21 16 00-0599	EA	1-1/2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,069.32 17.73	20.71
23 21 16 00-0600	EA	2" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,077.91 20.31	23.67
23 21 16 00-0601	EA	3" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,377.50 28.86	33.82
23 21 16 00-0602	EA	4" Screwed Or Socket Ends, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,136.01 38.04	44.39
23 21 16 00-0603 Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers (23 21 16 00-0594)				
23 21 16 00-0604	EA	1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,357.56 10.07	11.84
23 21 16 00-0605	EA	3/4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,363.43 11.83	13.78
23 21 16 00-0606	EA	1" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,370.98 14.09	16.40
23 21 16 00-0607	EA	1-1/2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,124.16 17.73	20.71
23 21 16 00-0608	EA	2" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,132.75 20.31	23.67
23 21 16 00-0609	EA	3" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	4,146.77 28.86	33.82
23 21 16 00-0610	EA	4" Screwed Or Socket Ends, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,229.32 38.04	44.39
23 21 16 00-0611 Flanged, Duplex, Plastic Basket Strainers (23 21 16 00-0562)				
23 21 16 00-0612 Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainers (23 21 16 00-0611)				
23 21 16 00-0613	EA	1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	727.04 19.03	31.71
23 21 16 00-0614	EA	3/4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	748.17 25.37	42.28
23 21 16 00-0615	EA	1" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	811.55 44.38	73.99
23 21 16 00-0616	EA	1-1/2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,217.74 50.73	84.55
23 21 16 00-0617	EA	2" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,245.64 59.10	98.51
23 21 16 00-0618	EA	3" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,749.01 115.93	193.21
23 21 16 00-0619	EA	4" Flanged, Duplex, Polyvinyl Chloride (PVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	3,562.64 135.21	225.42
23 21 16 00-0620 Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainers (23 21 16 00-0611)				
23 21 16 00-0621	EA	1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,415.61 19.02	31.71
23 21 16 00-0622	EA	3/4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,436.72 25.36	42.28
23 21 16 00-0623	EA	1" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	1,500.13 44.38	73.99
23 21 16 00-0624	EA	1-1/2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,308.66 50.73	84.55
23 21 16 00-0625	EA	2" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	2,336.56 59.10	98.51
23 21 16 00-0626	EA	3" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	5,316.97 115.93	193.21
23 21 16 00-0627	EA	4" Flanged, Duplex, Chlorinated Polyvinyl Chloride (CPVC) Basket Strainer <i>For Work In Restricted Working Space, Add</i>	6,818.03 135.21	225.42
23 21 16 00-0628 Plastic Strainer Baskets (23 21 16 00-0562)				
23 21 16 00-0629 Polyvinyl Chloride (PVC) Strainer Baskets (23 21 16 00-0628)				
23 21 16 00-0630	EA	1/2", 3/4" Or 1" Polyvinyl Chloride (PVC) Strainer Basket	57.72	
23 21 16 00-0631	EA	1-1/2", Or 2" Polyvinyl Chloride (PVC) Strainer Basket	70.80	
23 21 16 00-0632	EA	3" Polyvinyl Chloride (PVC) Strainer Basket	158.88	
23 21 16 00-0633	EA	4" Polyvinyl Chloride (PVC) Strainer Basket	180.32	
23 21 16 00-0634 Chlorinated Polyvinyl Chloride (CPVC) Strainer Baskets (23 21 16 00-0628)				
23 21 16 00-0635	EA	1/2", 3/4" Or 1" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	115.79	
23 21 16 00-0636	EA	1-1/2" Or 2" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	144.99	
23 21 16 00-0637	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	322.19	
23 21 16 00-0638	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Strainer Basket	357.43	
23 21 16 00-0639 Air Vents (23 21 16)				

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

23 21 16 00-0640	Screwed Ends, Cast Iron, Automatic Air Vents <small>(23 21 16 00-0639)</small>		
	Note: With guided free floating lever.		
23 21 16 00-0641	EA 1/2" NPT, Cast Iron, Automatic Air Vent	188.77	24.52
23 21 16 00-0642	EA 3/4" NPT, Cast Iron, Automatic Air Vent	232.09	32.55
23 21 16 00-0643	EA 1" NPT, Cast Iron, Automatic Air Vent	509.82	33.82
23 21 16 00-0644	EA 1-1/4" NPT, Cast Iron, Automatic Air Vent	756.94	52.25
23 21 16 00-0645	EA 1-1/2" NPT, Cast Iron, Automatic Air Vent	1,247.39	56.23
23 21 16 00-0646	EA 2" NPT, Cast Iron, Automatic Air Vent	1,436.89	74.15

23 21 16 00-0647	Forged Steel, Stainless Steel Internals, Automatic Air Vents <small>(23 21 16 00-0639)</small>		
	Note: With guided free floating lever.		
23 21 16 00-0648	EA 1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,205.19	28.32
23 21 16 00-0649	EA 3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,509.38	32.55
23 21 16 00-0650	EA 1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	1,799.17	33.82
23 21 16 00-0651	EA 1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,950.78	52.42
23 21 16 00-0652	EA 1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,406.53	56.23
23 21 16 00-0653	EA 2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	5,004.93	73.99

23 21 16 00-0654	Manual Air Vent <small>(23 21 16 00-0639)</small>		
23 21 16 00-0655	EA Manual Air Vent	59.11	30.52

23 21 16 00-0656	Automatic Air Vent <small>(23 21 16 00-0639)</small>		
23 21 16 00-0657	EA 3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	143.99	32.55
23 21 16 00-0658	EA 1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	156.61	33.82
23 21 16 00-0659	EA 1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	224.29	52.25
23 21 16 00-0660	EA 1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	272.38	56.23
23 21 16 00-0661	EA 2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	341.12	60.59

23 21 16 00-0662	Air Release Valves <small>(23 21 16 00-0639)</small>		
23 21 16 00-0663	Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) <small>(23 21 16 00-0662)</small>		
	Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0664	EA 1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	142.14	12.69
23 21 16 00-0665	EA 3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	145.53	14.38
23 21 16 00-0666	EA 1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	152.29	17.75

23 21 16 00-0667	Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) <small>(23 21 16 00-0662)</small>		
	Note: Up to 175 psi. Stainless steel float.		
23 21 16 00-0668	EA 2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	697.54	30.86
23 21 16 00-0669	EA 3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,004.75	89.92

23 21 16 00-0670	Cast Iron, Air/Vacuum Valves <small>(23 21 16 00-0662)</small>		
	Note: Up to 150 psi. Stainless steel float.		
23 21 16 00-0671	EA 1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	281.17	12.69
23 21 16 00-0672	EA 1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	346.93	17.75
23 21 16 00-0673	EA 2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	599.29	30.86
23 21 16 00-0674	EA 3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	960.26	89.92
23 21 16 00-0675	EA 4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,492.32	140.95
23 21 16 00-0676	EA 6" Flanged Cast Iron Air Release Valve (APCO 153)	2,241.00	179.75

23 21 16 00-0677	Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice <small>(23 21 16 00-0662)</small>		
	Note: Up to 150 psi. Stainless Steel float.		
23 21 16 00-0678	EA 1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	502.64	17.75
23 21 16 00-0679	EA 2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	771.69	30.86
23 21 16 00-0680	EA 3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,507.10	107.89
23 21 16 00-0681	EA 4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	1,968.72	140.95

23 21 23 Hydronic Pumps (23 21)

23 21 23 13 In-Line Centrifugal Hydronic Pumps (23 21 23)

23 21 23 13-0001	Cast Iron Single Stage In-Line Centrifugal Pump <small>(23 21 23 13)</small>		
	Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0002	EA 50 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 3 HP	6,976.81	225.74
	<i>For Mechanical Seal, Add</i>	503.99	
	<i>For Cast Steel Case, Add</i>	1,133.99	
23 21 23 13-0003	EA 75 GPM Cast Iron Centrifugal Pump, Single Stage With 100' Head And 5 HP	7,573.04	273.23
	<i>For Mechanical Seal, Add</i>	540.29	
	<i>For Cast Steel Case, Add</i>	1,215.66	
23 21 23 13-0004	EA 100 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 7-1/2 HP	8,738.86	324.60
	<i>For Mechanical Seal, Add</i>	621.27	
	<i>For Cast Steel Case, Add</i>	1,397.85	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 21 Hydronic Piping And Pumps

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 23 13-0005	EA	125 GPM Cast Iron Centrifugal Pump, Single Stage With 150' Head And 10 HP.....	9,272.62	432.81
		<i>For Mechanical Seal, Add</i>	638.02	
		<i>For Cast Steel Case, Add</i>	1,435.54	
23 21 23 13-0006	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage With 200' Head And 15 HP.....	11,127.70	471.73
		<i>For Mechanical Seal, Add</i>	776.99	
		<i>For Cast Steel Case, Add</i>	1,748.23	
23 21 23 13-0007	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 30 HP.....	16,948.89	519.21
		<i>For Mechanical Seal, Add</i>	1,231.36	
		<i>For Cast Steel Case, Add</i>	2,770.57	
23 21 23 13-0008	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 40 HP.....	19,850.85	648.43
		<i>For Mechanical Seal, Add</i>	1,432.38	
		<i>For Cast Steel Case, Add</i>	3,222.86	
23 21 23 13-0009	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage With 300' Head And 50 HP.....	16,359.62	741.06
		<i>For Mechanical Seal, Add</i>	1,130.84	
		<i>For Cast Steel Case, Add</i>	2,544.40	
23 21 23 13-0010	EA	400 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 75 HP.....	35,776.15	785.37
		<i>For Mechanical Seal, Add</i>	2,673.60	
		<i>For Cast Steel Case, Add</i>	6,015.59	
23 21 23 13-0011	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage With 400' Head And 100 HP.....	38,815.89	1,009.54
		<i>For Mechanical Seal, Add</i>	2,862.92	
		<i>For Cast Steel Case, Add</i>	6,441.57	

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps (23 21 23)

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21 23 16-0002	EA	5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	3,149.57	246.76
23 21 23 16-0003	EA	7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	3,513.84	247.07
23 21 23 16-0004	EA	10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	4,613.56	324.60
23 21 23 16-0005	EA	15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	5,102.61	399.33
23 21 23 16-0006	EA	15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	5,660.47	399.33
23 21 23 16-0007	EA	20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	5,553.44	432.81
23 21 23 16-0008	EA	20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	5,870.60	432.81
23 21 23 16-0009	EA	25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	6,408.03	453.83
23 21 23 16-0010	EA	30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	7,194.38	576.81
23 21 23 16-0011	EA	40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	7,655.08	648.43
23 21 23 16-0012	EA	60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	12,430.87	1,530.29
23 21 23 16-0013	EA	75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	17,573.97	1,836.01
23 21 23 16-0014	EA	100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	20,180.12	2,295.02

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21 23 16-0016	EA	40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 1-1/2 HP	2,831.97	181.37
		<i>For 300 LB Flanges, Add</i>	626.22	
23 21 23 16-0017	EA	50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 2 HP	3,518.38	194.60
		<i>For 300 LB Flanges, Add</i>	806.62	
23 21 23 16-0018	EA	90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 3 HP	4,395.87	207.84
		<i>For 300 LB Flanges, Add</i>	1,012.48	
23 21 23 16-0019	EA	100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 5 HP	5,156.98	246.76
		<i>For 300 LB Flanges, Add</i>	1,178.04	
23 21 23 16-0020	EA	150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 7.5 HP	5,419.58	247.07
		<i>For 300 LB Flanges, Add</i>	1,238.13	
23 21 23 16-0021	EA	200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,851.36	324.60
		<i>For 300 LB Flanges, Add</i>	1,316.89	
23 21 23 16-0022	EA	225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,851.36	324.60
		<i>For 300 LB Flanges, Add</i>	1,316.89	
23 21 23 16-0023	EA	250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 10 HP	5,851.36	324.60
		<i>For 300 LB Flanges, Add</i>	1,316.89	
23 21 23 16-0024	EA	300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,126.81	399.33
		<i>For 300 LB Flanges, Add</i>	1,602.07	
23 21 23 16-0025	EA	350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 15 HP	7,250.08	399.02
		<i>For 300 LB Flanges, Add</i>	1,625.64	
23 21 23 16-0026	EA	500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 20 HP	7,635.53	432.81
		<i>For 300 LB Flanges, Add</i>	1,714.28	
23 21 23 16-0027	EA	600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 25 HP	8,368.93	453.83
		<i>For 300 LB Flanges, Add</i>	1,882.08	
23 21 23 16-0028	EA	750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 30 HP	9,327.44	576.81
		<i>For 300 LB Flanges, Add</i>	2,072.39	
23 21 23 16-0029	EA	1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 40 HP	10,574.14	648.43
		<i>For 300 LB Flanges, Add</i>	2,351.62	
23 21 23 16-0030	EA	1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 60 HP	15,639.60	1,530.29
		<i>For 300 LB Flanges, Add</i>	3,172.22	
23 21 23 16-0031	EA	2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 75 HP	18,626.85	1,836.01
		<i>For 300 LB Flanges, Add</i>	3,771.49	
23 21 23 16-0032	EA	3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case, 100 HP	22,163.15	2,295.02
		<i>For 300 LB Flanges, Add</i>	4,434.26	

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

23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small>		
Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034 EA 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 1-1/2" HP.....	4,364.37	181.37
For 300 LB Flanges, Add	1,009.32	
23 21 23 16-0035 EA 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 2 HP.....	4,480.82	194.60
For 300 LB Flanges, Add	1,032.62	
23 21 23 16-0036 EA 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 3 HP.....	4,597.39	207.84
For 300 LB Flanges, Add	1,055.94	
23 21 23 16-0037 EA 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 5 HP.....	4,992.98	212.51
For 300 LB Flanges, Add	1,152.54	
23 21 23 16-0038 EA 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 7.5 HP.....	8,138.60	246.76
For 300 LB Flanges, Add	1,923.45	
23 21 23 16-0039 EA 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 10 HP.....	10,859.74	324.60
For 300 LB Flanges, Add	2,588.73	
23 21 23 16-0040 EA 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 15 HP.....	11,085.44	350.29
For 300 LB Flanges, Add	2,625.41	
23 21 23 16-0041 EA 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 20 HP.....	11,727.08	389.21
For 300 LB Flanges, Add	2,752.13	
23 21 23 16-0042 EA 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 25 HP.....	13,069.30	393.06
For 300 LB Flanges, Add	3,090.61	
23 21 23 16-0043 EA 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 40 HP.....	14,648.98	505.15
For 300 LB Flanges, Add	3,435.04	
23 21 23 16-0044 EA 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 50 HP.....	18,560.86	612.28
For 300 LB Flanges, Add	4,345.14	
23 21 23 16-0045 EA 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 75 HP.....	20,921.38	764.74
For 300 LB Flanges, Add	4,861.50	
23 21 23 16-0046 EA 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP.....	29,795.89	918.01
For 300 LB Flanges, Add	7,006.36	
23 21 23 16-0047 EA 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 150 HP.....	56,674.48	1,019.64
For 300 LB Flanges, Add	13,676.83	
23 21 23 16-0048 EA 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 200 HP.....	60,248.71	1,311.44
For 300 LB Flanges, Add	14,429.88	

23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small>		
Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050 EA 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 40 HP.....	15,538.16	399.33
For 300 LB Flanges, Add	3,704.90	
23 21 23 16-0051 EA 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 50 HP.....	16,831.99	432.81
For 300 LB Flanges, Add	4,013.39	
23 21 23 16-0052 EA 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 75 HP.....	20,218.56	565.91
For 300 LB Flanges, Add	4,795.51	
23 21 23 16-0053 EA 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 100 HP.....	39,819.51	777.60
For 300 LB Flanges, Add	9,598.58	
23 21 23 16-0054 EA 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case, 200 HP.....	48,773.18	1,036.81
For 300 LB Flanges, Add	11,718.23	

23 21 23 16-0055 Cast Iron Close Coupling Pumps (23 21 23 16)

23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps <small>(23 21 23 16-0055)</small>		
23 21 23 16-0057 EA 3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM).....	2,833.01	233.53
23 21 23 16-0058 EA 3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM).....	3,061.17	233.53
23 21 23 16-0059 EA 5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM).....	3,389.67	246.51
23 21 23 16-0060 EA 5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	3,591.51	246.51
23 21 23 16-0061 EA 7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	4,101.79	259.21
23 21 23 16-0062 EA 10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	4,876.79	315.56
23 21 23 16-0063 EA 15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP).....	6,373.87	388.74
23 21 23 16-0064 EA 20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP).....	6,828.37	420.75
23 21 23 16-0065 EA 25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP).....	7,872.04	454.40

23 21 23 16-0066 Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt <small>(23 21 23 16)</small>		
23 21 23 16-0067 EA 1/3 HP, Centrifugal Pump, Polypropylene Body.....	1,789.02	120.66
23 21 23 16-0068 EA 1/2 HP, Centrifugal Pump, Polypropylene Body.....	1,909.93	127.93
23 21 23 16-0069 EA 3/4 HP, Centrifugal Pump, Polypropylene Body.....	2,251.60	136.22

23 21 23 23 Vertical-Turbine Hydronic Pumps (23 21 23)

23 21 23 23-0001 Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps <small>(23 21 23 23)</small>		
Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 21 Hydronic Piping And Pumps**

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

23 21	23 23-0002	EA	50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage, 2 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	8,041.41 677.91 287.06 206.65	576.81
23 21	23 23-0003	EA	100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage, 3 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	8,416.03 708.16 301.77 217.61	648.43
23 21	23 23-0004	EA	250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage, 15 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	10,130.04 854.31 361.29 259.99	612.28
23 21	23 23-0005	EA	500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage, 25 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	10,925.67 919.45 391.63 282.37	706.54
23 21	23 23-0006	EA	1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage, 50 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	13,368.97 1,118.70 485.58 351.89	764.74
23 21	23 23-0007	EA	2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage, 100 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	21,144.11 1,750.54 786.75 575.31	918.01
23 21	23 23-0008	EA	3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage, 150 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	25,319.93 2,099.36 939.03 685.83	1,147.51
23 21	23 23-0009	EA	4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage, 200 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	40,415.61 3,317.56 1,532.32 1,128.16	1,311.44
23 21	23 23-0010	EA	6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage, 300 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	52,945.57 4,334.00 2,019.46 1,490.01	1,530.29
23 21	23 23-0011	EA	10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage, 300 HP For Each Extra Column Assembly <60", Add For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add	74,041.13 6,041.32 2,843.62 2,103.20	1,836.01

23 21 29 Automatic Condensate Pump Units (23 21)**23 21 29 00-0001 Automatic Shallow Pan Condensate Pump (23 21 29)**

23 21	29 00-0002	EA	1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	153.44	25.30
23 21	29 00-0003	EA	1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	166.30	25.30
23 21	29 00-0004	EA	1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	258.75	29.19

23 21 29 00-0005 Automatic Condensate Pump With Tank (23 21 29)

23 21	29 00-0006	EA	1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	84.46	19.47
23 21	29 00-0007	EA	1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	89.96	19.47
23 21	29 00-0008	EA	1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	149.23	25.30
23 21	29 00-0009	EA	1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	161.23	29.19
23 21	29 00-0010	EA	1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	296.45	33.09

23 22 Steam And Condensate Piping And Pumps (23 20)**23 22 13 Steam and Condensate Heating Piping (23 22)****23 22 13 00-0001 Ric-Wil System Pipe And Casing (23 22 13)**

Note: Larger pipe size is usually for the condensate return. Perma, Ric-Wil or Thermoacol.

23 22 13 00-0002 Steam Pipe (23 22 13 00-0001)

Note: Includes condensate return.

23 22	13 00-0003	LF	1-1/4" And 1-1/2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	67.41	11.03
23 22	13 00-0004	LF	1-1/4" And 2" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	71.62	12.60
23 22	13 00-0005	LF	1-1/2" And 3" Ric-Wil Pipe, 10" Case Steam Pipe With Condensate Return	82.41	14.18
23 22	13 00-0006	LF	3" And 6" Ric-Wil Pipe, 15" Case Steam Pipe With Condensate Return	126.12	22.05
23 22	13 00-0007	LF	4" And 8" Ric-Wil Pipe, 16-1/2" Case Steam Pipe With Condensate Return	164.99	29.93

23 22 13 00-0008 Steam Or Condensate Pipe (23 22 13 00-0001)

Note: Excludes return.

23 22	13 00-0009	LF	2" Steam Or Condensate Pipe, 6" Case With No Return Line	58.78	7.09
23 22	13 00-0010	LF	2" Steam Or Condensate Pipe, 8" Case With No Return Line	62.51	7.88
23 22	13 00-0011	LF	3" Steam Or Condensate Pipe, 8" Case With No Return Line	73.28	9.45
23 22	13 00-0012	LF	4" Steam Or Condensate Pipe, 10" Case With No Return Line	94.04	14.18
23 22	13 00-0013	LF	6" Steam Or Condensate Pipe, 11-1/2" Case With No Return Line	127.29	21.27

23 22 16 Steam And Condensate Heating Piping Specialties (23 22)**23 22 16 00-0001 Steam Temperature Regulator, Iron Body (23 22 16)**

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

23 22 16 00-0002 Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)		
Note: Up to 150 PSI.		
23 22 16 00-0003 EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	501.97 12.17
23 22 16 00-0004 EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	532.07 16.40
23 22 16 00-0005 EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	704.41 20.20
23 22 16 00-0006 EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	781.22 25.53
23 22 16 00-0007 EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	805.20 29.33
23 22 16 00-0008 EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	948.43 31.90
23 22 16 00-0009 EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,227.27 58.43
23 22 16 00-0010 EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,540.71 63.72
23 22 16 00-0011 EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,320.58 149.15
23 22 16 00-0012 EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,777.44 175.06

23 22 16 00-0013 Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)		
23 22 16 00-0014 EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	737.67 12.17
23 22 16 00-0015 EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	768.13 16.40
23 22 16 00-0016 EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	805.78 20.20
23 22 16 00-0017 EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	965.91 25.53
23 22 16 00-0018 EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,037.11 29.33
23 22 16 00-0019 EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,176.16 31.90
23 22 16 00-0020 EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,813.28 58.43
23 22 16 00-0021 EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,105.22 63.72
23 22 16 00-0022 EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,982.35 149.15
23 22 16 00-0023 EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,743.04 175.06

23 22 16 00-0024 Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)		
23 22 16 00-0025 EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,000.48 12.17
23 22 16 00-0026 EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,019.47 16.40
23 22 16 00-0027 EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,118.22 20.20
23 22 16 00-0028 EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,221.42 25.53
23 22 16 00-0029 EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,269.01 29.33
23 22 16 00-0030 EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,430.29 31.90
23 22 16 00-0031 EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,646.46 58.43
23 22 16 00-0032 EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,951.23 63.72
23 22 16 00-0033 EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,810.70 149.15
23 22 16 00-0034 EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,306.06 175.06

23 22 16 00-0035 Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body (23 22 16 00-0001)		
23 22 16 00-0036 EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,278.21 12.17
23 22 16 00-0037 EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,295.82 16.40
23 22 16 00-0038 EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,409.84 20.20
23 22 16 00-0039 EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,474.14 25.53
23 22 16 00-0040 EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,534.23 29.33
23 22 16 00-0041 EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,670.52 31.90
23 22 16 00-0042 EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,785.33 58.43
23 22 16 00-0043 EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,098.62 63.72
23 22 16 00-0044 EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,958.09 149.15
23 22 16 00-0045 EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,453.45 175.06

23 22 16 00-0046 High Temperature Safety Relief Valve (23 22 16)		
Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		

23 22 16 00-0047 Cast Iron Body Safety Valve, Steam Or Water (23 22 16 00-0046)		
Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		

23 22 16 00-0048 Threaded (23 22 16 00-0047)		
23 22 16 00-0049 EA	3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	207.15 12.68
23 22 16 00-0050 EA	1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	220.27 15.00
23 22 16 00-0051 EA	1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	247.91 19.01
23 22 16 00-0052 EA	1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	301.13 21.13
23 22 16 00-0053 EA	2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	383.39 25.99
23 22 16 00-0054 EA	2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	573.39 29.58
23 22 16 00-0055 EA	3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	624.88 34.02

23 22 16 00-0056 Flanged (23 22 16 00-0047)		
23 22 16 00-0057 EA	1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,309.32 21.13
23 22 16 00-0058 EA	2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,508.66 25.35
23 22 16 00-0059 EA	2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	1,741.30 42.79
23 22 16 00-0060 EA	2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,076.09 46.68
23 22 16 00-0061 EA	3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,254.52 50.57
23 22 16 00-0062 EA	3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	2,630.94 58.36
23 22 16 00-0063 EA	4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,414.25 93.44
23 22 16 00-0064 EA	6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	8,564.11 97.26

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 22 Steam And Condensate Piping And Pumps

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

23 22 16 00-0065		Bronze Body Safety Valve, Threaded, Steam (23 22 16 00-0046)			
Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.					
23 22 16 00-0066	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	221.08		11.63
23 22 16 00-0067	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	227.99		12.68
23 22 16 00-0068	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	265.09		13.95
23 22 16 00-0069	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	291.95		15.00
23 22 16 00-0070	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	336.89		16.90
23 22 16 00-0071	EA	1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	342.58		19.01
23 22 16 00-0072	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	382.72		20.07
23 22 16 00-0073	EA	1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	415.61		21.13
23 22 16 00-0074	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	565.86		23.66
23 22 16 00-0075	EA	2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	618.67		25.99
23 22 16 00-0076	EA	2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	735.37		29.58
23 22 16 00-0077		Bronze Body Safety Valve, Threaded, Water (23 22 16 00-0046)			
Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.					
23 22 16 00-0078	EA	3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	116.16		11.63
23 22 16 00-0079	EA	3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	131.27		12.68
23 22 16 00-0080	EA	1" x 1" Threaded Bronze Body Safety Relief Valve, Water	174.72		13.95
23 22 16 00-0081	EA	1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	191.68		15.00
23 22 16 00-0082	EA	1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	267.82		16.90
23 22 16 00-0083	EA	1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	355.90		20.07
23 22 16 00-0084	EA	2" x 2" Threaded Bronze Body Safety Relief Valve, Water	508.09		23.66
23 22 16 00-0085		Steam Traps (23 22 16)			
23 22 16 00-0086		Inverted Bucket Steam Traps (23 22 16 00-0085)			
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	212.16		25.36
		For Work In Restricted Working Space, Add	15.22		
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	214.27		26.42
		For Work In Restricted Working Space, Add	15.85		
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap	316.23		28.15
		For Work In Restricted Working Space, Add	16.91		
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	509.97		38.43
		For Work In Restricted Working Space, Add	23.06		
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	756.99		47.35
		For Work In Restricted Working Space, Add	28.18		
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap	968.26		70.46
		For Work In Restricted Working Space, Add	42.28		
23 22 16 00-0093		Float And Thermostatic Steam Traps (23 22 16 00-0085)			
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	224.17		26.42
		For Work In Restricted Working Space, Add	15.85		
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	293.91		28.18
		For Work In Restricted Working Space, Add	16.91		
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	364.29		38.43
		For Work In Restricted Working Space, Add	23.06		
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	491.61		46.97
		For Work In Restricted Working Space, Add	28.19		
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	895.56		70.43
		For Work In Restricted Working Space, Add	42.28		
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	283.83		26.42
		For Work In Restricted Working Space, Add	15.85		
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	308.35		28.15
		For Work In Restricted Working Space, Add	16.91		
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	403.66		38.43
		For Work In Restricted Working Space, Add	23.06		
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	578.23		46.92
		For Work In Restricted Working Space, Add	28.19		
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	983.50		70.45
		For Work In Restricted Working Space, Add	42.28		
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	366.51		26.42
		For Work In Restricted Working Space, Add	15.85		
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	408.10		28.18
		For Work In Restricted Working Space, Add	16.91		
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	620.22		38.43
		For Work In Restricted Working Space, Add	23.06		
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	637.30		46.92
		For Work In Restricted Working Space, Add	28.19		
23 22 16 00-0108	EA	2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,231.54		70.46
		For Work In Restricted Working Space, Add	42.28		
23 22 16 00-0109	EA	3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	371.76		26.42
		For Work In Restricted Working Space, Add	15.85		
23 22 16 00-0110	EA	1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	408.10		28.18
		For Work In Restricted Working Space, Add	16.91		
23 22 16 00-0111	EA	1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	620.22		38.43
		For Work In Restricted Working Space, Add	23.06		
23 22 16 00-0112	EA	1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	637.30		46.92
		For Work In Restricted Working Space, Add	28.19		
23 22 16 00-0113	EA	2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,231.54		70.45
		For Work In Restricted Working Space, Add	42.28		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0114 Thermostatic Steam Traps <small>(23 22 16 00-0085)</small>					
23 22 16 00-0115	EA	1/2"	25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	111.62 15.22	25.36
23 22 16 00-0116	EA	3/4"	25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	182.76 15.85	26.42
23 22 16 00-0117	EA	1"	25 PSI Maximum Pressure Thermostatic Steam Trap..... <i>For Work In Restricted Working Space, Add</i>	224.66 16.91	28.15
23 22 16 00-0118 Thermodynamic Steam Traps <small>(23 22 16 00-0085)</small>					
23 22 16 00-0119	EA	3/8"	600 PSI Maximum Pressure Thermodynamic Steam Trap.....	238.91	22.83
23 22 16 00-0120	EA	1/2"	600 PSI Maximum Pressure Thermodynamic Steam Trap.....	336.84	25.36
23 22 16 00-0121	EA	3/4"	600 PSI Maximum Pressure Thermodynamic Steam Trap.....	416.38	26.42
23 22 16 00-0122	EA	1"	600 PSI Maximum Pressure Thermodynamic Steam Trap.....	556.40	28.15
23 22 16 00-0123 Steam Moisture Separator <small>(23 22 16 00-0085)</small>					
23 22 16 00-0124	EA	1/2"	Steam Moisture Separator, Threaded Spirax Sarco S1.....	279.76	42.28
23 22 16 00-0125	EA	3/4"	Steam Moisture Separator, Threaded Spirax Sarco S1.....	318.27	57.07
23 22 16 00-0126	EA	1"	Steam Moisture Separator, Threaded.....	378.11	64.26
23 22 16 00-0127	EA	1-1/2"	Steam Moisture Separator, Threaded.....	457.83	73.57
23 22 16 00-0128	EA	2"	Steam Moisture Separator, Flanged.....	705.57	112.75
23 22 16 00-0129	EA	2-1/2"	Steam Moisture Separator, Flanged.....	865.27	135.28
23 22 16 00-0130	EA	3"	Steam Moisture Separator, Flanged.....	1,143.76	169.10
23 22 16 00-0131	EA	4"	Steam Moisture Separator, Flanged.....	1,773.89	225.33
23 22 16 00-0132	EA	6"	Steam Moisture Separator, Flanged.....	3,517.75	298.47
23 22 16 00-0133 Steam/Condensate Meter <small>(23 22 16)</small>					
Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.					
23 22 16 00-0134	EA	1"	Steam/Condensate Meter.....	3,459.39	46.68
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0135	EA	2"	Steam/Condensate Meter.....	3,903.91	54.85
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0136	EA	2-1/2"	Steam/Condensate Meter.....	4,144.47	68.07
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0137	EA	3"	Steam/Condensate Meter.....	4,401.35	89.47
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0138	EA	4"	Steam/Condensate Meter.....	4,909.00	105.42
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0139	EA	6"	Steam/Condensate Meter.....	9,446.74	649.65
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0140	EA	8"	Steam/Condensate Meter.....	9,750.95	688.78
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0141	EA	10"	Steam/Condensate Meter.....	10,134.29	719.83
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0142	EA	12"	Steam/Condensate Meter.....	10,572.25	766.35
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 22 Steam And Condensate Piping And Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 22 16 00-0143	EA	14" Steam/Condensate Meter.....	11,228.13	832.64
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0144	EA	16" Steam/Condensate Meter.....	11,587.60	863.68
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	

23 22 23 Steam Condensate Pumps (23 22)**23 22 23 13 Electric-Driven Steam Condensate Pumps (23 22 23)****23 22 23 13-0001 Simplex Condensate Pumps And Motors (23 22 23 13)**

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0003	EA	3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,588.94	396.22
23 22 23 13-0004	EA	9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,049.29	407.12
23 22 23 13-0005	EA	15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,142.55	434.36
23 22 23 13-0006	EA	22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,362.55	439.04
23 22 23 13-0007	EA	30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,640.94	477.96
23 22 23 13-0008	EA	37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,899.94	477.96
23 22 23 13-0009	EA	45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,962.54	510.65
23 22 23 13-0010	EA	60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,840.56	534.00
23 22 23 13-0011	EA	75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,888.59	557.36

23 22 23 13-0012 30 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0013	EA	3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	1,826.20	423.46
23 22 23 13-0014	EA	9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,388.55	434.36
23 22 23 13-0015	EA	15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,479.36	463.17
23 22 23 13-0016	EA	22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,869.96	500.52
23 22 23 13-0017	EA	30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,962.54	511.43
23 22 23 13-0018	EA	45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,071.78	529.33
23 22 23 13-0019	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,194.59	557.36
23 22 23 13-0020	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,870.09	593.16

23 22 23 13-0021 40 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0022	EA	3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,034.62	485.73
23 22 23 13-0023	EA	9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,581.96	524.66
23 22 23 13-0024	EA	22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,029.20	518.43
23 22 23 13-0025	EA	30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,051.78	529.33
23 22 23 13-0026	EA	45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,136.81	551.91
23 22 23 13-0027	EA	60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,888.59	557.36
23 22 23 13-0028	EA	75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,955.09	593.16

23 22 23 13-0029 50 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0030	EA	3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,862.89	526.22
23 22 23 13-0031	EA	9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	2,786.23	537.12
23 22 23 13-0032	EA	22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,207.24	541.01
23 22 23 13-0033	EA	30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,202.30	588.49
23 22 23 13-0034	EA	60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	6,651.35	634.41

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

23 22 23 13-0035	Duplex Condensate Pumps And Motors (23 22 23 13)		
	Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036	20 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0037	EA	9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,630.67 531.67
23 22 23 13-0038	EA	15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,786.30 583.82
23 22 23 13-0039	EA	22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,048.30 588.49
23 22 23 13-0040	EA	30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,407.48 641.42
23 22 23 13-0041	EA	37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,766.48 641.42
23 22 23 13-0042	EA	45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,854.98 691.25
23 22 23 13-0043	EA	60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,757.69 721.60
23 22 23 13-0044	EA	75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,899.17 757.41
23 22 23 13-0045	30 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0046	EA	9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,416.94 572.92
23 22 23 13-0047	EA	15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,575.90 625.86
23 22 23 13-0048	EA	22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,958.41 610.28
23 22 23 13-0049	EA	30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,854.98 691.25
23 22 23 13-0050	EA	45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,992.91 716.93
23 22 23 13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,699.17 757.41
23 22 23 13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,980.91 811.90
23 22 23 13-0053	40 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,704.40 675.67
23 22 23 13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	4,094.33 706.04
23 22 23 13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,004.91 716.93
23 22 23 13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,147.40 752.74
23 22 23 13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	5,900.17 757.41
23 22 23 13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	6,004.91 811.90
23 22 23 13-0060	50 PSI Discharge Pressure (23 22 23 13-0035)		
23 22 23 13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	3,870.40 675.67
23 22 23 13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	4,176.83 742.62
23 22 23 13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	5,253.13 806.45
23 22 23 13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	9,169.32 873.40
23 22 23 13-0065	Steam Condensate Pumps And Motors; ITT Bell & Gossett Series WC (23 22 23)		
	Note: Cast iron receiver, float switch		
23 22 23 13-0066	EA	9 GPM Steam Condensate Pump With 6 Gallon Cast Iron Receiver, Float Switch, 22 PSI Discharge Pressure; ITT WC6-20B	1,575.94 396.22
23 22 23 13-0067	EA	12 GPM Steam Condensate Pump With 9 Gallon Cast Iron Receiver, Float Switch, 21 PSI Discharge Pressure; ITT WC8-20B	1,636.29 407.12
23 22 23 13-0068	EA	18 GPM Steam Condensate Pump With 14 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure; ITT WC12-20B	1,963.55 434.36
23 22 23 33	Steam Positive Displacement Pump (23 22 23)		
	Note: Float operated		
23 22 23 33-0001	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-500	2,611.54 396.22
23 22 23 33-0002	EA	Steam Positive Displacement Pump Receiver, Float Operated, Kadant LMHT-1600	4,811.29 407.12

23 23 Refrigerant Piping (23 20)

23 23 13 Refrigerant Piping Valves (23 23)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 20 HVAC Piping And Pumps****23 23 Refrigerant Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 23 13 00-0001		Ball Valves (23 23 13)		
23 23 13 00-0002		Refrigeration Ball Valves, Sweat, 1400 Series (23 23 13 00-0001)		
23 23 13 00-0003	EA	3/8" Refrigeration Ball Valve, Sweated	30.34	8.45
23 23 13 00-0004	EA	1/2" Refrigeration Ball Valve, Sweated	31.70	8.45
23 23 13 00-0005	EA	5/8" Refrigeration Ball Valve, Sweated	38.19	8.45
23 23 13 00-0006	EA	7/8" Refrigeration Ball Valve, Sweated	51.24	9.30
23 23 13 00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated	68.52	10.57
23 23 13 00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated	108.12	13.01
23 23 13 00-0009		Shut-Off Valves (23 23 13)		
23 23 13 00-0010		Packless (23 23 13 00-0009)		
23 23 13 00-0011	EA	1/2" Refrigeration Valve, Packless	32.55	8.79
23 23 13 00-0012	EA	5/8" Refrigeration Valve, Packless	39.38	9.64
23 23 13 00-0013	EA	7/8" Refrigeration Valve, Packless	74.70	13.19
23 23 13 00-0014		Packed (23 23 13 00-0009)		
23 23 13 00-0015	EA	1-1/8" Refrigeration Valve, Packed	128.74	19.19
23 23 13 00-0016	EA	1 3/8" Refrigeration Valve, Packed	170.06	23.50
23 23 13 00-0017	EA	1-5/8" Refrigeration Valve, Packed	205.12	26.46
23 23 13 00-0018	EA	2-1/8" Refrigeration Valve, Packed	286.03	30.19
23 23 13 00-0019	EA	2-5/8" Refrigeration Valve, Packed	506.74	84.55
23 23 13 00-0020	EA	3-1/8" Refrigeration Valve, Packed	660.05	105.69
23 23 13 00-0021	EA	4-1/8" Refrigeration Valve, Packed	929.86	140.95
23 23 13 00-0022		Check Valves (23 23 13)		
23 23 13 00-0023	EA	5/8" Check Valve, Refrigeration	43.49	8.46
23 23 13 00-0024	EA	7/8" Check Valve, Refrigeration	114.24	9.30
23 23 13 00-0025	EA	1-1/8" Check Valve, Refrigeration	133.37	10.57
23 23 13 00-0026	EA	1 3/8" Check Valve, Refrigeration	177.94	11.25
23 23 13 00-0027	EA	1-5/8" Check Valve, Refrigeration	229.98	13.02
23 23 13 00-0028	EA	2-1/8" Check Valve, Refrigeration	331.89	15.39
23 23 13 00-0029	EA	2-5/8" Check Valve, Refrigeration	465.60	22.58
23 23 13 00-0030	EA	3-1/8" Check Valve, Refrigeration	607.30	29.59
23 23 13 00-0031		Solenoid Valves (23 23 13)		
23 23 13 00-0032		Solenoid Valve, 24 Volt Coil (23 23 13 00-0031)		
23 23 13 00-0033	EA	1/2" Solenoid Valve, Refrigeration	93.26	8.46
23 23 13 00-0034	EA	5/8" Solenoid Valve, Refrigeration	95.18	8.46
23 23 13 00-0035	EA	3/4" Solenoid Valve, Refrigeration	119.17	9.30
23 23 13 00-0036	EA	7/8" Solenoid Valve, Refrigeration	119.17	9.30
23 23 13 00-0037	EA	1-1/8" Solenoid Valve, Refrigeration	163.42	10.57
23 23 13 00-0038	EA	1 3/8" Solenoid Valve, Refrigeration	254.86	11.25
23 23 13 00-0039	EA	1-5/8" Solenoid Valve, Refrigeration	450.04	13.02
23 23 13 00-0040	EA	2-1/8" Solenoid Valve, Refrigeration	461.87	15.39
23 23 16 Refrigerant Piping Specialties (23 23)				
23 23 16 00-0001		Soft Refrigeration Copper Tubing (23 23 16)		
		Note: Based on outside diameter. Nitrogenized.		
23 23 16 00-0002	LF	1/8" Outside Diameter Soft Refrigeration Copper Tubing	3.69	2.29
23 23 16 00-0003	LF	3/16" Outside Diameter Soft Refrigeration Copper Tubing	3.74	2.29
23 23 16 00-0004	LF	1/4" Outside Diameter Soft Refrigeration Copper Tubing	3.79	2.29
23 23 16 00-0005	LF	5/16" Outside Diameter Soft Refrigeration Copper Tubing	4.00	2.29
23 23 16 00-0006	LF	3/8" Outside Diameter Soft Refrigeration Copper Tubing	4.12	2.37
23 23 16 00-0007	LF	1/2" Outside Diameter Soft Refrigeration Copper Tubing	4.64	2.54
23 23 16 00-0008	LF	5/8" Outside Diameter Soft Refrigeration Copper Tubing	4.92	2.54
23 23 16 00-0009	LF	3/4" Outside Diameter Soft Refrigeration Copper Tubing	5.74	2.96
23 23 16 00-0010	LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	6.74	3.13
23 23 16 00-0011	LF	1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	8.58	3.81
23 23 16 00-0012	LF	1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	11.63	4.40
23 23 16 00-0013	LF	1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	13.42	4.73
23 23 16 00-0014		Type L Drawn, ACR Copper Tubing (23 23 16)		
		Note: Nitrogenized.		
23 23 16 00-0015	LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	4.31	2.37
		For Medical Applications "Oxygen Clean", Add	0.40	
23 23 16 00-0016	LF	1/2" Outside Diameter Type L Drawn, ACR Copper Tubing	4.68	2.37
		For Medical Applications "Oxygen Clean", Add	0.41	
23 23 16 00-0017	LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	4.91	2.37
		For Medical Applications "Oxygen Clean", Add	0.43	
23 23 16 00-0018	LF	3/4" Outside Diameter Type L Drawn, ACR Copper Tubing	7.13	3.55
		For Medical Applications "Oxygen Clean", Add	0.62	
23 23 16 00-0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	7.75	3.81
		For Medical Applications "Oxygen Clean", Add	0.67	
23 23 16 00-0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	8.67	3.81
		For Medical Applications "Oxygen Clean", Add	0.72	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	10.63 0.86	4.40
23 23 16 00-0022	LF	1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	12.69 1.02	5.07
23 23 16 00-0023	LF	2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	17.51 1.35	6.34
23 23 16 00-0024	LF	2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	26.29 2.03	9.56
23 23 16 00-0025	LF	3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	33.70 2.57	11.84
23 23 16 00-0026	LF	3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	41.95 3.15	14.03
23 23 16 00-0027	LF	4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	51.58 3.85	16.91
23 23 16 00-0028		Refrigeration Fittings (23 23 16)		
23 23 16 00-0029		Brass Flare Fittings (23 23 16 00-0028)		
23 23 16 00-0030		Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0031	EA	3/8" Brass Flare Union	15.29	9.13
23 23 16 00-0032	EA	1/2" Brass Flare Union	15.29	9.13
23 23 16 00-0033	EA	5/8" Brass Flare Union	15.72	9.13
23 23 16 00-0034		90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0035	EA	3/8" 90 Degree Brass Flare Elbow Union	15.55	9.13
23 23 16 00-0036	EA	1/2" 90 Degree Brass Flare Elbow Union	15.55	9.13
23 23 16 00-0037	EA	5/8" 90 Degree Brass Flare Elbow Union	16.98	9.13
23 23 16 00-0038		Brass Flare Tees (23 23 16 00-0029)		
23 23 16 00-0039	EA	3/8" Brass Flare Tee	25.29	15.21
23 23 16 00-0040	EA	1/2" Brass Flare Tee	25.93	15.21
23 23 16 00-0041	EA	5/8" Brass Flare Tee	29.41	15.21
23 23 16 00-0042		Male Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0043	EA	3/8" Brass Flare Male Connector, Half Union	14.12	9.13
23 23 16 00-0044	EA	1/2" Brass Flare Male Connector, Half Union	14.54	9.13
23 23 16 00-0045	EA	5/8" Brass Flare Male Connector, Half Union	15.15	9.13
23 23 16 00-0046		Female Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0047	EA	3/8" Brass Flare Female Connector, Half Union	14.67	9.13
23 23 16 00-0048	EA	1/2" Brass Flare Female Connector, Half Union	15.25	9.13
23 23 16 00-0049	EA	5/8" Brass Flare Female Connector, Half Union	15.25	9.13
23 23 16 00-0050		Long Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0051	EA	3/8" Brass Long Forged Nut	14.38	9.13
23 23 16 00-0052	EA	1/2" Brass Long Forged Nut	14.54	9.13
23 23 16 00-0053	EA	5/8" Brass Long Forged Nut	16.40	9.13
23 23 16 00-0054		Short Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0055	EA	3/8" Brass Short Forged Nut	14.14	9.13
23 23 16 00-0056	EA	1/2" Brass Short Forged Nut	14.52	9.13
23 23 16 00-0057	EA	5/8" Brass Short Forged Nut	14.60	9.13
23 23 16 00-0058		ACR Wrought Copper Fittings (23 23 16 00-0028) Note: Soldered.		
23 23 16 00-0059		ACR Wrought Copper Coupling (23 23 16 00-0058) Note: C x C		
23 23 16 00-0060	EA	1/4" ACR Wrought Copper Coupling	14.02	9.13
23 23 16 00-0061	EA	3/8" ACR Wrought Copper Coupling	13.95	9.13
23 23 16 00-0062	EA	1/2" ACR Wrought Copper Coupling	14.05	9.13
23 23 16 00-0063	EA	5/8" ACR Wrought Copper Coupling	14.71	9.56
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling	19.86	12.60
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling	20.07	12.94
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling	25.46	16.06
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling	35.42	21.98
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling	41.94	25.79
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling	52.25	31.28
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling	83.38	47.52
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling	110.29	62.49
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling	149.00	74.24
23 23 16 00-0073		ACR Wrought Copper Short Radius 90 Degree Elbows (23 23 16 00-0058) Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow	14.94	9.13
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	15.01	9.13

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 23 Refrigerant Piping

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow.....	14.94	9.13
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	15.90	9.56
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	21.73	12.60
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	22.15	12.94
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	27.78	16.06
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	36.76	21.98
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	44.61	25.79
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	57.62	31.28
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	92.75	47.52
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	120.76	62.49
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	180.54	74.24

23 23 16 00-0087 ACR Wrought Copper Long Radius 90 Degree Elbows (23 23 16 00-0058)

Note: C x C

23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow	16.08	9.13
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	15.48	9.13
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow	15.96	9.13
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	16.45	9.56
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	21.06	12.60
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	22.08	12.94
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	28.41	16.06
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	40.03	21.98
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	48.18	25.79
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	71.80	31.28
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	110.69	47.52
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	145.98	62.49
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	251.32	74.24

23 23 16 00-0101 ACR Wrought Copper 45 Degree Elbow (23 23 16 00-0058)

Note: C x C

23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow	16.92	9.13
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow	16.08	9.13
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow	15.73	9.13
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow	15.21	9.56
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow	22.62	12.60
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow	20.85	12.94
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow	27.77	16.06
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow	37.94	21.98
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow	44.68	25.79
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow	56.84	31.28
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow	92.49	47.52
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow	123.39	62.49
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper 45 Degree Elbow	174.53	74.24

23 23 16 00-0115 ACR Wrought Copper Tee (23 23 16 00-0058)

Note: C x C x C

23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee.....	25.45	15.21
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee.....	25.60	15.21
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee.....	25.06	15.21
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee.....	29.50	19.19
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee.....	33.76	19.19
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee.....	31.05	19.44
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee	44.55	25.79
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee	54.76	31.28
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee	67.83	37.11
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee	93.20	49.46
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee	200.23	107.97
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee	233.09	118.72
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee	331.13	131.91

23 23 16 00-0129 ACR Wrought Copper Male Adapter (23 23 16 00-0058)

Note: C x M

23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter.....	17.75	9.13
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter.....	19.08	9.13
23 23 16 00-0132	EA	1/2" ACR Wrought Copper Male Adapter.....	16.87	9.13

23 23 16 00-0133 ACR Wrought Copper Female Adapter (23 23 16 00-0058)

Note: C x F

23 23 16 00-0134	EA	1/4" ACR Wrought Copper Female Adapter	17.22	9.13
23 23 16 00-0135	EA	3/8" ACR Wrought Copper Female Adapter	16.46	9.13
23 23 16 00-0136	EA	1/2" ACR Wrought Copper Female Adapter	16.75	9.13

23 23 16 00-0137 ACR Wrought Copper Cap (23 23 16 00-0058)

Note: C

23 23 16 00-0138	EA	1/4" ACR Wrought Copper Cap	9.73	6.09
23 23 16 00-0139	EA	3/8" ACR Wrought Copper Cap	9.49	6.09
23 23 16 00-0140	EA	1/2" ACR Wrought Copper Cap	9.73	6.09

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

23 23 16 00-0141	ACR Wrought Copper P-Trap (23 23 16 00-0058)	
23 23 16 00-0142 EA	5/8" ACR Wrought Copper P-Trap.....	42.70 7.79
23 23 16 00-0143 EA	3/4" ACR Wrought Copper P-Trap.....	54.50 8.56
23 23 16 00-0144 EA	7/8" ACR Wrought Copper P-Trap.....	52.49 8.56
23 23 16 00-0145 EA	1-1/8" ACR Wrought Copper P-Trap.....	66.67 9.34
23 23 16 00-0146 EA	1-3/8" ACR Wrought Copper P-Trap.....	112.94 9.34
23 23 16 00-0147 EA	1-5/8" ACR Wrought Copper P-Trap.....	150.53 10.12
23 23 16 00-0148 EA	2-1/8" ACR Wrought Copper P-Trap.....	242.28 10.90
23 23 16 00-0149	Sight Glass With Moisture And Liquid Indicator, Solder Connection (23 23 16)	
23 23 16 00-0150 EA	1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	37.49 11.68
23 23 16 00-0151 EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	45.31 14.01
23 23 16 00-0152 EA	1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	54.44 17.13
23 23 16 00-0153 EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	60.35 19.47
23 23 16 00-0154 EA	7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	80.31 24.91
23 23 16 00-0155 EA	1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	93.91 30.36
23 23 16 00-0156 EA	1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	138.78 35.81
23 23 16 00-0157 EA	1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	174.00 49.05
23 23 16 00-0158 EA	2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection.....	214.22 60.71
23 23 16 00-0159	Filter Driers, Solder Connections (23 23 16)	
23 23 16 00-0160	Replaceable Core Type Filter Driers, Solder Connections (23 23 16 00-0159)	
23 23 16 00-0161 EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	293.75 7.00
23 23 16 00-0162 EA	7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	303.15 8.56
23 23 16 00-0163 EA	1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	388.87 8.56
23 23 16 00-0164 EA	1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	395.19 9.34
23 23 16 00-0165 EA	1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	446.50 10.12
23 23 16 00-0166 EA	2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	514.48 10.90
23 23 16 00-0167 EA	2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	603.55 11.68
23 23 16 00-0168 EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections.....	753.63 11.68
23 23 16 00-0169	Sealed In-Line Filter Driers, Solder Connections (23 23 16 00-0159)	
23 23 16 00-0170 EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections.....	58.62 7.00
23 23 16 00-0171 EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections.....	74.92 7.00
23 23 16 00-0172 EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections.....	95.14 7.79
23 23 16 00-0173 EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections.....	109.07 7.79
23 23 16 00-0174 EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections.....	120.60 7.79
23 23 16 00-0175 EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections.....	134.75 7.79
23 23 16 00-0176 EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections.....	152.15 8.56
23 23 16 00-0177 EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections.....	208.23 8.56
23 23 16 00-0178 EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections.....	229.25 8.56
23 23 16 00-0179	Bi-Flow Filter Driers, Solder Connections (23 23 16 00-0159)	
23 23 16 00-0180 EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	76.17 7.00
23 23 16 00-0181 EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	87.42 7.00
23 23 16 00-0182 EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections.....	105.36 7.79
23 23 16 00-0183 EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	92.38 7.00
23 23 16 00-0184 EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	115.59 7.79
23 23 16 00-0185 EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections.....	136.50 7.79
23 23 16 00-0186	Refrigerant Compressor Discharge Mufflers (23 23 16)	
23 23 16 00-0187 EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler.....	71.79 7.00
23 23 16 00-0188 EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler.....	79.38 7.00
23 23 16 00-0189 EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler.....	95.26 7.00
23 23 16 00-0190 EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler.....	128.44 8.56
23 23 16 00-0191 EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler.....	168.44 8.56
23 23 16 00-0192 EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler.....	200.58 9.34
23 23 16 00-0193 EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler.....	253.37 10.12
23 23 16 00-0194 EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler.....	436.82 10.90
23 23 16 00-0195 EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler.....	494.76 11.68
23 23 16 00-0196 EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler.....	613.48 11.68
23 23 16 00-0197	Expansion Valves And Vibration Absorbers (23 23 16)	
23 23 16 00-0198	Thermostatic Expansion Valves (23 23 16 00-0197)	
	Note: Outside diameter pipe sizes. Sporlan TP-S.	
23 23 16 00-0199 EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve.....	140.12 7.00
23 23 16 00-0200 EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve.....	194.75 7.79
23 23 16 00-0201 EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve.....	320.76 7.79
23 23 16 00-0202 EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve.....	380.78 8.56
23 23 16 00-0203 EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve.....	419.70 8.56
23 23 16 00-0204	Electric Expansion Valves (23 23 16 00-0197)	
	Note: Sporlan SEI or SEH.	
23 23 16 00-0205 EA	1/2 To 11 Ton Electric Expansion Valve.....	273.55 9.73
	Note: Sporlan SEI.	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 20 HVAC Piping And Pumps

23 23 Refrigerant Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 23 16 00-0206	EA	25 Ton Electric Expansion Valve Note: Sporlan SEI.	312.59	10.12
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve Note: Sporlan SEI.	351.80	10.51
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve Note: Sporlan SEH.	421.28	10.51
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve Note: Sporlan SEH.	471.93	10.90

23 23 16 00-0210 Braided Stainless Steel Over Copper Vibration Absorber (23 23 16 00-0197)

23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	37.39	10.12
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	39.04	11.68
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	50.13	14.79
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	54.95	17.90
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	65.19	21.79
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	75.04	24.91
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	107.07	9.34
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	146.97	10.12
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	180.71	10.12
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	240.76	10.90
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	400.40	11.68
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber.....	521.95	11.68

23 23 16 00-0223 Accumulator, Refrigerant Suction Line (23 23 16)

23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line.....	121.65	35.41
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line.....	165.26	48.65
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line	200.86	64.84
23 23 16 00-0227	EA	1 3/8" Accumulator, Refrigeration Suction Line.....	275.51	77.84
23 23 16 00-0228	EA	1-5/8" Accumulator, Refrigeration Suction Line	374.19	97.31
23 23 16 00-0229	EA	2-1/8" Accumulator, Refrigeration Suction Line	558.97	129.77

23 23 16 00-0230 Special Chemicals/Component (23 23 16)

23 23 16 00-0231	GAL	Special Chemical, Inhibited Propylene Glycol, 100%.....	21.19	
23 23 16 00-0232	GAL	Remove/Store For Reuse Inhibited Propylene Glycol.....	6.04	
23 23 16 00-0233	GAL	Special Chemical, Inhibited Ethylene Glycol, 100%.....	14.59	
23 23 16 00-0234	EA	Internal Coil/Refrigerant Piping Flush	198.10	

Note: Up to 10 ton AC system.

23 23 23 Refrigerants (23 23)

23 23 23 00-0001 Refrigerant (23 23 23)

23 23 23 00-0002	LB	Refrigerant R-113	28.31	
23 23 23 00-0003	LB	Refrigerant R-123	26.38	
23 23 23 00-0004	LB	Refrigerant R-134A	9.94	
23 23 23 00-0005	LB	Refrigerant R-404A	12.85	
23 23 23 00-0006	LB	Refrigerant R-407C.....	12.34	
23 23 23 00-0007	LB	Refrigerant R-408A	37.97	
23 23 23 00-0008	LB	Refrigerant R-409A	41.60	
23 23 23 00-0009	LB	Refrigerant R-410A	10.23	
23 23 23 00-0010	LB	Refrigerant R-500	32.47	
23 23 23 00-0011	LB	Refrigerant R-502	37.20	
23 23 23 00-0012	LB	Refrigerant R-507	12.34	

23 25 HVAC Water Treatment (23 20)

23 25 13 Water Treatment For Closed-Loop Hydronic Systems (23 25)

23 25 13 00-0001 Polyethylene Chemical Storage Tanks (23 25 13)

23 25 13 00-0002	EA	15 Gallon Chemical Storage Tank, Polyethylene.....	184.58	65.02
------------------	----	--	--------	-------

23 25 13 00-0003 Gas Chlorinator (23 25 13)

23 25 13 00-0004	EA	Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	925.93	295.82
		<i>For Booster Pump, Add</i>	342.59	
23 25 13 00-0005	EA	Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,057.69	338.08
		<i>For Booster Pump, Add</i>	391.57	
23 25 13 00-0006	EA	Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit	1,506.36	256.09
		<i>For Booster Pump, Add</i>	487.50	

23 25 13 00-0007 Bypass Shot Feeders (23 25 13)

Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.

23 25 13 00-0008 In Line Mount, 125 PSIG (23 25 13 00-0007)

23 25 13 00-0009	EA	1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG	806.51	220.29
------------------	----	--	--------	--------

23 25 13 00-0010 Floor Mount, 175 PSIG (23 25 13 00-0007)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 25 13 00-0011	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,180.15	331.61
23 25 13 00-0012	EA		12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,554.28	439.04
23 25 13 00-0013			Floor Mount, 150 LB ASME Code <small>(23 25 13 00-0007)</small>		
23 25 13 00-0014	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,180.15	331.61
23 25 13 00-0015	EA		10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code	1,554.28	439.04
23 25 13 00-0016			Floor Mount, 300 LB ASME Code <small>(23 25 13 00-0007)</small>		
23 25 13 00-0017	EA		5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,547.39	331.61
23 25 13 00-0018	EA		10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code	1,935.59	439.04

23 30 HVAC Air Distribution (23)

23 31 HVAC Ducts And Casings (23 30)

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0438 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts (23 31)

23 31 13 13 Rectangular Metal Ducts (23 31 13)

23 31 13 13-0001 Steel Sheet Metal Duct (23 31 13 13)

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork (23 31 13 13-0001)

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc. Pressure class 2" w.g. and less are considered low pressure/seal class C; pressure class 3" w.g. and less are considered medium pressure/seal class B; pressure class 4" w.g. and larger are considered high pressure/seal class A. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. Field fabricated ductwork is fabricated by hand to fit unique designs and installed on site. SMACNA weight for ductwork LB/SF (surface areas) by gauge: 30 gauge - 0.656 LB/SF; 28 gauge - 0.781 LB/SF; 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF; Add 10% additional material for lappage. The gauge of sheet metal is determined by the dimensional opening. Use the following to determine the minimum gauge of low pressure rectangular sheet metal ductwork unless otherwise stated by owner or drawings. The largest dimension of duct governs the gauge: up to 12" - 26 gauge, 13" to 30" - 24 gauge, 31" to 54" - 22 gauge, 55" to 84" - 20 gauge, 85" and larger - 18 gauge. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.

23 31 13 13-0003	LB		Sheet Metal Ductwork, Low Pressure, Field Fabricated, Galvanized, Field Assemble And Install	8.91	2.38
			<i>For Flat Oval, Add</i>	0.17	
			<i>For Up To 200, Add</i>	3.01	
			<i>For >200 To 500, Add</i>	1.88	
			<i>For >500 To 1,000, Add</i>	1.33	
			<i>For >1,000 To 2,000, Add</i>	0.75	
			<i>For >2,000 To 5,000, Add</i>	0.35	
			<i>For Work In Restricted Working Space, Add</i>	2.34	
23 31 13 13-0004	LB		Sheet Metal Ductwork, Medium Pressure, Field Fabricated, Galvanized, Field Assemble And Install	10.15	2.78
			<i>For Flat Oval, Add</i>	0.18	
			<i>For Up To 200, Add</i>	3.40	
			<i>For >200 To 500, Add</i>	2.12	
			<i>For >500 To 1,000, Add</i>	1.50	
			<i>For >1,000 To 2,000, Add</i>	0.85	
			<i>For >2,000 To 5,000, Add</i>	0.39	
			<i>For Work In Restricted Working Space, Add</i>	2.69	
23 31 13 13-0005	LB		Sheet Metal Ductwork, High Pressure, Field Fabricated, Galvanized, Field Assemble And Install.....	12.17	3.17
			<i>For Flat Oval, Add</i>	0.19	
			<i>For Up To 200, Add</i>	4.03	
			<i>For >200 To 500, Add</i>	2.51	
			<i>For >500 To 1,000, Add</i>	1.79	
			<i>For >1,000 To 2,000, Add</i>	1.01	
			<i>For >2,000 To 5,000, Add</i>	0.47	
			<i>For Work In Restricted Working Space, Add</i>	3.27	
23 31 13 13-0006	LB		Sheet Metal Ductwork, Low Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	5.70	2.38
			<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.35	
			<i>For Flat Oval, Add</i>	0.26	
			<i>For Up To 200, Add</i>	2.23	
			<i>For >200 To 500, Add</i>	1.46	
			<i>For >500 To 1,000, Add</i>	0.92	
			<i>For >1,000 To 2,000, Add</i>	0.51	
			<i>For >2,000 To 5,000, Add</i>	0.21	
			<i>For Work In Restricted Working Space, Add</i>	1.19	
23 31 13 13-0007	LB		Sheet Metal Ductwork, Medium Pressure, Shop Fabricated, Galvanized, Field Assemble And Install.....	6.61	2.78
			<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.43	
			<i>For Flat Oval, Add</i>	0.32	
			<i>For Up To 200, Add</i>	2.62	
			<i>For >200 To 500, Add</i>	1.72	
			<i>For >500 To 1,000, Add</i>	1.07	
			<i>For >1,000 To 2,000, Add</i>	0.59	
			<i>For >2,000 To 5,000, Add</i>	0.24	
			<i>For Work In Restricted Working Space, Add</i>	1.34	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0008	LB		Sheet Metal Ductwork, High Pressure, Shop Fabricated, Galvanized, Field Assemble And Install	8.03	3.17
			For Polyvinyl Chloride (PVC) Coated, Add	0.52	
			For Flat Oval, Add	0.39	
			For Up To 200, Add	3.19	
			For >200 To 500, Add	2.10	
			For >500 To 1,000, Add	1.31	
			For >1,000 To 2,000, Add	0.72	
			For >2,000 To 5,000, Add	0.30	
			For Work In Restricted Working Space, Add	1.63	
23 31 13 13-0009			Galvanized Steel Sheet Metal Ductwork By LF <small>(23 31 13 13-0001)</small>		
			Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0010			30 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0011	LF		4" x 4", 30 Gauge Galvanized Steel Duct	5.49	2.29
			For Flat Oval, Add	0.25	
			For Work In Restricted Working Space, Add	1.15	
23 31 13 13-0012	LF		4" x 6", 30 Gauge Galvanized Steel Duct	6.86	2.86
			For Flat Oval, Add	0.31	
			For Work In Restricted Working Space, Add	1.43	
23 31 13 13-0013	LF		4" x 8", 30 Gauge Galvanized Steel Duct	8.23	3.44
			For Flat Oval, Add	0.38	
			For Work In Restricted Working Space, Add	1.72	
23 31 13 13-0014	LF		4" x 10", 30 Gauge Galvanized Steel Duct	9.60	4.01
			For Flat Oval, Add	0.44	
			For Work In Restricted Working Space, Add	2.01	
23 31 13 13-0015	LF		4" x 12", 30 Gauge Galvanized Steel Duct	10.98	4.58
			For Flat Oval, Add	0.50	
			For Work In Restricted Working Space, Add	2.29	
23 31 13 13-0016	LF		4" x 14", 30 Gauge Galvanized Steel Duct	12.33	5.16
			For Flat Oval, Add	0.56	
			For Work In Restricted Working Space, Add	2.58	
23 31 13 13-0017	LF		4" x 16", 30 Gauge Galvanized Steel Duct	13.70	5.73
			For Flat Oval, Add	0.62	
			For Work In Restricted Working Space, Add	2.87	
23 31 13 13-0018	LF		6" x 6", 30 Gauge Galvanized Steel Duct	8.23	3.44
			For Flat Oval, Add	0.38	
			For Work In Restricted Working Space, Add	1.72	
23 31 13 13-0019	LF		6" x 8", 30 Gauge Galvanized Steel Duct	9.60	4.01
			For Flat Oval, Add	0.44	
			For Work In Restricted Working Space, Add	2.01	
23 31 13 13-0020	LF		6" x 10", 30 Gauge Galvanized Steel Duct	10.98	4.58
			For Flat Oval, Add	0.50	
			For Work In Restricted Working Space, Add	2.29	
23 31 13 13-0021	LF		6" x 12", 30 Gauge Galvanized Steel Duct	12.33	5.16
			For Flat Oval, Add	0.56	
			For Work In Restricted Working Space, Add	2.58	
23 31 13 13-0022	LF		6" x 14", 30 Gauge Galvanized Steel Duct	13.70	5.73
			For Flat Oval, Add	0.62	
			For Work In Restricted Working Space, Add	2.87	
23 31 13 13-0023	LF		6" x 16", 30 Gauge Galvanized Steel Duct	15.09	6.31
			For Flat Oval, Add	0.69	
			For Work In Restricted Working Space, Add	3.15	
23 31 13 13-0024	LF		8" x 8", 30 Gauge Galvanized Steel Duct	10.98	4.58
			For Flat Oval, Add	0.50	
			For Work In Restricted Working Space, Add	2.29	
23 31 13 13-0025	LF		8" x 10", 30 Gauge Galvanized Steel Duct	12.33	5.16
			For Flat Oval, Add	0.56	
			For Work In Restricted Working Space, Add	2.58	
23 31 13 13-0026	LF		8" x 12", 30 Gauge Galvanized Steel Duct	13.70	5.73
			For Flat Oval, Add	0.62	
			For Work In Restricted Working Space, Add	2.87	
23 31 13 13-0027	LF		8" x 14", 30 Gauge Galvanized Steel Duct	15.09	6.31
			For Flat Oval, Add	0.69	
			For Work In Restricted Working Space, Add	3.15	
23 31 13 13-0028	LF		8" x 16", 30 Gauge Galvanized Steel Duct	16.44	6.87
			For Flat Oval, Add	0.75	
			For Work In Restricted Working Space, Add	3.44	
23 31 13 13-0029	LF		8" x 18", 30 Gauge Galvanized Steel Duct	17.82	7.45
			For Flat Oval, Add	0.81	
			For Work In Restricted Working Space, Add	3.72	
23 31 13 13-0030	LF		8" x 20", 30 Gauge Galvanized Steel Duct	19.19	8.02
			For Flat Oval, Add	0.87	
			For Work In Restricted Working Space, Add	4.01	
23 31 13 13-0031	LF		8" x 22", 30 Gauge Galvanized Steel Duct	20.58	8.59
			For Flat Oval, Add	0.94	
			For Work In Restricted Working Space, Add	4.30	
23 31 13 13-0032	LF		8" x 24", 30 Gauge Galvanized Steel Duct	21.93	9.17
			For Flat Oval, Add	1.00	
			For Work In Restricted Working Space, Add	4.58	
23 31 13 13-0033	LF		10" x 10", 30 Gauge Galvanized Steel Duct	13.70	5.73
			For Flat Oval, Add	0.62	
			For Work In Restricted Working Space, Add	2.87	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13	13-0034	LF 10" x 12", 30 Gauge Galvanized Steel Duct	.....	15.09	6.31
		For Flat Oval, Add		0.69	
		For Work In Restricted Working Space, Add		3.15	
23 31 13	13-0035	LF 10" x 14", 30 Gauge Galvanized Steel Duct	.....	16.44	6.87
		For Flat Oval, Add		0.75	
		For Work In Restricted Working Space, Add		3.44	
23 31 13	13-0036	LF 10" x 16", 30 Gauge Galvanized Steel Duct	.....	17.82	7.45
		For Flat Oval, Add		0.81	
		For Work In Restricted Working Space, Add		3.72	
23 31 13	13-0037	LF 10" x 18", 30 Gauge Galvanized Steel Duct	.....	19.19	8.02
		For Flat Oval, Add		0.87	
		For Work In Restricted Working Space, Add		4.01	
23 31 13	13-0038	LF 10" x 20", 30 Gauge Galvanized Steel Duct	.....	20.58	8.59
		For Flat Oval, Add		0.94	
		For Work In Restricted Working Space, Add		4.30	
23 31 13	13-0039	LF 10" x 22", 30 Gauge Galvanized Steel Duct	.....	21.93	9.17
		For Flat Oval, Add		1.00	
		For Work In Restricted Working Space, Add		4.58	
23 31 13	13-0040	LF 10" x 24", 30 Gauge Galvanized Steel Duct	.....	23.31	9.74
		For Flat Oval, Add		1.06	
		For Work In Restricted Working Space, Add		4.87	
23 31 13	13-0041	LF 12" x 12", 30 Gauge Galvanized Steel Duct	.....	16.44	6.87
		For Flat Oval, Add		0.75	
		For Work In Restricted Working Space, Add		3.44	
23 31 13	13-0042	LF 12" x 14", 30 Gauge Galvanized Steel Duct	.....	17.82	7.45
		For Flat Oval, Add		0.81	
		For Work In Restricted Working Space, Add		3.72	
23 31 13	13-0043	LF 12" x 16", 30 Gauge Galvanized Steel Duct	.....	19.19	8.02
		For Flat Oval, Add		0.87	
		For Work In Restricted Working Space, Add		4.01	
23 31 13	13-0044	LF 12" x 18", 30 Gauge Galvanized Steel Duct	.....	20.58	8.59
		For Flat Oval, Add		0.94	
		For Work In Restricted Working Space, Add		4.30	
23 31 13	13-0045	LF 12" x 20", 30 Gauge Galvanized Steel Duct	.....	21.93	9.17
		For Flat Oval, Add		1.00	
		For Work In Restricted Working Space, Add		4.58	
23 31 13	13-0046	LF 12" x 22", 30 Gauge Galvanized Steel Duct	.....	23.31	9.74
		For Flat Oval, Add		1.06	
		For Work In Restricted Working Space, Add		4.87	
23 31 13	13-0047	LF 12" x 24", 30 Gauge Galvanized Steel Duct	.....	24.68	10.32
		For Flat Oval, Add		1.12	
		For Work In Restricted Working Space, Add		5.16	
23 31 13	13-0048	LF 14" x 14", 30 Gauge Galvanized Steel Duct	.....	19.19	8.02
		For Flat Oval, Add		0.87	
		For Work In Restricted Working Space, Add		4.01	
23 31 13	13-0049	LF 14" x 16", 30 Gauge Galvanized Steel Duct	.....	20.58	8.59
		For Flat Oval, Add		0.94	
		For Work In Restricted Working Space, Add		4.30	
23 31 13	13-0050	LF 14" x 18", 30 Gauge Galvanized Steel Duct	.....	21.93	9.17
		For Flat Oval, Add		1.00	
		For Work In Restricted Working Space, Add		4.58	
23 31 13	13-0051	LF 14" x 20", 30 Gauge Galvanized Steel Duct	.....	23.31	9.74
		For Flat Oval, Add		1.06	
		For Work In Restricted Working Space, Add		4.87	
23 31 13	13-0052	LF 14" x 22", 30 Gauge Galvanized Steel Duct	.....	24.68	10.32
		For Flat Oval, Add		1.12	
		For Work In Restricted Working Space, Add		5.16	
23 31 13	13-0053	LF 14" x 24", 30 Gauge Galvanized Steel Duct	.....	26.06	10.89
		For Flat Oval, Add		1.19	
		For Work In Restricted Working Space, Add		5.45	
23 31 13	13-0054	LF 16" x 16", 30 Gauge Galvanized Steel Duct	.....	21.93	9.17
		For Flat Oval, Add		1.00	
		For Work In Restricted Working Space, Add		4.58	
23 31 13	13-0055	LF 16" x 18", 30 Gauge Galvanized Steel Duct	.....	23.31	9.74
		For Flat Oval, Add		1.06	
		For Work In Restricted Working Space, Add		4.87	
23 31 13	13-0056	LF 16" x 20", 30 Gauge Galvanized Steel Duct	.....	24.68	10.32
		For Flat Oval, Add		1.12	
		For Work In Restricted Working Space, Add		5.16	
23 31 13	13-0057	LF 16" x 22", 30 Gauge Galvanized Steel Duct	.....	26.06	10.89
		For Flat Oval, Add		1.19	
		For Work In Restricted Working Space, Add		5.45	
23 31 13	13-0058	LF 16" x 24", 30 Gauge Galvanized Steel Duct	.....	27.42	11.46
		For Flat Oval, Add		1.25	
		For Work In Restricted Working Space, Add		5.73	
23 31 13	13-0059	LF 18" x 18", 30 Gauge Galvanized Steel Duct	.....	24.68	10.32
		For Flat Oval, Add		1.12	
		For Work In Restricted Working Space, Add		5.16	
23 31 13	13-0060	LF 18" x 20", 30 Gauge Galvanized Steel Duct	.....	26.06	10.89
		For Flat Oval, Add		1.19	
		For Work In Restricted Working Space, Add		5.45	
23 31 13	13-0061	LF 18" x 22", 30 Gauge Galvanized Steel Duct	.....	27.42	11.46
		For Flat Oval, Add		1.25	
		For Work In Restricted Working Space, Add		5.73	
23 31 13	13-0062	LF 18" x 24", 30 Gauge Galvanized Steel Duct	.....	28.78	12.03
		For Flat Oval, Add		1.31	
		For Work In Restricted Working Space, Add		6.02	
23 31 13	13-0063	LF 20" x 20", 30 Gauge Galvanized Steel Duct	.....	27.42	11.46
		For Flat Oval, Add		1.25	
		For Work In Restricted Working Space, Add		5.73	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0064	LF 20" x 22", 30 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.78 1.31 6.02	12.03
23 31 13 13-0065	LF 20" x 24", 30 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.16 1.37 6.30	12.60
23 31 13 13-0066	LF 22" x 22", 30 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.16 1.37 6.30	12.60
23 31 13 13-0067	LF 22" x 24", 30 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.52 1.43 6.59	13.18
23 31 13 13-0068	LF 24" x 24", 30 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.91 1.50 6.88	13.75
23 31 13 13-0069	28 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0070	LF 4" x 4", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	6.51 0.30 1.36	2.73
23 31 13 13-0071	LF 4" x 6", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.16 0.37 1.70	3.42
23 31 13 13-0072	LF 4" x 8", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.79 0.45 2.05	4.09
23 31 13 13-0073	LF 4" x 10", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.42 0.52 2.39	4.78
23 31 13 13-0074	LF 4" x 12", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.07 0.60 2.73	5.46
23 31 13 13-0075	LF 4" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.70 0.67 3.07	6.14
23 31 13 13-0076	LF 4" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.30 0.74 3.41	6.82
23 31 13 13-0077	LF 6" x 6", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.79 0.45 2.05	4.09
23 31 13 13-0078	LF 6" x 8", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.42 0.52 2.39	4.78
23 31 13 13-0079	LF 6" x 10", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.07 0.60 2.73	5.46
23 31 13 13-0080	LF 6" x 12", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.70 0.67 3.07	6.14
23 31 13 13-0081	LF 6" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.30 0.74 3.41	6.82
23 31 13 13-0082	LF 6" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.95 0.82 3.75	7.51
23 31 13 13-0083	LF 8" x 8", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.07 0.60 2.73	5.46
23 31 13 13-0084	LF 8" x 10", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.70 0.67 3.07	6.14
23 31 13 13-0085	LF 8" x 12", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.30 0.74 3.41	6.82
23 31 13 13-0086	LF 8" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.95 0.82 3.75	7.51
23 31 13 13-0087	LF 8" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.58 0.89 4.09	8.18
23 31 13 13-0088	LF 8" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.21 0.96 4.43	8.87
23 31 13 13-0089	LF 8" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.86 1.04 4.78	9.55
23 31 13 13-0090	LF 8" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.49 1.11 5.12	10.24
23 31 13 13-0091	LF 8" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 1.19 5.46	10.91
23 31 13 13-0092	LF 10" x 10", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.30 0.74 3.41	6.82
23 31 13 13-0093	LF 10" x 12", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.95 0.82 3.75	7.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0094	LF		10" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.58 0.89 4.09	8.18
23 31 13 13-0095	LF		10" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.21 0.96 4.43	8.87
23 31 13 13-0096	LF		10" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.86 1.04 4.78	9.55
23 31 13 13-0097	LF		10" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.49 1.11 5.12	10.24
23 31 13 13-0098	LF		10" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 1.19 5.46	10.91
23 31 13 13-0099	LF		10" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.74 1.26 5.80	11.60
23 31 13 13-0100	LF		12" x 12", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.58 0.89 4.09	8.18
23 31 13 13-0101	LF		12" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.21 0.96 4.43	8.87
23 31 13 13-0102	LF		12" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.86 1.04 4.78	9.55
23 31 13 13-0103	LF		12" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.49 1.11 5.12	10.24
23 31 13 13-0104	LF		12" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 1.19 5.46	10.91
23 31 13 13-0105	LF		12" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.74 1.26 5.80	11.60
23 31 13 13-0106	LF		12" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.37 1.34 6.14	12.28
23 31 13 13-0107	LF		14" x 14", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.86 1.04 4.78	9.55
23 31 13 13-0108	LF		14" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.49 1.11 5.12	10.24
23 31 13 13-0109	LF		14" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 1.19 5.46	10.91
23 31 13 13-0110	LF		14" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.74 1.26 5.80	11.60
23 31 13 13-0111	LF		14" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.37 1.34 6.14	12.28
23 31 13 13-0112	LF		14" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.02 1.41 6.48	12.96
23 31 13 13-0113	LF		16" x 16", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.13 1.19 5.46	10.91
23 31 13 13-0114	LF		16" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.74 1.26 5.80	11.60
23 31 13 13-0115	LF		16" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.37 1.34 6.14	12.28
23 31 13 13-0116	LF		16" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.02 1.41 6.48	12.96
23 31 13 13-0117	LF		16" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.65 1.49 6.82	13.64
23 31 13 13-0118	LF		18" x 18", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.37 1.34 6.14	12.28
23 31 13 13-0119	LF		18" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.02 1.41 6.48	12.96
23 31 13 13-0120	LF		18" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.65 1.49 6.82	13.64
23 31 13 13-0121	LF		18" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.28 1.56 7.16	14.33
23 31 13 13-0122	LF		20" x 20", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.65 1.49 6.82	13.64
23 31 13 13-0123	LF		20" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.28 1.56 7.16	14.33

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0124	LF 20" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.92 1.64 7.51	15.01
23 31 13 13-0125	LF 22" x 22", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.92 1.64 7.51	15.01
23 31 13 13-0126	LF 22" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.54 1.71 7.85	15.69
23 31 13 13-0127	LF 24" x 24", 28 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.16 1.78 8.18	16.37
23 31 13 13-0128	26 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0129	LF 4" x 4", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	7.57 0.35 1.58	3.16
23 31 13 13-0130	LF 4" x 6", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.47 0.43 1.98	3.95
23 31 13 13-0131	LF 4" x 8", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.37 0.52 2.38	4.75
23 31 13 13-0132	LF 4" x 10", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.26 0.60 2.77	5.54
23 31 13 13-0133	LF 4" x 12", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.15 0.69 3.17	6.33
23 31 13 13-0134	LF 4" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.04 0.78 3.56	7.12
23 31 13 13-0135	LF 4" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.93 0.86 3.96	7.91
23 31 13 13-0136	LF 6" x 6", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.37 0.52 2.38	4.75
23 31 13 13-0137	LF 6" x 8", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.26 0.60 2.77	5.54
23 31 13 13-0138	LF 6" x 10", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.15 0.69 3.17	6.33
23 31 13 13-0139	LF 6" x 12", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.04 0.78 3.56	7.12
23 31 13 13-0140	LF 6" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.93 0.86 3.96	7.91
23 31 13 13-0141	LF 6" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.84 0.95 4.35	8.70
23 31 13 13-0142	LF 8" x 8", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.15 0.69 3.17	6.33
23 31 13 13-0143	LF 8" x 10", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.04 0.78 3.56	7.12
23 31 13 13-0144	LF 8" x 12", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.93 0.86 3.96	7.92
23 31 13 13-0145	LF 8" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.84 0.95 4.35	8.70
23 31 13 13-0146	LF 8" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.73 1.04 4.75	9.50
23 31 13 13-0147	LF 8" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.62 1.12 5.15	10.29
23 31 13 13-0148	LF 8" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 1.21 5.54	11.08
23 31 13 13-0149	LF 8" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.42 1.29 5.94	11.87
23 31 13 13-0150	LF 8" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.31 1.38 6.33	12.66
23 31 13 13-0151	LF 10" x 10", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.93 0.86 3.96	7.92
23 31 13 13-0152	LF 10" x 12", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.83 0.95 4.35	8.70
23 31 13 13-0153	LF 10" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.73 1.04 4.75	9.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0154	LF		10" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.62 1.12 5.15	10.29
23 31 13 13-0155	LF		10" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 1.21 5.54	11.08
23 31 13 13-0156	LF		10" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.42 1.29 5.94	11.87
23 31 13 13-0157	LF		10" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.31 1.38 6.33	12.66
23 31 13 13-0158	LF		10" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.18 1.46 6.73	13.45
23 31 13 13-0159	LF		12" x 12", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.72 1.03 4.75	9.50
23 31 13 13-0160	LF		12" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.62 1.12 5.15	10.29
23 31 13 13-0161	LF		12" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 1.21 5.54	11.08
23 31 13 13-0162	LF		12" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.42 1.29 5.94	11.87
23 31 13 13-0163	LF		12" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.31 1.38 6.33	12.66
23 31 13 13-0164	LF		12" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.18 1.46 6.73	13.45
23 31 13 13-0165	LF		12" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.07 1.55 7.12	14.25
23 31 13 13-0166	LF		14" x 14", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.51 1.21 5.54	11.08
23 31 13 13-0167	LF		14" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.42 1.29 5.94	11.87
23 31 13 13-0168	LF		14" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.31 1.38 6.33	12.66
23 31 13 13-0169	LF		14" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.18 1.46 6.73	13.45
23 31 13 13-0170	LF		14" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.07 1.55 7.12	14.25
23 31 13 13-0171	LF		14" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.98 1.64 7.52	15.03
23 31 13 13-0172	LF		16" x 16", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.31 1.38 6.33	12.66
23 31 13 13-0173	LF		16" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.18 1.46 6.73	13.45
23 31 13 13-0174	LF		16" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.07 1.55 7.12	14.25
23 31 13 13-0175	LF		16" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.98 1.64 7.52	15.03
23 31 13 13-0176	LF		16" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.87 1.72 7.91	15.83
23 31 13 13-0177	LF		18" x 18", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.07 1.55 7.12	14.25
23 31 13 13-0178	LF		18" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.98 1.64 7.52	15.03
23 31 13 13-0179	LF		18" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.87 1.72 7.91	15.83
23 31 13 13-0180	LF		18" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.76 1.81 8.31	16.61
23 31 13 13-0181	LF		20" x 20", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.87 1.72 7.91	15.83
23 31 13 13-0182	LF		20" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	39.76 1.81 8.31	16.61
23 31 13 13-0183	LF		20" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.65 1.89 8.71	17.41

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0184	LF 22" x 22", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.65 1.89 8.71	17.41
23 31 13 13-0185	LF 22" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.56 1.98 9.10	18.21
23 31 13 13-0186	LF 24" x 24", 26 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.45 2.07 9.50	18.99
23 31 13 13-0187	24 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0188	LF 4" x 4", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	9.66 0.44 2.02	4.04
23 31 13 13-0189	LF 4" x 6", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.07 0.55 2.52	5.05
23 31 13 13-0190	LF 4" x 8", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.50 0.66 3.03	6.06
23 31 13 13-0191	LF 4" x 10", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.92 0.77 3.54	7.06
23 31 13 13-0192	LF 4" x 12", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32 0.88 4.04	8.08
23 31 13 13-0193	LF 4" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.74 0.99 4.54	9.09
23 31 13 13-0194	LF 4" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.16 1.10 5.05	10.10
23 31 13 13-0195	LF 6" x 6", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.50 0.66 3.03	6.06
23 31 13 13-0196	LF 6" x 8", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.92 0.77 3.54	7.06
23 31 13 13-0197	LF 6" x 10", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32 0.88 4.04	8.08
23 31 13 13-0198	LF 6" x 12", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.74 0.99 4.54	9.09
23 31 13 13-0199	LF 6" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.16 1.10 5.05	10.10
23 31 13 13-0200	LF 6" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.57 1.21 5.55	11.11
23 31 13 13-0201	LF 8" x 8", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.32 0.88 4.04	8.08
23 31 13 13-0202	LF 8" x 10", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.74 0.99 4.54	9.09
23 31 13 13-0203	LF 8" x 12", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.16 1.10 5.05	10.10
23 31 13 13-0204	LF 8" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.57 1.21 5.55	11.11
23 31 13 13-0205	LF 8" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.99 1.32 6.06	12.12
23 31 13 13-0206	LF 8" x 18", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.40 1.43 6.56	13.13
23 31 13 13-0207	LF 8" x 20", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.82 1.54 7.07	14.14
23 31 13 13-0208	LF 8" x 22", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.24 1.65 7.57	15.14
23 31 13 13-0209	LF 8" x 24", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.66 1.76 8.08	16.16
23 31 13 13-0210	LF 10" x 10", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.16 1.10 5.05	10.10
23 31 13 13-0211	LF 10" x 12", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.57 1.21 5.55	11.11
23 31 13 13-0212	LF 10" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.99 1.32 6.06	12.12
23 31 13 13-0213	LF 10" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.40 1.43 6.56	13.13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0214	LF	10" x 18", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.82 1.54 7.07	14.14
23 31 13	13-0215	LF	10" x 20", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.24 1.65 7.57	15.14
23 31 13	13-0216	LF	10" x 22", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.66 1.76 8.08	16.16
23 31 13	13-0217	LF	10" x 24", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.07 1.87 8.58	17.17
23 31 13	13-0218	LF	10" x 26", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.49 1.98 9.09	18.18
23 31 13	13-0219	LF	10" x 28", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.91 2.09 9.59	19.18
23 31 13	13-0220	LF	10" x 30", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.32 2.20 10.10	20.19
23 31 13	13-0221	LF	12" x 12", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.99 1.32 6.06	12.12
23 31 13	13-0222	LF	12" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.40 1.43 6.56	13.13
23 31 13	13-0223	LF	12" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.82 1.54 7.07	14.14
23 31 13	13-0224	LF	12" x 18", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.24 1.65 7.57	15.14
23 31 13	13-0225	LF	12" x 20", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.66 1.76 8.08	16.16
23 31 13	13-0226	LF	12" x 22", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.07 1.87 8.58	17.17
23 31 13	13-0227	LF	12" x 24", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.49 1.98 9.09	18.18
23 31 13	13-0228	LF	12" x 26", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.91 2.09 9.59	19.18
23 31 13	13-0229	LF	12" x 28", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.32 2.20 10.10	20.19
23 31 13	13-0230	LF	12" x 30", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.73 2.31 10.60	21.20
23 31 13	13-0231	LF	14" x 14", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.82 1.54 7.07	14.14
23 31 13	13-0232	LF	14" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.24 1.65 7.57	15.14
23 31 13	13-0233	LF	14" x 18", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.66 1.76 8.08	16.16
23 31 13	13-0234	LF	14" x 20", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.07 1.87 8.58	17.17
23 31 13	13-0235	LF	14" x 22", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.49 1.98 9.09	18.18
23 31 13	13-0236	LF	14" x 24", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.91 2.09 9.59	19.18
23 31 13	13-0237	LF	14" x 26", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.32 2.20 10.10	20.19
23 31 13	13-0238	LF	14" x 28", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.73 2.31 10.60	21.20
23 31 13	13-0239	LF	14" x 30", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.16 2.42 11.11	22.22
23 31 13	13-0240	LF	16" x 16", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.66 1.76 8.08	16.16
23 31 13	13-0241	LF	16" x 18", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.07 1.87 8.58	17.17
23 31 13	13-0242	LF	16" x 20", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.49 1.98 9.09	18.18
23 31 13	13-0243	LF	16" x 22", 24 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.91 2.09 9.59	19.18

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0244	LF	16" x 24", 24 Gauge Galvanized Steel Duct	48.32	20.19
		<i>For Flat Oval, Add</i>	2.20	
		<i>For Work In Restricted Working Space, Add</i>	10.10	
23 31 13 13-0245	LF	16" x 26", 24 Gauge Galvanized Steel Duct	50.73	21.20
		<i>For Flat Oval, Add</i>	2.31	
		<i>For Work In Restricted Working Space, Add</i>	10.60	
23 31 13 13-0246	LF	16" x 28", 24 Gauge Galvanized Steel Duct	53.16	22.22
		<i>For Flat Oval, Add</i>	2.42	
		<i>For Work In Restricted Working Space, Add</i>	11.11	
23 31 13 13-0247	LF	16" x 30", 24 Gauge Galvanized Steel Duct	55.56	23.22
		<i>For Flat Oval, Add</i>	2.53	
		<i>For Work In Restricted Working Space, Add</i>	11.61	
23 31 13 13-0248	LF	18" x 18", 24 Gauge Galvanized Steel Duct	43.49	18.18
		<i>For Flat Oval, Add</i>	1.98	
		<i>For Work In Restricted Working Space, Add</i>	9.09	
23 31 13 13-0249	LF	18" x 20", 24 Gauge Galvanized Steel Duct	45.91	19.18
		<i>For Flat Oval, Add</i>	2.09	
		<i>For Work In Restricted Working Space, Add</i>	9.59	
23 31 13 13-0250	LF	18" x 22", 24 Gauge Galvanized Steel Duct	48.32	20.19
		<i>For Flat Oval, Add</i>	2.20	
		<i>For Work In Restricted Working Space, Add</i>	10.10	
23 31 13 13-0251	LF	18" x 24", 24 Gauge Galvanized Steel Duct	50.73	21.20
		<i>For Flat Oval, Add</i>	2.31	
		<i>For Work In Restricted Working Space, Add</i>	10.60	
23 31 13 13-0252	LF	18" x 26", 24 Gauge Galvanized Steel Duct	53.16	22.22
		<i>For Flat Oval, Add</i>	2.42	
		<i>For Work In Restricted Working Space, Add</i>	11.11	
23 31 13 13-0253	LF	18" x 28", 24 Gauge Galvanized Steel Duct	55.56	23.22
		<i>For Flat Oval, Add</i>	2.53	
		<i>For Work In Restricted Working Space, Add</i>	11.61	
23 31 13 13-0254	LF	18" x 30", 24 Gauge Galvanized Steel Duct	57.97	24.23
		<i>For Flat Oval, Add</i>	2.64	
		<i>For Work In Restricted Working Space, Add</i>	12.11	
23 31 13 13-0255	LF	20" x 20", 24 Gauge Galvanized Steel Duct	48.32	20.19
		<i>For Flat Oval, Add</i>	2.20	
		<i>For Work In Restricted Working Space, Add</i>	10.10	
23 31 13 13-0256	LF	20" x 22", 24 Gauge Galvanized Steel Duct	50.73	21.20
		<i>For Flat Oval, Add</i>	2.31	
		<i>For Work In Restricted Working Space, Add</i>	10.60	
23 31 13 13-0257	LF	20" x 24", 24 Gauge Galvanized Steel Duct	53.16	22.22
		<i>For Flat Oval, Add</i>	2.42	
		<i>For Work In Restricted Working Space, Add</i>	11.11	
23 31 13 13-0258	LF	20" x 26", 24 Gauge Galvanized Steel Duct	55.56	23.22
		<i>For Flat Oval, Add</i>	2.53	
		<i>For Work In Restricted Working Space, Add</i>	11.61	
23 31 13 13-0259	LF	20" x 28", 24 Gauge Galvanized Steel Duct	57.97	24.23
		<i>For Flat Oval, Add</i>	2.64	
		<i>For Work In Restricted Working Space, Add</i>	12.11	
23 31 13 13-0260	LF	20" x 30", 24 Gauge Galvanized Steel Duct	60.39	25.24
		<i>For Flat Oval, Add</i>	2.75	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 31 13 13-0261	LF	22" x 22", 24 Gauge Galvanized Steel Duct	53.16	22.22
		<i>For Flat Oval, Add</i>	2.42	
		<i>For Work In Restricted Working Space, Add</i>	11.11	
23 31 13 13-0262	LF	22" x 24", 24 Gauge Galvanized Steel Duct	55.56	23.22
		<i>For Flat Oval, Add</i>	2.53	
		<i>For Work In Restricted Working Space, Add</i>	11.61	
23 31 13 13-0263	LF	22" x 26", 24 Gauge Galvanized Steel Duct	57.97	24.23
		<i>For Flat Oval, Add</i>	2.64	
		<i>For Work In Restricted Working Space, Add</i>	12.11	
23 31 13 13-0264	LF	22" x 28", 24 Gauge Galvanized Steel Duct	60.39	25.24
		<i>For Flat Oval, Add</i>	2.75	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 31 13 13-0265	LF	22" x 30", 24 Gauge Galvanized Steel Duct	62.82	26.26
		<i>For Flat Oval, Add</i>	2.86	
		<i>For Work In Restricted Working Space, Add</i>	13.13	
23 31 13 13-0266	LF	24" x 24", 24 Gauge Galvanized Steel Duct	57.97	24.23
		<i>For Flat Oval, Add</i>	2.64	
		<i>For Work In Restricted Working Space, Add</i>	12.11	
23 31 13 13-0267	LF	24" x 26", 24 Gauge Galvanized Steel Duct	60.39	25.24
		<i>For Flat Oval, Add</i>	2.75	
		<i>For Work In Restricted Working Space, Add</i>	12.62	
23 31 13 13-0268	LF	24" x 28", 24 Gauge Galvanized Steel Duct	62.82	26.26
		<i>For Flat Oval, Add</i>	2.86	
		<i>For Work In Restricted Working Space, Add</i>	13.13	
23 31 13 13-0269	LF	24" x 30", 24 Gauge Galvanized Steel Duct	65.23	27.26
		<i>For Flat Oval, Add</i>	2.97	
		<i>For Work In Restricted Working Space, Add</i>	13.63	
23 31 13 13-0270	LF	26" x 26", 24 Gauge Galvanized Steel Duct	62.82	26.26
		<i>For Flat Oval, Add</i>	2.86	
		<i>For Work In Restricted Working Space, Add</i>	13.13	
23 31 13 13-0271	LF	26" x 28", 24 Gauge Galvanized Steel Duct	65.23	27.26
		<i>For Flat Oval, Add</i>	2.97	
		<i>For Work In Restricted Working Space, Add</i>	13.63	
23 31 13 13-0272	LF	26" x 30", 24 Gauge Galvanized Steel Duct	67.64	28.27
		<i>For Flat Oval, Add</i>	3.08	
		<i>For Work In Restricted Working Space, Add</i>	14.14	
23 31 13 13-0273	LF	28" x 28", 24 Gauge Galvanized Steel Duct	67.64	28.27
		<i>For Flat Oval, Add</i>	3.08	
		<i>For Work In Restricted Working Space, Add</i>	14.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0274	LF		28" x 30", 24 Gauge Galvanized Steel Duct	70.06	29.29
			<i>For Flat Oval, Add</i>	3.19	
			<i>For Work In Restricted Working Space, Add</i>	14.64	
23 31 13 13-0275	LF		30" x 30", 24 Gauge Galvanized Steel Duct	72.48	30.30
			<i>For Flat Oval, Add</i>	3.30	
			<i>For Work In Restricted Working Space, Add</i>	15.15	
23 31 13 13-0276			22 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0277	LF		4" x 4", 22 Gauge Galvanized Steel Duct	11.76	4.92
			<i>For Flat Oval, Add</i>	0.54	
			<i>For Work In Restricted Working Space, Add</i>	2.46	
23 31 13 13-0278	LF		4" x 6", 22 Gauge Galvanized Steel Duct	14.70	6.14
			<i>For Flat Oval, Add</i>	0.67	
			<i>For Work In Restricted Working Space, Add</i>	3.07	
23 31 13 13-0279	LF		4" x 8", 22 Gauge Galvanized Steel Duct	17.63	7.37
			<i>For Flat Oval, Add</i>	0.80	
			<i>For Work In Restricted Working Space, Add</i>	3.68	
23 31 13 13-0280	LF		4" x 10", 22 Gauge Galvanized Steel Duct	20.57	8.60
			<i>For Flat Oval, Add</i>	0.94	
			<i>For Work In Restricted Working Space, Add</i>	4.30	
23 31 13 13-0281	LF		4" x 12", 22 Gauge Galvanized Steel Duct	23.50	9.82
			<i>For Flat Oval, Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	4.91	
23 31 13 13-0282	LF		4" x 14", 22 Gauge Galvanized Steel Duct	26.44	11.05
			<i>For Flat Oval, Add</i>	1.20	
			<i>For Work In Restricted Working Space, Add</i>	5.53	
23 31 13 13-0283	LF		4" x 16", 22 Gauge Galvanized Steel Duct	29.39	12.28
			<i>For Flat Oval, Add</i>	1.34	
			<i>For Work In Restricted Working Space, Add</i>	6.14	
23 31 13 13-0284	LF		6" x 6", 22 Gauge Galvanized Steel Duct	17.63	7.37
			<i>For Flat Oval, Add</i>	0.80	
			<i>For Work In Restricted Working Space, Add</i>	3.68	
23 31 13 13-0285	LF		6" x 8", 22 Gauge Galvanized Steel Duct	20.57	8.60
			<i>For Flat Oval, Add</i>	0.94	
			<i>For Work In Restricted Working Space, Add</i>	4.30	
23 31 13 13-0286	LF		6" x 10", 22 Gauge Galvanized Steel Duct	23.50	9.82
			<i>For Flat Oval, Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	4.91	
23 31 13 13-0287	LF		6" x 12", 22 Gauge Galvanized Steel Duct	26.44	11.05
			<i>For Flat Oval, Add</i>	1.20	
			<i>For Work In Restricted Working Space, Add</i>	5.53	
23 31 13 13-0288	LF		6" x 14", 22 Gauge Galvanized Steel Duct	29.39	12.28
			<i>For Flat Oval, Add</i>	1.34	
			<i>For Work In Restricted Working Space, Add</i>	6.14	
23 31 13 13-0289	LF		6" x 16", 22 Gauge Galvanized Steel Duct	32.32	13.51
			<i>For Flat Oval, Add</i>	1.47	
			<i>For Work In Restricted Working Space, Add</i>	6.75	
23 31 13 13-0290	LF		8" x 8", 22 Gauge Galvanized Steel Duct	23.50	9.82
			<i>For Flat Oval, Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	4.91	
23 31 13 13-0291	LF		8" x 10", 22 Gauge Galvanized Steel Duct	26.44	11.05
			<i>For Flat Oval, Add</i>	1.20	
			<i>For Work In Restricted Working Space, Add</i>	5.53	
23 31 13 13-0292	LF		8" x 12", 22 Gauge Galvanized Steel Duct	29.39	12.28
			<i>For Flat Oval, Add</i>	1.34	
			<i>For Work In Restricted Working Space, Add</i>	6.14	
23 31 13 13-0293	LF		8" x 14", 22 Gauge Galvanized Steel Duct	32.32	13.51
			<i>For Flat Oval, Add</i>	1.47	
			<i>For Work In Restricted Working Space, Add</i>	6.75	
23 31 13 13-0294	LF		8" x 16", 22 Gauge Galvanized Steel Duct	35.26	14.74
			<i>For Flat Oval, Add</i>	1.61	
			<i>For Work In Restricted Working Space, Add</i>	7.37	
23 31 13 13-0295	LF		8" x 18", 22 Gauge Galvanized Steel Duct	38.20	15.97
			<i>For Flat Oval, Add</i>	1.74	
			<i>For Work In Restricted Working Space, Add</i>	7.98	
23 31 13 13-0296	LF		8" x 20", 22 Gauge Galvanized Steel Duct	41.13	17.19
			<i>For Flat Oval, Add</i>	1.87	
			<i>For Work In Restricted Working Space, Add</i>	8.60	
23 31 13 13-0297	LF		8" x 22", 22 Gauge Galvanized Steel Duct	44.08	18.42
			<i>For Flat Oval, Add</i>	2.01	
			<i>For Work In Restricted Working Space, Add</i>	9.21	
23 31 13 13-0298	LF		8" x 24", 22 Gauge Galvanized Steel Duct	47.00	19.66
			<i>For Flat Oval, Add</i>	2.14	
			<i>For Work In Restricted Working Space, Add</i>	9.82	
23 31 13 13-0299	LF		10" x 10", 22 Gauge Galvanized Steel Duct	29.39	12.28
			<i>For Flat Oval, Add</i>	1.34	
			<i>For Work In Restricted Working Space, Add</i>	6.14	
23 31 13 13-0300	LF		10" x 12", 22 Gauge Galvanized Steel Duct	32.32	13.51
			<i>For Flat Oval, Add</i>	1.47	
			<i>For Work In Restricted Working Space, Add</i>	6.75	
23 31 13 13-0301	LF		10" x 14", 22 Gauge Galvanized Steel Duct	35.26	14.74
			<i>For Flat Oval, Add</i>	1.61	
			<i>For Work In Restricted Working Space, Add</i>	7.37	
23 31 13 13-0302	LF		10" x 16", 22 Gauge Galvanized Steel Duct	38.20	15.97
			<i>For Flat Oval, Add</i>	1.74	
			<i>For Work In Restricted Working Space, Add</i>	7.98	
23 31 13 13-0303	LF		10" x 18", 22 Gauge Galvanized Steel Duct	41.13	17.19
			<i>For Flat Oval, Add</i>	1.87	
			<i>For Work In Restricted Working Space, Add</i>	8.60	

23	Heating, Ventilating, And Air-Conditioning (HVAC)
23 30	HVAC Air Distribution
23 31	HVAC Ducts And Casings

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

23 31 13 13-0304	LF		10" x 20", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.08 2.01 9.21	18.42
23 31 13 13-0305	LF		10" x 22", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.00 2.14 9.82	19.66
23 31 13 13-0306	LF		10" x 24", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.96 2.27 10.44	20.88
23 31 13 13-0307	LF		10" x 26", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.90 2.41 11.06	22.11
23 31 13 13-0308	LF		10" x 28", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.83 2.54 11.67	23.33
23 31 13 13-0309	LF		10" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.77 2.67 12.28	24.56
23 31 13 13-0310	LF		10" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.70 2.81 12.89	25.79
23 31 13 13-0311	LF		12" x 12", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.26 1.61 7.37	14.74
23 31 13 13-0312	LF		12" x 14", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.20 1.74 7.98	15.97
23 31 13 13-0313	LF		12" x 16", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.13 1.87 8.60	17.19
23 31 13 13-0314	LF		12" x 18", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.08 2.01 9.21	18.42
23 31 13 13-0315	LF		12" x 20", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.00 2.14 9.82	19.66
23 31 13 13-0316	LF		12" x 22", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.96 2.27 10.44	20.88
23 31 13 13-0317	LF		12" x 24", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.90 2.41 11.06	22.11
23 31 13 13-0318	LF		12" x 26", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.83 2.54 11.67	23.33
23 31 13 13-0319	LF		12" x 28", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.77 2.67 12.28	24.56
23 31 13 13-0320	LF		12" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.70 2.81 12.89	25.79
23 31 13 13-0321	LF		12" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.64 2.94 13.51	27.02
23 31 13 13-0322	LF		12" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.59 3.08 14.12	28.24
23 31 13 13-0323	LF		12" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.52 3.21 14.74	29.48
23 31 13 13-0324	LF		14" x 14", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.13 1.87 8.60	17.19
23 31 13 13-0325	LF		14" x 16", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.08 2.01 9.21	18.42
23 31 13 13-0326	LF		14" x 18", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	47.00 2.14 9.82	19.66
23 31 13 13-0327	LF		14" x 20", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.96 2.27 10.44	20.88
23 31 13 13-0328	LF		14" x 22", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.90 2.41 11.06	22.11
23 31 13 13-0329	LF		14" x 24", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.83 2.54 11.67	23.33
23 31 13 13-0330	LF		14" x 26", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.77 2.67 12.28	24.56
23 31 13 13-0331	LF		14" x 28", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.70 2.81 12.89	25.79
23 31 13 13-0332	LF		14" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.64 2.94 13.51	27.02
23 31 13 13-0333	LF		14" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.59 3.08 14.12	28.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0334	LF	14" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	70.52 3.21 14.74	29.48
23 31 13	13-0335	LF	14" x 36", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	73.46 3.34 15.35	30.71
23 31 13	13-0336	LF	16" x 16", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	47.00 2.14 9.82	19.66
23 31 13	13-0337	LF	16" x 18", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	49.96 2.27 10.44	20.88
23 31 13	13-0338	LF	16" x 20", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	52.90 2.41 11.06	22.11
23 31 13	13-0339	LF	16" x 22", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	55.83 2.54 11.67	23.33
23 31 13	13-0340	LF	16" x 24", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	58.77 2.67 12.28	24.56
23 31 13	13-0341	LF	16" x 26", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	61.70 2.81 12.89	25.79
23 31 13	13-0342	LF	16" x 28", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	64.64 2.94 13.51	27.02
23 31 13	13-0343	LF	16" x 30", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	67.59 3.08 14.12	28.24
23 31 13	13-0344	LF	16" x 32", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	70.52 3.21 14.74	29.48
23 31 13	13-0345	LF	16" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	73.46 3.34 15.35	30.71
23 31 13	13-0346	LF	16" x 36", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	76.40 3.48 15.97	31.93
23 31 13	13-0347	LF	16" x 38", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	79.33 3.61 16.58	33.16
23 31 13	13-0348	LF	16" x 40", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	82.27 3.74 17.19	34.39
23 31 13	13-0349	LF	16" x 42", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	85.20 3.88 17.81	35.62
23 31 13	13-0350	LF	16" x 44", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	88.16 4.01 18.42	36.85
23 31 13	13-0351	LF	18" x 18", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	52.90 2.41 11.06	22.11
23 31 13	13-0352	LF	18" x 20", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	55.83 2.54 11.67	23.33
23 31 13	13-0353	LF	18" x 22", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	58.77 2.67 12.28	24.56
23 31 13	13-0354	LF	18" x 24", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	61.70 2.81 12.89	25.79
23 31 13	13-0355	LF	18" x 26", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	64.64 2.94 13.51	27.02
23 31 13	13-0356	LF	18" x 28", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	67.59 3.08 14.12	28.24
23 31 13	13-0357	LF	18" x 30", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	70.52 3.21 14.74	29.48
23 31 13	13-0358	LF	18" x 32", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	73.46 3.34 15.35	30.71
23 31 13	13-0359	LF	18" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	76.40 3.48 15.97	31.93
23 31 13	13-0360	LF	18" x 36", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	79.33 3.61 16.58	33.16
23 31 13	13-0361	LF	18" x 38", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	82.27 3.74 17.19	34.39
23 31 13	13-0362	LF	18" x 40", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	85.20 3.88 17.81	35.62
23 31 13	13-0363	LF	18" x 42", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	88.16 4.01 18.42	36.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0364	LF 18" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.09 4.15 19.04	38.06
23 31 13 13-0365	LF 18" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0366	LF 20" x 20", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.77 2.67 12.28	24.56
23 31 13 13-0367	LF 20" x 22", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.70 2.81 12.89	25.79
23 31 13 13-0368	LF 20" x 24", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.64 2.94 13.51	27.02
23 31 13 13-0369	LF 20" x 26", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.59 3.08 14.12	28.24
23 31 13 13-0370	LF 20" x 28", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.52 3.21 14.74	29.48
23 31 13 13-0371	LF 20" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.46 3.34 15.35	30.71
23 31 13 13-0372	LF 20" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.40 3.48 15.97	31.93
23 31 13 13-0373	LF 20" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.33 3.61 16.58	33.16
23 31 13 13-0374	LF 20" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.27 3.74 17.19	34.39
23 31 13 13-0375	LF 20" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.20 3.88 17.81	35.62
23 31 13 13-0376	LF 20" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.16 4.01 18.42	36.85
23 31 13 13-0377	LF 20" x 42", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.09 4.15 19.04	38.06
23 31 13 13-0378	LF 20" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0379	LF 20" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.96 4.41 20.26	40.53
23 31 13 13-0380	LF 20" x 48", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75
23 31 13 13-0381	LF 22" x 22", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	64.64 2.94 13.51	27.02
23 31 13 13-0382	LF 22" x 24", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.59 3.08 14.12	28.24
23 31 13 13-0383	LF 22" x 26", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.52 3.21 14.74	29.48
23 31 13 13-0384	LF 22" x 28", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.46 3.34 15.35	30.71
23 31 13 13-0385	LF 22" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.40 3.48 15.97	31.93
23 31 13 13-0386	LF 22" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.33 3.61 16.58	33.16
23 31 13 13-0387	LF 22" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.27 3.74 17.19	34.39
23 31 13 13-0388	LF 22" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.20 3.88 17.81	35.62
23 31 13 13-0389	LF 22" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.16 4.01 18.42	36.85
23 31 13 13-0390	LF 22" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.09 4.15 19.04	38.06
23 31 13 13-0391	LF 22" x 42", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0392	LF 22" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.96 4.41 20.26	40.53
23 31 13 13-0393	LF 22" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0394	LF	22" x 48", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	102.84 4.68 21.49	42.98
23 31 13 13-0395	LF	24" x 24", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	70.52 3.21 14.74	29.48
23 31 13 13-0396	LF	24" x 26", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	73.46 3.34 15.35	30.71
23 31 13 13-0397	LF	24" x 28", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	76.40 3.48 15.97	31.93
23 31 13 13-0398	LF	24" x 30", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	79.33 3.61 16.58	33.16
23 31 13 13-0399	LF	24" x 32", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	82.27 3.74 17.19	34.39
23 31 13 13-0400	LF	24" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	85.20 3.88 17.81	35.62
23 31 13 13-0401	LF	24" x 36", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	88.16 4.01 18.42	36.85
23 31 13 13-0402	LF	24" x 38", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	91.09 4.15 19.04	38.06
23 31 13 13-0403	LF	24" x 40", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	94.03 4.28 19.65	39.29
23 31 13 13-0404	LF	24" x 42", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	96.96 4.41 20.26	40.53
23 31 13 13-0405	LF	24" x 44", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	99.90 4.55 20.88	41.75
23 31 13 13-0406	LF	24" x 46", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	102.84 4.68 21.49	42.98
23 31 13 13-0407	LF	24" x 48", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	105.79 4.82 22.11	44.21
23 31 13 13-0408	LF	26" x 26", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	76.40 3.48 15.97	31.93
23 31 13 13-0409	LF	26" x 28", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	79.33 3.61 16.58	33.16
23 31 13 13-0410	LF	26" x 30", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	82.27 3.74 17.19	34.39
23 31 13 13-0411	LF	26" x 32", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	85.20 3.88 17.81	35.62
23 31 13 13-0412	LF	26" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	88.16 4.01 18.42	36.85
23 31 13 13-0413	LF	26" x 36", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	91.09 4.15 19.04	38.06
23 31 13 13-0414	LF	26" x 38", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	94.03 4.28 19.65	39.29
23 31 13 13-0415	LF	26" x 40", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	96.96 4.41 20.26	40.53
23 31 13 13-0416	LF	26" x 42", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	99.90 4.55 20.88	41.75
23 31 13 13-0417	LF	26" x 44", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	102.84 4.68 21.49	42.98
23 31 13 13-0418	LF	26" x 46", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	105.79 4.82 22.11	44.21
23 31 13 13-0419	LF	26" x 48", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	108.72 4.95 22.72	45.44
23 31 13 13-0420	LF	28" x 28", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	82.27 3.74 17.19	34.39
23 31 13 13-0421	LF	28" x 30", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	85.20 3.88 17.81	35.62
23 31 13 13-0422	LF	28" x 32", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	88.16 4.01 18.42	36.85
23 31 13 13-0423	LF	28" x 34", 22 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	91.09 4.15 19.04	38.06

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0424	LF		28" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0425	LF		28" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.96 4.41 20.26	40.53
23 31 13 13-0426	LF		28" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75
23 31 13 13-0427	LF		28" x 42", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.84 4.68 21.49	42.98
23 31 13 13-0428	LF		28" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.79 4.82 22.11	44.21
23 31 13 13-0429	LF		28" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.72 4.95 22.72	45.44
23 31 13 13-0430	LF		28" x 48", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.66 5.08 23.33	46.67
23 31 13 13-0431	LF		30" x 30", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.16 4.01 18.42	36.85
23 31 13 13-0432	LF		30" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.09 4.15 19.04	38.06
23 31 13 13-0433	LF		30" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0434	LF		30" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.96 4.41 20.26	40.53
23 31 13 13-0435	LF		30" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75
23 31 13 13-0436	LF		30" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.84 4.68 21.49	42.98
23 31 13 13-0437	LF		30" x 42", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.79 4.82 22.11	44.21
23 31 13 13-0438	LF		30" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.72 4.95 22.72	45.44
23 31 13 13-0439	LF		30" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.66 5.08 23.33	46.67
23 31 13 13-0440	LF		30" x 48", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.60 5.22 23.95	47.90
23 31 13 13-0441	LF		32" x 32", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.03 4.28 19.65	39.29
23 31 13 13-0442	LF		32" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.96 4.41 20.26	40.53
23 31 13 13-0443	LF		32" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75
23 31 13 13-0444	LF		32" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.84 4.68 21.49	42.98
23 31 13 13-0445	LF		32" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.79 4.82 22.11	44.21
23 31 13 13-0446	LF		32" x 42", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.72 4.95 22.72	45.44
23 31 13 13-0447	LF		32" x 44", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.66 5.08 23.33	46.67
23 31 13 13-0448	LF		32" x 46", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.60 5.22 23.95	47.90
23 31 13 13-0449	LF		32" x 48", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.53 5.35 24.56	49.12
23 31 13 13-0450	LF		34" x 34", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.90 4.55 20.88	41.75
23 31 13 13-0451	LF		34" x 36", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.84 4.68 21.49	42.98
23 31 13 13-0452	LF		34" x 38", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	105.79 4.82 22.11	44.21
23 31 13 13-0453	LF		34" x 40", 22 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.72 4.95 22.72	45.44

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 31 13 13-0454	LF	34" x 42", 22 Gauge Galvanized Steel Duct	111.66	46.67
		<i>For Flat Oval, Add</i>	5.08	
		<i>For Work In Restricted Working Space, Add</i>	23.33	
23 31 13 13-0455	LF	34" x 44", 22 Gauge Galvanized Steel Duct	114.60	47.90
		<i>For Flat Oval, Add</i>	5.22	
		<i>For Work In Restricted Working Space, Add</i>	23.95	
23 31 13 13-0456	LF	34" x 46", 22 Gauge Galvanized Steel Duct	117.53	49.12
		<i>For Flat Oval, Add</i>	5.35	
		<i>For Work In Restricted Working Space, Add</i>	24.56	
23 31 13 13-0457	LF	34" x 48", 22 Gauge Galvanized Steel Duct	120.47	50.36
		<i>For Flat Oval, Add</i>	5.48	
		<i>For Work In Restricted Working Space, Add</i>	25.18	
23 31 13 13-0458	LF	36" x 36", 22 Gauge Galvanized Steel Duct	105.79	44.21
		<i>For Flat Oval, Add</i>	4.82	
		<i>For Work In Restricted Working Space, Add</i>	22.11	
23 31 13 13-0459	LF	36" x 38", 22 Gauge Galvanized Steel Duct	108.72	45.44
		<i>For Flat Oval, Add</i>	4.95	
		<i>For Work In Restricted Working Space, Add</i>	22.72	
23 31 13 13-0460	LF	36" x 40", 22 Gauge Galvanized Steel Duct	111.66	46.67
		<i>For Flat Oval, Add</i>	5.08	
		<i>For Work In Restricted Working Space, Add</i>	23.33	
23 31 13 13-0461	LF	36" x 42", 22 Gauge Galvanized Steel Duct	114.60	47.90
		<i>For Flat Oval, Add</i>	5.22	
		<i>For Work In Restricted Working Space, Add</i>	23.95	
23 31 13 13-0462	LF	36" x 44", 22 Gauge Galvanized Steel Duct	117.53	49.12
		<i>For Flat Oval, Add</i>	5.35	
		<i>For Work In Restricted Working Space, Add</i>	24.56	
23 31 13 13-0463	LF	36" x 46", 22 Gauge Galvanized Steel Duct	120.47	50.36
		<i>For Flat Oval, Add</i>	5.48	
		<i>For Work In Restricted Working Space, Add</i>	25.18	
23 31 13 13-0464	LF	36" x 48", 22 Gauge Galvanized Steel Duct	123.40	51.59
		<i>For Flat Oval, Add</i>	5.62	
		<i>For Work In Restricted Working Space, Add</i>	25.79	
23 31 13 13-0465	LF	38" x 38", 22 Gauge Galvanized Steel Duct	111.66	46.67
		<i>For Flat Oval, Add</i>	5.08	
		<i>For Work In Restricted Working Space, Add</i>	23.33	
23 31 13 13-0466	LF	38" x 40", 22 Gauge Galvanized Steel Duct	114.60	47.90
		<i>For Flat Oval, Add</i>	5.22	
		<i>For Work In Restricted Working Space, Add</i>	23.95	
23 31 13 13-0467	LF	38" x 42", 22 Gauge Galvanized Steel Duct	117.53	49.12
		<i>For Flat Oval, Add</i>	5.35	
		<i>For Work In Restricted Working Space, Add</i>	24.56	
23 31 13 13-0468	LF	38" x 44", 22 Gauge Galvanized Steel Duct	120.47	50.36
		<i>For Flat Oval, Add</i>	5.48	
		<i>For Work In Restricted Working Space, Add</i>	25.18	
23 31 13 13-0469	LF	38" x 46", 22 Gauge Galvanized Steel Duct	123.40	51.59
		<i>For Flat Oval, Add</i>	5.62	
		<i>For Work In Restricted Working Space, Add</i>	25.79	
23 31 13 13-0470	LF	38" x 48", 22 Gauge Galvanized Steel Duct	126.36	52.80
		<i>For Flat Oval, Add</i>	5.75	
		<i>For Work In Restricted Working Space, Add</i>	26.41	
23 31 13 13-0471	LF	38" x 50", 22 Gauge Galvanized Steel Duct	129.29	54.03
		<i>For Flat Oval, Add</i>	5.88	
		<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31 13 13-0472	LF	40" x 40", 22 Gauge Galvanized Steel Duct	117.53	49.12
		<i>For Flat Oval, Add</i>	5.35	
		<i>For Work In Restricted Working Space, Add</i>	24.56	
23 31 13 13-0473	LF	40" x 42", 22 Gauge Galvanized Steel Duct	120.47	50.36
		<i>For Flat Oval, Add</i>	5.48	
		<i>For Work In Restricted Working Space, Add</i>	25.18	
23 31 13 13-0474	LF	40" x 44", 22 Gauge Galvanized Steel Duct	123.40	51.59
		<i>For Flat Oval, Add</i>	5.62	
		<i>For Work In Restricted Working Space, Add</i>	25.79	
23 31 13 13-0475	LF	40" x 46", 22 Gauge Galvanized Steel Duct	126.36	52.80
		<i>For Flat Oval, Add</i>	5.75	
		<i>For Work In Restricted Working Space, Add</i>	26.41	
23 31 13 13-0476	LF	40" x 48", 22 Gauge Galvanized Steel Duct	129.29	54.03
		<i>For Flat Oval, Add</i>	5.88	
		<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31 13 13-0477	LF	40" x 50", 22 Gauge Galvanized Steel Duct	132.23	55.26
		<i>For Flat Oval, Add</i>	6.02	
		<i>For Work In Restricted Working Space, Add</i>	27.63	
23 31 13 13-0478	LF	40" x 52", 22 Gauge Galvanized Steel Duct	135.16	56.49
		<i>For Flat Oval, Add</i>	6.15	
		<i>For Work In Restricted Working Space, Add</i>	28.25	
23 31 13 13-0479	LF	40" x 54", 22 Gauge Galvanized Steel Duct	138.10	57.72
		<i>For Flat Oval, Add</i>	6.29	
		<i>For Work In Restricted Working Space, Add</i>	28.86	
23 31 13 13-0480	LF	42" x 42", 22 Gauge Galvanized Steel Duct	123.40	51.59
		<i>For Flat Oval, Add</i>	5.62	
		<i>For Work In Restricted Working Space, Add</i>	25.79	
23 31 13 13-0481	LF	42" x 44", 22 Gauge Galvanized Steel Duct	126.36	52.80
		<i>For Flat Oval, Add</i>	5.75	
		<i>For Work In Restricted Working Space, Add</i>	26.41	
23 31 13 13-0482	LF	42" x 46", 22 Gauge Galvanized Steel Duct	129.29	54.03
		<i>For Flat Oval, Add</i>	5.88	
		<i>For Work In Restricted Working Space, Add</i>	27.02	
23 31 13 13-0483	LF	42" x 48", 22 Gauge Galvanized Steel Duct	132.23	55.26
		<i>For Flat Oval, Add</i>	6.02	
		<i>For Work In Restricted Working Space, Add</i>	27.63	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0484	LF 42" x 50", 22 Gauge Galvanized Steel Duct	135.16	56.49
	For Flat Oval, Add	6.15	
	For Work In Restricted Working Space, Add	28.25	
23 31 13 13-0485	LF 42" x 52", 22 Gauge Galvanized Steel Duct	138.10	57.72
	For Flat Oval, Add	6.29	
	For Work In Restricted Working Space, Add	28.86	
23 31 13 13-0486	LF 42" x 54", 22 Gauge Galvanized Steel Duct	141.03	58.95
	For Flat Oval, Add	6.42	
	For Work In Restricted Working Space, Add	29.47	
23 31 13 13-0487	LF 44" x 44", 22 Gauge Galvanized Steel Duct	129.29	54.03
	For Flat Oval, Add	5.88	
	For Work In Restricted Working Space, Add	27.02	
23 31 13 13-0488	LF 44" x 46", 22 Gauge Galvanized Steel Duct	132.23	55.26
	For Flat Oval, Add	6.02	
	For Work In Restricted Working Space, Add	27.63	
23 31 13 13-0489	LF 44" x 48", 22 Gauge Galvanized Steel Duct	135.16	56.49
	For Flat Oval, Add	6.15	
	For Work In Restricted Working Space, Add	28.25	
23 31 13 13-0490	LF 44" x 50", 22 Gauge Galvanized Steel Duct	138.10	57.72
	For Flat Oval, Add	6.29	
	For Work In Restricted Working Space, Add	28.86	
23 31 13 13-0491	LF 44" x 52", 22 Gauge Galvanized Steel Duct	141.03	58.95
	For Flat Oval, Add	6.42	
	For Work In Restricted Working Space, Add	29.47	
23 31 13 13-0492	LF 44" x 54", 22 Gauge Galvanized Steel Duct	143.99	60.17
	For Flat Oval, Add	6.55	
	For Work In Restricted Working Space, Add	30.09	
23 31 13 13-0493	LF 46" x 46", 22 Gauge Galvanized Steel Duct	135.16	56.49
	For Flat Oval, Add	6.15	
	For Work In Restricted Working Space, Add	28.25	
23 31 13 13-0494	LF 46" x 48", 22 Gauge Galvanized Steel Duct	138.10	57.72
	For Flat Oval, Add	6.29	
	For Work In Restricted Working Space, Add	28.86	
23 31 13 13-0495	LF 46" x 50", 22 Gauge Galvanized Steel Duct	141.03	58.95
	For Flat Oval, Add	6.42	
	For Work In Restricted Working Space, Add	29.47	
23 31 13 13-0496	LF 46" x 52", 22 Gauge Galvanized Steel Duct	143.99	60.17
	For Flat Oval, Add	6.55	
	For Work In Restricted Working Space, Add	30.09	
23 31 13 13-0497	LF 46" x 54", 22 Gauge Galvanized Steel Duct	146.91	61.41
	For Flat Oval, Add	6.69	
	For Work In Restricted Working Space, Add	30.70	
23 31 13 13-0498	LF 48" x 48", 22 Gauge Galvanized Steel Duct	141.03	58.95
	For Flat Oval, Add	6.42	
	For Work In Restricted Working Space, Add	29.47	
23 31 13 13-0499	LF 48" x 50", 22 Gauge Galvanized Steel Duct	143.99	60.17
	For Flat Oval, Add	6.55	
	For Work In Restricted Working Space, Add	30.09	
23 31 13 13-0500	LF 48" x 52", 22 Gauge Galvanized Steel Duct	146.91	61.41
	For Flat Oval, Add	6.69	
	For Work In Restricted Working Space, Add	30.70	
23 31 13 13-0501	LF 48" x 54", 22 Gauge Galvanized Steel Duct	149.86	62.64
	For Flat Oval, Add	6.82	
	For Work In Restricted Working Space, Add	31.32	
23 31 13 13-0502	LF 50" x 50", 22 Gauge Galvanized Steel Duct	146.91	61.41
	For Flat Oval, Add	6.69	
	For Work In Restricted Working Space, Add	30.70	
23 31 13 13-0503	LF 50" x 52", 22 Gauge Galvanized Steel Duct	149.86	62.64
	For Flat Oval, Add	6.82	
	For Work In Restricted Working Space, Add	31.32	
23 31 13 13-0504	LF 50" x 54", 22 Gauge Galvanized Steel Duct	152.80	63.86
	For Flat Oval, Add	6.95	
	For Work In Restricted Working Space, Add	31.93	
23 31 13 13-0505	LF 52" x 52", 22 Gauge Galvanized Steel Duct	152.80	63.86
	For Flat Oval, Add	6.95	
	For Work In Restricted Working Space, Add	31.93	
23 31 13 13-0506	LF 52" x 54", 22 Gauge Galvanized Steel Duct	155.73	65.09
	For Flat Oval, Add	7.09	
	For Work In Restricted Working Space, Add	32.54	
23 31 13 13-0507	LF 54" x 54", 22 Gauge Galvanized Steel Duct	158.67	66.32
	For Flat Oval, Add	7.22	
	For Work In Restricted Working Space, Add	33.16	
23 31 13 13-0508	20 Gauge Galvanized Steel Duct (23 31 13 13-0009)		
23 31 13 13-0509	LF 4" x 4", 20 Gauge Galvanized Steel Duct	13.83	5.78
	For Flat Oval, Add	0.63	
	For Work In Restricted Working Space, Add	2.89	
23 31 13 13-0510	LF 4" x 6", 20 Gauge Galvanized Steel Duct	17.30	7.23
	For Flat Oval, Add	0.79	
	For Work In Restricted Working Space, Add	3.62	
23 31 13 13-0511	LF 4" x 8", 20 Gauge Galvanized Steel Duct	20.78	8.67
	For Flat Oval, Add	0.95	
	For Work In Restricted Working Space, Add	4.34	
23 31 13 13-0512	LF 4" x 10", 20 Gauge Galvanized Steel Duct	24.22	10.13
	For Flat Oval, Add	1.10	
	For Work In Restricted Working Space, Add	5.06	
23 31 13 13-0513	LF 4" x 12", 20 Gauge Galvanized Steel Duct	27.68	11.58
	For Flat Oval, Add	1.26	
	For Work In Restricted Working Space, Add	5.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0514	LF	4" x 14", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.15 1.42 6.51	13.02
23 31 13	13-0515	LF	4" x 16", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.61 1.58 7.23	14.47
23 31 13	13-0516	LF	6" x 6", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.78 0.95 4.34	8.67
23 31 13	13-0517	LF	6" x 8", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.22 1.10 5.06	10.13
23 31 13	13-0518	LF	6" x 10", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.68 1.26 5.78	11.58
23 31 13	13-0519	LF	6" x 12", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.15 1.42 6.51	13.02
23 31 13	13-0520	LF	6" x 14", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.61 1.58 7.23	14.47
23 31 13	13-0521	LF	6" x 16", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.07 1.73 7.96	15.91
23 31 13	13-0522	LF	8" x 8", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.68 1.26 5.78	11.58
23 31 13	13-0523	LF	8" x 10", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.15 1.42 6.51	13.02
23 31 13	13-0524	LF	8" x 12", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.61 1.58 7.23	14.47
23 31 13	13-0525	LF	8" x 14", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.07 1.73 7.96	15.91
23 31 13	13-0526	LF	8" x 16", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.52 1.89 8.68	17.36
23 31 13	13-0527	LF	8" x 18", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.99 2.05 9.40	18.80
23 31 13	13-0528	LF	8" x 20", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.46 2.21 10.13	20.25
23 31 13	13-0529	LF	8" x 22", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.91 2.36 10.85	21.69
23 31 13	13-0530	LF	8" x 24", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.37 2.52 11.57	23.14
23 31 13	13-0531	LF	10" x 10", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.61 1.58 7.23	14.47
23 31 13	13-0532	LF	10" x 12", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.07 1.73 7.96	15.91
23 31 13	13-0533	LF	10" x 14", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.52 1.89 8.68	17.36
23 31 13	13-0534	LF	10" x 16", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.99 2.05 9.40	18.80
23 31 13	13-0535	LF	10" x 18", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.46 2.21 10.13	20.25
23 31 13	13-0536	LF	10" x 20", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	51.91 2.36 10.85	21.69
23 31 13	13-0537	LF	10" x 22", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	55.37 2.52 11.57	23.14
23 31 13	13-0538	LF	10" x 24", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	58.85 2.68 12.30	24.59
23 31 13	13-0539	LF	10" x 26", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.29 2.84 13.02	26.03
23 31 13	13-0540	LF	10" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.76 2.99 13.74	27.49
23 31 13	13-0541	LF	10" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.21 3.15 14.47	28.93
23 31 13	13-0542	LF	10" x 32", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.68 3.31 15.19	30.38
23 31 13	13-0543	LF	12" x 12", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.52 1.89 8.68	17.36

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 13-0544	LF	12" x 14", 20 Gauge Galvanized Steel Duct	44.99		18.80
		<i>For Flat Oval, Add</i>	2.05		
		<i>For Work In Restricted Working Space, Add</i>	9.40		
23 31 13 13-0545	LF	12" x 16", 20 Gauge Galvanized Steel Duct	48.46		20.25
		<i>For Flat Oval, Add</i>	2.21		
		<i>For Work In Restricted Working Space, Add</i>	10.13		
23 31 13 13-0546	LF	12" x 18", 20 Gauge Galvanized Steel Duct	51.91		21.69
		<i>For Flat Oval, Add</i>	2.36		
		<i>For Work In Restricted Working Space, Add</i>	10.85		
23 31 13 13-0547	LF	12" x 20", 20 Gauge Galvanized Steel Duct	55.37		23.14
		<i>For Flat Oval, Add</i>	2.52		
		<i>For Work In Restricted Working Space, Add</i>	11.57		
23 31 13 13-0548	LF	12" x 22", 20 Gauge Galvanized Steel Duct	58.85		24.59
		<i>For Flat Oval, Add</i>	2.68		
		<i>For Work In Restricted Working Space, Add</i>	12.30		
23 31 13 13-0549	LF	12" x 24", 20 Gauge Galvanized Steel Duct	62.29		26.03
		<i>For Flat Oval, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	13.02		
23 31 13 13-0550	LF	12" x 26", 20 Gauge Galvanized Steel Duct	65.76		27.49
		<i>For Flat Oval, Add</i>	2.99		
		<i>For Work In Restricted Working Space, Add</i>	13.74		
23 31 13 13-0551	LF	12" x 28", 20 Gauge Galvanized Steel Duct	69.21		28.93
		<i>For Flat Oval, Add</i>	3.15		
		<i>For Work In Restricted Working Space, Add</i>	14.47		
23 31 13 13-0552	LF	12" x 30", 20 Gauge Galvanized Steel Duct	72.68		30.38
		<i>For Flat Oval, Add</i>	3.31		
		<i>For Work In Restricted Working Space, Add</i>	15.19		
23 31 13 13-0553	LF	12" x 32", 20 Gauge Galvanized Steel Duct	76.15		31.82
		<i>For Flat Oval, Add</i>	3.47		
		<i>For Work In Restricted Working Space, Add</i>	15.91		
23 31 13 13-0554	LF	12" x 34", 20 Gauge Galvanized Steel Duct	79.59		33.27
		<i>For Flat Oval, Add</i>	3.62		
		<i>For Work In Restricted Working Space, Add</i>	16.63		
23 31 13 13-0555	LF	12" x 36", 20 Gauge Galvanized Steel Duct	83.06		34.72
		<i>For Flat Oval, Add</i>	3.78		
		<i>For Work In Restricted Working Space, Add</i>	17.36		
23 31 13 13-0556	LF	14" x 14", 20 Gauge Galvanized Steel Duct	48.46		20.25
		<i>For Flat Oval, Add</i>	2.21		
		<i>For Work In Restricted Working Space, Add</i>	10.13		
23 31 13 13-0557	LF	14" x 16", 20 Gauge Galvanized Steel Duct	51.91		21.69
		<i>For Flat Oval, Add</i>	2.36		
		<i>For Work In Restricted Working Space, Add</i>	10.85		
23 31 13 13-0558	LF	14" x 18", 20 Gauge Galvanized Steel Duct	55.37		23.14
		<i>For Flat Oval, Add</i>	2.52		
		<i>For Work In Restricted Working Space, Add</i>	11.57		
23 31 13 13-0559	LF	14" x 20", 20 Gauge Galvanized Steel Duct	58.85		24.59
		<i>For Flat Oval, Add</i>	2.68		
		<i>For Work In Restricted Working Space, Add</i>	12.30		
23 31 13 13-0560	LF	14" x 22", 20 Gauge Galvanized Steel Duct	62.29		26.03
		<i>For Flat Oval, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	13.02		
23 31 13 13-0561	LF	14" x 24", 20 Gauge Galvanized Steel Duct	65.76		27.49
		<i>For Flat Oval, Add</i>	2.99		
		<i>For Work In Restricted Working Space, Add</i>	13.74		
23 31 13 13-0562	LF	14" x 26", 20 Gauge Galvanized Steel Duct	69.21		28.93
		<i>For Flat Oval, Add</i>	3.15		
		<i>For Work In Restricted Working Space, Add</i>	14.47		
23 31 13 13-0563	LF	14" x 28", 20 Gauge Galvanized Steel Duct	72.68		30.38
		<i>For Flat Oval, Add</i>	3.31		
		<i>For Work In Restricted Working Space, Add</i>	15.19		
23 31 13 13-0564	LF	14" x 30", 20 Gauge Galvanized Steel Duct	76.15		31.82
		<i>For Flat Oval, Add</i>	3.47		
		<i>For Work In Restricted Working Space, Add</i>	15.91		
23 31 13 13-0565	LF	14" x 32", 20 Gauge Galvanized Steel Duct	79.59		33.27
		<i>For Flat Oval, Add</i>	3.62		
		<i>For Work In Restricted Working Space, Add</i>	16.63		
23 31 13 13-0566	LF	14" x 34", 20 Gauge Galvanized Steel Duct	83.06		34.72
		<i>For Flat Oval, Add</i>	3.78		
		<i>For Work In Restricted Working Space, Add</i>	17.36		
23 31 13 13-0567	LF	14" x 36", 20 Gauge Galvanized Steel Duct	86.51		36.16
		<i>For Flat Oval, Add</i>	3.94		
		<i>For Work In Restricted Working Space, Add</i>	18.08		
23 31 13 13-0568	LF	16" x 16", 20 Gauge Galvanized Steel Duct	55.37		23.14
		<i>For Flat Oval, Add</i>	2.52		
		<i>For Work In Restricted Working Space, Add</i>	11.57		
23 31 13 13-0569	LF	16" x 18", 20 Gauge Galvanized Steel Duct	58.85		24.59
		<i>For Flat Oval, Add</i>	2.68		
		<i>For Work In Restricted Working Space, Add</i>	12.30		
23 31 13 13-0570	LF	16" x 20", 20 Gauge Galvanized Steel Duct	62.29		26.03
		<i>For Flat Oval, Add</i>	2.84		
		<i>For Work In Restricted Working Space, Add</i>	13.02		
23 31 13 13-0571	LF	16" x 22", 20 Gauge Galvanized Steel Duct	65.76		27.49
		<i>For Flat Oval, Add</i>	2.99		
		<i>For Work In Restricted Working Space, Add</i>	13.74		
23 31 13 13-0572	LF	16" x 24", 20 Gauge Galvanized Steel Duct	69.21		28.93
		<i>For Flat Oval, Add</i>	3.15		
		<i>For Work In Restricted Working Space, Add</i>	14.47		
23 31 13 13-0573	LF	16" x 26", 20 Gauge Galvanized Steel Duct	72.68		30.38
		<i>For Flat Oval, Add</i>	3.31		
		<i>For Work In Restricted Working Space, Add</i>	15.19		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0574	LF	16" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.15 3.47 15.91	31.82
23 31 13	13-0575	LF	16" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.59 3.62 16.63	33.27
23 31 13	13-0576	LF	16" x 32", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.06 3.78 17.36	34.72
23 31 13	13-0577	LF	16" x 34", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.51 3.94 18.08	36.16
23 31 13	13-0578	LF	16" x 36", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.98 4.10 18.80	37.61
23 31 13	13-0579	LF	16" x 38", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.45 4.25 19.53	39.05
23 31 13	13-0580	LF	16" x 40", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.90 4.41 20.25	40.50
23 31 13	13-0581	LF	16" x 42", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.36 4.57 20.97	41.94
23 31 13	13-0582	LF	16" x 44", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.83 4.73 21.70	43.39
23 31 13	13-0583	LF	18" x 18", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.29 2.84 13.02	26.03
23 31 13	13-0584	LF	18" x 20", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.76 2.99 13.74	27.49
23 31 13	13-0585	LF	18" x 22", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.21 3.15 14.47	28.93
23 31 13	13-0586	LF	18" x 24", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.68 3.31 15.19	30.38
23 31 13	13-0587	LF	18" x 26", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.15 3.47 15.91	31.82
23 31 13	13-0588	LF	18" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.59 3.62 16.63	33.27
23 31 13	13-0589	LF	18" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.06 3.78 17.36	34.72
23 31 13	13-0590	LF	18" x 32", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.51 3.94 18.08	36.16
23 31 13	13-0591	LF	18" x 34", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.98 4.10 18.80	37.61
23 31 13	13-0592	LF	18" x 36", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.45 4.25 19.53	39.05
23 31 13	13-0593	LF	18" x 38", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.90 4.41 20.25	40.50
23 31 13	13-0594	LF	18" x 40", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.36 4.57 20.97	41.94
23 31 13	13-0595	LF	18" x 42", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.83 4.73 21.70	43.39
23 31 13	13-0596	LF	18" x 44", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.29 4.88 22.42	44.85
23 31 13	13-0597	LF	18" x 46", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.76 5.04 23.15	46.29
23 31 13	13-0598	LF	20" x 20", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.21 3.15 14.47	28.93
23 31 13	13-0599	LF	20" x 22", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.68 3.31 15.19	30.38
23 31 13	13-0600	LF	20" x 24", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.15 3.47 15.91	31.82
23 31 13	13-0601	LF	20" x 26", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.59 3.62 16.63	33.27
23 31 13	13-0602	LF	20" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.06 3.78 17.36	34.72
23 31 13	13-0603	LF	20" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.51 3.94 18.08	36.16

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0604	LF	20" x 32", 20 Gauge Galvanized Steel Duct	89.98	37.61
		<i>For Flat Oval, Add</i>	4.10	
		<i>For Work In Restricted Working Space, Add</i>	18.80	
23 31 13 13-0605	LF	20" x 34", 20 Gauge Galvanized Steel Duct	93.45	39.05
		<i>For Flat Oval, Add</i>	4.25	
		<i>For Work In Restricted Working Space, Add</i>	19.53	
23 31 13 13-0606	LF	20" x 36", 20 Gauge Galvanized Steel Duct	96.90	40.50
		<i>For Flat Oval, Add</i>	4.41	
		<i>For Work In Restricted Working Space, Add</i>	20.25	
23 31 13 13-0607	LF	20" x 38", 20 Gauge Galvanized Steel Duct	100.36	41.94
		<i>For Flat Oval, Add</i>	4.57	
		<i>For Work In Restricted Working Space, Add</i>	20.97	
23 31 13 13-0608	LF	20" x 40", 20 Gauge Galvanized Steel Duct	103.83	43.39
		<i>For Flat Oval, Add</i>	4.73	
		<i>For Work In Restricted Working Space, Add</i>	21.70	
23 31 13 13-0609	LF	20" x 42", 20 Gauge Galvanized Steel Duct	107.29	44.85
		<i>For Flat Oval, Add</i>	4.88	
		<i>For Work In Restricted Working Space, Add</i>	22.42	
23 31 13 13-0610	LF	20" x 44", 20 Gauge Galvanized Steel Duct	110.76	46.29
		<i>For Flat Oval, Add</i>	5.04	
		<i>For Work In Restricted Working Space, Add</i>	23.15	
23 31 13 13-0611	LF	20" x 46", 20 Gauge Galvanized Steel Duct	114.19	47.74
		<i>For Flat Oval, Add</i>	5.20	
		<i>For Work In Restricted Working Space, Add</i>	23.87	
23 31 13 13-0612	LF	20" x 48", 20 Gauge Galvanized Steel Duct	117.66	49.18
		<i>For Flat Oval, Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	24.59	
23 31 13 13-0613	LF	22" x 22", 20 Gauge Galvanized Steel Duct	76.15	31.82
		<i>For Flat Oval, Add</i>	3.47	
		<i>For Work In Restricted Working Space, Add</i>	15.91	
23 31 13 13-0614	LF	22" x 24", 20 Gauge Galvanized Steel Duct	79.59	33.27
		<i>For Flat Oval, Add</i>	3.62	
		<i>For Work In Restricted Working Space, Add</i>	16.63	
23 31 13 13-0615	LF	22" x 26", 20 Gauge Galvanized Steel Duct	83.06	34.72
		<i>For Flat Oval, Add</i>	3.78	
		<i>For Work In Restricted Working Space, Add</i>	17.36	
23 31 13 13-0616	LF	22" x 28", 20 Gauge Galvanized Steel Duct	86.51	36.16
		<i>For Flat Oval, Add</i>	3.94	
		<i>For Work In Restricted Working Space, Add</i>	18.08	
23 31 13 13-0617	LF	22" x 30", 20 Gauge Galvanized Steel Duct	89.98	37.61
		<i>For Flat Oval, Add</i>	4.10	
		<i>For Work In Restricted Working Space, Add</i>	18.80	
23 31 13 13-0618	LF	22" x 32", 20 Gauge Galvanized Steel Duct	93.45	39.05
		<i>For Flat Oval, Add</i>	4.25	
		<i>For Work In Restricted Working Space, Add</i>	19.53	
23 31 13 13-0619	LF	22" x 34", 20 Gauge Galvanized Steel Duct	96.90	40.50
		<i>For Flat Oval, Add</i>	4.41	
		<i>For Work In Restricted Working Space, Add</i>	20.25	
23 31 13 13-0620	LF	22" x 36", 20 Gauge Galvanized Steel Duct	100.36	41.94
		<i>For Flat Oval, Add</i>	4.57	
		<i>For Work In Restricted Working Space, Add</i>	20.97	
23 31 13 13-0621	LF	22" x 38", 20 Gauge Galvanized Steel Duct	103.83	43.39
		<i>For Flat Oval, Add</i>	4.73	
		<i>For Work In Restricted Working Space, Add</i>	21.70	
23 31 13 13-0622	LF	22" x 40", 20 Gauge Galvanized Steel Duct	107.29	44.85
		<i>For Flat Oval, Add</i>	4.88	
		<i>For Work In Restricted Working Space, Add</i>	22.42	
23 31 13 13-0623	LF	22" x 42", 20 Gauge Galvanized Steel Duct	110.76	46.29
		<i>For Flat Oval, Add</i>	5.04	
		<i>For Work In Restricted Working Space, Add</i>	23.15	
23 31 13 13-0624	LF	22" x 44", 20 Gauge Galvanized Steel Duct	114.19	47.74
		<i>For Flat Oval, Add</i>	5.20	
		<i>For Work In Restricted Working Space, Add</i>	23.87	
23 31 13 13-0625	LF	22" x 46", 20 Gauge Galvanized Steel Duct	117.66	49.18
		<i>For Flat Oval, Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	24.59	
23 31 13 13-0626	LF	22" x 48", 20 Gauge Galvanized Steel Duct	121.14	50.63
		<i>For Flat Oval, Add</i>	5.51	
		<i>For Work In Restricted Working Space, Add</i>	25.31	
23 31 13 13-0627	LF	24" x 24", 20 Gauge Galvanized Steel Duct	83.06	34.72
		<i>For Flat Oval, Add</i>	3.78	
		<i>For Work In Restricted Working Space, Add</i>	17.36	
23 31 13 13-0628	LF	24" x 26", 20 Gauge Galvanized Steel Duct	86.51	36.16
		<i>For Flat Oval, Add</i>	3.94	
		<i>For Work In Restricted Working Space, Add</i>	18.08	
23 31 13 13-0629	LF	24" x 28", 20 Gauge Galvanized Steel Duct	89.98	37.61
		<i>For Flat Oval, Add</i>	4.10	
		<i>For Work In Restricted Working Space, Add</i>	18.80	
23 31 13 13-0630	LF	24" x 30", 20 Gauge Galvanized Steel Duct	93.45	39.05
		<i>For Flat Oval, Add</i>	4.25	
		<i>For Work In Restricted Working Space, Add</i>	19.53	
23 31 13 13-0631	LF	24" x 32", 20 Gauge Galvanized Steel Duct	96.90	40.50
		<i>For Flat Oval, Add</i>	4.41	
		<i>For Work In Restricted Working Space, Add</i>	20.25	
23 31 13 13-0632	LF	24" x 34", 20 Gauge Galvanized Steel Duct	100.36	41.94
		<i>For Flat Oval, Add</i>	4.57	
		<i>For Work In Restricted Working Space, Add</i>	20.97	
23 31 13 13-0633	LF	24" x 36", 20 Gauge Galvanized Steel Duct	103.83	43.39
		<i>For Flat Oval, Add</i>	4.73	
		<i>For Work In Restricted Working Space, Add</i>	21.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0634	LF	24" x 38", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.29 4.88 22.42	44.85
23 31 13	13-0635	LF	24" x 40", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.76 5.04 23.15	46.29
23 31 13	13-0636	LF	24" x 42", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.19 5.20 23.87	47.74
23 31 13	13-0637	LF	24" x 44", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.66 5.36 24.59	49.18
23 31 13	13-0638	LF	24" x 46", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.14 5.51 25.31	50.63
23 31 13	13-0639	LF	24" x 48", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.59 5.67 26.04	52.07
23 31 13	13-0640	LF	26" x 26", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.98 4.10 18.80	37.61
23 31 13	13-0641	LF	26" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.45 4.25 19.53	39.05
23 31 13	13-0642	LF	26" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.90 4.41 20.25	40.50
23 31 13	13-0643	LF	26" x 32", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.36 4.57 20.97	41.94
23 31 13	13-0644	LF	26" x 34", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.83 4.73 21.70	43.39
23 31 13	13-0645	LF	26" x 36", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.29 4.88 22.42	44.85
23 31 13	13-0646	LF	26" x 38", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.76 5.04 23.15	46.29
23 31 13	13-0647	LF	26" x 40", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.19 5.20 23.87	47.74
23 31 13	13-0648	LF	26" x 42", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.66 5.36 24.59	49.18
23 31 13	13-0649	LF	26" x 44", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.14 5.51 25.31	50.63
23 31 13	13-0650	LF	26" x 46", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.59 5.67 26.04	52.07
23 31 13	13-0651	LF	26" x 48", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.06 5.83 26.76	53.52
23 31 13	13-0652	LF	28" x 28", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.90 4.41 20.25	40.50
23 31 13	13-0653	LF	28" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.36 4.57 20.97	41.94
23 31 13	13-0654	LF	28" x 32", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.83 4.73 21.70	43.39
23 31 13	13-0655	LF	28" x 34", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.29 4.88 22.42	44.85
23 31 13	13-0656	LF	28" x 36", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.76 5.04 23.15	46.29
23 31 13	13-0657	LF	28" x 38", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	114.19 5.20 23.87	47.74
23 31 13	13-0658	LF	28" x 40", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.66 5.36 24.59	49.18
23 31 13	13-0659	LF	28" x 42", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.14 5.51 25.31	50.63
23 31 13	13-0660	LF	28" x 44", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.59 5.67 26.04	52.07
23 31 13	13-0661	LF	28" x 46", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.06 5.83 26.76	53.52
23 31 13	13-0662	LF	28" x 48", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	131.49 5.98 27.48	54.96
23 31 13	13-0663	LF	30" x 30", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.83 4.73 21.70	43.39

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0664	LF	30" x 32", 20 Gauge Galvanized Steel Duct	107.29	44.85
		<i>For Flat Oval, Add</i>	4.88	
		<i>For Work In Restricted Working Space, Add</i>	22.42	
23 31 13 13-0665	LF	30" x 34", 20 Gauge Galvanized Steel Duct	110.76	46.29
		<i>For Flat Oval, Add</i>	5.04	
		<i>For Work In Restricted Working Space, Add</i>	23.15	
23 31 13 13-0666	LF	30" x 36", 20 Gauge Galvanized Steel Duct	114.19	47.74
		<i>For Flat Oval, Add</i>	5.20	
		<i>For Work In Restricted Working Space, Add</i>	23.87	
23 31 13 13-0667	LF	30" x 38", 20 Gauge Galvanized Steel Duct	117.66	49.18
		<i>For Flat Oval, Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	24.59	
23 31 13 13-0668	LF	30" x 40", 20 Gauge Galvanized Steel Duct	121.14	50.63
		<i>For Flat Oval, Add</i>	5.51	
		<i>For Work In Restricted Working Space, Add</i>	25.31	
23 31 13 13-0669	LF	30" x 42", 20 Gauge Galvanized Steel Duct	124.59	52.07
		<i>For Flat Oval, Add</i>	5.67	
		<i>For Work In Restricted Working Space, Add</i>	26.04	
23 31 13 13-0670	LF	30" x 44", 20 Gauge Galvanized Steel Duct	128.06	53.52
		<i>For Flat Oval, Add</i>	5.83	
		<i>For Work In Restricted Working Space, Add</i>	26.76	
23 31 13 13-0671	LF	30" x 46", 20 Gauge Galvanized Steel Duct	131.49	54.96
		<i>For Flat Oval, Add</i>	5.98	
		<i>For Work In Restricted Working Space, Add</i>	27.48	
23 31 13 13-0672	LF	30" x 48", 20 Gauge Galvanized Steel Duct	134.97	56.41
		<i>For Flat Oval, Add</i>	6.14	
		<i>For Work In Restricted Working Space, Add</i>	28.21	
23 31 13 13-0673	LF	32" x 32", 20 Gauge Galvanized Steel Duct	110.76	46.29
		<i>For Flat Oval, Add</i>	5.04	
		<i>For Work In Restricted Working Space, Add</i>	23.15	
23 31 13 13-0674	LF	32" x 34", 20 Gauge Galvanized Steel Duct	114.19	47.74
		<i>For Flat Oval, Add</i>	5.20	
		<i>For Work In Restricted Working Space, Add</i>	23.87	
23 31 13 13-0675	LF	32" x 36", 20 Gauge Galvanized Steel Duct	117.66	49.18
		<i>For Flat Oval, Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	24.59	
23 31 13 13-0676	LF	32" x 38", 20 Gauge Galvanized Steel Duct	121.14	50.63
		<i>For Flat Oval, Add</i>	5.51	
		<i>For Work In Restricted Working Space, Add</i>	25.31	
23 31 13 13-0677	LF	32" x 40", 20 Gauge Galvanized Steel Duct	124.59	52.07
		<i>For Flat Oval, Add</i>	5.67	
		<i>For Work In Restricted Working Space, Add</i>	26.04	
23 31 13 13-0678	LF	32" x 42", 20 Gauge Galvanized Steel Duct	128.06	53.52
		<i>For Flat Oval, Add</i>	5.83	
		<i>For Work In Restricted Working Space, Add</i>	26.76	
23 31 13 13-0679	LF	32" x 44", 20 Gauge Galvanized Steel Duct	131.49	54.96
		<i>For Flat Oval, Add</i>	5.98	
		<i>For Work In Restricted Working Space, Add</i>	27.48	
23 31 13 13-0680	LF	32" x 46", 20 Gauge Galvanized Steel Duct	134.97	56.41
		<i>For Flat Oval, Add</i>	6.14	
		<i>For Work In Restricted Working Space, Add</i>	28.21	
23 31 13 13-0681	LF	32" x 48", 20 Gauge Galvanized Steel Duct	138.44	57.86
		<i>For Flat Oval, Add</i>	6.30	
		<i>For Work In Restricted Working Space, Add</i>	28.93	
23 31 13 13-0682	LF	34" x 34", 20 Gauge Galvanized Steel Duct	117.66	49.18
		<i>For Flat Oval, Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	24.59	
23 31 13 13-0683	LF	34" x 36", 20 Gauge Galvanized Steel Duct	121.14	50.63
		<i>For Flat Oval, Add</i>	5.51	
		<i>For Work In Restricted Working Space, Add</i>	25.31	
23 31 13 13-0684	LF	34" x 38", 20 Gauge Galvanized Steel Duct	124.59	52.07
		<i>For Flat Oval, Add</i>	5.67	
		<i>For Work In Restricted Working Space, Add</i>	26.04	
23 31 13 13-0685	LF	34" x 40", 20 Gauge Galvanized Steel Duct	128.06	53.52
		<i>For Flat Oval, Add</i>	5.83	
		<i>For Work In Restricted Working Space, Add</i>	26.76	
23 31 13 13-0686	LF	34" x 42", 20 Gauge Galvanized Steel Duct	131.49	54.96
		<i>For Flat Oval, Add</i>	5.98	
		<i>For Work In Restricted Working Space, Add</i>	27.48	
23 31 13 13-0687	LF	34" x 44", 20 Gauge Galvanized Steel Duct	134.97	56.41
		<i>For Flat Oval, Add</i>	6.14	
		<i>For Work In Restricted Working Space, Add</i>	28.21	
23 31 13 13-0688	LF	34" x 46", 20 Gauge Galvanized Steel Duct	138.44	57.86
		<i>For Flat Oval, Add</i>	6.30	
		<i>For Work In Restricted Working Space, Add</i>	28.93	
23 31 13 13-0689	LF	34" x 48", 20 Gauge Galvanized Steel Duct	141.89	59.30
		<i>For Flat Oval, Add</i>	6.46	
		<i>For Work In Restricted Working Space, Add</i>	29.65	
23 31 13 13-0690	LF	36" x 36", 20 Gauge Galvanized Steel Duct	124.59	52.07
		<i>For Flat Oval, Add</i>	5.67	
		<i>For Work In Restricted Working Space, Add</i>	26.04	
23 31 13 13-0691	LF	36" x 38", 20 Gauge Galvanized Steel Duct	128.06	53.52
		<i>For Flat Oval, Add</i>	5.83	
		<i>For Work In Restricted Working Space, Add</i>	26.76	
23 31 13 13-0692	LF	36" x 40", 20 Gauge Galvanized Steel Duct	131.49	54.96
		<i>For Flat Oval, Add</i>	5.98	
		<i>For Work In Restricted Working Space, Add</i>	27.48	
23 31 13 13-0693	LF	36" x 42", 20 Gauge Galvanized Steel Duct	134.97	56.41
		<i>For Flat Oval, Add</i>	6.14	
		<i>For Work In Restricted Working Space, Add</i>	28.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0694	LF	36" x 44", 20 Gauge Galvanized Steel Duct	138.44	57.86
			<i>For Flat Oval, Add</i>	6.30	
			<i>For Work In Restricted Working Space, Add</i>	28.93	
23 31 13	13-0695	LF	36" x 46", 20 Gauge Galvanized Steel Duct	141.89	59.30
			<i>For Flat Oval, Add</i>	6.46	
			<i>For Work In Restricted Working Space, Add</i>	29.65	
23 31 13	13-0696	LF	36" x 48", 20 Gauge Galvanized Steel Duct	145.36	60.75
			<i>For Flat Oval, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	30.38	
23 31 13	13-0697	LF	38" x 38", 20 Gauge Galvanized Steel Duct	131.49	54.96
			<i>For Flat Oval, Add</i>	5.98	
			<i>For Work In Restricted Working Space, Add</i>	27.48	
23 31 13	13-0698	LF	38" x 40", 20 Gauge Galvanized Steel Duct	134.97	56.41
			<i>For Flat Oval, Add</i>	6.14	
			<i>For Work In Restricted Working Space, Add</i>	28.21	
23 31 13	13-0699	LF	38" x 42", 20 Gauge Galvanized Steel Duct	138.44	57.86
			<i>For Flat Oval, Add</i>	6.30	
			<i>For Work In Restricted Working Space, Add</i>	28.93	
23 31 13	13-0700	LF	38" x 44", 20 Gauge Galvanized Steel Duct	141.89	59.30
			<i>For Flat Oval, Add</i>	6.46	
			<i>For Work In Restricted Working Space, Add</i>	29.65	
23 31 13	13-0701	LF	38" x 46", 20 Gauge Galvanized Steel Duct	145.36	60.75
			<i>For Flat Oval, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	30.38	
23 31 13	13-0702	LF	38" x 48", 20 Gauge Galvanized Steel Duct	148.82	62.19
			<i>For Flat Oval, Add</i>	6.77	
			<i>For Work In Restricted Working Space, Add</i>	31.10	
23 31 13	13-0703	LF	38" x 50", 20 Gauge Galvanized Steel Duct	152.27	63.65
			<i>For Flat Oval, Add</i>	6.93	
			<i>For Work In Restricted Working Space, Add</i>	31.82	
23 31 13	13-0704	LF	40" x 40", 20 Gauge Galvanized Steel Duct	138.44	57.86
			<i>For Flat Oval, Add</i>	6.30	
			<i>For Work In Restricted Working Space, Add</i>	28.93	
23 31 13	13-0705	LF	40" x 42", 20 Gauge Galvanized Steel Duct	141.89	59.30
			<i>For Flat Oval, Add</i>	6.46	
			<i>For Work In Restricted Working Space, Add</i>	29.65	
23 31 13	13-0706	LF	40" x 44", 20 Gauge Galvanized Steel Duct	145.36	60.75
			<i>For Flat Oval, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	30.38	
23 31 13	13-0707	LF	40" x 46", 20 Gauge Galvanized Steel Duct	148.82	62.19
			<i>For Flat Oval, Add</i>	6.77	
			<i>For Work In Restricted Working Space, Add</i>	31.10	
23 31 13	13-0708	LF	40" x 48", 20 Gauge Galvanized Steel Duct	152.27	63.65
			<i>For Flat Oval, Add</i>	6.93	
			<i>For Work In Restricted Working Space, Add</i>	31.82	
23 31 13	13-0709	LF	40" x 50", 20 Gauge Galvanized Steel Duct	155.74	65.09
			<i>For Flat Oval, Add</i>	7.09	
			<i>For Work In Restricted Working Space, Add</i>	32.54	
23 31 13	13-0710	LF	40" x 52", 20 Gauge Galvanized Steel Duct	159.19	66.54
			<i>For Flat Oval, Add</i>	7.24	
			<i>For Work In Restricted Working Space, Add</i>	33.27	
23 31 13	13-0711	LF	40" x 54", 20 Gauge Galvanized Steel Duct	162.66	67.99
			<i>For Flat Oval, Add</i>	7.40	
			<i>For Work In Restricted Working Space, Add</i>	33.99	
23 31 13	13-0712	LF	40" x 56", 20 Gauge Galvanized Steel Duct	166.12	69.43
			<i>For Flat Oval, Add</i>	7.56	
			<i>For Work In Restricted Working Space, Add</i>	34.71	
23 31 13	13-0713	LF	42" x 42", 20 Gauge Galvanized Steel Duct	145.36	60.75
			<i>For Flat Oval, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	30.38	
23 31 13	13-0714	LF	42" x 44", 20 Gauge Galvanized Steel Duct	148.82	62.19
			<i>For Flat Oval, Add</i>	6.77	
			<i>For Work In Restricted Working Space, Add</i>	31.10	
23 31 13	13-0715	LF	42" x 46", 20 Gauge Galvanized Steel Duct	152.27	63.65
			<i>For Flat Oval, Add</i>	6.93	
			<i>For Work In Restricted Working Space, Add</i>	31.82	
23 31 13	13-0716	LF	42" x 48", 20 Gauge Galvanized Steel Duct	155.74	65.09
			<i>For Flat Oval, Add</i>	7.09	
			<i>For Work In Restricted Working Space, Add</i>	32.54	
23 31 13	13-0717	LF	42" x 50", 20 Gauge Galvanized Steel Duct	159.19	66.54
			<i>For Flat Oval, Add</i>	7.24	
			<i>For Work In Restricted Working Space, Add</i>	33.27	
23 31 13	13-0718	LF	42" x 52", 20 Gauge Galvanized Steel Duct	162.66	67.99
			<i>For Flat Oval, Add</i>	7.40	
			<i>For Work In Restricted Working Space, Add</i>	33.99	
23 31 13	13-0719	LF	42" x 54", 20 Gauge Galvanized Steel Duct	166.12	69.43
			<i>For Flat Oval, Add</i>	7.56	
			<i>For Work In Restricted Working Space, Add</i>	34.71	
23 31 13	13-0720	LF	42" x 56", 20 Gauge Galvanized Steel Duct	169.57	70.88
			<i>For Flat Oval, Add</i>	7.72	
			<i>For Work In Restricted Working Space, Add</i>	35.44	
23 31 13	13-0721	LF	44" x 44", 20 Gauge Galvanized Steel Duct	152.27	63.65
			<i>For Flat Oval, Add</i>	6.93	
			<i>For Work In Restricted Working Space, Add</i>	31.82	
23 31 13	13-0722	LF	44" x 46", 20 Gauge Galvanized Steel Duct	155.74	65.09
			<i>For Flat Oval, Add</i>	7.09	
			<i>For Work In Restricted Working Space, Add</i>	32.54	
23 31 13	13-0723	LF	44" x 48", 20 Gauge Galvanized Steel Duct	159.19	66.54
			<i>For Flat Oval, Add</i>	7.24	
			<i>For Work In Restricted Working Space, Add</i>	33.27	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 13-0724	LF	44" x 50", 20 Gauge Galvanized Steel Duct	162.66	67.99
		<i>For Flat Oval, Add</i>	7.40	
		<i>For Work In Restricted Working Space, Add</i>	33.99	
23 31 13 13-0725	LF	44" x 52", 20 Gauge Galvanized Steel Duct	166.12	69.43
		<i>For Flat Oval, Add</i>	7.56	
		<i>For Work In Restricted Working Space, Add</i>	34.71	
23 31 13 13-0726	LF	44" x 54", 20 Gauge Galvanized Steel Duct	169.57	70.88
		<i>For Flat Oval, Add</i>	7.72	
		<i>For Work In Restricted Working Space, Add</i>	35.44	
23 31 13 13-0727	LF	44" x 56", 20 Gauge Galvanized Steel Duct	173.05	72.32
		<i>For Flat Oval, Add</i>	7.88	
		<i>For Work In Restricted Working Space, Add</i>	36.16	
23 31 13 13-0728	LF	46" x 46", 20 Gauge Galvanized Steel Duct	159.19	66.54
		<i>For Flat Oval, Add</i>	7.24	
		<i>For Work In Restricted Working Space, Add</i>	33.27	
23 31 13 13-0729	LF	46" x 48", 20 Gauge Galvanized Steel Duct	162.66	67.99
		<i>For Flat Oval, Add</i>	7.40	
		<i>For Work In Restricted Working Space, Add</i>	33.99	
23 31 13 13-0730	LF	46" x 50", 20 Gauge Galvanized Steel Duct	166.12	69.43
		<i>For Flat Oval, Add</i>	7.56	
		<i>For Work In Restricted Working Space, Add</i>	34.71	
23 31 13 13-0731	LF	46" x 52", 20 Gauge Galvanized Steel Duct	169.57	70.88
		<i>For Flat Oval, Add</i>	7.72	
		<i>For Work In Restricted Working Space, Add</i>	35.44	
23 31 13 13-0732	LF	46" x 54", 20 Gauge Galvanized Steel Duct	173.05	72.32
		<i>For Flat Oval, Add</i>	7.88	
		<i>For Work In Restricted Working Space, Add</i>	36.16	
23 31 13 13-0733	LF	46" x 56", 20 Gauge Galvanized Steel Duct	176.51	73.77
		<i>For Flat Oval, Add</i>	8.03	
		<i>For Work In Restricted Working Space, Add</i>	36.89	
23 31 13 13-0734	LF	46" x 58", 20 Gauge Galvanized Steel Duct	179.96	75.21
		<i>For Flat Oval, Add</i>	8.19	
		<i>For Work In Restricted Working Space, Add</i>	37.61	
23 31 13 13-0735	LF	48" x 48", 20 Gauge Galvanized Steel Duct	166.12	69.43
		<i>For Flat Oval, Add</i>	7.56	
		<i>For Work In Restricted Working Space, Add</i>	34.71	
23 31 13 13-0736	LF	48" x 50", 20 Gauge Galvanized Steel Duct	169.57	70.88
		<i>For Flat Oval, Add</i>	7.72	
		<i>For Work In Restricted Working Space, Add</i>	35.44	
23 31 13 13-0737	LF	48" x 52", 20 Gauge Galvanized Steel Duct	173.05	72.32
		<i>For Flat Oval, Add</i>	7.88	
		<i>For Work In Restricted Working Space, Add</i>	36.16	
23 31 13 13-0738	LF	48" x 54", 20 Gauge Galvanized Steel Duct	176.51	73.77
		<i>For Flat Oval, Add</i>	8.03	
		<i>For Work In Restricted Working Space, Add</i>	36.89	
23 31 13 13-0739	LF	48" x 56", 20 Gauge Galvanized Steel Duct	179.96	75.21
		<i>For Flat Oval, Add</i>	8.19	
		<i>For Work In Restricted Working Space, Add</i>	37.61	
23 31 13 13-0740	LF	48" x 58", 20 Gauge Galvanized Steel Duct	183.43	76.66
		<i>For Flat Oval, Add</i>	8.35	
		<i>For Work In Restricted Working Space, Add</i>	38.33	
23 31 13 13-0741	LF	48" x 60", 20 Gauge Galvanized Steel Duct	186.88	78.11
		<i>For Flat Oval, Add</i>	8.51	
		<i>For Work In Restricted Working Space, Add</i>	39.05	
23 31 13 13-0742	LF	50" x 50", 20 Gauge Galvanized Steel Duct	173.05	72.32
		<i>For Flat Oval, Add</i>	7.88	
		<i>For Work In Restricted Working Space, Add</i>	36.16	
23 31 13 13-0743	LF	50" x 52", 20 Gauge Galvanized Steel Duct	176.51	73.77
		<i>For Flat Oval, Add</i>	8.03	
		<i>For Work In Restricted Working Space, Add</i>	36.89	
23 31 13 13-0744	LF	50" x 54", 20 Gauge Galvanized Steel Duct	179.96	75.21
		<i>For Flat Oval, Add</i>	8.19	
		<i>For Work In Restricted Working Space, Add</i>	37.61	
23 31 13 13-0745	LF	50" x 56", 20 Gauge Galvanized Steel Duct	183.43	76.66
		<i>For Flat Oval, Add</i>	8.35	
		<i>For Work In Restricted Working Space, Add</i>	38.33	
23 31 13 13-0746	LF	50" x 58", 20 Gauge Galvanized Steel Duct	186.88	78.11
		<i>For Flat Oval, Add</i>	8.51	
		<i>For Work In Restricted Working Space, Add</i>	39.05	
23 31 13 13-0747	LF	50" x 60", 20 Gauge Galvanized Steel Duct	190.34	79.55
		<i>For Flat Oval, Add</i>	8.66	
		<i>For Work In Restricted Working Space, Add</i>	39.78	
23 31 13 13-0748	LF	52" x 52", 20 Gauge Galvanized Steel Duct	179.96	75.21
		<i>For Flat Oval, Add</i>	8.19	
		<i>For Work In Restricted Working Space, Add</i>	37.61	
23 31 13 13-0749	LF	52" x 54", 20 Gauge Galvanized Steel Duct	183.43	76.66
		<i>For Flat Oval, Add</i>	8.35	
		<i>For Work In Restricted Working Space, Add</i>	38.33	
23 31 13 13-0750	LF	52" x 56", 20 Gauge Galvanized Steel Duct	186.88	78.11
		<i>For Flat Oval, Add</i>	8.51	
		<i>For Work In Restricted Working Space, Add</i>	39.05	
23 31 13 13-0751	LF	52" x 58", 20 Gauge Galvanized Steel Duct	190.34	79.55
		<i>For Flat Oval, Add</i>	8.66	
		<i>For Work In Restricted Working Space, Add</i>	39.78	
23 31 13 13-0752	LF	52" x 60", 20 Gauge Galvanized Steel Duct	193.81	81.01
		<i>For Flat Oval, Add</i>	8.82	
		<i>For Work In Restricted Working Space, Add</i>	40.50	
23 31 13 13-0753	LF	54" x 54", 20 Gauge Galvanized Steel Duct	186.88	78.11
		<i>For Flat Oval, Add</i>	8.51	
		<i>For Work In Restricted Working Space, Add</i>	39.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13	0754	LF 54" x 56", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	190.34 8.66 39.78	79.55
23 31 13	13	0755	LF 54" x 58", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	193.81 8.82 40.50	81.01
23 31 13	13	0756	LF 54" x 60", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	197.27 8.98 41.23	82.45
23 31 13	13	0757	LF 54" x 62", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	200.73 9.14 41.95	83.90
23 31 13	13	0758	LF 54" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	204.17 9.29 42.67	85.34
23 31 13	13	0759	LF 56" x 56", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	193.81 8.82 40.50	81.01
23 31 13	13	0760	LF 56" x 58", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	197.27 8.98 41.23	82.45
23 31 13	13	0761	LF 56" x 60", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	200.73 9.14 41.95	83.90
23 31 13	13	0762	LF 56" x 62", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	204.17 9.29 42.67	85.34
23 31 13	13	0763	LF 56" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	207.65 9.45 43.40	86.79
23 31 13	13	0764	LF 58" x 58", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	200.73 9.14 41.95	83.90
23 31 13	13	0765	LF 58" x 60", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	204.17 9.29 42.67	85.34
23 31 13	13	0766	LF 58" x 62", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	207.65 9.45 43.40	86.79
23 31 13	13	0767	LF 58" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	211.12 9.61 44.12	88.23
23 31 13	13	0768	LF 58" x 66", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	214.57 9.77 44.84	89.68
23 31 13	13	0769	LF 60" x 60", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	207.65 9.45 43.40	86.79
23 31 13	13	0770	LF 60" x 62", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	211.12 9.61 44.12	88.23
23 31 13	13	0771	LF 60" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	214.57 9.77 44.84	89.68
23 31 13	13	0772	LF 60" x 66", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	218.03 9.92 45.56	91.13
23 31 13	13	0773	LF 60" x 68", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	221.50 10.08 46.29	92.57
23 31 13	13	0774	LF 62" x 62", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	214.57 9.77 44.84	89.68
23 31 13	13	0775	LF 62" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	218.03 9.92 45.56	91.13
23 31 13	13	0776	LF 62" x 66", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	221.50 10.08 46.29	92.57
23 31 13	13	0777	LF 62" x 68", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	224.95 10.24 47.01	94.02
23 31 13	13	0778	LF 62" x 70", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	228.42 10.40 47.73	95.46
23 31 13	13	0779	LF 64" x 64", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	221.50 10.08 46.29	92.57
23 31 13	13	0780	LF 64" x 66", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	224.95 10.24 47.01	94.02
23 31 13	13	0781	LF 64" x 68", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	228.42 10.40 47.73	95.46
23 31 13	13	0782	LF 64" x 70", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	231.87 10.55 48.46	96.91
23 31 13	13	0783	LF 66" x 66", 20 Gauge Galvanized Steel Duct For Flat Oval, Add For Work In Restricted Working Space, Add	228.42 10.40 47.73	95.46

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0784	LF	66" x 68", 20 Gauge Galvanized Steel Duct	231.87	96.91
		<i>For Flat Oval, Add</i>	10.55	
		<i>For Work In Restricted Working Space, Add</i>	48.46	
23 31 13 13-0785	LF	66" x 70", 20 Gauge Galvanized Steel Duct	235.33	98.36
		<i>For Flat Oval, Add</i>	10.71	
		<i>For Work In Restricted Working Space, Add</i>	49.18	
23 31 13 13-0786	LF	66" x 72", 20 Gauge Galvanized Steel Duct	238.80	99.81
		<i>For Flat Oval, Add</i>	10.87	
		<i>For Work In Restricted Working Space, Add</i>	49.90	
23 31 13 13-0787	LF	68" x 68", 20 Gauge Galvanized Steel Duct	235.33	98.36
		<i>For Flat Oval, Add</i>	10.71	
		<i>For Work In Restricted Working Space, Add</i>	49.18	
23 31 13 13-0788	LF	68" x 70", 20 Gauge Galvanized Steel Duct	238.80	99.81
		<i>For Flat Oval, Add</i>	10.87	
		<i>For Work In Restricted Working Space, Add</i>	49.90	
23 31 13 13-0789	LF	68" x 72", 20 Gauge Galvanized Steel Duct	242.25	101.26
		<i>For Flat Oval, Add</i>	11.03	
		<i>For Work In Restricted Working Space, Add</i>	50.63	
23 31 13 13-0790	LF	68" x 74", 20 Gauge Galvanized Steel Duct	245.73	102.70
		<i>For Flat Oval, Add</i>	11.18	
		<i>For Work In Restricted Working Space, Add</i>	51.35	
23 31 13 13-0791	LF	70" x 70", 20 Gauge Galvanized Steel Duct	242.25	101.26
		<i>For Flat Oval, Add</i>	11.03	
		<i>For Work In Restricted Working Space, Add</i>	50.63	
23 31 13 13-0792	LF	70" x 72", 20 Gauge Galvanized Steel Duct	245.73	102.70
		<i>For Flat Oval, Add</i>	11.18	
		<i>For Work In Restricted Working Space, Add</i>	51.35	
23 31 13 13-0793	LF	70" x 74", 20 Gauge Galvanized Steel Duct	249.19	104.15
		<i>For Flat Oval, Add</i>	11.34	
		<i>For Work In Restricted Working Space, Add</i>	52.07	
23 31 13 13-0794	LF	70" x 76", 20 Gauge Galvanized Steel Duct	252.64	105.59
		<i>For Flat Oval, Add</i>	11.50	
		<i>For Work In Restricted Working Space, Add</i>	52.80	
23 31 13 13-0795	LF	70" x 78", 20 Gauge Galvanized Steel Duct	256.10	107.04
		<i>For Flat Oval, Add</i>	11.66	
		<i>For Work In Restricted Working Space, Add</i>	53.52	
23 31 13 13-0796	LF	70" x 80", 20 Gauge Galvanized Steel Duct	259.56	108.48
		<i>For Flat Oval, Add</i>	11.81	
		<i>For Work In Restricted Working Space, Add</i>	54.24	
23 31 13 13-0797	LF	70" x 82", 20 Gauge Galvanized Steel Duct	263.03	109.93
		<i>For Flat Oval, Add</i>	11.97	
		<i>For Work In Restricted Working Space, Add</i>	54.97	
23 31 13 13-0798	LF	70" x 84", 20 Gauge Galvanized Steel Duct	266.49	111.38
		<i>For Flat Oval, Add</i>	12.13	
		<i>For Work In Restricted Working Space, Add</i>	55.69	
23 31 13 13-0799	LF	72" x 72", 20 Gauge Galvanized Steel Duct	249.19	104.15
		<i>For Flat Oval, Add</i>	11.34	
		<i>For Work In Restricted Working Space, Add</i>	52.07	
23 31 13 13-0800	LF	72" x 74", 20 Gauge Galvanized Steel Duct	252.64	105.59
		<i>For Flat Oval, Add</i>	11.50	
		<i>For Work In Restricted Working Space, Add</i>	52.80	
23 31 13 13-0801	LF	72" x 76", 20 Gauge Galvanized Steel Duct	256.10	107.04
		<i>For Flat Oval, Add</i>	11.66	
		<i>For Work In Restricted Working Space, Add</i>	53.52	
23 31 13 13-0802	LF	72" x 78", 20 Gauge Galvanized Steel Duct	259.56	108.48
		<i>For Flat Oval, Add</i>	11.81	
		<i>For Work In Restricted Working Space, Add</i>	54.24	
23 31 13 13-0803	LF	72" x 80", 20 Gauge Galvanized Steel Duct	263.03	109.93
		<i>For Flat Oval, Add</i>	11.97	
		<i>For Work In Restricted Working Space, Add</i>	54.97	
23 31 13 13-0804	LF	72" x 82", 20 Gauge Galvanized Steel Duct	266.49	111.38
		<i>For Flat Oval, Add</i>	12.13	
		<i>For Work In Restricted Working Space, Add</i>	55.69	
23 31 13 13-0805	LF	72" x 84", 20 Gauge Galvanized Steel Duct	269.94	112.82
		<i>For Flat Oval, Add</i>	12.29	
		<i>For Work In Restricted Working Space, Add</i>	56.41	
23 31 13 13-0806	LF	74" x 74", 20 Gauge Galvanized Steel Duct	256.10	107.04
		<i>For Flat Oval, Add</i>	11.66	
		<i>For Work In Restricted Working Space, Add</i>	53.52	
23 31 13 13-0807	LF	74" x 76", 20 Gauge Galvanized Steel Duct	259.56	108.48
		<i>For Flat Oval, Add</i>	11.81	
		<i>For Work In Restricted Working Space, Add</i>	54.24	
23 31 13 13-0808	LF	74" x 78", 20 Gauge Galvanized Steel Duct	263.03	109.93
		<i>For Flat Oval, Add</i>	11.97	
		<i>For Work In Restricted Working Space, Add</i>	54.97	
23 31 13 13-0809	LF	74" x 80", 20 Gauge Galvanized Steel Duct	266.49	111.38
		<i>For Flat Oval, Add</i>	12.13	
		<i>For Work In Restricted Working Space, Add</i>	55.69	
23 31 13 13-0810	LF	74" x 82", 20 Gauge Galvanized Steel Duct	269.94	112.82
		<i>For Flat Oval, Add</i>	12.29	
		<i>For Work In Restricted Working Space, Add</i>	56.41	
23 31 13 13-0811	LF	74" x 84", 20 Gauge Galvanized Steel Duct	273.41	114.27
		<i>For Flat Oval, Add</i>	12.44	
		<i>For Work In Restricted Working Space, Add</i>	57.14	
23 31 13 13-0812	LF	76" x 76", 20 Gauge Galvanized Steel Duct	263.03	109.93
		<i>For Flat Oval, Add</i>	11.97	
		<i>For Work In Restricted Working Space, Add</i>	54.97	
23 31 13 13-0813	LF	76" x 78", 20 Gauge Galvanized Steel Duct	266.49	111.38
		<i>For Flat Oval, Add</i>	12.13	
		<i>For Work In Restricted Working Space, Add</i>	55.69	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 31 13 13-0814	LF 76" x 80", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.94 12.29 56.41	112.82
23 31 13 13-0815	LF 76" x 82", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.41 12.44 57.14	114.27
23 31 13 13-0816	LF 76" x 84", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.86 12.60 57.86	115.71
23 31 13 13-0817	LF 78" x 78", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	269.94 12.29 56.41	112.82
23 31 13 13-0818	LF 78" x 80", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.41 12.44 57.14	114.27
23 31 13 13-0819	LF 78" x 82", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.86 12.60 57.86	115.71
23 31 13 13-0820	LF 78" x 84", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	280.32 12.76 58.58	117.17
23 31 13 13-0821	LF 80" x 80", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	276.86 12.60 57.86	115.71
23 31 13 13-0822	LF 80" x 82", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	280.32 12.76 58.58	117.17
23 31 13 13-0823	LF 80" x 84", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.80 12.92 59.31	118.61
23 31 13 13-0824	LF 82" x 82", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.80 12.92 59.31	118.61
23 31 13 13-0825	LF 82" x 84", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	287.25 13.07 60.03	120.06
23 31 13 13-0826	LF 84" x 84", 20 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.71 13.23 60.75	121.50
23 31 13 13-0827	18 Gauge Galvanized Steel Duct <small>(23 31 13 13-0009)</small>		
23 31 13 13-0828	LF 4" x 4", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.02 0.82 3.77	7.54
23 31 13 13-0829	LF 4" x 6", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.54 1.03 4.71	9.42
23 31 13 13-0830	LF 4" x 8", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.03 1.23 5.65	11.29
23 31 13 13-0831	LF 4" x 10", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.53 1.43 6.59	13.18
23 31 13 13-0832	LF 4" x 12", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.05 1.64 7.53	15.06
23 31 13 13-0833	LF 4" x 14", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.56 1.85 8.48	16.95
23 31 13 13-0834	LF 4" x 16", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.05 2.05 9.41	18.83
23 31 13 13-0835	LF 6" x 6", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.03 1.23 5.65	11.29
23 31 13 13-0836	LF 6" x 8", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	31.53 1.43 6.59	13.18
23 31 13 13-0837	LF 6" x 10", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.05 1.64 7.53	15.06
23 31 13 13-0838	LF 6" x 12", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.56 1.85 8.48	16.95
23 31 13 13-0839	LF 6" x 14", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.05 2.05 9.41	18.83
23 31 13 13-0840	LF 6" x 16", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	49.56 2.25 10.36	20.71
23 31 13 13-0841	LF 8" x 8", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.05 1.64 7.53	15.06
23 31 13 13-0842	LF 8" x 10", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.56 1.85 8.48	16.95
23 31 13 13-0843	LF 8" x 12", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.05 2.05 9.41	18.83

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0844	LF	8" x 14", 18 Gauge Galvanized Steel Duct	49.56	20.71
			For Flat Oval, Add	2.25	
			For Work In Restricted Working Space, Add	10.36	
23 31 13	13-0845	LF	8" x 16", 18 Gauge Galvanized Steel Duct	54.06	22.60
			For Flat Oval, Add	2.46	
			For Work In Restricted Working Space, Add	11.30	
23 31 13	13-0846	LF	8" x 18", 18 Gauge Galvanized Steel Duct	58.58	24.48
			For Flat Oval, Add	2.67	
			For Work In Restricted Working Space, Add	12.24	
23 31 13	13-0847	LF	8" x 20", 18 Gauge Galvanized Steel Duct	63.08	26.37
			For Flat Oval, Add	2.87	
			For Work In Restricted Working Space, Add	13.18	
23 31 13	13-0848	LF	8" x 22", 18 Gauge Galvanized Steel Duct	67.59	28.25
			For Flat Oval, Add	3.08	
			For Work In Restricted Working Space, Add	14.12	
23 31 13	13-0849	LF	8" x 24", 18 Gauge Galvanized Steel Duct	72.09	30.14
			For Flat Oval, Add	3.28	
			For Work In Restricted Working Space, Add	15.07	
23 31 13	13-0850	LF	10" x 10", 18 Gauge Galvanized Steel Duct	45.05	18.83
			For Flat Oval, Add	2.05	
			For Work In Restricted Working Space, Add	9.41	
23 31 13	13-0851	LF	10" x 12", 18 Gauge Galvanized Steel Duct	49.56	20.71
			For Flat Oval, Add	2.25	
			For Work In Restricted Working Space, Add	10.36	
23 31 13	13-0852	LF	10" x 14", 18 Gauge Galvanized Steel Duct	54.06	22.60
			For Flat Oval, Add	2.46	
			For Work In Restricted Working Space, Add	11.30	
23 31 13	13-0853	LF	10" x 16", 18 Gauge Galvanized Steel Duct	58.58	24.48
			For Flat Oval, Add	2.67	
			For Work In Restricted Working Space, Add	12.24	
23 31 13	13-0854	LF	10" x 18", 18 Gauge Galvanized Steel Duct	63.08	26.37
			For Flat Oval, Add	2.87	
			For Work In Restricted Working Space, Add	13.18	
23 31 13	13-0855	LF	10" x 20", 18 Gauge Galvanized Steel Duct	67.59	28.25
			For Flat Oval, Add	3.08	
			For Work In Restricted Working Space, Add	14.12	
23 31 13	13-0856	LF	10" x 22", 18 Gauge Galvanized Steel Duct	72.09	30.14
			For Flat Oval, Add	3.28	
			For Work In Restricted Working Space, Add	15.07	
23 31 13	13-0857	LF	10" x 24", 18 Gauge Galvanized Steel Duct	76.59	32.02
			For Flat Oval, Add	3.48	
			For Work In Restricted Working Space, Add	16.01	
23 31 13	13-0858	LF	10" x 26", 18 Gauge Galvanized Steel Duct	81.11	33.89
			For Flat Oval, Add	3.69	
			For Work In Restricted Working Space, Add	16.95	
23 31 13	13-0859	LF	10" x 28", 18 Gauge Galvanized Steel Duct	85.62	35.78
			For Flat Oval, Add	3.90	
			For Work In Restricted Working Space, Add	17.89	
23 31 13	13-0860	LF	10" x 30", 18 Gauge Galvanized Steel Duct	90.11	37.66
			For Flat Oval, Add	4.10	
			For Work In Restricted Working Space, Add	18.83	
23 31 13	13-0861	LF	10" x 32", 18 Gauge Galvanized Steel Duct	94.61	39.55
			For Flat Oval, Add	4.31	
			For Work In Restricted Working Space, Add	19.77	
23 31 13	13-0862	LF	12" x 12", 18 Gauge Galvanized Steel Duct	54.06	22.60
			For Flat Oval, Add	2.46	
			For Work In Restricted Working Space, Add	11.30	
23 31 13	13-0863	LF	12" x 14", 18 Gauge Galvanized Steel Duct	58.58	24.48
			For Flat Oval, Add	2.67	
			For Work In Restricted Working Space, Add	12.24	
23 31 13	13-0864	LF	12" x 16", 18 Gauge Galvanized Steel Duct	63.08	26.37
			For Flat Oval, Add	2.87	
			For Work In Restricted Working Space, Add	13.18	
23 31 13	13-0865	LF	12" x 18", 18 Gauge Galvanized Steel Duct	67.59	28.25
			For Flat Oval, Add	3.08	
			For Work In Restricted Working Space, Add	14.12	
23 31 13	13-0866	LF	12" x 20", 18 Gauge Galvanized Steel Duct	72.09	30.14
			For Flat Oval, Add	3.28	
			For Work In Restricted Working Space, Add	15.07	
23 31 13	13-0867	LF	12" x 22", 18 Gauge Galvanized Steel Duct	76.59	32.02
			For Flat Oval, Add	3.48	
			For Work In Restricted Working Space, Add	16.01	
23 31 13	13-0868	LF	12" x 24", 18 Gauge Galvanized Steel Duct	81.11	33.89
			For Flat Oval, Add	3.69	
			For Work In Restricted Working Space, Add	16.95	
23 31 13	13-0869	LF	12" x 26", 18 Gauge Galvanized Steel Duct	85.62	35.78
			For Flat Oval, Add	3.90	
			For Work In Restricted Working Space, Add	17.89	
23 31 13	13-0870	LF	12" x 28", 18 Gauge Galvanized Steel Duct	90.11	37.66
			For Flat Oval, Add	4.10	
			For Work In Restricted Working Space, Add	18.83	
23 31 13	13-0871	LF	12" x 30", 18 Gauge Galvanized Steel Duct	94.61	39.55
			For Flat Oval, Add	4.31	
			For Work In Restricted Working Space, Add	19.77	
23 31 13	13-0872	LF	12" x 32", 18 Gauge Galvanized Steel Duct	99.12	41.43
			For Flat Oval, Add	4.51	
			For Work In Restricted Working Space, Add	20.72	
23 31 13	13-0873	LF	12" x 34", 18 Gauge Galvanized Steel Duct	103.64	43.31
			For Flat Oval, Add	4.72	
			For Work In Restricted Working Space, Add	21.66	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0874	LF			12" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31 13 13-0875	LF			14" x 14", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.08 2.87 13.18	26.37
23 31 13 13-0876	LF			14" x 16", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	67.59 3.08 14.12	28.25
23 31 13 13-0877	LF			14" x 18", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.09 3.28 15.07	30.14
23 31 13 13-0878	LF			14" x 20", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.59 3.48 16.01	32.02
23 31 13 13-0879	LF			14" x 22", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.11 3.69 16.95	33.89
23 31 13 13-0880	LF			14" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.62 3.90 17.89	35.78
23 31 13 13-0881	LF			14" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.11 4.10 18.83	37.66
23 31 13 13-0882	LF			14" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.61 4.31 19.77	39.55
23 31 13 13-0883	LF			14" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.12 4.51 20.72	41.43
23 31 13 13-0884	LF			14" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.64 4.72 21.66	43.31
23 31 13 13-0885	LF			14" x 34", 18 Gauge Galvanized steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31 13 13-0886	LF			14" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31 13 13-0887	LF			16" x 16", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.09 3.28 15.07	30.14
23 31 13 13-0888	LF			16" x 18", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.59 3.48 16.01	32.02
23 31 13 13-0889	LF			16" x 20", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.11 3.69 16.95	33.89
23 31 13 13-0890	LF			16" x 22", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.62 3.90 17.89	35.78
23 31 13 13-0891	LF			16" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.11 4.10 18.83	37.66
23 31 13 13-0892	LF			16" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.61 4.31 19.77	39.55
23 31 13 13-0893	LF			16" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.12 4.51 20.72	41.43
23 31 13 13-0894	LF			16" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.64 4.72 21.66	43.31
23 31 13 13-0895	LF			16" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31 13 13-0896	LF			16" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31 13 13-0897	LF			16" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31 13 13-0898	LF			16" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31 13 13-0899	LF			16" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31 13 13-0900	LF			16" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31 13 13-0901	LF			16" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31 13 13-0902	LF			18" x 18", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.11 3.69 16.95	33.89
23 31 13 13-0903	LF			18" x 20", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	85.62 3.90 17.89	35.78

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0904	LF 18" x 22", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.11 4.10 18.83	37.66
23 31 13 13-0905	LF 18" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.61 4.31 19.77	39.55
23 31 13 13-0906	LF 18" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.12 4.51 20.72	41.43
23 31 13 13-0907	LF 18" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.64 4.72 21.66	43.31
23 31 13 13-0908	LF 18" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31 13 13-0909	LF 18" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31 13 13-0910	LF 18" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31 13 13-0911	LF 18" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31 13 13-0912	LF 18" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31 13 13-0913	LF 18" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31 13 13-0914	LF 18" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31 13 13-0915	LF 18" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31 13 13-0916	LF 18" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31 13 13-0917	LF 20" x 20", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.11 4.10 18.83	37.66
23 31 13 13-0918	LF 20" x 22", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	94.61 4.31 19.77	39.55
23 31 13 13-0919	LF 20" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.12 4.51 20.72	41.43
23 31 13 13-0920	LF 20" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.64 4.72 21.66	43.31
23 31 13 13-0921	LF 20" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31 13 13-0922	LF 20" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31 13 13-0923	LF 20" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31 13 13-0924	LF 20" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31 13 13-0925	LF 20" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31 13 13-0926	LF 20" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31 13 13-0927	LF 20" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31 13 13-0928	LF 20" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31 13 13-0929	LF 20" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31 13 13-0930	LF 20" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31 13 13-0931	LF 20" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31 13 13-0932	LF 22" x 22", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.12 4.51 20.72	41.43
23 31 13 13-0933	LF 22" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	103.64 4.72 21.66	43.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13	0934	LF 22" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31	13 13	0935	LF 22" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31	13 13	0936	LF 22" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31	13 13	0937	LF 22" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31	13 13	0938	LF 22" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31	13 13	0939	LF 22" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31	13 13	0940	LF 22" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31	13 13	0941	LF 22" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31	13 13	0942	LF 22" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13	0943	LF 22" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31	13 13	0944	LF 22" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31	13 13	0945	LF 22" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31	13 13	0946	LF 24" x 24", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.13 4.92 22.60	45.20
23 31	13 13	0947	LF 24" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.65 5.13 23.54	47.08
23 31	13 13	0948	LF 24" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31	13 13	0949	LF 24" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31	13 13	0950	LF 24" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31	13 13	0951	LF 24" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31	13 13	0952	LF 24" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31	13 13	0953	LF 24" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31	13 13	0954	LF 24" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13	0955	LF 24" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31	13 13	0956	LF 24" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31	13 13	0957	LF 24" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31	13 13	0958	LF 24" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31	13 13	0959	LF 26" x 26", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	117.15 5.33 24.48	48.97
23 31	13 13	0960	LF 26" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	121.64 5.54 25.42	50.85
23 31	13 13	0961	LF 26" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31	13 13	0962	LF 26" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31	13 13	0963	LF 26" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-0964	LF	26" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31	13 13-0965	LF	26" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13-0966	LF	26" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31	13 13-0967	LF	26" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31	13 13-0968	LF	26" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31	13 13-0969	LF	26" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31	13 13-0970	LF	26" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31	13 13-0971	LF	28" x 28", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.18 5.74 26.37	52.73
23 31	13 13-0972	LF	28" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	130.67 5.95 27.31	54.61
23 31	13 13-0973	LF	28" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31	13 13-0974	LF	28" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31	13 13-0975	LF	28" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13-0976	LF	28" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31	13 13-0977	LF	28" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31	13 13-0978	LF	28" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31	13 13-0979	LF	28" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31	13 13-0980	LF	28" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31	13 13-0981	LF	28" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31	13 13-0982	LF	30" x 30", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	135.17 6.15 28.25	56.49
23 31	13 13-0983	LF	30" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	139.67 6.36 29.19	58.38
23 31	13 13-0984	LF	30" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13-0985	LF	30" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14
23 31	13 13-0986	LF	30" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31	13 13-0987	LF	30" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31	13 13-0988	LF	30" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31	13 13-0989	LF	30" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31	13 13-0990	LF	30" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31	13 13-0991	LF	30" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.72 8.00 36.72	73.45
23 31	13 13-0992	LF	32" x 32", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.20 6.56 30.13	60.26
23 31	13 13-0993	LF	32" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.69 6.77 31.07	62.14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0994	LF	32" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31 13	13-0995	LF	32" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31 13	13-0996	LF	32" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31 13	13-0997	LF	32" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31 13	13-0998	LF	32" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31 13	13-0999	LF	32" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.72 8.00 36.72	73.45
23 31 13	13-1000	LF	32" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.23 8.20 37.67	75.32
23 31 13	13-1001	LF	34" x 34", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.20 6.97 32.02	64.03
23 31 13	13-1002	LF	34" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.70 7.18 32.96	65.91
23 31 13	13-1003	LF	34" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31 13	13-1004	LF	34" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31 13	13-1005	LF	34" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31 13	13-1006	LF	34" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.72 8.00 36.72	73.45
23 31 13	13-1007	LF	34" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.23 8.20 37.67	75.32
23 31 13	13-1008	LF	34" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	184.72 8.41 38.60	77.21
23 31 13	13-1009	LF	36" x 36", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	162.20 7.38 33.90	67.80
23 31 13	13-1010	LF	36" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.72 7.59 34.84	69.68
23 31 13	13-1011	LF	36" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31 13	13-1012	LF	36" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.72 8.00 36.72	73.45
23 31 13	13-1013	LF	36" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.23 8.20 37.67	75.32
23 31 13	13-1014	LF	36" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	184.72 8.41 38.60	77.21
23 31 13	13-1015	LF	36" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.26 8.61 39.55	79.09
23 31 13	13-1016	LF	38" x 38", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.23 7.79 35.78	71.56
23 31 13	13-1017	LF	38" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.72 8.00 36.72	73.45
23 31 13	13-1018	LF	38" x 42", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.23 8.20 37.67	75.32
23 31 13	13-1019	LF	38" x 44", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	184.72 8.41 38.60	77.21
23 31 13	13-1020	LF	38" x 46", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.26 8.61 39.55	79.09
23 31 13	13-1021	LF	38" x 48", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	193.75 8.82 40.49	80.98
23 31 13	13-1022	LF	38" x 50", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	198.25 9.02 41.43	82.86
23 31 13	13-1023	LF	40" x 40", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	180.23 8.20 37.67	75.32

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 31 13 13-1024	LF 40" x 42", 18 Gauge Galvanized Steel Duct	184.72	77.21
	<i>For Flat Oval, Add</i>	8.41	
	<i>For Work In Restricted Working Space, Add</i>	38.60	
23 31 13 13-1025	LF 40" x 44", 18 Gauge Galvanized Steel Duct	189.26	79.09
	<i>For Flat Oval, Add</i>	8.61	
	<i>For Work In Restricted Working Space, Add</i>	39.55	
23 31 13 13-1026	LF 40" x 46", 18 Gauge Galvanized Steel Duct	193.75	80.98
	<i>For Flat Oval, Add</i>	8.82	
	<i>For Work In Restricted Working Space, Add</i>	40.49	
23 31 13 13-1027	LF 40" x 48", 18 Gauge Galvanized Steel Duct	198.25	82.86
	<i>For Flat Oval, Add</i>	9.02	
	<i>For Work In Restricted Working Space, Add</i>	41.43	
23 31 13 13-1028	LF 40" x 50", 18 Gauge Galvanized Steel Duct	202.76	84.74
	<i>For Flat Oval, Add</i>	9.23	
	<i>For Work In Restricted Working Space, Add</i>	42.37	
23 31 13 13-1029	LF 40" x 52", 18 Gauge Galvanized Steel Duct	207.26	86.63
	<i>For Flat Oval, Add</i>	9.43	
	<i>For Work In Restricted Working Space, Add</i>	43.31	
23 31 13 13-1030	LF 40" x 54", 18 Gauge Galvanized Steel Duct	211.77	88.51
	<i>For Flat Oval, Add</i>	9.64	
	<i>For Work In Restricted Working Space, Add</i>	44.25	
23 31 13 13-1031	LF 40" x 56", 18 Gauge Galvanized Steel Duct	216.29	90.40
	<i>For Flat Oval, Add</i>	9.84	
	<i>For Work In Restricted Working Space, Add</i>	45.20	
23 31 13 13-1032	LF 42" x 42", 18 Gauge Galvanized Steel Duct	189.26	79.09
	<i>For Flat Oval, Add</i>	8.61	
	<i>For Work In Restricted Working Space, Add</i>	39.55	
23 31 13 13-1033	LF 42" x 44", 18 Gauge Galvanized Steel Duct	193.75	80.98
	<i>For Flat Oval, Add</i>	8.82	
	<i>For Work In Restricted Working Space, Add</i>	40.49	
23 31 13 13-1034	LF 42" x 46", 18 Gauge Galvanized Steel Duct	198.25	82.86
	<i>For Flat Oval, Add</i>	9.02	
	<i>For Work In Restricted Working Space, Add</i>	41.43	
23 31 13 13-1035	LF 42" x 48", 18 Gauge Galvanized Steel Duct	202.76	84.74
	<i>For Flat Oval, Add</i>	9.23	
	<i>For Work In Restricted Working Space, Add</i>	42.37	
23 31 13 13-1036	LF 42" x 50", 18 Gauge Galvanized Steel Duct	207.26	86.63
	<i>For Flat Oval, Add</i>	9.43	
	<i>For Work In Restricted Working Space, Add</i>	43.31	
23 31 13 13-1037	LF 42" x 52", 18 Gauge Galvanized Steel Duct	211.77	88.51
	<i>For Flat Oval, Add</i>	9.64	
	<i>For Work In Restricted Working Space, Add</i>	44.25	
23 31 13 13-1038	LF 42" x 54", 18 Gauge Galvanized Steel Duct	216.29	90.40
	<i>For Flat Oval, Add</i>	9.84	
	<i>For Work In Restricted Working Space, Add</i>	45.20	
23 31 13 13-1039	LF 42" x 56", 18 Gauge Galvanized Steel Duct	220.78	92.28
	<i>For Flat Oval, Add</i>	10.05	
	<i>For Work In Restricted Working Space, Add</i>	46.14	
23 31 13 13-1040	LF 44" x 44", 18 Gauge Galvanized Steel Duct	198.25	82.86
	<i>For Flat Oval, Add</i>	9.02	
	<i>For Work In Restricted Working Space, Add</i>	41.43	
23 31 13 13-1041	LF 44" x 46", 18 Gauge Galvanized Steel Duct	202.76	84.74
	<i>For Flat Oval, Add</i>	9.23	
	<i>For Work In Restricted Working Space, Add</i>	42.37	
23 31 13 13-1042	LF 44" x 48", 18 Gauge Galvanized Steel Duct	207.26	86.63
	<i>For Flat Oval, Add</i>	9.43	
	<i>For Work In Restricted Working Space, Add</i>	43.31	
23 31 13 13-1043	LF 44" x 50", 18 Gauge Galvanized Steel Duct	211.77	88.51
	<i>For Flat Oval, Add</i>	9.64	
	<i>For Work In Restricted Working Space, Add</i>	44.25	
23 31 13 13-1044	LF 44" x 52", 18 Gauge Galvanized Steel Duct	216.29	90.40
	<i>For Flat Oval, Add</i>	9.84	
	<i>For Work In Restricted Working Space, Add</i>	45.20	
23 31 13 13-1045	LF 44" x 54", 18 Gauge Galvanized Steel Duct	220.78	92.28
	<i>For Flat Oval, Add</i>	10.05	
	<i>For Work In Restricted Working Space, Add</i>	46.14	
23 31 13 13-1046	LF 44" x 56", 18 Gauge Galvanized Steel Duct	225.28	94.16
	<i>For Flat Oval, Add</i>	10.25	
	<i>For Work In Restricted Working Space, Add</i>	47.08	
23 31 13 13-1047	LF 46" x 46", 18 Gauge Galvanized Steel Duct	207.26	86.63
	<i>For Flat Oval, Add</i>	9.43	
	<i>For Work In Restricted Working Space, Add</i>	43.31	
23 31 13 13-1048	LF 46" x 48", 18 Gauge Galvanized Steel Duct	211.77	88.51
	<i>For Flat Oval, Add</i>	9.64	
	<i>For Work In Restricted Working Space, Add</i>	44.25	
23 31 13 13-1049	LF 46" x 50", 18 Gauge Galvanized Steel Duct	216.29	90.40
	<i>For Flat Oval, Add</i>	9.84	
	<i>For Work In Restricted Working Space, Add</i>	45.20	
23 31 13 13-1050	LF 46" x 52", 18 Gauge Galvanized Steel Duct	220.78	92.28
	<i>For Flat Oval, Add</i>	10.05	
	<i>For Work In Restricted Working Space, Add</i>	46.14	
23 31 13 13-1051	LF 46" x 54", 18 Gauge Galvanized Steel Duct	225.28	94.16
	<i>For Flat Oval, Add</i>	10.25	
	<i>For Work In Restricted Working Space, Add</i>	47.08	
23 31 13 13-1052	LF 46" x 56", 18 Gauge Galvanized Steel Duct	229.80	96.05
	<i>For Flat Oval, Add</i>	10.46	
	<i>For Work In Restricted Working Space, Add</i>	48.02	
23 31 13 13-1053	LF 46" x 58", 18 Gauge Galvanized Steel Duct	234.31	97.92
	<i>For Flat Oval, Add</i>	10.67	
	<i>For Work In Restricted Working Space, Add</i>	48.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1054	LF		48" x 48", 18 Gauge Galvanized Steel Duct	216.29	90.40
			<i>For Flat Oval, Add</i>	9.84	
			<i>For Work In Restricted Working Space, Add</i>	45.20	
23 31 13 13-1055	LF		48" x 50", 18 Gauge Galvanized Steel Duct	220.78	92.28
			<i>For Flat Oval, Add</i>	10.05	
			<i>For Work In Restricted Working Space, Add</i>	46.14	
23 31 13 13-1056	LF		48" x 52", 18 Gauge Galvanized Steel Duct	225.28	94.16
			<i>For Flat Oval, Add</i>	10.25	
			<i>For Work In Restricted Working Space, Add</i>	47.08	
23 31 13 13-1057	LF		48" x 54", 18 Gauge Galvanized Steel Duct	229.80	96.05
			<i>For Flat Oval, Add</i>	10.46	
			<i>For Work In Restricted Working Space, Add</i>	48.02	
23 31 13 13-1058	LF		48" x 56", 18 Gauge Galvanized Steel Duct	234.31	97.92
			<i>For Flat Oval, Add</i>	10.67	
			<i>For Work In Restricted Working Space, Add</i>	48.96	
23 31 13 13-1059	LF		48" x 58", 18 Gauge Galvanized Steel Duct	238.81	99.81
			<i>For Flat Oval, Add</i>	10.87	
			<i>For Work In Restricted Working Space, Add</i>	49.91	
23 31 13 13-1060	LF		48" x 60", 18 Gauge Galvanized Steel Duct	243.31	101.69
			<i>For Flat Oval, Add</i>	11.07	
			<i>For Work In Restricted Working Space, Add</i>	50.85	
23 31 13 13-1061	LF		50" x 50", 18 Gauge Galvanized Steel Duct	225.28	94.16
			<i>For Flat Oval, Add</i>	10.25	
			<i>For Work In Restricted Working Space, Add</i>	47.08	
23 31 13 13-1062	LF		50" x 52", 18 Gauge Galvanized Steel Duct	229.80	96.05
			<i>For Flat Oval, Add</i>	10.46	
			<i>For Work In Restricted Working Space, Add</i>	48.02	
23 31 13 13-1063	LF		50" x 54", 18 Gauge Galvanized Steel Duct	234.31	97.92
			<i>For Flat Oval, Add</i>	10.67	
			<i>For Work In Restricted Working Space, Add</i>	48.96	
23 31 13 13-1064	LF		50" x 56", 18 Gauge Galvanized Steel Duct	238.81	99.81
			<i>For Flat Oval, Add</i>	10.87	
			<i>For Work In Restricted Working Space, Add</i>	49.91	
23 31 13 13-1065	LF		50" x 58", 18 Gauge Galvanized Steel Duct	243.31	101.69
			<i>For Flat Oval, Add</i>	11.07	
			<i>For Work In Restricted Working Space, Add</i>	50.85	
23 31 13 13-1066	LF		50" x 60", 18 Gauge Galvanized Steel Duct	247.82	103.57
			<i>For Flat Oval, Add</i>	11.28	
			<i>For Work In Restricted Working Space, Add</i>	51.79	
23 31 13 13-1067	LF		52" x 52", 18 Gauge Galvanized Steel Duct	234.31	97.92
			<i>For Flat Oval, Add</i>	10.67	
			<i>For Work In Restricted Working Space, Add</i>	48.96	
23 31 13 13-1068	LF		52" x 54", 18 Gauge Galvanized Steel Duct	238.81	99.81
			<i>For Flat Oval, Add</i>	10.87	
			<i>For Work In Restricted Working Space, Add</i>	49.91	
23 31 13 13-1069	LF		52" x 56", 18 Gauge Galvanized Steel Duct	243.31	101.69
			<i>For Flat Oval, Add</i>	11.07	
			<i>For Work In Restricted Working Space, Add</i>	50.85	
23 31 13 13-1070	LF		52" x 58", 18 Gauge Galvanized Steel Duct	247.82	103.57
			<i>For Flat Oval, Add</i>	11.28	
			<i>For Work In Restricted Working Space, Add</i>	51.79	
23 31 13 13-1071	LF		52" x 60", 18 Gauge Galvanized Steel Duct	252.31	105.46
			<i>For Flat Oval, Add</i>	11.48	
			<i>For Work In Restricted Working Space, Add</i>	52.73	
23 31 13 13-1072	LF		54" x 54", 18 Gauge Galvanized Steel Duct	243.31	101.69
			<i>For Flat Oval, Add</i>	11.07	
			<i>For Work In Restricted Working Space, Add</i>	50.85	
23 31 13 13-1073	LF		54" x 56", 18 Gauge Galvanized Steel Duct	247.82	103.57
			<i>For Flat Oval, Add</i>	11.28	
			<i>For Work In Restricted Working Space, Add</i>	51.79	
23 31 13 13-1074	LF		54" x 58", 18 Gauge Galvanized Steel Duct	252.31	105.46
			<i>For Flat Oval, Add</i>	11.48	
			<i>For Work In Restricted Working Space, Add</i>	52.73	
23 31 13 13-1075	LF		54" x 60", 18 Gauge Galvanized Steel Duct	256.84	107.34
			<i>For Flat Oval, Add</i>	11.69	
			<i>For Work In Restricted Working Space, Add</i>	53.67	
23 31 13 13-1076	LF		54" x 62", 18 Gauge Galvanized Steel Duct	261.34	109.23
			<i>For Flat Oval, Add</i>	11.90	
			<i>For Work In Restricted Working Space, Add</i>	54.61	
23 31 13 13-1077	LF		54" x 64", 18 Gauge Galvanized Steel Duct	265.84	111.11
			<i>For Flat Oval, Add</i>	12.10	
			<i>For Work In Restricted Working Space, Add</i>	55.55	
23 31 13 13-1078	LF		56" x 56", 18 Gauge Galvanized Steel Duct	252.31	105.46
			<i>For Flat Oval, Add</i>	11.48	
			<i>For Work In Restricted Working Space, Add</i>	52.73	
23 31 13 13-1079	LF		56" x 58", 18 Gauge Galvanized Steel Duct	256.84	107.34
			<i>For Flat Oval, Add</i>	11.69	
			<i>For Work In Restricted Working Space, Add</i>	53.67	
23 31 13 13-1080	LF		56" x 60", 18 Gauge Galvanized Steel Duct	261.34	109.23
			<i>For Flat Oval, Add</i>	11.90	
			<i>For Work In Restricted Working Space, Add</i>	54.61	
23 31 13 13-1081	LF		56" x 62", 18 Gauge Galvanized Steel Duct	265.84	111.11
			<i>For Flat Oval, Add</i>	12.10	
			<i>For Work In Restricted Working Space, Add</i>	55.55	
23 31 13 13-1082	LF		56" x 64", 18 Gauge Galvanized Steel Duct	270.34	112.99
			<i>For Flat Oval, Add</i>	12.30	
			<i>For Work In Restricted Working Space, Add</i>	56.50	
23 31 13 13-1083	LF		58" x 58", 18 Gauge Galvanized Steel Duct	261.34	109.23
			<i>For Flat Oval, Add</i>	11.90	
			<i>For Work In Restricted Working Space, Add</i>	54.61	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-1084	LF 58" x 60", 18 Gauge Galvanized Steel Duct	265.84	111.11
	For Flat Oval, Add	12.10	
	For Work In Restricted Working Space, Add	55.55	
23 31 13 13-1085	LF 58" x 62", 18 Gauge Galvanized Steel Duct	270.34	112.99
	For Flat Oval, Add	12.30	
	For Work In Restricted Working Space, Add	56.50	
23 31 13 13-1086	LF 58" x 64", 18 Gauge Galvanized Steel Duct	274.85	114.88
	For Flat Oval, Add	12.51	
	For Work In Restricted Working Space, Add	57.44	
23 31 13 13-1087	LF 58" x 66", 18 Gauge Galvanized Steel Duct	279.36	116.76
	For Flat Oval, Add	12.72	
	For Work In Restricted Working Space, Add	58.38	
23 31 13 13-1088	LF 60" x 60", 18 Gauge Galvanized Steel Duct	270.34	112.99
	For Flat Oval, Add	12.30	
	For Work In Restricted Working Space, Add	56.50	
23 31 13 13-1089	LF 60" x 62", 18 Gauge Galvanized Steel Duct	274.85	114.88
	For Flat Oval, Add	12.51	
	For Work In Restricted Working Space, Add	57.44	
23 31 13 13-1090	LF 60" x 64", 18 Gauge Galvanized Steel Duct	279.36	116.76
	For Flat Oval, Add	12.72	
	For Work In Restricted Working Space, Add	58.38	
23 31 13 13-1091	LF 60" x 66", 18 Gauge Galvanized Steel Duct	283.87	118.64
	For Flat Oval, Add	12.92	
	For Work In Restricted Working Space, Add	59.32	
23 31 13 13-1092	LF 60" x 68", 18 Gauge Galvanized Steel Duct	288.37	120.52
	For Flat Oval, Add	13.13	
	For Work In Restricted Working Space, Add	60.26	
23 31 13 13-1093	LF 62" x 62", 18 Gauge Galvanized Steel Duct	279.36	116.76
	For Flat Oval, Add	12.72	
	For Work In Restricted Working Space, Add	58.38	
23 31 13 13-1094	LF 62" x 64", 18 Gauge Galvanized Steel Duct	283.87	118.64
	For Flat Oval, Add	12.92	
	For Work In Restricted Working Space, Add	59.32	
23 31 13 13-1095	LF 62" x 66", 18 Gauge Galvanized Steel Duct	288.37	120.52
	For Flat Oval, Add	13.13	
	For Work In Restricted Working Space, Add	60.26	
23 31 13 13-1096	LF 62" x 68", 18 Gauge Galvanized Steel Duct	292.87	122.40
	For Flat Oval, Add	13.33	
	For Work In Restricted Working Space, Add	61.20	
23 31 13 13-1097	LF 62" x 70", 18 Gauge Galvanized Steel Duct	297.37	124.29
	For Flat Oval, Add	13.53	
	For Work In Restricted Working Space, Add	62.15	
23 31 13 13-1098	LF 64" x 64", 18 Gauge Galvanized Steel Duct	288.37	120.52
	For Flat Oval, Add	13.13	
	For Work In Restricted Working Space, Add	60.26	
23 31 13 13-1099	LF 64" x 66", 18 Gauge Galvanized Steel Duct	292.87	122.40
	For Flat Oval, Add	13.33	
	For Work In Restricted Working Space, Add	61.20	
23 31 13 13-1100	LF 64" x 68", 18 Gauge Galvanized Steel Duct	297.37	124.29
	For Flat Oval, Add	13.53	
	For Work In Restricted Working Space, Add	62.15	
23 31 13 13-1101	LF 64" x 70", 18 Gauge Galvanized Steel Duct	301.89	126.17
	For Flat Oval, Add	13.74	
	For Work In Restricted Working Space, Add	63.09	
23 31 13 13-1102	LF 66" x 66", 18 Gauge Galvanized Steel Duct	297.37	124.29
	For Flat Oval, Add	13.53	
	For Work In Restricted Working Space, Add	62.15	
23 31 13 13-1103	LF 66" x 68", 18 Gauge Galvanized Steel Duct	301.89	126.17
	For Flat Oval, Add	13.74	
	For Work In Restricted Working Space, Add	63.09	
23 31 13 13-1104	LF 66" x 70", 18 Gauge Galvanized Steel Duct	306.39	128.06
	For Flat Oval, Add	13.95	
	For Work In Restricted Working Space, Add	64.03	
23 31 13 13-1105	LF 66" x 72", 18 Gauge Galvanized Steel Duct	310.90	129.94
	For Flat Oval, Add	14.15	
	For Work In Restricted Working Space, Add	64.97	
23 31 13 13-1106	LF 68" x 68", 18 Gauge Galvanized Steel Duct	306.39	128.06
	For Flat Oval, Add	13.95	
	For Work In Restricted Working Space, Add	64.03	
23 31 13 13-1107	LF 68" x 70", 18 Gauge Galvanized Steel Duct	310.90	129.94
	For Flat Oval, Add	14.15	
	For Work In Restricted Working Space, Add	64.97	
23 31 13 13-1108	LF 68" x 72", 18 Gauge Galvanized Steel Duct	315.39	131.83
	For Flat Oval, Add	14.35	
	For Work In Restricted Working Space, Add	65.91	
23 31 13 13-1109	LF 68" x 74", 18 Gauge Galvanized Steel Duct	319.91	133.71
	For Flat Oval, Add	14.56	
	For Work In Restricted Working Space, Add	66.86	
23 31 13 13-1110	LF 70" x 70", 18 Gauge Galvanized Steel Duct	315.39	131.83
	For Flat Oval, Add	14.35	
	For Work In Restricted Working Space, Add	65.91	
23 31 13 13-1111	LF 70" x 72", 18 Gauge Galvanized Steel Duct	319.91	133.71
	For Flat Oval, Add	14.56	
	For Work In Restricted Working Space, Add	66.86	
23 31 13 13-1112	LF 70" x 74", 18 Gauge Galvanized Steel Duct	324.42	135.59
	For Flat Oval, Add	14.77	
	For Work In Restricted Working Space, Add	67.79	
23 31 13 13-1113	LF 70" x 76", 18 Gauge Galvanized Steel Duct	328.92	137.48
	For Flat Oval, Add	14.97	
	For Work In Restricted Working Space, Add	68.74	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 31 13 13-1114	LF	70" x 78", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	333.43 15.18 69.68	139.35
23 31 13 13-1115	LF	70" x 80", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	337.93 15.38 70.62	141.24
23 31 13 13-1116	LF	70" x 82", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.43 15.58 71.56	143.12
23 31 13 13-1117	LF	70" x 84", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.96 15.79 72.50	145.00
23 31 13 13-1118	LF	70" x 86", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.46 16.00 73.45	146.89
23 31 13 13-1119	LF	72" x 72", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	324.42 14.77 67.79	135.59
23 31 13 13-1120	LF	72" x 74", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.92 14.97 68.74	137.48
23 31 13 13-1121	LF	72" x 76", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	333.43 15.18 69.68	139.35
23 31 13 13-1122	LF	72" x 78", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	337.93 15.38 70.62	141.24
23 31 13 13-1123	LF	72" x 80", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.43 15.58 71.56	143.12
23 31 13 13-1124	LF	72" x 82", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.96 15.79 72.50	145.00
23 31 13 13-1125	LF	72" x 84", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.46 16.00 73.45	146.89
23 31 13 13-1126	LF	72" x 86", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	355.95 16.20 74.39	148.77
23 31 13 13-1127	LF	74" x 74", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	333.43 15.18 69.68	139.35
23 31 13 13-1128	LF	74" x 76", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	337.93 15.38 70.62	141.24
23 31 13 13-1129	LF	74" x 78", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.43 15.58 71.56	143.12
23 31 13 13-1130	LF	74" x 80", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.96 15.79 72.50	145.00
23 31 13 13-1131	LF	74" x 82", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.46 16.00 73.45	146.89
23 31 13 13-1132	LF	74" x 84", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	355.95 16.20 74.39	148.77
23 31 13 13-1133	LF	74" x 86", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	360.46 16.40 75.33	150.66
23 31 13 13-1134	LF	76" x 76", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.43 15.58 71.56	143.12
23 31 13 13-1135	LF	76" x 78", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	346.96 15.79 72.50	145.00
23 31 13 13-1136	LF	76" x 80", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.46 16.00 73.45	146.89
23 31 13 13-1137	LF	76" x 82", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	355.95 16.20 74.39	148.77
23 31 13 13-1138	LF	76" x 84", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	360.46 16.40 75.33	150.66
23 31 13 13-1139	LF	76" x 86", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	364.96 16.61 76.27	152.54
23 31 13 13-1140	LF	78" x 78", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	351.46 16.00 73.45	146.89
23 31 13 13-1141	LF	78" x 80", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	355.95 16.20 74.39	148.77
23 31 13 13-1142	LF	78" x 82", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	360.46 16.40 75.33	150.66
23 31 13 13-1143	LF	78" x 84", 18 Gauge Galvanized Steel Duct <i>For Flat Oval, Add</i> <i>For Work In Restricted Working Space, Add</i>	364.96 16.61 76.27	152.54

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 13-1144	LF	78" x 86", 18 Gauge Galvanized Steel Duct	369.48	154.42
			For Flat Oval, Add	16.82	
			For Work In Restricted Working Space, Add	77.21	
23 31	13 13-1145	LF	80" x 80", 18 Gauge Galvanized Steel Duct	360.46	150.66
			For Flat Oval, Add	16.40	
			For Work In Restricted Working Space, Add	75.33	
23 31	13 13-1146	LF	80" x 82", 18 Gauge Galvanized Steel Duct	364.96	152.54
			For Flat Oval, Add	16.61	
			For Work In Restricted Working Space, Add	76.27	
23 31	13 13-1147	LF	80" x 84", 18 Gauge Galvanized Steel Duct	369.48	154.42
			For Flat Oval, Add	16.82	
			For Work In Restricted Working Space, Add	77.21	
23 31	13 13-1148	LF	80" x 86", 18 Gauge Galvanized Steel Duct	373.98	156.31
			For Flat Oval, Add	17.02	
			For Work In Restricted Working Space, Add	78.15	
23 31	13 13-1149	LF	82" x 82", 18 Gauge Galvanized Steel Duct	369.48	154.42
			For Flat Oval, Add	16.82	
			For Work In Restricted Working Space, Add	77.21	
23 31	13 13-1150	LF	82" x 84", 18 Gauge Galvanized Steel Duct	373.98	156.31
			For Flat Oval, Add	17.02	
			For Work In Restricted Working Space, Add	78.15	
23 31	13 13-1151	LF	82" x 86", 18 Gauge Galvanized Steel Duct	378.49	158.19
			For Flat Oval, Add	17.23	
			For Work In Restricted Working Space, Add	79.10	
23 31	13 13-1152	LF	84" x 84", 18 Gauge Galvanized Steel Duct	378.49	158.19
			For Flat Oval, Add	17.23	
			For Work In Restricted Working Space, Add	79.10	
23 31	13 13-1153	LF	84" x 86", 18 Gauge Galvanized Steel Duct	382.98	160.08
			For Flat Oval, Add	17.43	
			For Work In Restricted Working Space, Add	80.03	
23 31	13 13-1154	LF	86" x 86", 18 Gauge Galvanized Steel Duct	387.49	161.95
			For Flat Oval, Add	17.63	
			For Work In Restricted Working Space, Add	80.98	
23 31	13 13-1155		Aluminum Sheet Metal Duct Alloy 3003-H14 <small>(23 31 13 13)</small>		
			Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31	13 13-1156	LB	Aluminum Sheet Metal Ductwork, Low Pressure, Alloy 3003-H14.....	14.80	2.38
			For Work In Restricted Working Space, Add	4.05	
			For Up To 200 LB, Add	4.83	
			For >200 To 500, Add	2.99	
			For >500 To 1,000, Add	2.16	
			For >1,000 To 2,000, Add	1.22	
			For >2,000 To 5,000, Add	0.58	
23 31	13 13-1157		Stainless Steel Sheet Metal Duct Type 304 <small>(23 31 13 13)</small>		
			Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31	13 13-1158	LB	Stainless Steel Sheet Metal Ductwork, Low Pressure, Type 304.....	14.95	3.17
			For Type 316 Stainless Steel, Add	0.42	
			For Welded Seams, Add	5.61	
			For Work In Restricted Working Space, Add	3.24	
			For Up To 200 LB, Add	5.73	
			For >200 To 500, Add	3.73	
			For >500 To 1,000, Add	2.38	
			For >1,000 To 2,000, Add	1.32	
			For >2,000 To 5,000, Add	0.56	
23 31	13 13-1159	LB	Stainless Steel Sheet Metal Ductwork, Medium Pressure, Type 304	17.13	3.97
			For Type 316 Stainless Steel, Add	0.48	
			For Welded Seams, Add	6.41	
			For Work In Restricted Working Space, Add	3.71	
			For Up To 200 LB, Add	6.57	
			For >200 To 500, Add	4.28	
			For >500 To 1,000, Add	2.73	
			For >1,000 To 2,000, Add	1.51	
			For >2,000 To 5,000, Add	0.64	
23 31	13 13-1160	LB	Stainless Steel Sheet Metal Ductwork, High Pressure, Type 304.....	20.88	4.77
			For Type 316 Stainless Steel, Add	0.58	
			For Welded Seams, Add	7.83	
			For Work In Restricted Working Space, Add	4.52	
			For Up To 200 LB, Add	8.00	
			For >200 To 500, Add	5.21	
			For >500 To 1,000, Add	3.33	
			For >1,000 To 2,000, Add	1.84	
			For >2,000 To 5,000, Add	0.78	
23 31	13 13-1161		Rework Sheet Metal Ductwork <small>(23 31 13 13)</small>		
			Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.		
23 31	13 13-1162	LF	Up To 1 SF Cross Section, Rework Existing Ductwork.....	23.82	
23 31	13 13-1163	LF	>1 To 2 SF Cross Section, Rework Existing Ductwork	46.46	
23 31	13 13-1164	LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	61.38	
23 31	13 13-1165	LF	>4 To 6 SF Cross Section, Rework Existing Ductwork	76.86	
23 31	13 13-1166	LF	>6 To 8 SF Cross Section, Rework Existing Ductwork	107.20	
23 31	13 13-1167	LF	>8 To 10 SF Cross Section, Rework Existing Ductwork	125.06	
23 31	13 13-1168	LF	>10 To 12 SF Cross Section, Rework Existing Ductwork	142.94	
23 31	13 13-1169	LF	>12 To 14 SF Cross Section, Rework Existing Ductwork	160.80	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 16 Round and Flat-Oval Spiral Ducts (23 31 13)

23 31 13 16-0001	Factory Fabricated Field Installed Low Pressure Round Duct (23 31 13 16) Note: Based on 26 gauge.		
23 31 13 16-0002	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Ducts (23 31 13 16-0001) Note: Includes straps and supports.		
23 31 13 16-0003	LF 4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	5.52	1.98
	For 28 Gauge, Deduct	-0.20	
	For 24 Gauge, Add	0.20	
	For 22 Gauge, Add	0.40	
	For 20 Gauge, Add	0.60	
	For 18 Gauge, Add	0.80	
	For 16 Gauge, Add	0.99	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.08	
	For Acid Resistant Asphaltum Coating, Add	3.76	
	For Work In Restricted Working Space, Add	1.22	
23 31 13 16-0004	LF 5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	6.38	2.25
	For 28 Gauge, Deduct	-0.26	
	For 24 Gauge, Add	0.26	
	For 22 Gauge, Add	0.52	
	For 20 Gauge, Add	0.77	
	For 18 Gauge, Add	1.03	
	For 16 Gauge, Add	1.26	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.38	
	For Acid Resistant Asphaltum Coating, Add	4.20	
	For Work In Restricted Working Space, Add	1.35	
23 31 13 16-0005	LF 6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	7.21	2.71
	For 28 Gauge, Deduct	-0.30	
	For 24 Gauge, Add	0.30	
	For 22 Gauge, Add	0.59	
	For 20 Gauge, Add	0.89	
	For 18 Gauge, Add	1.18	
	For 16 Gauge, Add	1.44	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.58	
	For Acid Resistant Asphaltum Coating, Add	4.64	
	For Work In Restricted Working Space, Add	1.52	
23 31 13 16-0006	LF 7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	8.32	3.15
	For 28 Gauge, Deduct	-0.35	
	For 24 Gauge, Add	0.35	
	For 22 Gauge, Add	0.69	
	For 20 Gauge, Add	1.04	
	For 18 Gauge, Add	1.39	
	For 16 Gauge, Add	1.70	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.86	
	For Acid Resistant Asphaltum Coating, Add	5.08	
	For Work In Restricted Working Space, Add	1.74	
23 31 13 16-0007	LF 8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	9.57	3.60
	For 28 Gauge, Deduct	-0.39	
	For 24 Gauge, Add	0.39	
	For 22 Gauge, Add	0.77	
	For 20 Gauge, Add	1.16	
	For 18 Gauge, Add	1.55	
	For 16 Gauge, Add	1.90	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.08	
	For Acid Resistant Asphaltum Coating, Add	5.52	
	For Work In Restricted Working Space, Add	2.03	
23 31 13 16-0008	LF 10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	11.57	4.51
	For 28 Gauge, Deduct	-0.48	
	For 24 Gauge, Add	0.48	
	For 22 Gauge, Add	0.95	
	For 20 Gauge, Add	1.43	
	For 18 Gauge, Add	1.90	
	For 16 Gauge, Add	2.34	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.56	
	For Acid Resistant Asphaltum Coating, Add	6.40	
	For Work In Restricted Working Space, Add	2.43	
23 31 13 16-0009	LF 12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	14.38	6.04
	For 28 Gauge, Deduct	-0.59	
	For 24 Gauge, Add	0.59	
	For 22 Gauge, Add	1.17	
	For 20 Gauge, Add	1.76	
	For 18 Gauge, Add	2.34	
	For 16 Gauge, Add	2.87	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.15	
	For Acid Resistant Asphaltum Coating, Add	6.90	
	For Work In Restricted Working Space, Add	3.04	
23 31 13 16-0010	LF 14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	17.61	9.01
	For 28 Gauge, Deduct	-0.68	
	For 24 Gauge, Add	0.68	
	For 22 Gauge, Add	1.36	
	For 20 Gauge, Add	2.05	
	For 18 Gauge, Add	2.72	
	For 16 Gauge, Add	3.33	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.66	
	For Acid Resistant Asphaltum Coating, Add	7.26	
	For Work In Restricted Working Space, Add	3.80	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0011	LF 16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Duct	24.22	12.08
	<i>For 28 Gauge, Deduct</i>	-1.01	
	<i>For 24 Gauge, Add</i>	1.01	
	<i>For 22 Gauge, Add</i>	2.02	
	<i>For 20 Gauge, Add</i>	3.03	
	<i>For 18 Gauge, Add</i>	4.03	
	<i>For 16 Gauge, Add</i>	4.94	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.42	
	<i>For Acid Resistant Asphaltum Coating, Add</i>	7.58	
	<i>For Work In Restricted Working Space, Add</i>	5.07	
23 31 13 16-0012	26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbows <small>(23 31 13 16-0001)</small>		
	Note: Up to 90 degree.		
23 31 13 16-0013	EA 4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	30.96	12.03
	<i>For 28 Gauge, Deduct</i>	-0.96	
	<i>For 24 Gauge, Add</i>	0.95	
	<i>For 22 Gauge, Add</i>	1.90	
	<i>For 20 Gauge, Add</i>	2.86	
	<i>For 18 Gauge, Add</i>	3.80	
	<i>For 16 Gauge, Add</i>	4.66	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.11	
	<i>For Work In Restricted Working Space, Add</i>	7.22	
23 31 13 16-0014	EA 5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	35.27	13.88
	<i>For 28 Gauge, Deduct</i>	-1.04	
	<i>For 24 Gauge, Add</i>	1.04	
	<i>For 22 Gauge, Add</i>	2.07	
	<i>For 20 Gauge, Add</i>	3.11	
	<i>For 18 Gauge, Add</i>	4.13	
	<i>For 16 Gauge, Add</i>	5.07	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.56	
	<i>For Work In Restricted Working Space, Add</i>	8.33	
23 31 13 16-0015	EA 6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	41.24	16.40
	<i>For 28 Gauge, Deduct</i>	-1.17	
	<i>For 24 Gauge, Add</i>	1.16	
	<i>For 22 Gauge, Add</i>	2.33	
	<i>For 20 Gauge, Add</i>	3.49	
	<i>For 18 Gauge, Add</i>	4.64	
	<i>For 16 Gauge, Add</i>	5.70	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.25	
	<i>For Work In Restricted Working Space, Add</i>	9.84	
23 31 13 16-0016	EA 7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	52.54	21.08
	<i>For 28 Gauge, Deduct</i>	-1.44	
	<i>For 24 Gauge, Add</i>	1.43	
	<i>For 22 Gauge, Add</i>	2.86	
	<i>For 20 Gauge, Add</i>	4.29	
	<i>For 18 Gauge, Add</i>	5.70	
	<i>For 16 Gauge, Add</i>	7.00	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.67	
	<i>For Work In Restricted Working Space, Add</i>	12.65	
23 31 13 16-0017	EA 8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	62.58	25.68
	<i>For 28 Gauge, Deduct</i>	-1.55	
	<i>For 24 Gauge, Add</i>	1.55	
	<i>For 22 Gauge, Add</i>	3.09	
	<i>For 20 Gauge, Add</i>	4.64	
	<i>For 18 Gauge, Add</i>	6.17	
	<i>For 16 Gauge, Add</i>	7.57	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.30	
	<i>For Work In Restricted Working Space, Add</i>	15.41	
23 31 13 16-0018	EA 10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	94.99	40.11
	<i>For 28 Gauge, Deduct</i>	-2.05	
	<i>For 24 Gauge, Add</i>	2.04	
	<i>For 22 Gauge, Add</i>	4.07	
	<i>For 20 Gauge, Add</i>	6.12	
	<i>For 18 Gauge, Add</i>	8.13	
	<i>For 16 Gauge, Add</i>	9.98	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	10.94	
	<i>For Work In Restricted Working Space, Add</i>	24.06	
23 31 13 16-0019	EA 12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow	130.88	55.42
	<i>For 28 Gauge, Deduct</i>	-2.78	
	<i>For 24 Gauge, Add</i>	2.77	
	<i>For 22 Gauge, Add</i>	5.52	
	<i>For 20 Gauge, Add</i>	8.30	
	<i>For 18 Gauge, Add</i>	11.02	
	<i>For 16 Gauge, Add</i>	13.53	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	14.83	
	<i>For Work In Restricted Working Space, Add</i>	33.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0020	EA		14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	161.83	65.56
			<i>For 28 Gauge, Deduct</i>	-4.25	
			<i>For 24 Gauge, Add</i>	4.24	
			<i>For 22 Gauge, Add</i>	8.46	
			<i>For 20 Gauge, Add</i>	12.72	
			<i>For 18 Gauge, Add</i>	16.90	
			<i>For 16 Gauge, Add</i>	20.74	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.73	
			<i>For Work In Restricted Working Space, Add</i>	39.33	
23 31 13 16-0021	EA		16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Adjustable Elbow.....	188.20	72.09
			<i>For 28 Gauge, Deduct</i>	-6.10	
			<i>For 24 Gauge, Add</i>	6.07	
			<i>For 22 Gauge, Add</i>	12.13	
			<i>For 20 Gauge, Add</i>	18.22	
			<i>For 18 Gauge, Add</i>	24.21	
			<i>For 16 Gauge, Add</i>	29.71	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.57	
			<i>For Work In Restricted Working Space, Add</i>	43.25	
23 31 13 16-0022			26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbows <small>(23 31 13 16-0001)</small>		
23 31 13 16-0023	EA		4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	26.08	8.11
			<i>For 28 Gauge, Deduct</i>	-0.80	
			<i>For 24 Gauge, Add</i>	0.80	
			<i>For 22 Gauge, Add</i>	1.60	
			<i>For 20 Gauge, Add</i>	2.40	
			<i>For 18 Gauge, Add</i>	3.19	
			<i>For 16 Gauge, Add</i>	3.92	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.29	
			<i>For Work In Restricted Working Space, Add</i>	6.08	
23 31 13 16-0024	EA		5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	29.78	9.28
			<i>For 28 Gauge, Deduct</i>	-0.92	
			<i>For 24 Gauge, Add</i>	0.91	
			<i>For 22 Gauge, Add</i>	1.82	
			<i>For 20 Gauge, Add</i>	2.74	
			<i>For 18 Gauge, Add</i>	3.64	
			<i>For 16 Gauge, Add</i>	4.46	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.69	
			<i>For Work In Restricted Working Space, Add</i>	6.95	
23 31 13 16-0025	EA		6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	34.56	10.81
			<i>For 28 Gauge, Deduct</i>	-1.04	
			<i>For 24 Gauge, Add</i>	1.04	
			<i>For 22 Gauge, Add</i>	2.07	
			<i>For 20 Gauge, Add</i>	3.12	
			<i>For 18 Gauge, Add</i>	4.14	
			<i>For 16 Gauge, Add</i>	5.08	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.57	
			<i>For Work In Restricted Working Space, Add</i>	8.11	
23 31 13 16-0026	EA		7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	40.41	12.97
			<i>For 28 Gauge, Deduct</i>	-1.10	
			<i>For 24 Gauge, Add</i>	1.10	
			<i>For 22 Gauge, Add</i>	2.20	
			<i>For 20 Gauge, Add</i>	3.30	
			<i>For 18 Gauge, Add</i>	4.38	
			<i>For 16 Gauge, Add</i>	5.38	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.90	
			<i>For Work In Restricted Working Space, Add</i>	9.73	
23 31 13 16-0027	EA		8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	49.81	16.22
			<i>For 28 Gauge, Deduct</i>	-1.28	
			<i>For 24 Gauge, Add</i>	1.28	
			<i>For 22 Gauge, Add</i>	2.55	
			<i>For 20 Gauge, Add</i>	3.83	
			<i>For 18 Gauge, Add</i>	5.09	
			<i>For 16 Gauge, Add</i>	6.25	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.85	
			<i>For Work In Restricted Working Space, Add</i>	12.17	
23 31 13 16-0028	EA		10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow.....	67.28	21.63
			<i>For 28 Gauge, Deduct</i>	-1.83	
			<i>For 24 Gauge, Add</i>	1.82	
			<i>For 22 Gauge, Add</i>	3.64	
			<i>For 20 Gauge, Add</i>	5.47	
			<i>For 18 Gauge, Add</i>	7.27	
			<i>For 16 Gauge, Add</i>	8.92	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.78	
			<i>For Work In Restricted Working Space, Add</i>	16.22	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 16-0029	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	98.61	32.44
		<i>For 28 Gauge, Deduct</i>	-2.42	
		<i>For 24 Gauge, Add</i>	2.42	
		<i>For 22 Gauge, Add</i>	4.82	
		<i>For 20 Gauge, Add</i>	7.25	
		<i>For 18 Gauge, Add</i>	9.63	
		<i>For 16 Gauge, Add</i>	11.81	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	12.95	
		<i>For Work In Restricted Working Space, Add</i>	24.33	
23 31 13 16-0030	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	136.38	41.45
		<i>For 28 Gauge, Deduct</i>	-4.54	
		<i>For 24 Gauge, Add</i>	4.52	
		<i>For 22 Gauge, Add</i>	9.02	
		<i>For 20 Gauge, Add</i>	13.56	
		<i>For 18 Gauge, Add</i>	18.01	
		<i>For 16 Gauge, Add</i>	22.11	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.24	
		<i>For Work In Restricted Working Space, Add</i>	31.09	
23 31 13 16-0031	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 90 Degree Elbow	170.75	52.26
		<i>For 28 Gauge, Deduct</i>	-5.55	
		<i>For 24 Gauge, Add</i>	5.53	
		<i>For 22 Gauge, Add</i>	11.04	
		<i>For 20 Gauge, Add</i>	16.59	
		<i>For 18 Gauge, Add</i>	22.04	
		<i>For 16 Gauge, Add</i>	27.05	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	29.66	
		<i>For Work In Restricted Working Space, Add</i>	39.20	
23 31 13 16-0032		26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbows <small>(23 31 13 16-0001)</small>		
23 31 13 16-0033	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	23.92	8.11
		<i>For 28 Gauge, Deduct</i>	-0.50	
		<i>For 24 Gauge, Add</i>	0.50	
		<i>For 22 Gauge, Add</i>	1.00	
		<i>For 20 Gauge, Add</i>	1.51	
		<i>For 18 Gauge, Add</i>	2.00	
		<i>For 16 Gauge, Add</i>	2.46	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.69	
		<i>For Work In Restricted Working Space, Add</i>	6.08	
23 31 13 16-0034	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	27.85	9.28
		<i>For 28 Gauge, Deduct</i>	-0.65	
		<i>For 24 Gauge, Add</i>	0.65	
		<i>For 22 Gauge, Add</i>	1.29	
		<i>For 20 Gauge, Add</i>	1.94	
		<i>For 18 Gauge, Add</i>	2.57	
		<i>For 16 Gauge, Add</i>	3.16	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.46	
		<i>For Work In Restricted Working Space, Add</i>	6.95	
23 31 13 16-0035	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	32.14	10.81
		<i>For 28 Gauge, Deduct</i>	-0.71	
		<i>For 24 Gauge, Add</i>	0.71	
		<i>For 22 Gauge, Add</i>	1.41	
		<i>For 20 Gauge, Add</i>	2.12	
		<i>For 18 Gauge, Add</i>	2.81	
		<i>For 16 Gauge, Add</i>	3.45	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.78	
		<i>For Work In Restricted Working Space, Add</i>	8.11	
23 31 13 16-0036	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	38.36	12.97
		<i>For 28 Gauge, Deduct</i>	-0.82	
		<i>For 24 Gauge, Add</i>	0.82	
		<i>For 22 Gauge, Add</i>	1.63	
		<i>For 20 Gauge, Add</i>	2.45	
		<i>For 18 Gauge, Add</i>	3.26	
		<i>For 16 Gauge, Add</i>	4.00	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.38	
		<i>For Work In Restricted Working Space, Add</i>	9.73	
23 31 13 16-0037	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow	47.28	16.22
		<i>For 28 Gauge, Deduct</i>	-0.93	
		<i>For 24 Gauge, Add</i>	0.93	
		<i>For 22 Gauge, Add</i>	1.85	
		<i>For 20 Gauge, Add</i>	2.79	
		<i>For 18 Gauge, Add</i>	3.70	
		<i>For 16 Gauge, Add</i>	4.54	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.98	
		<i>For Work In Restricted Working Space, Add</i>	12.17	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 31 13 16-0038	EA	10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	64.33	21.63
		For 28 Gauge, Deduct	-1.42	
		For 24 Gauge, Add	1.42	
		For 22 Gauge, Add	2.83	
		For 20 Gauge, Add	4.25	
		For 18 Gauge, Add	5.65	
		For 16 Gauge, Add	6.93	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.60	
		For Work In Restricted Working Space, Add	16.22	
23 31 13 16-0039	EA	12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	94.33	32.44
		For 28 Gauge, Deduct	-1.83	
		For 24 Gauge, Add	1.82	
		For 22 Gauge, Add	3.64	
		For 20 Gauge, Add	5.47	
		For 18 Gauge, Add	7.27	
		For 16 Gauge, Add	8.92	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.78	
		For Work In Restricted Working Space, Add	24.33	
23 31 13 16-0040	EA	14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	126.52	41.45
		For 28 Gauge, Deduct	-3.17	
		For 24 Gauge, Add	3.16	
		For 22 Gauge, Add	6.31	
		For 20 Gauge, Add	9.48	
		For 18 Gauge, Add	12.59	
		For 16 Gauge, Add	15.45	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.94	
		For Work In Restricted Working Space, Add	31.09	
23 31 13 16-0041	EA	16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round 45 Degree Elbow.....	168.20	52.26
		For 28 Gauge, Deduct	-5.20	
		For 24 Gauge, Add	5.18	
		For 22 Gauge, Add	10.34	
		For 20 Gauge, Add	15.54	
		For 18 Gauge, Add	20.64	
		For 16 Gauge, Add	25.33	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.77	
		For Work In Restricted Working Space, Add	39.20	
23 31 13 16-0042		26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tees <small>(23 31 13 16-0001)</small>		
23 31 13 16-0043	EA	4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	38.53	12.17
		For 28 Gauge, Deduct	-1.12	
		For 24 Gauge, Add	1.12	
		For 22 Gauge, Add	2.24	
		For 20 Gauge, Add	3.36	
		For 18 Gauge, Add	4.47	
		For 16 Gauge, Add	5.48	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.01	
		For Work In Restricted Working Space, Add	9.12	
23 31 13 16-0044	EA	5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	45.54	13.88
		For 28 Gauge, Deduct	-1.49	
		For 24 Gauge, Add	1.49	
		For 22 Gauge, Add	2.97	
		For 20 Gauge, Add	4.46	
		For 18 Gauge, Add	5.93	
		For 16 Gauge, Add	7.28	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.98	
		For Work In Restricted Working Space, Add	10.43	
23 31 13 16-0045	EA	6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	52.25	16.22
		For 28 Gauge, Deduct	-1.62	
		For 24 Gauge, Add	1.61	
		For 22 Gauge, Add	3.22	
		For 20 Gauge, Add	4.84	
		For 18 Gauge, Add	6.44	
		For 16 Gauge, Add	7.90	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.66	
		For Work In Restricted Working Space, Add	12.17	
23 31 13 16-0046	EA	7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	62.13	19.46
		For 28 Gauge, Deduct	-1.87	
		For 24 Gauge, Add	1.86	
		For 22 Gauge, Add	3.71	
		For 20 Gauge, Add	5.58	
		For 18 Gauge, Add	7.41	
		For 16 Gauge, Add	9.09	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.97	
		For Work In Restricted Working Space, Add	14.60	
23 31 13 16-0047	EA	8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	82.61	24.33
		For 28 Gauge, Deduct	-3.02	
		For 24 Gauge, Add	3.00	
		For 22 Gauge, Add	6.00	
		For 20 Gauge, Add	9.01	
		For 18 Gauge, Add	11.97	
		For 16 Gauge, Add	14.69	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.11	
		For Work In Restricted Working Space, Add	18.25	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 16-0048	EA 10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	108.88	32.44
	<i>For 28 Gauge, Deduct</i>	-3.85	
	<i>For 24 Gauge, Add</i>	3.83	
	<i>For 22 Gauge, Add</i>	7.65	
	<i>For 20 Gauge, Add</i>	11.50	
	<i>For 18 Gauge, Add</i>	15.27	
	<i>For 16 Gauge, Add</i>	18.74	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.55	
	<i>For Work In Restricted Working Space, Add</i>	24.33	
23 31 13 16-0049	EA 12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	149.40	48.66
	<i>For 28 Gauge, Deduct</i>	-3.85	
	<i>For 24 Gauge, Add</i>	3.83	
	<i>For 22 Gauge, Add</i>	7.65	
	<i>For 20 Gauge, Add</i>	11.50	
	<i>For 18 Gauge, Add</i>	15.27	
	<i>For 16 Gauge, Add</i>	18.74	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.55	
	<i>For Work In Restricted Working Space, Add</i>	36.49	
23 31 13 16-0050	EA 14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	208.26	61.99
	<i>For 28 Gauge, Deduct</i>	-7.33	
	<i>For 24 Gauge, Add</i>	7.30	
	<i>For 22 Gauge, Add</i>	14.57	
	<i>For 20 Gauge, Add</i>	21.90	
	<i>For 18 Gauge, Add</i>	29.09	
	<i>For 16 Gauge, Add</i>	35.70	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	39.14	
	<i>For Work In Restricted Working Space, Add</i>	46.61	
23 31 13 16-0051	EA 16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Tee.....	270.15	78.58
	<i>For 28 Gauge, Deduct</i>	-10.28	
	<i>For 24 Gauge, Add</i>	10.25	
	<i>For 22 Gauge, Add</i>	20.46	
	<i>For 20 Gauge, Add</i>	30.74	
	<i>For 18 Gauge, Add</i>	40.84	
	<i>For 16 Gauge, Add</i>	50.12	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.95	
	<i>For Work In Restricted Working Space, Add</i>	58.77	

23 31 13 16-0052 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connectors

(23 31 13 16-0001)

23 31 13 16-0053	EA 4", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	17.15	
	<i>For Work In Restricted Working Space, Add</i>	4.33	
23 31 13 16-0054	EA 5", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	18.09	
	<i>For Work In Restricted Working Space, Add</i>	4.55	
23 31 13 16-0055	EA 6", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	19.37	
	<i>For Work In Restricted Working Space, Add</i>	4.87	
23 31 13 16-0056	EA 7", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	20.72	
	<i>For Work In Restricted Working Space, Add</i>	5.14	
23 31 13 16-0057	EA 8", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	22.55	
	<i>For Work In Restricted Working Space, Add</i>	5.54	
23 31 13 16-0058	EA 10", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	27.05	
	<i>For Work In Restricted Working Space, Add</i>	6.19	
23 31 13 16-0059	EA 12", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	36.56	
	<i>For Work In Restricted Working Space, Add</i>	8.65	
23 31 13 16-0060	EA 14", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	41.80	
	<i>For Work In Restricted Working Space, Add</i>	9.84	
23 31 13 16-0061	EA 16", 26 Gauge, Factory Fabricated, Field Installed, Low Pressure, Galvanized Sheet Metal Round Connector	46.03	
	<i>For Work In Restricted Working Space, Add</i>	10.79	

23 31 13 16-0062 26 Gauge, Slip Joint, Galvanized, Spiral Duct And Fittings

(23 31 13 16)

23 31 13 16-0063 26 Gauge, Slip Joint, Galvanized, Spiral Duct

(23 31 13 16-0062)

23 31 13 16-0064	LF 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	5.94	0.83
	<i>For 24 Gauge, Add</i>	0.30	
	<i>For 22 Gauge, Add</i>	0.69	
	<i>For 20 Gauge, Add</i>	1.12	
	<i>For 18 Gauge, Add</i>	1.71	
	<i>For 16 Gauge, Add</i>	2.09	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	1.10	
	<i>For Work In Restricted Working Space, Add</i>	1.34	
23 31 13 16-0065	LF 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	7.49	1.66
	<i>For 24 Gauge, Add</i>	0.43	
	<i>For 22 Gauge, Add</i>	0.99	
	<i>For 20 Gauge, Add</i>	1.61	
	<i>For 18 Gauge, Add</i>	2.47	
	<i>For 16 Gauge, Add</i>	3.01	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	1.59	
	<i>For Work In Restricted Working Space, Add</i>	1.60	
23 31 13 16-0066	LF 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct	9.46	1.66
	<i>For 24 Gauge, Add</i>	0.57	
	<i>For 22 Gauge, Add</i>	1.31	
	<i>For 20 Gauge, Add</i>	2.13	
	<i>For 18 Gauge, Add</i>	3.27	
	<i>For 16 Gauge, Add</i>	3.98	
	<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.10	
	<i>For Work In Restricted Working Space, Add</i>	1.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0067	LF	10"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	11.45	1.66
			For 24 Gauge, Add	0.70	
			For 22 Gauge, Add	1.61	
			For 20 Gauge, Add	2.63	
			For 18 Gauge, Add	4.03	
			For 16 Gauge, Add	4.90	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.59	
			For Work In Restricted Working Space, Add	2.39	
23 31 13 16-0068	LF	12"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	14.26	2.49
			For 24 Gauge, Add	0.86	
			For 22 Gauge, Add	1.98	
			For 20 Gauge, Add	3.23	
			For 18 Gauge, Add	4.95	
			For 16 Gauge, Add	6.02	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.18	
			For Work In Restricted Working Space, Add	2.99	
23 31 13 16-0069	LF	14"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	17.44	2.49
			For 24 Gauge, Add	1.00	
			For 22 Gauge, Add	2.30	
			For 20 Gauge, Add	3.74	
			For 18 Gauge, Add	5.74	
			For 16 Gauge, Add	6.99	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.69	
			For Work In Restricted Working Space, Add	3.74	
23 31 13 16-0070	LF	16"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	23.82	2.49
			For 24 Gauge, Add	1.45	
			For 22 Gauge, Add	3.33	
			For 20 Gauge, Add	5.43	
			For 18 Gauge, Add	8.33	
			For 16 Gauge, Add	10.14	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.36	
			For Work In Restricted Working Space, Add	4.97	
23 31 13 16-0071	LF	18"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	27.35	3.32
			For 24 Gauge, Add	1.61	
			For 22 Gauge, Add	3.69	
			For 20 Gauge, Add	6.02	
			For 18 Gauge, Add	9.23	
			For 16 Gauge, Add	11.24	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.94	
			For Work In Restricted Working Space, Add	5.80	
23 31 13 16-0072	LF	20"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	30.90	3.32
			For 24 Gauge, Add	1.79	
			For 22 Gauge, Add	4.12	
			For 20 Gauge, Add	6.72	
			For 18 Gauge, Add	10.30	
			For 16 Gauge, Add	12.54	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.63	
			For Work In Restricted Working Space, Add	6.58	
23 31 13 16-0073	LF	22"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	34.62	4.15
			For 24 Gauge, Add	1.98	
			For 22 Gauge, Add	4.55	
			For 20 Gauge, Add	7.43	
			For 18 Gauge, Add	11.39	
			For 16 Gauge, Add	13.86	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.33	
			For Work In Restricted Working Space, Add	7.42	
23 31 13 16-0074	LF	24"	26 Gauge, Slip Joint, Galvanized, Spiral Duct.....	38.42	4.98
			For 24 Gauge, Add	2.15	
			For 22 Gauge, Add	4.95	
			For 20 Gauge, Add	8.07	
			For 18 Gauge, Add	12.37	
			For 16 Gauge, Add	15.06	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.96	
			For Work In Restricted Working Space, Add	8.30	
23 31 13 16-0075			26 Gauge, Slip Joint, Galvanized, Spiral 90 Degree Elbows <small>(23 31 13 16-0062)</small>		
23 31 13 16-0076	EA	4"	26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	58.03	11.62
			For 24 Gauge, Add	2.64	
			For 22 Gauge, Add	6.06	
			For 20 Gauge, Add	9.89	
			For 18 Gauge, Add	15.16	
			For 16 Gauge, Add	18.45	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.75	
			For Work In Restricted Working Space, Add	13.46	
23 31 13 16-0077	EA	6"	26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	85.11	16.60
			For 24 Gauge, Add	3.74	
			For 22 Gauge, Add	8.61	
			For 20 Gauge, Add	14.04	
			For 18 Gauge, Add	21.53	
			For 16 Gauge, Add	26.21	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	13.85	
			For Work In Restricted Working Space, Add	19.92	
23 31 13 16-0078	EA	8"	26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	123.05	21.57
			For 24 Gauge, Add	7.14	
			For 22 Gauge, Add	16.42	
			For 20 Gauge, Add	26.78	
			For 18 Gauge, Add	41.06	
			For 16 Gauge, Add	49.98	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.42	
			For Work In Restricted Working Space, Add	26.21	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0079	EA 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	152.67	27.38
	For 24 Gauge, Add	8.41	
	For 22 Gauge, Add	19.33	
	For 20 Gauge, Add	31.52	
	For 18 Gauge, Add	48.33	
	For 16 Gauge, Add	58.84	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.10	
	For Work In Restricted Working Space, Add	33.19	
23 31 13 16-0080	EA 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	187.66	34.85
	For 24 Gauge, Add	9.87	
	For 22 Gauge, Add	22.70	
	For 20 Gauge, Add	37.01	
	For 18 Gauge, Add	56.75	
	For 16 Gauge, Add	69.09	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	36.52	
	For Work In Restricted Working Space, Add	41.49	
23 31 13 16-0081	EA 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	205.82	38.18
	For 24 Gauge, Add	10.99	
	For 22 Gauge, Add	25.27	
	For 20 Gauge, Add	41.21	
	For 18 Gauge, Add	63.18	
	For 16 Gauge, Add	76.92	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.66	
	For Work In Restricted Working Space, Add	45.26	
23 31 13 16-0082	EA 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	242.75	44.81
	For 24 Gauge, Add	12.86	
	For 22 Gauge, Add	29.57	
	For 20 Gauge, Add	48.22	
	For 18 Gauge, Add	73.93	
	For 16 Gauge, Add	90.01	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	47.57	
	For Work In Restricted Working Space, Add	53.54	
23 31 13 16-0083	EA 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	295.26	55.60
	For 24 Gauge, Add	14.80	
	For 22 Gauge, Add	34.03	
	For 20 Gauge, Add	55.49	
	For 18 Gauge, Add	85.08	
	For 16 Gauge, Add	103.57	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	54.75	
	For Work In Restricted Working Space, Add	66.38	
23 31 13 16-0084	EA 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	355.02	67.21
	For 24 Gauge, Add	17.47	
	For 22 Gauge, Add	40.17	
	For 20 Gauge, Add	65.50	
	For 18 Gauge, Add	100.43	
	For 16 Gauge, Add	122.26	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	64.62	
	For Work In Restricted Working Space, Add	80.31	
23 31 13 16-0085	EA 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	412.25	78.00
	For 24 Gauge, Add	19.82	
	For 22 Gauge, Add	45.59	
	For 20 Gauge, Add	74.33	
	For 18 Gauge, Add	113.98	
	For 16 Gauge, Add	138.75	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	73.34	
	For Work In Restricted Working Space, Add	93.94	
23 31 13 16-0086	EA 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	475.43	88.80
	For 24 Gauge, Add	24.46	
	For 22 Gauge, Add	56.26	
	For 20 Gauge, Add	91.73	
	For 18 Gauge, Add	140.66	
	For 16 Gauge, Add	171.23	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	90.51	
	For Work In Restricted Working Space, Add	105.94	
23 31 13 16-0087	26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows <small>(23 31 13 16-0062)</small>		
23 31 13 16-0088	EA 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	58.65	11.62
	For 24 Gauge, Add	2.76	
	For 22 Gauge, Add	6.35	
	For 20 Gauge, Add	10.35	
	For 18 Gauge, Add	15.87	
	For 16 Gauge, Add	19.32	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.21	
	For Work In Restricted Working Space, Add	13.46	
23 31 13 16-0089	EA 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	81.90	16.60
	For 24 Gauge, Add	3.10	
	For 22 Gauge, Add	7.13	
	For 20 Gauge, Add	11.63	
	For 18 Gauge, Add	17.84	
	For 16 Gauge, Add	21.71	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.48	
	For Work In Restricted Working Space, Add	19.92	
23 31 13 16-0090	EA 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	108.14	21.57
	For 24 Gauge, Add	4.16	
	For 22 Gauge, Add	9.56	
	For 20 Gauge, Add	15.59	
	For 18 Gauge, Add	23.91	
	For 16 Gauge, Add	29.11	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.38	
	For Work In Restricted Working Space, Add	26.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0091	EA		10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	136.63	27.38
			<i>For 24 Gauge, Add</i>	5.20	
			<i>For 22 Gauge, Add</i>	11.96	
			<i>For 20 Gauge, Add</i>	19.49	
			<i>For 18 Gauge, Add</i>	29.89	
			<i>For 16 Gauge, Add</i>	36.39	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.23	
			<i>For Work In Restricted Working Space, Add</i>	33.19	
23 31 13 16-0092	EA		12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	168.52	34.85
			<i>For 24 Gauge, Add</i>	6.04	
			<i>For 22 Gauge, Add</i>	13.90	
			<i>For 20 Gauge, Add</i>	22.66	
			<i>For 18 Gauge, Add</i>	34.74	
			<i>For 16 Gauge, Add</i>	42.29	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.36	
			<i>For Work In Restricted Working Space, Add</i>	41.49	
23 31 13 16-0093	EA		14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	184.46	38.18
			<i>For 24 Gauge, Add</i>	6.72	
			<i>For 22 Gauge, Add</i>	15.45	
			<i>For 20 Gauge, Add</i>	25.19	
			<i>For 18 Gauge, Add</i>	38.62	
			<i>For 16 Gauge, Add</i>	47.01	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.85	
			<i>For Work In Restricted Working Space, Add</i>	45.26	
23 31 13 16-0094	EA		16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	233.51	44.81
			<i>For 24 Gauge, Add</i>	11.01	
			<i>For 22 Gauge, Add</i>	25.32	
			<i>For 20 Gauge, Add</i>	41.29	
			<i>For 18 Gauge, Add</i>	63.31	
			<i>For 16 Gauge, Add</i>	77.07	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	40.74	
			<i>For Work In Restricted Working Space, Add</i>	53.54	
23 31 13 16-0095	EA		18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	288.71	55.60
			<i>For 24 Gauge, Add</i>	13.49	
			<i>For 22 Gauge, Add</i>	31.02	
			<i>For 20 Gauge, Add</i>	50.57	
			<i>For 18 Gauge, Add</i>	77.54	
			<i>For 16 Gauge, Add</i>	94.40	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	49.90	
			<i>For Work In Restricted Working Space, Add</i>	66.38	
23 31 13 16-0096	EA		20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	353.01	67.21
			<i>For 24 Gauge, Add</i>	17.06	
			<i>For 22 Gauge, Add</i>	39.25	
			<i>For 20 Gauge, Add</i>	63.99	
			<i>For 18 Gauge, Add</i>	98.12	
			<i>For 16 Gauge, Add</i>	119.45	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	63.14	
			<i>For Work In Restricted Working Space, Add</i>	80.31	
23 31 13 16-0097	EA		22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	389.52	78.00
			<i>For 24 Gauge, Add</i>	15.28	
			<i>For 22 Gauge, Add</i>	35.13	
			<i>For 20 Gauge, Add</i>	57.29	
			<i>For 18 Gauge, Add</i>	87.84	
			<i>For 16 Gauge, Add</i>	106.93	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	56.52	
			<i>For Work In Restricted Working Space, Add</i>	93.94	
23 31 13 16-0098	EA		24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	467.34	88.80
			<i>For 24 Gauge, Add</i>	22.84	
			<i>For 22 Gauge, Add</i>	52.54	
			<i>For 20 Gauge, Add</i>	85.67	
			<i>For 18 Gauge, Add</i>	131.35	
			<i>For 16 Gauge, Add</i>	159.91	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	84.52	
			<i>For Work In Restricted Working Space, Add</i>	105.94	
23 31 13 16-0099			26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals		
			<small>(23 31 13 16-0062)</small>		
23 31 13 16-0100	EA		6" x 6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	117.02	21.57
			<i>For 24 Gauge, Add</i>	5.93	
			<i>For 22 Gauge, Add</i>	13.65	
			<i>For 20 Gauge, Add</i>	22.25	
			<i>For 18 Gauge, Add</i>	34.12	
			<i>For 16 Gauge, Add</i>	41.54	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.96	
			<i>For Work In Restricted Working Space, Add</i>	26.21	
23 31 13 16-0101	EA		8" x 8" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	169.41	34.85
			<i>For 24 Gauge, Add</i>	6.22	
			<i>For 22 Gauge, Add</i>	14.31	
			<i>For 20 Gauge, Add</i>	23.33	
			<i>For 18 Gauge, Add</i>	35.77	
			<i>For 16 Gauge, Add</i>	43.54	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	23.01	
			<i>For Work In Restricted Working Space, Add</i>	41.49	
23 31 13 16-0102	EA		10" x 10" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	212.61	44.81
			<i>For 24 Gauge, Add</i>	6.83	
			<i>For 22 Gauge, Add</i>	15.71	
			<i>For 20 Gauge, Add</i>	25.61	
			<i>For 18 Gauge, Add</i>	39.27	
			<i>For 16 Gauge, Add</i>	47.81	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.27	
			<i>For Work In Restricted Working Space, Add</i>	53.54	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0103	EA		12" x 12" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	256.95	55.60
			For 24 Gauge, Add	7.13	
			For 22 Gauge, Add	16.41	
			For 20 Gauge, Add	26.75	
			For 18 Gauge, Add	41.02	
			For 16 Gauge, Add	49.94	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.40	
			For Work In Restricted Working Space, Add	66.38	
23 31 13 16-0104	EA		14" x 14" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	304.53	67.21
			For 24 Gauge, Add	7.37	
			For 22 Gauge, Add	16.95	
			For 20 Gauge, Add	27.63	
			For 18 Gauge, Add	42.37	
			For 16 Gauge, Add	51.58	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.26	
			For Work In Restricted Working Space, Add	80.31	
23 31 13 16-0105	EA		16" x 16" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	353.21	78.00
			For 24 Gauge, Add	8.01	
			For 22 Gauge, Add	18.43	
			For 20 Gauge, Add	30.05	
			For 18 Gauge, Add	46.08	
			For 16 Gauge, Add	56.10	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.65	
			For Work In Restricted Working Space, Add	93.94	
23 31 13 16-0106	EA		18" x 18" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	394.80	88.80
			For 24 Gauge, Add	8.34	
			For 22 Gauge, Add	19.17	
			For 20 Gauge, Add	31.26	
			For 18 Gauge, Add	47.93	
			For 16 Gauge, Add	58.35	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.84	
			For Work In Restricted Working Space, Add	105.94	
23 31 13 16-0107	EA		20" x 20" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	447.99	101.24
			For 24 Gauge, Add	8.64	
			For 22 Gauge, Add	19.87	
			For 20 Gauge, Add	32.40	
			For 18 Gauge, Add	49.68	
			For 16 Gauge, Add	60.48	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.97	
			For Work In Restricted Working Space, Add	121.44	
23 31 13 16-0108	EA		22" x 22" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	500.55	112.02
			For 24 Gauge, Add	10.40	
			For 22 Gauge, Add	23.92	
			For 20 Gauge, Add	38.99	
			For 18 Gauge, Add	59.79	
			For 16 Gauge, Add	72.79	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	38.47	
			For Work In Restricted Working Space, Add	134.57	
23 31 13 16-0109	EA		24" x 24" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	541.82	121.99
			For 24 Gauge, Add	10.74	
			For 22 Gauge, Add	24.70	
			For 20 Gauge, Add	40.27	
			For 18 Gauge, Add	61.74	
			For 16 Gauge, Add	75.17	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	39.73	
			For Work In Restricted Working Space, Add	146.44	
23 31 13 16-0110	EA		8" x 8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	176.57	37.59
			For 24 Gauge, Add	5.23	
			For 22 Gauge, Add	12.02	
			For 20 Gauge, Add	19.60	
			For 18 Gauge, Add	30.05	
			For 16 Gauge, Add	36.58	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.34	
			For Work In Restricted Working Space, Add	45.13	
23 31 13 16-0111	EA		10" x 10" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	213.86	45.22
			For 24 Gauge, Add	6.60	
			For 22 Gauge, Add	15.18	
			For 20 Gauge, Add	24.74	
			For 18 Gauge, Add	37.94	
			For 16 Gauge, Add	46.19	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.41	
			For Work In Restricted Working Space, Add	54.26	
23 31 13 16-0112	EA		12" x 12" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	259.81	54.94
			For 24 Gauge, Add	8.01	
			For 22 Gauge, Add	18.42	
			For 20 Gauge, Add	30.04	
			For 18 Gauge, Add	46.06	
			For 16 Gauge, Add	56.07	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.64	
			For Work In Restricted Working Space, Add	65.93	
23 31 13 16-0113	EA		14" x 14" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	309.29	65.31
			For 24 Gauge, Add	9.54	
			For 22 Gauge, Add	21.94	
			For 20 Gauge, Add	35.77	
			For 18 Gauge, Add	54.84	
			For 16 Gauge, Add	66.77	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	35.29	
			For Work In Restricted Working Space, Add	78.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0114	EA		16" x 16" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	390.97	83.98
			For 24 Gauge, Add	11.06	
			For 22 Gauge, Add	25.43	
			For 20 Gauge, Add	41.46	
			For 18 Gauge, Add	63.57	
			For 16 Gauge, Add	77.39	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.91	
			For Work In Restricted Working Space, Add	100.71	
23 31 13 16-0115	EA		18" x 18" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	434.40	93.18
			For 24 Gauge, Add	12.39	
			For 22 Gauge, Add	28.50	
			For 20 Gauge, Add	46.46	
			For 18 Gauge, Add	71.24	
			For 16 Gauge, Add	86.73	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	45.84	
			For Work In Restricted Working Space, Add	111.74	
23 31 13 16-0116	EA		20" x 20" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	493.89	106.05
			For 24 Gauge, Add	14.10	
			For 22 Gauge, Add	32.43	
			For 20 Gauge, Add	52.88	
			For 18 Gauge, Add	81.09	
			For 16 Gauge, Add	98.71	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	52.18	
			For Work In Restricted Working Space, Add	127.01	
23 31 13 16-0117	EA		22" x 22" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	530.56	113.11
			For 24 Gauge, Add	15.72	
			For 22 Gauge, Add	36.15	
			For 20 Gauge, Add	58.94	
			For 18 Gauge, Add	90.38	
			For 16 Gauge, Add	110.03	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	58.16	
			For Work In Restricted Working Space, Add	135.59	
23 31 13 16-0118	EA		24" x 24" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	575.60	122.65
			For 24 Gauge, Add	17.03	
			For 22 Gauge, Add	39.17	
			For 20 Gauge, Add	63.87	
			For 18 Gauge, Add	97.93	
			For 16 Gauge, Add	119.22	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	63.02	
			For Work In Restricted Working Space, Add	147.13	
23 31 13 16-0119	EA		10" x 10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	233.65	49.79
			For 24 Gauge, Add	6.95	
			For 22 Gauge, Add	15.99	
			For 20 Gauge, Add	26.06	
			For 18 Gauge, Add	39.96	
			For 16 Gauge, Add	48.65	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.72	
			For Work In Restricted Working Space, Add	59.67	
23 31 13 16-0120	EA		12" x 12" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	283.93	60.58
			For 24 Gauge, Add	8.43	
			For 22 Gauge, Add	19.38	
			For 20 Gauge, Add	31.61	
			For 18 Gauge, Add	48.46	
			For 16 Gauge, Add	59.00	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.18	
			For Work In Restricted Working Space, Add	72.54	
23 31 13 16-0121	EA		14" x 14" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	337.95	71.78
			For 24 Gauge, Add	10.04	
			For 22 Gauge, Add	23.10	
			For 20 Gauge, Add	37.67	
			For 18 Gauge, Add	57.75	
			For 16 Gauge, Add	70.31	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	37.16	
			For Work In Restricted Working Space, Add	86.32	
23 31 13 16-0122	EA		16" x 16" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	392.27	83.65
			For 24 Gauge, Add	11.64	
			For 22 Gauge, Add	26.77	
			For 20 Gauge, Add	43.65	
			For 18 Gauge, Add	66.93	
			For 16 Gauge, Add	81.48	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	43.07	
			For Work In Restricted Working Space, Add	100.22	
23 31 13 16-0123	EA		18" x 18" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	439.01	93.52
			For 24 Gauge, Add	13.04	
			For 22 Gauge, Add	30.00	
			For 20 Gauge, Add	48.91	
			For 18 Gauge, Add	74.99	
			For 16 Gauge, Add	91.29	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	48.26	
			For Work In Restricted Working Space, Add	112.14	
23 31 13 16-0124	EA		20" x 20" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	499.32	106.38
			For 24 Gauge, Add	14.84	
			For 22 Gauge, Add	34.14	
			For 20 Gauge, Add	55.66	
			For 18 Gauge, Add	85.34	
			For 16 Gauge, Add	103.89	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	54.92	
			For Work In Restricted Working Space, Add	127.53	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts And Casings

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0125	EA	22" x 22" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	557.45	118.67
		<i>For 24 Gauge, Add</i>	16.55	
		<i>For 22 Gauge, Add</i>	38.06	
		<i>For 20 Gauge, Add</i>	62.05	
		<i>For 18 Gauge, Add</i>	95.14	
		<i>For 16 Gauge, Add</i>	115.82	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	61.22	
		<i>For Work In Restricted Working Space, Add</i>	142.42	
23 31 13 16-0126	EA	24" x 24" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral	604.42	128.78
		<i>For 24 Gauge, Add</i>	17.93	
		<i>For 22 Gauge, Add</i>	41.23	
		<i>For 20 Gauge, Add</i>	67.23	
		<i>For 18 Gauge, Add</i>	103.09	
		<i>For 16 Gauge, Add</i>	125.50	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	66.33	
		<i>For Work In Restricted Working Space, Add</i>	154.43	
23 31 13 16-0127		26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducers (23 31 13 16-0062)		
23 31 13 16-0128	EA	6" x 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	77.06	16.60
		<i>For 24 Gauge, Add</i>	2.13	
		<i>For 22 Gauge, Add</i>	4.91	
		<i>For 20 Gauge, Add</i>	8.00	
		<i>For 18 Gauge, Add</i>	12.27	
		<i>For 16 Gauge, Add</i>	14.94	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.90	
		<i>For Work In Restricted Working Space, Add</i>	19.92	
23 31 13 16-0129	EA	8" x 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	99.09	21.57
		<i>For 24 Gauge, Add</i>	2.35	
		<i>For 22 Gauge, Add</i>	5.40	
		<i>For 20 Gauge, Add</i>	8.81	
		<i>For 18 Gauge, Add</i>	13.50	
		<i>For 16 Gauge, Add</i>	16.44	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.69	
		<i>For Work In Restricted Working Space, Add</i>	26.21	
23 31 13 16-0130	EA	10" x 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	123.64	27.38
		<i>For 24 Gauge, Add</i>	2.60	
		<i>For 22 Gauge, Add</i>	5.98	
		<i>For 20 Gauge, Add</i>	9.75	
		<i>For 18 Gauge, Add</i>	14.95	
		<i>For 16 Gauge, Add</i>	18.20	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.62	
		<i>For Work In Restricted Working Space, Add</i>	33.19	
23 31 13 16-0131	EA	12" x 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	152.56	34.85
		<i>For 24 Gauge, Add</i>	2.85	
		<i>For 22 Gauge, Add</i>	6.56	
		<i>For 20 Gauge, Add</i>	10.69	
		<i>For 18 Gauge, Add</i>	16.39	
		<i>For 16 Gauge, Add</i>	19.95	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	10.55	
		<i>For Work In Restricted Working Space, Add</i>	41.49	
23 31 13 16-0132	EA	14" x 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	166.75	38.18
		<i>For 24 Gauge, Add</i>	3.17	
		<i>For 22 Gauge, Add</i>	7.30	
		<i>For 20 Gauge, Add</i>	11.90	
		<i>For 18 Gauge, Add</i>	18.25	
		<i>For 16 Gauge, Add</i>	22.22	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	11.74	
		<i>For Work In Restricted Working Space, Add</i>	45.26	
23 31 13 16-0133	EA	16" x 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	205.89	44.81
		<i>For 24 Gauge, Add</i>	5.49	
		<i>For 22 Gauge, Add</i>	12.62	
		<i>For 20 Gauge, Add</i>	20.57	
		<i>For 18 Gauge, Add</i>	31.54	
		<i>For 16 Gauge, Add</i>	38.40	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	20.30	
		<i>For Work In Restricted Working Space, Add</i>	53.54	
23 31 13 16-0134	EA	18" x 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	250.59	55.60
		<i>For 24 Gauge, Add</i>	5.86	
		<i>For 22 Gauge, Add</i>	13.48	
		<i>For 20 Gauge, Add</i>	21.98	
		<i>For 18 Gauge, Add</i>	33.71	
		<i>For 16 Gauge, Add</i>	41.03	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.69	
		<i>For Work In Restricted Working Space, Add</i>	66.38	
23 31 13 16-0135	EA	20" x 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	298.97	67.21
		<i>For 24 Gauge, Add</i>	6.26	
		<i>For 22 Gauge, Add</i>	14.39	
		<i>For 20 Gauge, Add</i>	23.46	
		<i>For 18 Gauge, Add</i>	35.97	
		<i>For 16 Gauge, Add</i>	43.79	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	23.15	
		<i>For Work In Restricted Working Space, Add</i>	80.31	
23 31 13 16-0136	EA	22" x 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer.....	346.39	78.00
		<i>For 24 Gauge, Add</i>	6.65	
		<i>For 22 Gauge, Add</i>	15.30	
		<i>For 20 Gauge, Add</i>	24.94	
		<i>For 18 Gauge, Add</i>	38.24	
		<i>For 16 Gauge, Add</i>	46.55	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.61	
		<i>For Work In Restricted Working Space, Add</i>	93.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0137	EA		24" x 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Reducer	388.17	88.80
			For 24 Gauge, Add	7.01	
			For 22 Gauge, Add	16.12	
			For 20 Gauge, Add	26.29	
			For 18 Gauge, Add	40.31	
			For 16 Gauge, Add	49.07	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.94	
			For Work In Restricted Working Space, Add	105.94	
23 31 13 16-0138			26 Gauge, Slip Joint, Galvanized, Spiral Duct Couplings <small>(23 31 13 16-0062)</small>		
23 31 13 16-0139	EA		4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	49.90	11.62
			For 24 Gauge, Add	1.01	
			For 22 Gauge, Add	2.32	
			For 20 Gauge, Add	3.79	
			For 18 Gauge, Add	5.81	
			For 16 Gauge, Add	7.07	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.74	
			For Work In Restricted Working Space, Add	13.46	
23 31 13 16-0140	EA		6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	72.13	16.60
			For 24 Gauge, Add	1.15	
			For 22 Gauge, Add	2.64	
			For 20 Gauge, Add	4.31	
			For 18 Gauge, Add	6.60	
			For 16 Gauge, Add	8.04	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.25	
			For Work In Restricted Working Space, Add	19.92	
23 31 13 16-0141	EA		8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	93.53	21.57
			For 24 Gauge, Add	1.24	
			For 22 Gauge, Add	2.84	
			For 20 Gauge, Add	4.64	
			For 18 Gauge, Add	7.11	
			For 16 Gauge, Add	8.65	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.57	
			For Work In Restricted Working Space, Add	26.21	
23 31 13 16-0142	EA		10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	117.27	27.38
			For 24 Gauge, Add	1.33	
			For 22 Gauge, Add	3.05	
			For 20 Gauge, Add	4.97	
			For 18 Gauge, Add	7.62	
			For 16 Gauge, Add	9.28	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.91	
			For Work In Restricted Working Space, Add	33.19	
23 31 13 16-0143	EA		12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	145.39	34.85
			For 24 Gauge, Add	1.42	
			For 22 Gauge, Add	3.26	
			For 20 Gauge, Add	5.31	
			For 18 Gauge, Add	8.14	
			For 16 Gauge, Add	9.91	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.24	
			For Work In Restricted Working Space, Add	41.49	
23 31 13 16-0144	EA		14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	158.41	38.18
			For 24 Gauge, Add	1.51	
			For 22 Gauge, Add	3.46	
			For 20 Gauge, Add	5.65	
			For 18 Gauge, Add	8.66	
			For 16 Gauge, Add	10.54	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.57	
			For Work In Restricted Working Space, Add	45.26	
23 31 13 16-0145	EA		16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	186.80	44.81
			For 24 Gauge, Add	1.67	
			For 22 Gauge, Add	3.84	
			For 20 Gauge, Add	6.26	
			For 18 Gauge, Add	9.59	
			For 16 Gauge, Add	11.68	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.17	
			For Work In Restricted Working Space, Add	53.54	
23 31 13 16-0146	EA		18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	230.06	55.60
			For 24 Gauge, Add	1.76	
			For 22 Gauge, Add	4.04	
			For 20 Gauge, Add	6.59	
			For 18 Gauge, Add	10.10	
			For 16 Gauge, Add	12.29	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.50	
			For Work In Restricted Working Space, Add	66.38	
23 31 13 16-0147	EA		20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	277.01	67.21
			For 24 Gauge, Add	1.86	
			For 22 Gauge, Add	4.29	
			For 20 Gauge, Add	6.99	
			For 18 Gauge, Add	10.72	
			For 16 Gauge, Add	13.05	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.90	
			For Work In Restricted Working Space, Add	80.31	
23 31 13 16-0148	EA		22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling	322.82	156.83
			For 24 Gauge, Add	1.94	
			For 22 Gauge, Add	4.45	
			For 20 Gauge, Add	7.26	
			For 18 Gauge, Add	11.13	
			For 16 Gauge, Add	13.55	
			For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.16	
			For Work In Restricted Working Space, Add	93.94	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0149	EA 24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Coupling.....	363.34	176.76
	For 24 Gauge, Add	2.04	
	For 22 Gauge, Add	4.70	
	For 20 Gauge, Add	7.67	
	For 18 Gauge, Add	11.75	
	For 16 Gauge, Add	14.31	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.56	
	For Work In Restricted Working Space, Add	105.94	
23 31 13 16-0150	26 Gauge, Slip Joint, Galvanized, Spiral Duct Caps <small>(23 31 13 16-0062)</small>		
23 31 13 16-0151	EA 4" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	28.35	11.62
	For 24 Gauge, Add	1.18	
	For 22 Gauge, Add	2.72	
	For 20 Gauge, Add	4.44	
	For 18 Gauge, Add	6.81	
	For 16 Gauge, Add	8.29	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.38	
	For Work In Restricted Working Space, Add	6.73	
23 31 13 16-0152	EA 6" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	39.82	16.60
	For 24 Gauge, Add	1.33	
	For 22 Gauge, Add	3.05	
	For 20 Gauge, Add	4.97	
	For 18 Gauge, Add	7.62	
	For 16 Gauge, Add	9.28	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.91	
	For Work In Restricted Working Space, Add	9.96	
23 31 13 16-0153	EA 8" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	50.93	22.41
	For 24 Gauge, Add	1.45	
	For 22 Gauge, Add	3.34	
	For 20 Gauge, Add	5.45	
	For 18 Gauge, Add	8.35	
	For 16 Gauge, Add	10.16	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.37	
	For Work In Restricted Working Space, Add	13.10	
23 31 13 16-0154	EA 10" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	63.39	28.21
	For 24 Gauge, Add	1.61	
	For 22 Gauge, Add	3.71	
	For 20 Gauge, Add	6.05	
	For 18 Gauge, Add	9.28	
	For 16 Gauge, Add	11.30	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.97	
	For Work In Restricted Working Space, Add	16.60	
23 31 13 16-0155	EA 12" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	78.11	34.85
	For 24 Gauge, Add	1.79	
	For 22 Gauge, Add	4.12	
	For 20 Gauge, Add	6.72	
	For 18 Gauge, Add	10.30	
	For 16 Gauge, Add	12.54	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.63	
	For Work In Restricted Working Space, Add	20.75	
23 31 13 16-0156	EA 14" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	85.30	38.18
	For 24 Gauge, Add	1.97	
	For 22 Gauge, Add	4.54	
	For 20 Gauge, Add	7.40	
	For 18 Gauge, Add	11.34	
	For 16 Gauge, Add	13.80	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.30	
	For Work In Restricted Working Space, Add	22.63	
23 31 13 16-0157	EA 16" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	98.73	43.98
	For 24 Gauge, Add	2.28	
	For 22 Gauge, Add	5.23	
	For 20 Gauge, Add	8.54	
	For 18 Gauge, Add	13.09	
	For 16 Gauge, Add	15.93	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.42	
	For Work In Restricted Working Space, Add	26.21	
23 31 13 16-0158	EA 18" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	149.00	55.60
	For 24 Gauge, Add	7.67	
	For 22 Gauge, Add	17.65	
	For 20 Gauge, Add	28.77	
	For 18 Gauge, Add	44.11	
	For 16 Gauge, Add	53.70	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	28.39	
	For Work In Restricted Working Space, Add	33.19	
23 31 13 16-0159	EA 20" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	179.90	68.87
	For 24 Gauge, Add	8.32	
	For 22 Gauge, Add	19.13	
	For 20 Gauge, Add	31.19	
	For 18 Gauge, Add	47.83	
	For 16 Gauge, Add	58.23	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.78	
	For Work In Restricted Working Space, Add	41.49	
23 31 13 16-0160	EA 22" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap.....	195.70	75.52
	For 24 Gauge, Add	8.96	
	For 22 Gauge, Add	20.62	
	For 20 Gauge, Add	33.62	
	For 18 Gauge, Add	51.54	
	For 16 Gauge, Add	62.75	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	33.17	
	For Work In Restricted Working Space, Add	45.26	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 31 13 16-0161	EA	24" 26 Gauge, Slip Joint, Galvanized, Spiral Duct Cap	224.68	87.96
		<i>For 24 Gauge, Add</i>	9.63	
		<i>For 22 Gauge, Add</i>	22.14	
		<i>For 20 Gauge, Add</i>	36.10	
		<i>For 18 Gauge, Add</i>	55.35	
		<i>For 16 Gauge, Add</i>	67.38	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	35.62	
		<i>For Work In Restricted Working Space, Add</i>	52.97	
23 31 13 19		Metal Duct Fittings (23 31 13)		
23 31 13 19-0001		Sheet Metal Baffles (23 31 13 19)		
23 31 13 19-0002	LF	Sheet Metal Baffles Under Raised Floor	31.97	25.41
		<i>For Work In Restricted Working Space, Add</i>	9.29	
23 31 13 23		Galvanized Steel Welded Duct (23 31 13)		
		Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.		
23 31 13 23-0001		Welded Steel Ductwork (23 31 13 23)		
		Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.		
23 31 13 23-0002		Galvanized Steel Welded Duct, For Kitchen (23 31 13 23-0001)		
		Note: Also includes special exhaust systems and waste.		
23 31 13 23-0003	LB	Galvanized Steel Welded Duct	19.52	7.70
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.02	
		<i>For Work In Restricted Working Space, Add</i>	4.63	
23 31 13 23-0004		Black Steel Ductwork (23 31 13 23-0001)		
23 31 13 23-0005	LB	Black Steel Ductwork	16.80	7.94
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	0.68	
		<i>For Work In Restricted Working Space, Add</i>	4.76	
23 31 13 33		Duct Boots (23 31 13)		
23 31 13 33-0001		Duct Register Boots (23 31 13 33)		
23 31 13 33-0002	EA	10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	32.13	11.26
		<i>For Stainless Steel, Add</i>	12.49	
23 31 13 33-0003	EA	10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	32.13	11.26
		<i>For Stainless Steel, Add</i>	12.49	
23 31 13 33-0004	EA	12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	34.16	12.17
		<i>For Stainless Steel, Add</i>	12.78	
23 31 13 33-0005	EA	12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	34.16	12.17
		<i>For Stainless Steel, Add</i>	12.78	
23 31 13 33-0006	EA	12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	36.53	12.17
		<i>For Stainless Steel, Add</i>	15.86	
23 31 13 33-0007	EA	14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel	37.14	13.06
		<i>For Stainless Steel, Add</i>	14.30	
23 31 13 33-0008	EA	14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel	37.14	13.06
		<i>For Stainless Steel, Add</i>	14.30	
23 31 13 33-0009	EA	14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel	38.61	13.06
		<i>For Stainless Steel, Add</i>	16.21	
23 31 13 33-0010	EA	10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	36.59	13.97
		<i>For Stainless Steel, Add</i>	11.25	
23 31 13 33-0011	EA	12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	38.65	14.86
		<i>For Stainless Steel, Add</i>	11.58	
23 31 13 33-0012	EA	12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	44.69	14.86
		<i>For Stainless Steel, Add</i>	19.44	
23 31 13 33-0013	EA	14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel	40.98	15.77
		<i>For Stainless Steel, Add</i>	12.27	
23 31 13 33-0014	EA	14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel	46.90	15.77
		<i>For Stainless Steel, Add</i>	19.97	
23 31 13 33-0015	EA	12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel	32.72	12.17
		<i>For Stainless Steel, Add</i>	10.91	
23 31 13 33-0016	EA	12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	32.72	12.17
		<i>For Stainless Steel, Add</i>	10.91	
23 31 13 33-0017	EA	14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel	35.50	13.06
		<i>For Stainless Steel, Add</i>	12.17	
23 31 13 33-0018	EA	14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel	36.91	13.06
		<i>For Stainless Steel, Add</i>	14.00	
23 31 13 33-0019	EA	10" x 4" x 6" Register Boot, Center, Galvanized Steel	36.78	13.97
		<i>For Stainless Steel, Add</i>	11.49	
23 31 13 33-0020	EA	12" x 4" x 6" Register Boot, Center, Galvanized Steel	38.82	14.86
		<i>For Stainless Steel, Add</i>	11.80	
23 31 13 33-0021	EA	12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	33.69	12.17
		<i>For Stainless Steel, Add</i>	12.17	
23 31 13 33-0022	EA	14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel	36.07	13.06
		<i>For Stainless Steel, Add</i>	12.91	
23 31 13 33-0023	EA	10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	32.14	11.26
		<i>For Stainless Steel, Add</i>	12.49	
23 31 13 33-0024	EA	12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	34.16	12.17
		<i>For Stainless Steel, Add</i>	12.78	
23 31 13 33-0025	EA	14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel	37.14	13.06
		<i>For Stainless Steel, Add</i>	14.30	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 31 13 33-0026	EA	14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel	37.14	13.06
		<i>For Stainless Steel, Add</i>	14.30	
23 31 13 33-0027	EA	10" x 4" x 6" Register Boot, Universal, Galvanized Steel	36.59	13.97
		<i>For Stainless Steel, Add</i>	11.25	
23 31 13 33-0028	EA	12" x 4" x 6" Register Boot, Universal, Galvanized Steel	38.65	14.86
		<i>For Stainless Steel, Add</i>	11.58	
23 31 13 33-0029	EA	12" x 4" x 7" Register Boot, Universal, Galvanized Steel	44.69	14.86
		<i>For Stainless Steel, Add</i>	19.44	
23 31 13 33-0030	EA	14" x 4" x 7" Register Boot, Universal, Galvanized Steel	46.49	15.77
		<i>For Stainless Steel, Add</i>	19.44	

23 31 16 Nonmetal Ducts (23 31)**23 31 16 13 Fibrous-Glass Ducts (23 31 16)****23 31 16 13-0001 Glass Fiber Duct Board (23 31 16 13)**

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF	1" Glass Fiber Duct Board (EI-475)	7.49	1.59
23 31 16 13-0003	SF	1-1/2" Glass Fiber Duct Board (EI-800)	8.71	1.74
23 31 16 13-0004	SF	2" Glass Fiber Duct Board (EI-800)	9.98	1.92

23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts (23 31 16)**23 31 16 16-0001 Round Fiber Reinforced Plastic Duct (23 31 16 16)****23 31 16 16-0002 Round Fiber Reinforced Plastic Duct (23 31 16 16-0001)**

23 31 16 16-0003	LF	2" Fiber Reinforced Plastic Duct	11.31	4.12
23 31 16 16-0004	LF	3" Fiber Reinforced Plastic Duct	14.04	4.82
23 31 16 16-0005	LF	4" Fiber Reinforced Plastic Duct	19.24	7.08
23 31 16 16-0006	LF	6" Fiber Reinforced Plastic Duct	25.33	8.95
23 31 16 16-0007	LF	8" Fiber Reinforced Plastic Duct	32.03	11.21
23 31 16 16-0008	LF	10" Fiber Reinforced Plastic Duct	38.61	13.46
23 31 16 16-0009	LF	12" Fiber Reinforced Plastic Duct	43.69	15.72
23 31 16 16-0010	LF	14" Fiber Reinforced Plastic Duct	49.55	17.19
23 31 16 16-0011	LF	16" Fiber Reinforced Plastic Duct	53.45	18.29
23 31 16 16-0012	LF	18" Fiber Reinforced Plastic Duct	65.56	20.54
23 31 16 16-0013	LF	20" Fiber Reinforced Plastic Duct	69.13	22.02
23 31 16 16-0014	LF	24" Fiber Reinforced Plastic Duct	83.76	23.49
23 31 16 16-0015	LF	30" Fiber Reinforced Plastic Duct	96.06	27.23
23 31 16 16-0016	LF	36" Fiber Reinforced Plastic Duct	111.47	32.83
23 31 16 16-0017	LF	42" Fiber Reinforced Plastic Duct	146.04	36.56
23 31 16 16-0018	LF	48" Fiber Reinforced Plastic Duct	163.65	41.08
23 31 16 16-0019	LF	54" Fiber Reinforced Plastic Duct	182.37	47.07
23 31 16 16-0020	LF	60" Fiber Reinforced Plastic Duct	207.60	54.93
23 31 16 16-0021	LF	66" Fiber Reinforced Plastic Duct	226.12	67.22
23 31 16 16-0022	LF	72" Fiber Reinforced Plastic Duct	275.98	82.16

23 31 16 16-0023 Fiber Reinforced Plastic Bell (23 31 16 16-0001)

23 31 16 16-0024	EA	2" Fiber Reinforced Plastic Bell	47.85	16.73
23 31 16 16-0025	EA	3" Fiber Reinforced Plastic Bell	57.68	19.84
23 31 16 16-0026	EA	4" Fiber Reinforced Plastic Bell	66.48	23.34
23 31 16 16-0027	EA	6" Fiber Reinforced Plastic Bell	87.44	31.12
23 31 16 16-0028	EA	8" Fiber Reinforced Plastic Bell	106.60	38.90
23 31 16 16-0029	EA	10" Fiber Reinforced Plastic Bell	123.97	46.68
23 31 16 16-0030	EA	12" Fiber Reinforced Plastic Bell	153.73	57.96
23 31 16 16-0031	EA	14" Fiber Reinforced Plastic Bell	164.32	62.24
23 31 16 16-0032	EA	16" Fiber Reinforced Plastic Bell	178.04	66.52
23 31 16 16-0033	EA	18" Fiber Reinforced Plastic Bell	191.75	71.58
23 31 16 16-0034	EA	20" Fiber Reinforced Plastic Bell	209.60	77.80
23 31 16 16-0035	EA	24" Fiber Reinforced Plastic Bell	243.16	85.58
23 31 16 16-0036	EA	30" Fiber Reinforced Plastic Bell	282.12	93.36
23 31 16 16-0037	EA	36" Fiber Reinforced Plastic Bell	319.87	105.03
23 31 16 16-0038	EA	42" Fiber Reinforced Plastic Bell	357.61	116.70
23 31 16 16-0039	EA	48" Fiber Reinforced Plastic Bell	395.34	128.37
23 31 16 16-0040	EA	54" Fiber Reinforced Plastic Bell	491.21	155.60
23 31 16 16-0041	EA	60" Fiber Reinforced Plastic Bell	587.01	194.50
23 31 16 16-0042	EA	66" Fiber Reinforced Plastic Bell	704.37	233.41
23 31 16 16-0043	EA	72" Fiber Reinforced Plastic Bell	806.32	264.53

23 31 16 16-0044 Fiber Reinforced Plastic Flange (23 31 16 16-0001)

23 31 16 16-0045	EA	2" Fiber Reinforced Plastic Flange	76.65	16.73
23 31 16 16-0046	EA	3" Fiber Reinforced Plastic Flange	88.28	19.84
23 31 16 16-0047	EA	4" Fiber Reinforced Plastic Flange	100.68	23.34
23 31 16 16-0048	EA	6" Fiber Reinforced Plastic Flange	130.64	31.12
23 31 16 16-0049	EA	8" Fiber Reinforced Plastic Flange	158.80	38.90
23 31 16 16-0050	EA	10" Fiber Reinforced Plastic Flange	186.97	46.68
23 31 16 16-0051	EA	12" Fiber Reinforced Plastic Flange	220.33	57.96
23 31 16 16-0052	EA	14" Fiber Reinforced Plastic Flange	245.32	62.24
23 31 16 16-0053	EA	16" Fiber Reinforced Plastic Flange	268.04	66.52
23 31 16 16-0054	EA	18" Fiber Reinforced Plastic Flange	285.35	71.58
23 31 16 16-0055	EA	20" Fiber Reinforced Plastic Flange	299.60	77.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0056	EA		24" Fiber Reinforced Plastic Flange.....	351.16	85.58
23 31 16 16-0057	EA		30" Fiber Reinforced Plastic Flange.....	386.52	93.36
23 31 16 16-0058	EA		36" Fiber Reinforced Plastic Flange.....	476.47	105.03
23 31 16 16-0059	EA		42" Fiber Reinforced Plastic Flange.....	530.41	116.70
23 31 16 16-0060	EA		48" Fiber Reinforced Plastic Flange.....	602.34	128.37
23 31 16 16-0061	EA		54" Fiber Reinforced Plastic Flange.....	707.21	155.60
23 31 16 16-0062	EA		60" Fiber Reinforced Plastic Flange.....	844.41	194.50
23 31 16 16-0063	EA		66" Fiber Reinforced Plastic Flange.....	981.57	233.41
23 31 16 16-0064	EA		72" Fiber Reinforced Plastic Flange.....	1,123.12	264.53
23 31 16 16-0065			Fiber Reinforced Plastic 90 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0066	EA		2" Fiber Reinforced Plastic 90 Degree Elbow	126.62	40.30
23 31 16 16-0067	EA		3" Fiber Reinforced Plastic 90 Degree Elbow	148.69	48.16
23 31 16 16-0068	EA		4" Fiber Reinforced Plastic 90 Degree Elbow	172.56	56.02
23 31 16 16-0069	EA		6" Fiber Reinforced Plastic 90 Degree Elbow	223.48	74.69
23 31 16 16-0070	EA		8" Fiber Reinforced Plastic 90 Degree Elbow	274.40	93.36
23 31 16 16-0071	EA		10" Fiber Reinforced Plastic 90 Degree Elbow	325.34	112.04
23 31 16 16-0072	EA		12" Fiber Reinforced Plastic 90 Degree Elbow	399.59	139.35
23 31 16 16-0073	EA		14" Fiber Reinforced Plastic 90 Degree Elbow	452.87	147.51
23 31 16 16-0074	EA		16" Fiber Reinforced Plastic 90 Degree Elbow	515.43	160.19
23 31 16 16-0075	EA		18" Fiber Reinforced Plastic 90 Degree Elbow	613.93	171.78
23 31 16 16-0076	EA		20" Fiber Reinforced Plastic 90 Degree Elbow	707.26	186.73
23 31 16 16-0077	EA		24" Fiber Reinforced Plastic 90 Degree Elbow	819.38	205.40
23 31 16 16-0078	EA		30" Fiber Reinforced Plastic 90 Degree Elbow	1,102.47	224.07
23 31 16 16-0079	EA		36" Fiber Reinforced Plastic 90 Degree Elbow	1,410.19	252.08
23 31 16 16-0080	EA		42" Fiber Reinforced Plastic 90 Degree Elbow	1,852.89	280.17
23 31 16 16-0081	EA		48" Fiber Reinforced Plastic 90 Degree Elbow	2,196.62	308.17
23 31 16 16-0082	EA		54" Fiber Reinforced Plastic 90 Degree Elbow	2,602.42	373.45
23 31 16 16-0083	EA		60" Fiber Reinforced Plastic 90 Degree Elbow	3,154.02	466.81
23 31 16 16-0084	EA		66" Fiber Reinforced Plastic 90 Degree Elbow	3,705.33	560.02
23 31 16 16-0085	EA		72" Fiber Reinforced Plastic 90 Degree Elbow	4,225.67	634.64
23 31 16 16-0086			Fiber Reinforced Plastic 45 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0087	EA		2" Fiber Reinforced Plastic 45 Degree Elbow	106.82	40.30
23 31 16 16-0088	EA		3" Fiber Reinforced Plastic 45 Degree Elbow	125.29	48.16
23 31 16 16-0089	EA		4" Fiber Reinforced Plastic 45 Degree Elbow	145.54	56.02
23 31 16 16-0090	EA		6" Fiber Reinforced Plastic 45 Degree Elbow	183.88	74.69
23 31 16 16-0091	EA		8" Fiber Reinforced Plastic 45 Degree Elbow	222.20	93.36
23 31 16 16-0092	EA		10" Fiber Reinforced Plastic 45 Degree Elbow	264.19	112.04
23 31 16 16-0093	EA		12" Fiber Reinforced Plastic 45 Degree Elbow	325.84	139.35
23 31 16 16-0094	EA		14" Fiber Reinforced Plastic 45 Degree Elbow	353.81	147.51
23 31 16 16-0095	EA		16" Fiber Reinforced Plastic 45 Degree Elbow	421.68	160.11
23 31 16 16-0096	EA		18" Fiber Reinforced Plastic 45 Degree Elbow	484.54	171.94
23 31 16 16-0097	EA		20" Fiber Reinforced Plastic 45 Degree Elbow	559.61	186.73
23 31 16 16-0098	EA		24" Fiber Reinforced Plastic 45 Degree Elbow	644.42	205.25
23 31 16 16-0099	EA		30" Fiber Reinforced Plastic 45 Degree Elbow	814.19	223.92
23 31 16 16-0100	EA		36" Fiber Reinforced Plastic 45 Degree Elbow	994.75	252.31
23 31 16 16-0101	EA		42" Fiber Reinforced Plastic 45 Degree Elbow	1,264.62	280.32
23 31 16 16-0102	EA		48" Fiber Reinforced Plastic 45 Degree Elbow	1,485.62	308.17
23 31 16 16-0103	EA		54" Fiber Reinforced Plastic 45 Degree Elbow	1,770.82	373.45
23 31 16 16-0104	EA		60" Fiber Reinforced Plastic 45 Degree Elbow	2,124.42	466.81
23 31 16 16-0105	EA		66" Fiber Reinforced Plastic 45 Degree Elbow	2,497.54	558.93
23 31 16 16-0106	EA		72" Fiber Reinforced Plastic 45 Degree Elbow	2,822.82	635.25
23 31 16 16-0107			Fiber Reinforced Plastic Tee (23 31 16 16-0001)		
23 31 16 16-0108	EA		2" Fiber Reinforced Plastic Tee	163.21	60.14
23 31 16 16-0109	EA		3" Fiber Reinforced Plastic Tee	192.74	72.43
23 31 16 16-0110	EA		4" Fiber Reinforced Plastic Tee	221.04	84.02
23 31 16 16-0111	EA		6" Fiber Reinforced Plastic Tee	285.74	112.04
23 31 16 16-0112	EA		8" Fiber Reinforced Plastic Tee	349.19	139.35
23 31 16 16-0113	EA		10" Fiber Reinforced Plastic Tee	416.32	168.83
23 31 16 16-0114	EA		12" Fiber Reinforced Plastic Tee	503.06	204.62
23 31 16 16-0115	EA		14" Fiber Reinforced Plastic Tee	549.08	221.43
23 31 16 16-0116	EA		16" Fiber Reinforced Plastic Tee	634.87	240.56
23 31 16 16-0117	EA		18" Fiber Reinforced Plastic Tee	717.46	257.68
23 31 16 16-0118	EA		20" Fiber Reinforced Plastic Tee	826.89	280.17
23 31 16 16-0119	EA		24" Fiber Reinforced Plastic Tee	945.62	308.17
23 31 16 16-0120	EA		30" Fiber Reinforced Plastic Tee	1,127.05	336.02
23 31 16 16-0121	EA		36" Fiber Reinforced Plastic Tee	1,350.49	378.28
23 31 16 16-0122	EA		42" Fiber Reinforced Plastic Tee	1,780.41	420.29
23 31 16 16-0123	EA		48" Fiber Reinforced Plastic Tee	2,120.62	462.38
23 31 16 16-0124	EA		54" Fiber Reinforced Plastic Tee	2,554.23	560.56
23 31 16 16-0125	EA		60" Fiber Reinforced Plastic Tee	3,057.50	700.54
23 31 16 16-0126	EA		66" Fiber Reinforced Plastic Tee	3,560.33	840.19
23 31 16 16-0127	EA		72" Fiber Reinforced Plastic Tee	4,017.80	952.69
23 31 16 16-0128			Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)		
23 31 16 16-0129	EA		2" Fiber Reinforced Plastic Lateral Joint	136.20	60.14
23 31 16 16-0130	EA		3" Fiber Reinforced Plastic Lateral Joint	160.32	72.43
23 31 16 16-0131	EA		4" Fiber Reinforced Plastic Lateral Joint	183.26	84.02
23 31 16 16-0132	EA		6" Fiber Reinforced Plastic Lateral Joint	233.59	112.04

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts And Casings**

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

23 31 16 16-0133	EA		8" Fiber Reinforced Plastic Lateral Joint	282.64	139.35
23 31 16 16-0134	EA		10" Fiber Reinforced Plastic Lateral Joint	338.96	168.83
23 31 16 16-0135	EA		12" Fiber Reinforced Plastic Lateral Joint	406.04	204.77
23 31 16 16-0136	EA		14" Fiber Reinforced Plastic Lateral Joint	440.73	221.27
23 31 16 16-0137	EA		16" Fiber Reinforced Plastic Lateral Joint	483.85	240.64
23 31 16 16-0138	EA		18" Fiber Reinforced Plastic Lateral Joint	523.45	257.91
23 31 16 16-0139	EA		20" Fiber Reinforced Plastic Lateral Joint	571.62	280.32
23 31 16 16-0140	EA		24" Fiber Reinforced Plastic Lateral Joint	632.42	308.17
23 31 16 16-0141	EA		30" Fiber Reinforced Plastic Lateral Joint	698.33	335.87
23 31 16 16-0142	EA		36" Fiber Reinforced Plastic Lateral Joint	788.48	378.05
23 31 16 16-0143	EA		42" Fiber Reinforced Plastic Lateral Joint	880.92	420.52
23 31 16 16-0144	EA		48" Fiber Reinforced Plastic Lateral Joint	968.32	462.22
23 31 16 16-0145	EA		54" Fiber Reinforced Plastic Lateral Joint	1,156.54	558.93
23 31 16 16-0146	EA		60" Fiber Reinforced Plastic Lateral Joint	1,412.60	701.77
23 31 16 16-0147	EA		66" Fiber Reinforced Plastic Lateral Joint	1,707.33	840.81
23 31 16 16-0148	EA		72" Fiber Reinforced Plastic Lateral Joint	1,911.80	952.69

23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)

23 31 16 16-0150	EA		2" Fiber Reinforced Plastic One Piece Reducer	114.05	40.38
23 31 16 16-0151	EA		3" Fiber Reinforced Plastic One Piece Reducer	134.33	48.24
23 31 16 16-0152	EA		4" Fiber Reinforced Plastic One Piece Reducer	158.20	56.02
23 31 16 16-0153	EA		6" Fiber Reinforced Plastic One Piece Reducer	203.68	74.69
23 31 16 16-0154	EA		8" Fiber Reinforced Plastic One Piece Reducer	245.60	93.36
23 31 16 16-0155	EA		10" Fiber Reinforced Plastic One Piece Reducer	295.47	112.50
23 31 16 16-0156	EA		12" Fiber Reinforced Plastic One Piece Reducer	351.04	139.35
23 31 16 16-0157	EA		14" Fiber Reinforced Plastic One Piece Reducer	375.41	147.51
23 31 16 16-0158	EA		16" Fiber Reinforced Plastic One Piece Reducer	414.48	160.11
23 31 16 16-0159	EA		18" Fiber Reinforced Plastic One Piece Reducer	455.74	171.94
23 31 16 16-0160	EA		20" Fiber Reinforced Plastic One Piece Reducer	509.21	186.73
23 31 16 16-0161	EA		24" Fiber Reinforced Plastic One Piece Reducer	580.34	205.63
23 31 16 16-0162	EA		30" Fiber Reinforced Plastic One Piece Reducer	651.25	224.46
23 31 16 16-0163	EA		36" Fiber Reinforced Plastic One Piece Reducer	737.35	252.31
23 31 16 16-0164	EA		42" Fiber Reinforced Plastic One Piece Reducer	823.62	280.32
23 31 16 16-0165	EA		48" Fiber Reinforced Plastic One Piece Reducer	927.62	308.17
23 31 16 16-0166	EA		54" Fiber Reinforced Plastic One Piece Reducer	1,099.42	373.45
23 31 16 16-0167	EA		60" Fiber Reinforced Plastic One Piece Reducer	1,312.62	466.81
23 31 16 16-0168	EA		66" Fiber Reinforced Plastic One Piece Reducer	1,471.54	558.93
23 31 16 16-0169	EA		72" Fiber Reinforced Plastic One Piece Reducer	1,652.82	635.25

23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer (23 31 16 16-0001)

23 31 16 16-0171	EA		2" Fiber Reinforced Plastic Two Piece Reducer	135.65	40.38
23 31 16 16-0172	EA		3" Fiber Reinforced Plastic Two Piece Reducer	148.73	48.24
23 31 16 16-0173	EA		4" Fiber Reinforced Plastic Two Piece Reducer	172.60	56.02
23 31 16 16-0174	EA		6" Fiber Reinforced Plastic Two Piece Reducer	223.48	74.69
23 31 16 16-0175	EA		8" Fiber Reinforced Plastic Two Piece Reducer	274.40	93.36
23 31 16 16-0176	EA		10" Fiber Reinforced Plastic Two Piece Reducer	326.07	112.50
23 31 16 16-0177	EA		12" Fiber Reinforced Plastic Two Piece Reducer	390.64	139.35
23 31 16 16-0178	EA		14" Fiber Reinforced Plastic Two Piece Reducer	425.81	147.51
23 31 16 16-0179	EA		16" Fiber Reinforced Plastic Two Piece Reducer	464.88	160.11
23 31 16 16-0180	EA		18" Fiber Reinforced Plastic Two Piece Reducer	524.14	171.94
23 31 16 16-0181	EA		20" Fiber Reinforced Plastic Two Piece Reducer	660.41	186.73
23 31 16 16-0182	EA		24" Fiber Reinforced Plastic Two Piece Reducer	801.74	205.63
23 31 16 16-0183	EA		30" Fiber Reinforced Plastic Two Piece Reducer	860.05	224.46
23 31 16 16-0184	EA		36" Fiber Reinforced Plastic Two Piece Reducer	978.55	252.31
23 31 16 16-0185	EA		42" Fiber Reinforced Plastic Two Piece Reducer	1,061.22	280.32
23 31 16 16-0186	EA		48" Fiber Reinforced Plastic Two Piece Reducer	1,161.62	308.17
23 31 16 16-0187	EA		54" Fiber Reinforced Plastic Two Piece Reducer	1,288.42	373.45
23 31 16 16-0188	EA		60" Fiber Reinforced Plastic Two Piece Reducer	1,490.82	466.81
23 31 16 16-0189	EA		66" Fiber Reinforced Plastic Two Piece Reducer	1,669.54	558.93
23 31 16 16-0190	EA		72" Fiber Reinforced Plastic Two Piece Reducer	1,832.82	635.25

23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers (23 31 16 16-0001)

23 31 16 16-0192	EA		2" Fiber Reinforced Plastic Damper	238.21	40.30
23 31 16 16-0193	EA		3" Fiber Reinforced Plastic Damper	269.29	48.16
23 31 16 16-0194	EA		4" Fiber Reinforced Plastic Damper	300.36	56.02
23 31 16 16-0195	EA		6" Fiber Reinforced Plastic Damper	358.48	74.69
23 31 16 16-0196	EA		8" Fiber Reinforced Plastic Damper	425.60	93.36
23 31 16 16-0197	EA		10" Fiber Reinforced Plastic Damper	483.74	112.04
23 31 16 16-0198	EA		12" Fiber Reinforced Plastic Damper	556.19	139.35
23 31 16 16-0199	EA		14" Fiber Reinforced Plastic Damper	614.87	147.51
23 31 16 16-0200	EA		16" Fiber Reinforced Plastic Damper	681.03	160.19
23 31 16 16-0201	EA		18" Fiber Reinforced Plastic Damper	745.33	171.78
23 31 16 16-0202	EA		20" Fiber Reinforced Plastic Damper	797.26	186.73
23 31 16 16-0203	EA		24" Fiber Reinforced Plastic Damper	900.38	205.40
23 31 16 16-0204	EA		30" Fiber Reinforced Plastic Damper	1,039.47	224.07
23 31 16 16-0205	EA		36" Fiber Reinforced Plastic Damper	1,194.19	252.08
23 31 16 16-0206	EA		42" Fiber Reinforced Plastic Damper	1,366.89	280.17
23 31 16 16-0207	EA		48" Fiber Reinforced Plastic Damper	1,521.62	308.17
23 31 16 16-0208	EA		54" Fiber Reinforced Plastic Damper	1,792.42	373.45
23 31 16 16-0209	EA		60" Fiber Reinforced Plastic Damper	2,110.02	466.81
23 31 16 16-0210	EA		66" Fiber Reinforced Plastic Damper	2,409.33	560.02
23 31 16 16-0211	EA		72" Fiber Reinforced Plastic Damper	2,767.67	634.64

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST DEMOLITION
 UNIT COST

23 33 Air Duct Accessories (23 30)
23 33 13 Dampers (23 33)
23 33 13 13 Volume-Control Dampers (23 33 13)
23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (23 33 13 13)

23 33 13 13-0002	EA 6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	41.88	7.21
	<i>For Stainless Steel, Add</i>	18.08	
	<i>For Parallel Blade Damper, Add</i>	5.56	
23 33 13 13-0003	EA 7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	46.56	8.11
	<i>For Stainless Steel, Add</i>	18.36	
	<i>For Parallel Blade Damper, Add</i>	5.65	
23 33 13 13-0004	EA 8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	51.98	9.01
	<i>For Stainless Steel, Add</i>	18.54	
	<i>For Parallel Blade Damper, Add</i>	5.70	
23 33 13 13-0005	EA 10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	56.75	10.81
	<i>For Stainless Steel, Add</i>	19.71	
	<i>For Parallel Blade Damper, Add</i>	6.06	
23 33 13 13-0006	EA 12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	62.39	11.71
	<i>For Stainless Steel, Add</i>	20.87	
	<i>For Parallel Blade Damper, Add</i>	6.42	
23 33 13 13-0007	EA 14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	71.20	12.62
	<i>For Stainless Steel, Add</i>	26.66	
	<i>For Parallel Blade Damper, Add</i>	8.20	
23 33 13 13-0008	EA 15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	78.23	13.52
	<i>For Stainless Steel, Add</i>	28.98	
	<i>For Parallel Blade Damper, Add</i>	8.92	
23 33 13 13-0009	EA 16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	83.25	15.32
	<i>For Stainless Steel, Add</i>	30.13	
	<i>For Parallel Blade Damper, Add</i>	9.27	
23 33 13 13-0010	EA 18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	90.73	16.22
	<i>For Stainless Steel, Add</i>	33.61	
	<i>For Parallel Blade Damper, Add</i>	10.34	
23 33 13 13-0011	EA 20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	102.62	18.02
	<i>For Stainless Steel, Add</i>	41.73	
	<i>For Parallel Blade Damper, Add</i>	12.84	
23 33 13 13-0012	EA 24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	110.28	18.02
	<i>For Stainless Steel, Add</i>	47.52	
	<i>For Parallel Blade Damper, Add</i>	14.62	
23 33 13 13-0013	EA 30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	123.90	20.72
	<i>For Stainless Steel, Add</i>	55.63	
	<i>For Parallel Blade Damper, Add</i>	17.12	
23 33 13 13-0014	EA 36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated	132.00	21.63
	<i>For Stainless Steel, Add</i>	60.62	
	<i>For Parallel Blade Damper, Add</i>	18.65	

23 33 13 13-0015 Rectangular Opposed Blade Damper (23 33 13 13)

23 33 13 13-0016	EA 6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	58.76	10.00
	<i>For Stainless Steel, Add</i>	37.38	
	<i>For Parallel Blade Damper, Add</i>	11.50	
23 33 13 13-0017	EA 8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	62.16	10.45
	<i>For Stainless Steel, Add</i>	40.03	
	<i>For Parallel Blade Damper, Add</i>	12.32	
23 33 13 13-0018	EA 8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	64.38	10.54
	<i>For Stainless Steel, Add</i>	42.69	
	<i>For Parallel Blade Damper, Add</i>	13.14	
23 33 13 13-0019	EA 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	64.38	10.54
	<i>For Stainless Steel, Add</i>	42.69	
	<i>For Parallel Blade Damper, Add</i>	13.14	
23 33 13 13-0020	EA 10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	67.35	10.82
	<i>For Stainless Steel, Add</i>	45.37	
	<i>For Parallel Blade Damper, Add</i>	13.96	
23 33 13 13-0021	EA 10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	75.04	11.98
	<i>For Stainless Steel, Add</i>	50.69	
	<i>For Parallel Blade Damper, Add</i>	15.60	
23 33 13 13-0022	EA 12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	67.35	10.82
	<i>For Stainless Steel, Add</i>	45.37	
	<i>For Parallel Blade Damper, Add</i>	13.96	
23 33 13 13-0023	EA 12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	73.24	11.45
	<i>For Stainless Steel, Add</i>	50.69	
	<i>For Parallel Blade Damper, Add</i>	15.60	
23 33 13 13-0024	EA 12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.11	11.98
	<i>For Stainless Steel, Add</i>	53.38	
	<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13 13-0025	EA 12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	83.68	13.52
	<i>For Stainless Steel, Add</i>	56.06	
	<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13 13-0026	EA 14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	72.23	11.45
	<i>For Stainless Steel, Add</i>	49.37	
	<i>For Parallel Blade Damper, Add</i>	15.19	
23 33 13 13-0027	EA 14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.11	11.98
	<i>For Stainless Steel, Add</i>	53.38	
	<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13 13-0028	EA 14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	80.98	12.62
	<i>For Stainless Steel, Add</i>	56.06	
	<i>For Parallel Blade Damper, Add</i>	17.25	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	85.73	13.52
			<i>For Stainless Steel, Add</i>	58.72	
			<i>For Parallel Blade Damper, Add</i>	18.07	
23 33 13	13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	95.36	15.05
			<i>For Stainless Steel, Add</i>	65.39	
			<i>For Parallel Blade Damper, Add</i>	20.12	
23 33 13	13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	77.11	11.98
			<i>For Stainless Steel, Add</i>	53.38	
			<i>For Parallel Blade Damper, Add</i>	16.42	
23 33 13	13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	81.88	12.89
			<i>For Stainless Steel, Add</i>	56.06	
			<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13	13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	87.53	14.15
			<i>For Stainless Steel, Add</i>	58.72	
			<i>For Parallel Blade Damper, Add</i>	18.07	
23 33 13	13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	92.28	15.05
			<i>For Stainless Steel, Add</i>	61.39	
			<i>For Parallel Blade Damper, Add</i>	18.89	
23 33 13	13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	101.94	16.49
			<i>For Stainless Steel, Add</i>	68.08	
			<i>For Parallel Blade Damper, Add</i>	20.95	
23 33 13	13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	111.57	18.03
			<i>For Stainless Steel, Add</i>	74.74	
			<i>For Parallel Blade Damper, Add</i>	23.00	
23 33 13	13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	80.98	12.62
			<i>For Stainless Steel, Add</i>	56.06	
			<i>For Parallel Blade Damper, Add</i>	17.25	
23 33 13	13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	86.75	13.52
			<i>For Stainless Steel, Add</i>	60.05	
			<i>For Parallel Blade Damper, Add</i>	18.48	
23 33 13	13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	94.34	15.05
			<i>For Stainless Steel, Add</i>	64.06	
			<i>For Parallel Blade Damper, Add</i>	19.71	
23 33 13	13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	103.99	16.49
			<i>For Stainless Steel, Add</i>	70.75	
			<i>For Parallel Blade Damper, Add</i>	21.77	
23 33 13	13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	112.60	18.03
			<i>For Stainless Steel, Add</i>	76.08	
			<i>For Parallel Blade Damper, Add</i>	23.41	
23 33 13	13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	122.23	19.47
			<i>For Stainless Steel, Add</i>	82.73	
			<i>For Parallel Blade Damper, Add</i>	25.46	
23 33 13	13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	129.82	21.00
			<i>For Stainless Steel, Add</i>	86.75	
			<i>For Parallel Blade Damper, Add</i>	26.69	
23 33 13	13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	85.73	13.52
			<i>For Stainless Steel, Add</i>	58.72	
			<i>For Parallel Blade Damper, Add</i>	18.07	
23 33 13	13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	94.33	15.05
			<i>For Stainless Steel, Add</i>	64.05	
			<i>For Parallel Blade Damper, Add</i>	19.71	
23 33 13	13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	102.95	16.49
			<i>For Stainless Steel, Add</i>	69.39	
			<i>For Parallel Blade Damper, Add</i>	21.35	
23 33 13	13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.68	18.03
			<i>For Stainless Steel, Add</i>	80.08	
			<i>For Parallel Blade Damper, Add</i>	24.64	
23 33 13	13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	123.28	19.47
			<i>For Stainless Steel, Add</i>	84.10	
			<i>For Parallel Blade Damper, Add</i>	25.88	
23 33 13	13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	130.86	21.00
			<i>For Stainless Steel, Add</i>	88.10	
			<i>For Parallel Blade Damper, Add</i>	27.11	
23 33 13	13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.46	22.54
			<i>For Stainless Steel, Add</i>	93.42	
			<i>For Parallel Blade Damper, Add</i>	28.74	
23 33 13	13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	148.07	23.98
			<i>For Stainless Steel, Add</i>	98.75	
			<i>For Parallel Blade Damper, Add</i>	30.38	
23 33 13	13-0052	EA	24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	96.39	15.05
			<i>For Stainless Steel, Add</i>	66.73	
			<i>For Parallel Blade Damper, Add</i>	20.53	
23 33 13	13-0053	EA	24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.06	16.49
			<i>For Stainless Steel, Add</i>	74.74	
			<i>For Parallel Blade Damper, Add</i>	23.00	
23 33 13	13-0054	EA	24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.68	18.03
			<i>For Stainless Steel, Add</i>	80.08	
			<i>For Parallel Blade Damper, Add</i>	24.64	
23 33 13	13-0055	EA	24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	126.36	19.47
			<i>For Stainless Steel, Add</i>	88.10	
			<i>For Parallel Blade Damper, Add</i>	27.11	
23 33 13	13-0056	EA	24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	133.93	21.00
			<i>For Stainless Steel, Add</i>	92.09	
			<i>For Parallel Blade Damper, Add</i>	28.34	
23 33 13	13-0057	EA	24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	141.52	22.54
			<i>For Stainless Steel, Add</i>	96.10	
			<i>For Parallel Blade Damper, Add</i>	29.57	
23 33 13	13-0058	EA	24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	152.18	23.98
			<i>For Stainless Steel, Add</i>	104.09	
			<i>For Parallel Blade Damper, Add</i>	32.03	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0059	EA	24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	167.34	27.04
		For Stainless Steel, Add	112.09	
		For Parallel Blade Damper, Add	34.49	
23 33 13 13-0060	EA	24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	184.59	30.01
		For Stainless Steel, Add	122.80	
		For Parallel Blade Damper, Add	37.78	
23 33 13 13-0061	EA	28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	107.06	16.49
		For Stainless Steel, Add	74.74	
		For Parallel Blade Damper, Add	23.00	
23 33 13 13-0062	EA	28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	115.68	18.03
		For Stainless Steel, Add	80.08	
		For Parallel Blade Damper, Add	24.64	
23 33 13 13-0063	EA	28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	126.36	19.47
		For Stainless Steel, Add	88.10	
		For Parallel Blade Damper, Add	27.11	
23 33 13 13-0064	EA	28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.95	21.00
		For Stainless Steel, Add	93.42	
		For Parallel Blade Damper, Add	28.74	
23 33 13 13-0065	EA	28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	144.59	22.54
		For Stainless Steel, Add	100.09	
		For Parallel Blade Damper, Add	30.80	
23 33 13 13-0066	EA	28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.22	23.98
		For Stainless Steel, Add	106.74	
		For Parallel Blade Damper, Add	32.84	
23 33 13 13-0067	EA	28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.40	27.04
		For Stainless Steel, Add	114.76	
		For Parallel Blade Damper, Add	35.31	
23 33 13 13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	184.59	30.01
		For Stainless Steel, Add	122.80	
		For Parallel Blade Damper, Add	37.78	
23 33 13 13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	201.40	31.54
		For Stainless Steel, Add	138.79	
		For Parallel Blade Damper, Add	42.70	
23 33 13 13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	220.67	34.52
		For Stainless Steel, Add	152.13	
		For Parallel Blade Damper, Add	46.81	
23 33 13 13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	121.85	18.03
		For Stainless Steel, Add	88.10	
		For Parallel Blade Damper, Add	27.11	
23 33 13 13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	128.40	19.47
		For Stainless Steel, Add	90.75	
		For Parallel Blade Damper, Add	27.92	
23 33 13 13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	134.95	21.00
		For Stainless Steel, Add	93.42	
		For Parallel Blade Damper, Add	28.74	
23 33 13 13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	143.56	22.54
		For Stainless Steel, Add	98.75	
		For Parallel Blade Damper, Add	30.38	
23 33 13 13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	154.62	23.98
		For Stainless Steel, Add	107.26	
		For Parallel Blade Damper, Add	33.00	
23 33 13 13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.40	27.04
		For Stainless Steel, Add	114.76	
		For Parallel Blade Damper, Add	35.31	
23 33 13 13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	186.64	30.01
		For Stainless Steel, Add	125.46	
		For Parallel Blade Damper, Add	38.60	
23 33 13 13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.86	32.99
		For Stainless Steel, Add	136.14	
		For Parallel Blade Damper, Add	41.89	
23 33 13 13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	220.67	34.52
		For Stainless Steel, Add	152.13	
		For Parallel Blade Damper, Add	46.81	
23 33 13 13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.27	36.95
		For Stainless Steel, Add	170.83	
		For Parallel Blade Damper, Add	52.56	
23 33 13 13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	265.01	39.03
		For Stainless Steel, Add	192.19	
		For Parallel Blade Damper, Add	59.14	
23 33 13 13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	132.51	19.47
		For Stainless Steel, Add	96.10	
		For Parallel Blade Damper, Add	29.57	
23 33 13 13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	141.11	21.00
		For Stainless Steel, Add	101.43	
		For Parallel Blade Damper, Add	31.21	
23 33 13 13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	149.71	22.54
		For Stainless Steel, Add	106.74	
		For Parallel Blade Damper, Add	32.84	
23 33 13 13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.39	23.98
		For Stainless Steel, Add	114.76	
		For Parallel Blade Damper, Add	35.31	
23 33 13 13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	172.50	27.04
		For Stainless Steel, Add	118.79	
		For Parallel Blade Damper, Add	36.55	
23 33 13 13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	180.09	28.48
		For Stainless Steel, Add	122.80	
		For Parallel Blade Damper, Add	37.78	
23 33 13 13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.86	32.99
		For Stainless Steel, Add	136.14	
		For Parallel Blade Damper, Add	41.89	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 13 13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.13	36.05
		<i>For Stainless Steel, Add</i>	149.46	
		<i>For Parallel Blade Damper, Add</i>	45.99	
23 33 13 13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.06	37.23
		<i>For Stainless Steel, Add</i>	165.49	
		<i>For Parallel Blade Damper, Add</i>	50.92	
23 33 13 13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.59	39.93
		<i>For Stainless Steel, Add</i>	186.82	
		<i>For Parallel Blade Damper, Add</i>	57.48	
23 33 13 13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.28	42.01
		<i>For Stainless Steel, Add</i>	205.52	
		<i>For Parallel Blade Damper, Add</i>	63.24	
23 33 13 13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	305.22	43.53
		<i>For Stainless Steel, Add</i>	226.88	
		<i>For Parallel Blade Damper, Add</i>	69.81	
23 33 13 13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	139.05	22.54
		<i>For Stainless Steel, Add</i>	98.75	
		<i>For Parallel Blade Damper, Add</i>	30.38	
23 33 13 13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	151.77	23.98
		<i>For Stainless Steel, Add</i>	109.42	
		<i>For Parallel Blade Damper, Add</i>	33.67	
23 33 13 13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.33	25.51
		<i>For Stainless Steel, Add</i>	112.09	
		<i>For Parallel Blade Damper, Add</i>	34.49	
23 33 13 13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	164.90	27.04
		<i>For Stainless Steel, Add</i>	114.76	
		<i>For Parallel Blade Damper, Add</i>	35.31	
23 33 13 13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	181.10	28.48
		<i>For Stainless Steel, Add</i>	124.11	
		<i>For Parallel Blade Damper, Add</i>	38.19	
23 33 13 13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.80	30.01
		<i>For Stainless Steel, Add</i>	133.47	
		<i>For Parallel Blade Damper, Add</i>	41.07	
23 33 13 13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	214.52	34.52
		<i>For Stainless Steel, Add</i>	144.13	
		<i>For Parallel Blade Damper, Add</i>	44.35	
23 33 13 13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.76	37.50
		<i>For Stainless Steel, Add</i>	154.82	
		<i>For Parallel Blade Damper, Add</i>	47.64	
23 33 13 13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	251.29	39.93
		<i>For Stainless Steel, Add</i>	170.83	
		<i>For Parallel Blade Damper, Add</i>	52.56	
23 33 13 13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	280.18	42.01
		<i>For Stainless Steel, Add</i>	200.19	
		<i>For Parallel Blade Damper, Add</i>	61.60	
23 33 13 13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.69	44.44
		<i>For Stainless Steel, Add</i>	216.18	
		<i>For Parallel Blade Damper, Add</i>	66.52	
23 33 13 13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	325.89	45.61
		<i>For Stainless Steel, Add</i>	245.56	
		<i>For Parallel Blade Damper, Add</i>	75.56	
23 33 13 13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	353.65	48.04
		<i>For Stainless Steel, Add</i>	272.26	
		<i>For Parallel Blade Damper, Add</i>	83.77	
23 33 13 13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	147.67	22.54
		<i>For Stainless Steel, Add</i>	104.09	
		<i>For Parallel Blade Damper, Add</i>	32.03	
23 33 13 13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	160.39	23.98
		<i>For Stainless Steel, Add</i>	114.76	
		<i>For Parallel Blade Damper, Add</i>	35.31	
23 33 13 13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.08	25.51
		<i>For Stainless Steel, Add</i>	122.80	
		<i>For Parallel Blade Damper, Add</i>	37.78	
23 33 13 13-0110	EA	44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.63	27.04
		<i>For Stainless Steel, Add</i>	125.46	
		<i>For Parallel Blade Damper, Add</i>	38.60	
23 33 13 13-0111	EA	44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	190.35	28.48
		<i>For Stainless Steel, Add</i>	136.14	
		<i>For Parallel Blade Damper, Add</i>	41.89	
23 33 13 13-0112	EA	44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	203.06	30.01
		<i>For Stainless Steel, Add</i>	146.81	
		<i>For Parallel Blade Damper, Add</i>	45.17	
23 33 13 13-0113	EA	44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	231.36	36.05
		<i>For Stainless Steel, Add</i>	160.16	
		<i>For Parallel Blade Damper, Add</i>	49.28	
23 33 13 13-0114	EA	44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	250.62	39.03
		<i>For Stainless Steel, Add</i>	173.49	
		<i>For Parallel Blade Damper, Add</i>	53.38	
23 33 13 13-0115	EA	44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	280.18	42.01
		<i>For Stainless Steel, Add</i>	200.19	
		<i>For Parallel Blade Damper, Add</i>	61.60	
23 33 13 13-0116	EA	44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	307.67	45.06
		<i>For Stainless Steel, Add</i>	224.21	
		<i>For Parallel Blade Damper, Add</i>	68.99	
23 33 13 13-0117	EA	44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	337.21	48.04
		<i>For Stainless Steel, Add</i>	250.89	
		<i>For Parallel Blade Damper, Add</i>	77.20	
23 33 13 13-0118	EA	44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	360.18	49.48
		<i>For Stainless Steel, Add</i>	274.91	
		<i>For Parallel Blade Damper, Add</i>	84.59	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0119	EA			44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	383.17	51.01
				For Stainless Steel, Add	298.94	
				For Parallel Blade Damper, Add	91.98	
23 33 13 13-0120	EA			44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	406.17	52.55
				For Stainless Steel, Add	322.97	
				For Parallel Blade Damper, Add	99.38	
23 33 13 13-0121	EA			48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	158.33	23.98
				For Stainless Steel, Add	112.09	
				For Parallel Blade Damper, Add	34.49	
23 33 13 13-0122	EA			48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	171.08	25.51
				For Stainless Steel, Add	122.80	
				For Parallel Blade Damper, Add	37.78	
23 33 13 13-0123	EA			48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.63	27.04
				For Stainless Steel, Add	125.46	
				For Parallel Blade Damper, Add	38.60	
23 33 13 13-0124	EA			48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.80	30.01
				For Stainless Steel, Add	133.47	
				For Parallel Blade Damper, Add	41.07	
23 33 13 13-0125	EA			48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.01	32.99
				For Stainless Steel, Add	144.13	
				For Parallel Blade Damper, Add	44.35	
23 33 13 13-0126	EA			48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	227.25	36.05
				For Stainless Steel, Add	154.82	
				For Parallel Blade Damper, Add	47.64	
23 33 13 13-0127	EA			48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	248.58	39.03
				For Stainless Steel, Add	170.83	
				For Parallel Blade Damper, Add	52.56	
23 33 13 13-0128	EA			48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	269.90	42.01
				For Stainless Steel, Add	186.82	
				For Parallel Blade Damper, Add	57.48	
23 33 13 13-0129	EA			48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	297.40	45.06
				For Stainless Steel, Add	210.86	
				For Parallel Blade Damper, Add	64.88	
23 33 13 13-0130	EA			48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	329.00	48.04
				For Stainless Steel, Add	240.21	
				For Parallel Blade Damper, Add	73.91	
23 33 13 13-0131	EA			48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	351.99	49.48
				For Stainless Steel, Add	264.26	
				For Parallel Blade Damper, Add	81.31	
23 33 13 13-0132	EA			48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.12	51.01
				For Stainless Steel, Add	296.27	
				For Parallel Blade Damper, Add	91.16	
23 33 13 13-0133	EA			48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	408.62	53.99
				For Stainless Steel, Add	320.29	
				For Parallel Blade Damper, Add	98.55	
23 33 13 13-0134	EA			48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	437.76	55.52
				For Stainless Steel, Add	352.33	
				For Parallel Blade Damper, Add	108.41	
23 33 13 13-0135	EA			48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	467.71	60.03
				For Stainless Steel, Add	373.67	
				For Parallel Blade Damper, Add	114.98	
23 33 13 13-0136	EA			52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	169.02	25.51
				For Stainless Steel, Add	120.12	
				For Parallel Blade Damper, Add	36.96	
23 33 13 13-0137	EA			52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	181.73	27.04
				For Stainless Steel, Add	130.79	
				For Parallel Blade Damper, Add	40.24	
23 33 13 13-0138	EA			52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	198.95	30.01
				For Stainless Steel, Add	141.47	
				For Parallel Blade Damper, Add	43.53	
23 33 13 13-0139	EA			52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	210.01	32.99
				For Stainless Steel, Add	144.13	
				For Parallel Blade Damper, Add	44.35	
23 33 13 13-0140	EA			52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	228.28	36.05
				For Stainless Steel, Add	156.16	
				For Parallel Blade Damper, Add	48.05	
23 33 13 13-0141	EA			52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	246.53	39.03
				For Stainless Steel, Add	168.17	
				For Parallel Blade Damper, Add	51.74	
23 33 13 13-0142	EA			52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	267.86	42.01
				For Stainless Steel, Add	184.17	
				For Parallel Blade Damper, Add	56.67	
23 33 13 13-0143	EA			52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	289.19	45.06
				For Stainless Steel, Add	200.19	
				For Parallel Blade Damper, Add	61.60	
23 33 13 13-0144	EA			52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	316.69	48.04
				For Stainless Steel, Add	224.21	
				For Parallel Blade Damper, Add	68.99	
23 33 13 13-0145	EA			52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	350.32	51.01
				For Stainless Steel, Add	256.23	
				For Parallel Blade Damper, Add	78.84	
23 33 13 13-0146	EA			52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	375.35	52.55
				For Stainless Steel, Add	282.91	
				For Parallel Blade Damper, Add	87.05	
23 33 13 13-0147	EA			52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	406.57	53.99
				For Stainless Steel, Add	317.63	
				For Parallel Blade Damper, Add	97.73	
23 33 13 13-0148	EA			52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	440.20	57.06
				For Stainless Steel, Add	349.64	
				For Parallel Blade Damper, Add	107.58	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	467.71	60.03
			<i>For Stainless Steel, Add</i>	373.67	
			<i>For Parallel Blade Damper, Add</i>	114.98	
23 33 13	13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	505.87	64.53
			<i>For Stainless Steel, Add</i>	405.70	
			<i>For Parallel Blade Damper, Add</i>	124.83	
23 33 13	13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	535.42	67.51
			<i>For Stainless Steel, Add</i>	432.41	
			<i>For Parallel Blade Damper, Add</i>	133.05	
23 33 13	13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	177.63	27.04
			<i>For Stainless Steel, Add</i>	125.46	
			<i>For Parallel Blade Damper, Add</i>	38.60	
23 33 13	13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	196.89	30.01
			<i>For Stainless Steel, Add</i>	138.79	
			<i>For Parallel Blade Damper, Add</i>	42.70	
23 33 13	13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.07	32.99
			<i>For Stainless Steel, Add</i>	146.81	
			<i>For Parallel Blade Damper, Add</i>	45.17	
23 33 13	13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	223.13	36.05
			<i>For Stainless Steel, Add</i>	149.46	
			<i>For Parallel Blade Damper, Add</i>	45.99	
23 33 13	13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	243.44	39.03
			<i>For Stainless Steel, Add</i>	164.15	
			<i>For Parallel Blade Damper, Add</i>	50.51	
23 33 13	13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	263.75	42.01
			<i>For Stainless Steel, Add</i>	178.83	
			<i>For Parallel Blade Damper, Add</i>	55.02	
23 33 13	13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	284.05	45.06
			<i>For Stainless Steel, Add</i>	193.51	
			<i>For Parallel Blade Damper, Add</i>	59.54	
23 33 13	13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	304.36	48.04
			<i>For Stainless Steel, Add</i>	208.18	
			<i>For Parallel Blade Damper, Add</i>	64.06	
23 33 13	13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	338.00	51.01
			<i>For Stainless Steel, Add</i>	240.21	
			<i>For Parallel Blade Damper, Add</i>	73.91	
23 33 13	13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	367.16	52.55
			<i>For Stainless Steel, Add</i>	272.26	
			<i>For Parallel Blade Damper, Add</i>	83.77	
23 33 13	13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	394.25	53.99
			<i>For Stainless Steel, Add</i>	301.61	
			<i>For Parallel Blade Damper, Add</i>	92.80	
23 33 13	13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	432.00	57.06
			<i>For Stainless Steel, Add</i>	338.98	
			<i>For Parallel Blade Damper, Add</i>	104.30	
23 33 13	13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	465.66	60.03
			<i>For Stainless Steel, Add</i>	371.01	
			<i>For Parallel Blade Damper, Add</i>	114.16	
23 33 13	13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.36	63.00
			<i>For Stainless Steel, Add</i>	405.70	
			<i>For Parallel Blade Damper, Add</i>	124.83	
23 33 13	13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	530.92	66.07
			<i>For Stainless Steel, Add</i>	432.41	
			<i>For Parallel Blade Damper, Add</i>	133.05	
23 33 13	13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	566.61	69.04
			<i>For Stainless Steel, Add</i>	467.10	
			<i>For Parallel Blade Damper, Add</i>	143.72	
23 33 13	13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	602.32	72.02
			<i>For Stainless Steel, Add</i>	501.80	
			<i>For Parallel Blade Damper, Add</i>	154.40	
23 33 13	13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	192.80	30.01
			<i>For Stainless Steel, Add</i>	133.47	
			<i>For Parallel Blade Damper, Add</i>	41.07	
23 33 13	13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	212.07	32.99
			<i>For Stainless Steel, Add</i>	146.81	
			<i>For Parallel Blade Damper, Add</i>	45.17	
23 33 13	13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	225.18	36.05
			<i>For Stainless Steel, Add</i>	152.13	
			<i>For Parallel Blade Damper, Add</i>	46.81	
23 33 13	13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	236.26	39.03
			<i>For Stainless Steel, Add</i>	154.82	
			<i>For Parallel Blade Damper, Add</i>	47.64	
23 33 13	13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.60	42.01
			<i>For Stainless Steel, Add</i>	170.83	
			<i>For Parallel Blade Damper, Add</i>	52.56	
23 33 13	13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	278.91	45.06
			<i>For Stainless Steel, Add</i>	186.82	
			<i>For Parallel Blade Damper, Add</i>	57.48	
23 33 13	13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	301.28	48.04
			<i>For Stainless Steel, Add</i>	204.18	
			<i>For Parallel Blade Damper, Add</i>	62.82	
23 33 13	13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.63	51.01
			<i>For Stainless Steel, Add</i>	221.53	
			<i>For Parallel Blade Damper, Add</i>	68.16	
23 33 13	13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	354.83	52.55
			<i>For Stainless Steel, Add</i>	256.23	
			<i>For Parallel Blade Damper, Add</i>	78.84	
23 33 13	13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	383.97	53.99
			<i>For Stainless Steel, Add</i>	288.25	
			<i>For Parallel Blade Damper, Add</i>	88.69	

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

23 33 13 13-0179	EA		60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	419.69	57.06
			<i>For Stainless Steel, Add</i>	322.97	
			<i>For Parallel Blade Damper, Add</i>	99.38	
23 33 13 13-0180	EA		60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	455.40	60.03
			<i>For Stainless Steel, Add</i>	357.67	
			<i>For Parallel Blade Damper, Add</i>	110.05	
23 33 13 13-0181	EA		60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	484.93	63.00
			<i>For Stainless Steel, Add</i>	384.35	
			<i>For Parallel Blade Damper, Add</i>	118.26	
23 33 13 13-0182	EA		60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	526.79	66.07
			<i>For Stainless Steel, Add</i>	427.04	
			<i>For Parallel Blade Damper, Add</i>	131.40	
23 33 13 13-0183	EA		60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	564.54	69.04
			<i>For Stainless Steel, Add</i>	464.41	
			<i>For Parallel Blade Damper, Add</i>	142.90	
23 33 13 13-0184	EA		60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	602.32	72.02
			<i>For Stainless Steel, Add</i>	501.80	
			<i>For Parallel Blade Damper, Add</i>	154.40	
23 33 13 13-0185	EA		60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	635.94	75.08
			<i>For Stainless Steel, Add</i>	533.79	
			<i>For Parallel Blade Damper, Add</i>	164.24	
23 33 13 13-0186	EA		60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	669.62	78.05
			<i>For Stainless Steel, Add</i>	565.85	
			<i>For Parallel Blade Damper, Add</i>	174.11	

23 33 13 16 Fire Dampers (23 33 13)
23 33 13 16-0001 Fire Dampers (23 33 13 16)

23 33 13 16-0002	SF		Fire Damper, Vertical Curtain Type	50.68	9.74
			<i>For Smoke Damper, Add</i>	18.17	
			<i>For Horizontal, Add</i>	3.21	
			<i>For Dynamic Damper, Add</i>	4.81	
			<i>For 3 Hour Rated, Add</i>	4.28	
23 33 13 16-0003	SF		Fire Damper, Vertical Louver Type	62.35	9.74
			<i>For Smoke Damper, Add</i>	28.09	
			<i>For Horizontal, Add</i>	4.96	
			<i>For Dynamic Damper, Add</i>	7.44	
			<i>For 3 Hour Rated, Add</i>	6.61	

23 33 13 16-0004 Folding Curtain Fire Dampers (23 33 13 16)

Note: UL Listed. Air stream galvanized steel construction with fusible link 160 F spring actuated for horizontal mount gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005	EA		6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	46.41	10.00
			<i>For Horizontal, Add</i>	2.46	
			<i>For Dynamic Damper, Add</i>	3.69	
			<i>For 3 Hour Rated, Add</i>	3.28	
			<i>For Damper Blades Outside Air Stream, Add</i>	4.92	
23 33 13 16-0006	EA		8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	48.93	10.45
			<i>For Horizontal, Add</i>	2.63	
			<i>For Dynamic Damper, Add</i>	3.95	
			<i>For 3 Hour Rated, Add</i>	3.51	
			<i>For Damper Blades Outside Air Stream, Add</i>	5.27	
23 33 13 16-0007	EA		8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	50.28	10.54
			<i>For Horizontal, Add</i>	2.81	
			<i>For Dynamic Damper, Add</i>	4.22	
			<i>For 3 Hour Rated, Add</i>	3.75	
			<i>For Damper Blades Outside Air Stream, Add</i>	5.62	
23 33 13 16-0008	EA		10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	50.28	10.54
			<i>For Horizontal, Add</i>	2.81	
			<i>For Dynamic Damper, Add</i>	4.22	
			<i>For 3 Hour Rated, Add</i>	3.75	
			<i>For Damper Blades Outside Air Stream, Add</i>	5.62	
23 33 13 16-0009	EA		10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	52.36	10.82
			<i>For Horizontal, Add</i>	2.99	
			<i>For Dynamic Damper, Add</i>	4.48	
			<i>For 3 Hour Rated, Add</i>	3.98	
			<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
23 33 13 16-0010	EA		10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	58.30	11.98
			<i>For Horizontal, Add</i>	3.34	
			<i>For Dynamic Damper, Add</i>	5.01	
			<i>For 3 Hour Rated, Add</i>	4.45	
			<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
23 33 13 16-0011	EA		12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	52.36	10.82
			<i>For Horizontal, Add</i>	2.99	
			<i>For Dynamic Damper, Add</i>	4.48	
			<i>For 3 Hour Rated, Add</i>	3.98	
			<i>For Damper Blades Outside Air Stream, Add</i>	5.97	
23 33 13 16-0012	EA		12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	56.50	11.45
			<i>For Horizontal, Add</i>	3.34	
			<i>For Dynamic Damper, Add</i>	5.01	
			<i>For 3 Hour Rated, Add</i>	4.45	
			<i>For Damper Blades Outside Air Stream, Add</i>	6.68	
23 33 13 16-0013	EA		12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.47	11.98
			<i>For Horizontal, Add</i>	3.51	
			<i>For Dynamic Damper, Add</i>	5.27	
			<i>For 3 Hour Rated, Add</i>	4.68	
			<i>For Damper Blades Outside Air Stream, Add</i>	7.03	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0014	EA 12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	65.16	13.52
	<i>For Horizontal, Add</i>	3.69	
	<i>For Dynamic Damper, Add</i>	5.54	
	<i>For 3 Hour Rated, Add</i>	4.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0015	EA 14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	55.92	11.45
	<i>For Horizontal, Add</i>	3.25	
	<i>For Dynamic Damper, Add</i>	4.88	
	<i>For 3 Hour Rated, Add</i>	4.33	
	<i>For Damper Blades Outside Air Stream, Add</i>	6.50	
23 33 13 16-0016	EA 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.47	11.98
	<i>For Horizontal, Add</i>	3.51	
	<i>For Dynamic Damper, Add</i>	5.27	
	<i>For 3 Hour Rated, Add</i>	4.68	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
23 33 13 16-0017	EA 14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.46	12.62
	<i>For Horizontal, Add</i>	3.69	
	<i>For Dynamic Damper, Add</i>	5.54	
	<i>For 3 Hour Rated, Add</i>	4.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0018	EA 14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.33	13.52
	<i>For Horizontal, Add</i>	3.87	
	<i>For Dynamic Damper, Add</i>	5.80	
	<i>For 3 Hour Rated, Add</i>	5.15	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0019	EA 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	73.76	15.05
	<i>For Horizontal, Add</i>	4.31	
	<i>For Dynamic Damper, Add</i>	6.46	
	<i>For 3 Hour Rated, Add</i>	5.74	
	<i>For Damper Blades Outside Air Stream, Add</i>	8.61	
23 33 13 16-0020	EA 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	59.47	11.98
	<i>For Horizontal, Add</i>	3.51	
	<i>For Dynamic Damper, Add</i>	5.27	
	<i>For 3 Hour Rated, Add</i>	4.68	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.03	
23 33 13 16-0021	EA 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.36	12.89
	<i>For Horizontal, Add</i>	3.69	
	<i>For Dynamic Damper, Add</i>	5.54	
	<i>For 3 Hour Rated, Add</i>	4.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0022	EA 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.13	14.15
	<i>For Horizontal, Add</i>	3.87	
	<i>For Dynamic Damper, Add</i>	5.80	
	<i>For 3 Hour Rated, Add</i>	5.15	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0023	EA 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	71.99	15.05
	<i>For Horizontal, Add</i>	4.04	
	<i>For Dynamic Damper, Add</i>	6.06	
	<i>For 3 Hour Rated, Add</i>	5.39	
	<i>For Damper Blades Outside Air Stream, Add</i>	8.08	
23 33 13 16-0024	EA 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	79.44	16.49
	<i>For Horizontal, Add</i>	4.48	
	<i>For Dynamic Damper, Add</i>	6.72	
	<i>For 3 Hour Rated, Add</i>	5.97	
	<i>For Damper Blades Outside Air Stream, Add</i>	8.96	
23 33 13 16-0025	EA 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	86.88	18.03
	<i>For Horizontal, Add</i>	4.92	
	<i>For Dynamic Damper, Add</i>	7.38	
	<i>For 3 Hour Rated, Add</i>	6.56	
	<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
23 33 13 16-0026	EA 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	62.46	12.62
	<i>For Horizontal, Add</i>	3.69	
	<i>For Dynamic Damper, Add</i>	5.54	
	<i>For 3 Hour Rated, Add</i>	4.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.38	
23 33 13 16-0027	EA 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.91	13.52
	<i>For Horizontal, Add</i>	3.95	
	<i>For Dynamic Damper, Add</i>	5.93	
	<i>For 3 Hour Rated, Add</i>	5.27	
	<i>For Damper Blades Outside Air Stream, Add</i>	7.91	
23 33 13 16-0028	EA 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	73.18	15.05
	<i>For Horizontal, Add</i>	4.22	
	<i>For Dynamic Damper, Add</i>	6.33	
	<i>For 3 Hour Rated, Add</i>	5.62	
	<i>For Damper Blades Outside Air Stream, Add</i>	8.44	
23 33 13 16-0029	EA 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.61	16.49
	<i>For Horizontal, Add</i>	4.66	
	<i>For Dynamic Damper, Add</i>	6.98	
	<i>For 3 Hour Rated, Add</i>	6.21	
	<i>For Damper Blades Outside Air Stream, Add</i>	9.31	
23 33 13 16-0030	EA 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.46	18.03
	<i>For Horizontal, Add</i>	5.01	
	<i>For Dynamic Damper, Add</i>	7.51	
	<i>For 3 Hour Rated, Add</i>	6.68	
	<i>For Damper Blades Outside Air Stream, Add</i>	10.01	
23 33 13 16-0031	EA 18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.90	19.47
	<i>For Horizontal, Add</i>	5.45	
	<i>For Dynamic Damper, Add</i>	8.17	
	<i>For 3 Hour Rated, Add</i>	7.26	
	<i>For Damper Blades Outside Air Stream, Add</i>	10.89	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 33 13 16-0032	EA	18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.16	21.00
		<i>For Horizontal, Add</i>	5.71	
		<i>For Dynamic Damper, Add</i>	8.57	
		<i>For 3 Hour Rated, Add</i>	7.61	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.42	
23 33 13 16-0033	EA	20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.33	13.52
		<i>For Horizontal, Add</i>	3.87	
		<i>For Dynamic Damper, Add</i>	5.80	
		<i>For 3 Hour Rated, Add</i>	5.15	
		<i>For Damper Blades Outside Air Stream, Add</i>	7.73	
23 33 13 16-0034	EA	20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	73.17	15.05
		<i>For Horizontal, Add</i>	4.22	
		<i>For Dynamic Damper, Add</i>	6.32	
		<i>For 3 Hour Rated, Add</i>	5.62	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.43	
23 33 13 16-0035	EA	20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	80.02	16.49
		<i>For Horizontal, Add</i>	4.57	
		<i>For Dynamic Damper, Add</i>	6.85	
		<i>For 3 Hour Rated, Add</i>	6.09	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.14	
23 33 13 16-0036	EA	20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.23	18.03
		<i>For Horizontal, Add</i>	5.27	
		<i>For Dynamic Damper, Add</i>	7.91	
		<i>For 3 Hour Rated, Add</i>	7.03	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
23 33 13 16-0037	EA	20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	95.49	19.47
		<i>For Horizontal, Add</i>	5.54	
		<i>For Dynamic Damper, Add</i>	8.30	
		<i>For 3 Hour Rated, Add</i>	7.38	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.07	
23 33 13 16-0038	EA	20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.75	21.00
		<i>For Horizontal, Add</i>	5.80	
		<i>For Dynamic Damper, Add</i>	8.70	
		<i>For 3 Hour Rated, Add</i>	7.73	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
23 33 13 16-0039	EA	20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.60	22.54
		<i>For Horizontal, Add</i>	6.15	
		<i>For Dynamic Damper, Add</i>	9.23	
		<i>For 3 Hour Rated, Add</i>	8.20	
		<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
23 33 13 16-0040	EA	20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.44	23.98
		<i>For Horizontal, Add</i>	6.50	
		<i>For Dynamic Damper, Add</i>	9.75	
		<i>For 3 Hour Rated, Add</i>	8.67	
		<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
23 33 13 16-0041	EA	24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.34	15.05
		<i>For Horizontal, Add</i>	4.39	
		<i>For Dynamic Damper, Add</i>	6.59	
		<i>For 3 Hour Rated, Add</i>	5.86	
		<i>For Damper Blades Outside Air Stream, Add</i>	8.78	
23 33 13 16-0042	EA	24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.37	16.49
		<i>For Horizontal, Add</i>	4.92	
		<i>For Dynamic Damper, Add</i>	7.38	
		<i>For 3 Hour Rated, Add</i>	6.56	
		<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
23 33 13 16-0043	EA	24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.23	18.03
		<i>For Horizontal, Add</i>	5.27	
		<i>For Dynamic Damper, Add</i>	7.91	
		<i>For 3 Hour Rated, Add</i>	7.03	
		<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
23 33 13 16-0044	EA	24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.25	19.47
		<i>For Horizontal, Add</i>	5.80	
		<i>For Dynamic Damper, Add</i>	8.70	
		<i>For 3 Hour Rated, Add</i>	7.73	
		<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
23 33 13 16-0045	EA	24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.50	21.00
		<i>For Horizontal, Add</i>	6.06	
		<i>For Dynamic Damper, Add</i>	9.09	
		<i>For 3 Hour Rated, Add</i>	8.08	
		<i>For Damper Blades Outside Air Stream, Add</i>	12.12	
23 33 13 16-0046	EA	24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.77	22.54
		<i>For Horizontal, Add</i>	6.33	
		<i>For Dynamic Damper, Add</i>	9.49	
		<i>For 3 Hour Rated, Add</i>	8.43	
		<i>For Damper Blades Outside Air Stream, Add</i>	12.65	
23 33 13 16-0047	EA	24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	117.79	23.98
		<i>For Horizontal, Add</i>	6.85	
		<i>For Dynamic Damper, Add</i>	10.28	
		<i>For 3 Hour Rated, Add</i>	9.14	
		<i>For Damper Blades Outside Air Stream, Add</i>	13.70	
23 33 13 16-0048	EA	24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.31	27.04
		<i>For Horizontal, Add</i>	7.38	
		<i>For Dynamic Damper, Add</i>	11.07	
		<i>For 3 Hour Rated, Add</i>	9.84	
		<i>For Damper Blades Outside Air Stream, Add</i>	14.76	
23 33 13 16-0049	EA	24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	144.02	30.01
		<i>For Horizontal, Add</i>	8.08	
		<i>For Dynamic Damper, Add</i>	12.13	
		<i>For 3 Hour Rated, Add</i>	10.78	
		<i>For Damper Blades Outside Air Stream, Add</i>	16.17	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0050	EA 28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.37	16.49
	<i>For Horizontal, Add</i>	4.92	
	<i>For Dynamic Damper, Add</i>	7.38	
	<i>For 3 Hour Rated, Add</i>	6.56	
	<i>For Damper Blades Outside Air Stream, Add</i>	9.84	
23 33 13 16-0051	EA 28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.23	18.03
	<i>For Horizontal, Add</i>	5.27	
	<i>For Dynamic Damper, Add</i>	7.91	
	<i>For 3 Hour Rated, Add</i>	7.03	
	<i>For Damper Blades Outside Air Stream, Add</i>	10.55	
23 33 13 16-0052	EA 28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.25	19.47
	<i>For Horizontal, Add</i>	5.80	
	<i>For Dynamic Damper, Add</i>	8.70	
	<i>For 3 Hour Rated, Add</i>	7.73	
	<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
23 33 13 16-0053	EA 28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.09	21.00
	<i>For Horizontal, Add</i>	6.15	
	<i>For Dynamic Damper, Add</i>	9.23	
	<i>For 3 Hour Rated, Add</i>	8.20	
	<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
23 33 13 16-0054	EA 28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.53	22.54
	<i>For Horizontal, Add</i>	6.59	
	<i>For Dynamic Damper, Add</i>	9.88	
	<i>For 3 Hour Rated, Add</i>	8.79	
	<i>For Damper Blades Outside Air Stream, Add</i>	13.18	
23 33 13 16-0055	EA 28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.96	23.98
	<i>For Horizontal, Add</i>	7.03	
	<i>For Dynamic Damper, Add</i>	10.54	
	<i>For 3 Hour Rated, Add</i>	9.37	
	<i>For Damper Blades Outside Air Stream, Add</i>	14.06	
23 33 13 16-0056	EA 28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	131.49	27.04
	<i>For Horizontal, Add</i>	7.56	
	<i>For Dynamic Damper, Add</i>	11.33	
	<i>For 3 Hour Rated, Add</i>	10.07	
	<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
23 33 13 16-0057	EA 28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	144.02	30.01
	<i>For Horizontal, Add</i>	8.08	
	<i>For Dynamic Damper, Add</i>	12.13	
	<i>For 3 Hour Rated, Add</i>	10.78	
	<i>For Damper Blades Outside Air Stream, Add</i>	16.17	
23 33 13 16-0058	EA 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.55	31.54
	<i>For Horizontal, Add</i>	9.14	
	<i>For Dynamic Damper, Add</i>	13.70	
	<i>For 3 Hour Rated, Add</i>	12.18	
	<i>For Damper Blades Outside Air Stream, Add</i>	18.27	
23 33 13 16-0059	EA 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.42	34.52
	<i>For Horizontal, Add</i>	10.02	
	<i>For Dynamic Damper, Add</i>	15.02	
	<i>For 3 Hour Rated, Add</i>	13.35	
	<i>For Damper Blades Outside Air Stream, Add</i>	20.03	
23 33 13 16-0060	EA 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	92.74	18.03
	<i>For Horizontal, Add</i>	5.80	
	<i>For Dynamic Damper, Add</i>	8.70	
	<i>For 3 Hour Rated, Add</i>	7.73	
	<i>For Damper Blades Outside Air Stream, Add</i>	11.60	
23 33 13 16-0061	EA 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	98.41	19.47
	<i>For Horizontal, Add</i>	5.97	
	<i>For Dynamic Damper, Add</i>	8.96	
	<i>For 3 Hour Rated, Add</i>	7.96	
	<i>For Damper Blades Outside Air Stream, Add</i>	11.95	
23 33 13 16-0062	EA 32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.09	21.00
	<i>For Horizontal, Add</i>	6.15	
	<i>For Dynamic Damper, Add</i>	9.23	
	<i>For 3 Hour Rated, Add</i>	8.20	
	<i>For Damper Blades Outside Air Stream, Add</i>	12.30	
23 33 13 16-0063	EA 32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.93	22.54
	<i>For Horizontal, Add</i>	6.50	
	<i>For Dynamic Damper, Add</i>	9.75	
	<i>For 3 Hour Rated, Add</i>	8.67	
	<i>For Damper Blades Outside Air Stream, Add</i>	13.00	
23 33 13 16-0064	EA 32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	119.18	23.98
	<i>For Horizontal, Add</i>	7.06	
	<i>For Dynamic Damper, Add</i>	10.59	
	<i>For 3 Hour Rated, Add</i>	9.41	
	<i>For Damper Blades Outside Air Stream, Add</i>	14.12	
23 33 13 16-0065	EA 32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	131.49	27.04
	<i>For Horizontal, Add</i>	7.56	
	<i>For Dynamic Damper, Add</i>	11.33	
	<i>For 3 Hour Rated, Add</i>	10.07	
	<i>For Damper Blades Outside Air Stream, Add</i>	15.11	
23 33 13 16-0066	EA 32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.19	30.01
	<i>For Horizontal, Add</i>	8.26	
	<i>For Dynamic Damper, Add</i>	12.39	
	<i>For 3 Hour Rated, Add</i>	11.01	
	<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
23 33 13 16-0067	EA 32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.88	32.99
	<i>For Horizontal, Add</i>	8.96	
	<i>For Dynamic Damper, Add</i>	13.44	
	<i>For 3 Hour Rated, Add</i>	11.95	
	<i>For Damper Blades Outside Air Stream, Add</i>	17.92	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 33 13 16-0068	EA	32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.42		34.52
		<i>For Horizontal, Add</i>	10.02		
		<i>For Dynamic Damper, Add</i>	15.02		
		<i>For 3 Hour Rated, Add</i>	13.35		
		<i>For Damper Blades Outside Air Stream, Add</i>	20.03		
23 33 13 16-0069	EA	32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.83		36.95
		<i>For Horizontal, Add</i>	11.25		
		<i>For Dynamic Damper, Add</i>	16.87		
		<i>For 3 Hour Rated, Add</i>	14.99		
		<i>For Damper Blades Outside Air Stream, Add</i>	22.49		
23 33 13 16-0070	EA	32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	201.51		39.03
		<i>For Horizontal, Add</i>	12.65		
		<i>For Dynamic Damper, Add</i>	18.98		
		<i>For 3 Hour Rated, Add</i>	16.87		
		<i>For Damper Blades Outside Air Stream, Add</i>	25.30		
23 33 13 16-0071	EA	36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.76		19.47
		<i>For Horizontal, Add</i>	6.33		
		<i>For Dynamic Damper, Add</i>	9.49		
		<i>For 3 Hour Rated, Add</i>	8.43		
		<i>For Damper Blades Outside Air Stream, Add</i>	12.65		
23 33 13 16-0072	EA	36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.60		21.00
		<i>For Horizontal, Add</i>	6.68		
		<i>For Dynamic Damper, Add</i>	10.01		
		<i>For 3 Hour Rated, Add</i>	8.90		
		<i>For Damper Blades Outside Air Stream, Add</i>	13.35		
23 33 13 16-0073	EA	36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	114.45		22.54
		<i>For Horizontal, Add</i>	7.03		
		<i>For Dynamic Damper, Add</i>	10.54		
		<i>For 3 Hour Rated, Add</i>	9.37		
		<i>For Damper Blades Outside Air Stream, Add</i>	14.06		
23 33 13 16-0074	EA	36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.48		23.98
		<i>For Horizontal, Add</i>	7.56		
		<i>For Dynamic Damper, Add</i>	11.33		
		<i>For 3 Hour Rated, Add</i>	10.07		
		<i>For Damper Blades Outside Air Stream, Add</i>	15.11		
23 33 13 16-0075	EA	36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.25		27.04
		<i>For Horizontal, Add</i>	7.82		
		<i>For Dynamic Damper, Add</i>	11.73		
		<i>For 3 Hour Rated, Add</i>	10.43		
		<i>For Damper Blades Outside Air Stream, Add</i>	15.64		
23 33 13 16-0076	EA	36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.52		28.48
		<i>For Horizontal, Add</i>	8.08		
		<i>For Dynamic Damper, Add</i>	12.13		
		<i>For 3 Hour Rated, Add</i>	10.78		
		<i>For Damper Blades Outside Air Stream, Add</i>	16.17		
23 33 13 16-0077	EA	36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	158.88		32.99
		<i>For Horizontal, Add</i>	8.96		
		<i>For Dynamic Damper, Add</i>	13.44		
		<i>For 3 Hour Rated, Add</i>	11.95		
		<i>For Damper Blades Outside Air Stream, Add</i>	17.92		
23 33 13 16-0078	EA	36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.75		36.05
		<i>For Horizontal, Add</i>	9.84		
		<i>For Dynamic Damper, Add</i>	14.76		
		<i>For 3 Hour Rated, Add</i>	13.12		
		<i>For Damper Blades Outside Air Stream, Add</i>	19.68		
23 33 13 16-0079	EA	36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.26		37.23
		<i>For Horizontal, Add</i>	6.23		
		<i>For Dynamic Damper, Add</i>	9.34		
		<i>For 3 Hour Rated, Add</i>	8.30		
		<i>For Damper Blades Outside Air Stream, Add</i>	12.45		
23 33 13 16-0080	EA	36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	201.87		39.93
		<i>For Horizontal, Add</i>	12.30		
		<i>For Dynamic Damper, Add</i>	18.45		
		<i>For 3 Hour Rated, Add</i>	16.40		
		<i>For Damper Blades Outside Air Stream, Add</i>	24.60		
23 33 13 16-0081	EA	36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	216.38		42.01
		<i>For Horizontal, Add</i>	13.53		
		<i>For Dynamic Damper, Add</i>	20.29		
		<i>For 3 Hour Rated, Add</i>	18.04		
		<i>For Damper Blades Outside Air Stream, Add</i>	27.06		
23 33 13 16-0082	EA	36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	230.26		43.53
		<i>For Horizontal, Add</i>	14.93		
		<i>For Dynamic Damper, Add</i>	22.40		
		<i>For 3 Hour Rated, Add</i>	19.91		
		<i>For Damper Blades Outside Air Stream, Add</i>	29.87		
23 33 13 16-0083	EA	40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	106.42		22.54
		<i>For Horizontal, Add</i>	6.50		
		<i>For Dynamic Damper, Add</i>	9.75		
		<i>For 3 Hour Rated, Add</i>	8.67		
		<i>For Damper Blades Outside Air Stream, Add</i>	13.00		
23 33 13 16-0084	EA	40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.62		23.98
		<i>For Horizontal, Add</i>	7.20		
		<i>For Dynamic Damper, Add</i>	10.80		
		<i>For 3 Hour Rated, Add</i>	9.60		
		<i>For Damper Blades Outside Air Stream, Add</i>	14.41		
23 33 13 16-0085	EA	40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	121.30		25.51
		<i>For Horizontal, Add</i>	7.38		
		<i>For Dynamic Damper, Add</i>	11.07		
		<i>For 3 Hour Rated, Add</i>	9.84		
		<i>For Damper Blades Outside Air Stream, Add</i>	14.76		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0086	EA 40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.99	27.04
	For Horizontal, Add	7.56	
	For Dynamic Damper, Add	11.33	
	For 3 Hour Rated, Add	10.07	
	For Damper Blades Outside Air Stream, Add	15.11	
23 33 13 16-0087	EA 40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	140.10	28.48
	For Horizontal, Add	8.17	
	For Dynamic Damper, Add	12.26	
	For 3 Hour Rated, Add	10.89	
	For Damper Blades Outside Air Stream, Add	16.34	
23 33 13 16-0088	EA 40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.70	30.01
	For Horizontal, Add	8.79	
	For Dynamic Damper, Add	13.18	
	For 3 Hour Rated, Add	11.71	
	For Damper Blades Outside Air Stream, Add	17.57	
23 33 13 16-0089	EA 40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.90	34.52
	For Horizontal, Add	9.49	
	For Dynamic Damper, Add	14.23	
	For 3 Hour Rated, Add	12.65	
	For Damper Blades Outside Air Stream, Add	18.98	
23 33 13 16-0090	EA 40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	180.61	37.50
	For Horizontal, Add	10.19	
	For Dynamic Damper, Add	15.29	
	For 3 Hour Rated, Add	13.59	
	For Damper Blades Outside Air Stream, Add	20.38	
23 33 13 16-0091	EA 40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.85	39.93
	For Horizontal, Add	11.25	
	For Dynamic Damper, Add	16.87	
	For 3 Hour Rated, Add	14.99	
	For Damper Blades Outside Air Stream, Add	22.49	
23 33 13 16-0092	EA 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.04	42.01
	For Horizontal, Add	13.18	
	For Dynamic Damper, Add	19.77	
	For 3 Hour Rated, Add	17.57	
	For Damper Blades Outside Air Stream, Add	26.36	
23 33 13 16-0093	EA 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.27	44.44
	For Horizontal, Add	14.23	
	For Dynamic Damper, Add	21.35	
	For 3 Hour Rated, Add	18.97	
	For Damper Blades Outside Air Stream, Add	28.46	
23 33 13 16-0094	EA 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	244.76	45.61
	For Horizontal, Add	16.16	
	For Dynamic Damper, Add	24.25	
	For 3 Hour Rated, Add	21.55	
	For Damper Blades Outside Air Stream, Add	32.33	
23 33 13 16-0095	EA 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	263.70	48.04
	For Horizontal, Add	17.92	
	For Dynamic Damper, Add	26.88	
	For 3 Hour Rated, Add	23.90	
	For Damper Blades Outside Air Stream, Add	35.84	
23 33 13 16-0096	EA 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	113.28	22.54
	For Horizontal, Add	6.85	
	For Dynamic Damper, Add	10.28	
	For 3 Hour Rated, Add	9.14	
	For Damper Blades Outside Air Stream, Add	13.70	
23 33 13 16-0097	EA 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	122.48	23.98
	For Horizontal, Add	7.56	
	For Dynamic Damper, Add	11.33	
	For 3 Hour Rated, Add	10.07	
	For Damper Blades Outside Air Stream, Add	15.11	
23 33 13 16-0098	EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.51	25.51
	For Horizontal, Add	8.08	
	For Dynamic Damper, Add	12.13	
	For 3 Hour Rated, Add	10.78	
	For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0099	EA 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.18	27.04
	For Horizontal, Add	8.26	
	For Dynamic Damper, Add	12.39	
	For 3 Hour Rated, Add	11.01	
	For Damper Blades Outside Air Stream, Add	16.52	
23 33 13 16-0100	EA 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	145.37	28.48
	For Horizontal, Add	8.96	
	For Dynamic Damper, Add	13.44	
	For 3 Hour Rated, Add	11.95	
	For Damper Blades Outside Air Stream, Add	17.92	
23 33 13 16-0101	EA 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.56	30.01
	For Horizontal, Add	9.66	
	For Dynamic Damper, Add	14.50	
	For 3 Hour Rated, Add	12.89	
	For Damper Blades Outside Air Stream, Add	19.33	
23 33 13 16-0102	EA 44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.45	36.05
	For Horizontal, Add	10.54	
	For Dynamic Damper, Add	15.82	
	For 3 Hour Rated, Add	14.06	
	For Damper Blades Outside Air Stream, Add	21.09	
23 33 13 16-0103	EA 44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.30	39.03
	For Horizontal, Add	11.42	
	For Dynamic Damper, Add	17.13	
	For 3 Hour Rated, Add	15.23	
	For Damper Blades Outside Air Stream, Add	22.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0104 EA 44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.04	42.01
For Horizontal, Add	13.18	
For Dynamic Damper, Add	19.77	
For 3 Hour Rated, Add	17.57	
For Damper Blades Outside Air Stream, Add	26.36	
23 33 13 16-0105 EA 44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.59	45.06
For Horizontal, Add	14.76	
For Dynamic Damper, Add	22.14	
For 3 Hour Rated, Add	19.68	
For Damper Blades Outside Air Stream, Add	29.52	
23 33 13 16-0106 EA 44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.32	48.04
For Horizontal, Add	16.52	
For Dynamic Damper, Add	24.77	
For 3 Hour Rated, Add	22.02	
For Damper Blades Outside Air Stream, Add	33.03	
23 33 13 16-0107 EA 44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	269.35	49.48
For Horizontal, Add	18.10	
For Dynamic Damper, Add	27.14	
For 3 Hour Rated, Add	24.13	
For Damper Blades Outside Air Stream, Add	36.19	
23 33 13 16-0108 EA 44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	284.40	51.01
For Horizontal, Add	19.68	
For Dynamic Damper, Add	29.52	
For 3 Hour Rated, Add	26.24	
For Damper Blades Outside Air Stream, Add	39.35	
23 33 13 16-0109 EA 44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	299.47	52.55
For Horizontal, Add	21.26	
For Dynamic Damper, Add	31.89	
For 3 Hour Rated, Add	28.35	
For Damper Blades Outside Air Stream, Add	42.52	
23 33 13 16-0110 EA 48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	121.30	23.98
For Horizontal, Add	7.38	
For Dynamic Damper, Add	11.07	
For 3 Hour Rated, Add	9.84	
For Damper Blades Outside Air Stream, Add	14.76	
23 33 13 16-0111 EA 48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.51	25.51
For Horizontal, Add	8.08	
For Dynamic Damper, Add	12.13	
For 3 Hour Rated, Add	10.78	
For Damper Blades Outside Air Stream, Add	16.17	
23 33 13 16-0112 EA 48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.18	27.04
For Horizontal, Add	8.26	
For Dynamic Damper, Add	12.39	
For 3 Hour Rated, Add	11.01	
For Damper Blades Outside Air Stream, Add	16.52	
23 33 13 16-0113 EA 48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.70	30.01
For Horizontal, Add	8.79	
For Dynamic Damper, Add	13.18	
For 3 Hour Rated, Add	11.71	
For Damper Blades Outside Air Stream, Add	17.57	
23 33 13 16-0114 EA 48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.39	32.99
For Horizontal, Add	9.49	
For Dynamic Damper, Add	14.23	
For 3 Hour Rated, Add	12.65	
For Damper Blades Outside Air Stream, Add	18.98	
23 33 13 16-0115 EA 48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.10	36.05
For Horizontal, Add	10.19	
For Dynamic Damper, Add	15.29	
For 3 Hour Rated, Add	13.59	
For Damper Blades Outside Air Stream, Add	20.38	
23 33 13 16-0116 EA 48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	192.14	39.03
For Horizontal, Add	11.25	
For Dynamic Damper, Add	16.87	
For 3 Hour Rated, Add	14.99	
For Damper Blades Outside Air Stream, Add	22.49	
23 33 13 16-0117 EA 48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.18	42.01
For Horizontal, Add	12.30	
For Dynamic Damper, Add	18.45	
For 3 Hour Rated, Add	16.40	
For Damper Blades Outside Air Stream, Add	24.60	
23 33 13 16-0118 EA 48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	227.73	45.06
For Horizontal, Add	13.88	
For Dynamic Damper, Add	20.82	
For 3 Hour Rated, Add	18.51	
For Damper Blades Outside Air Stream, Add	27.76	
23 33 13 16-0119 EA 48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	249.63	48.04
For Horizontal, Add	15.81	
For Dynamic Damper, Add	23.72	
For 3 Hour Rated, Add	21.08	
For Damper Blades Outside Air Stream, Add	31.62	
23 33 13 16-0120 EA 48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.68	49.48
For Horizontal, Add	17.40	
For Dynamic Damper, Add	26.09	
For 3 Hour Rated, Add	23.19	
For Damper Blades Outside Air Stream, Add	34.79	
23 33 13 16-0121 EA 48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	283.23	51.01
For Horizontal, Add	19.50	
For Dynamic Damper, Add	29.25	
For 3 Hour Rated, Add	26.00	
For Damper Blades Outside Air Stream, Add	39.00	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0122	EA 48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	302.80	53.99
	<i>For Horizontal, Add</i>	21.08	
	<i>For Dynamic Damper, Add</i>	31.63	
	<i>For 3 Hour Rated, Add</i>	28.11	
	<i>For Damper Blades Outside Air Stream, Add</i>	42.17	
23 33 13 16-0123	EA 48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.36	55.52
	<i>For Horizontal, Add</i>	23.19	
	<i>For Dynamic Damper, Add</i>	34.79	
	<i>For 3 Hour Rated, Add</i>	30.92	
	<i>For Damper Blades Outside Air Stream, Add</i>	46.39	
23 33 13 16-0124	EA 48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	344.25	60.03
	<i>For Horizontal, Add</i>	24.60	
	<i>For Dynamic Damper, Add</i>	36.90	
	<i>For 3 Hour Rated, Add</i>	32.80	
	<i>For Damper Blades Outside Air Stream, Add</i>	49.19	
23 33 13 16-0125	EA 52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.33	25.51
	<i>For Horizontal, Add</i>	7.91	
	<i>For Dynamic Damper, Add</i>	11.86	
	<i>For 3 Hour Rated, Add</i>	10.54	
	<i>For Damper Blades Outside Air Stream, Add</i>	15.81	
23 33 13 16-0126	EA 52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.52	27.04
	<i>For Horizontal, Add</i>	8.61	
	<i>For Dynamic Damper, Add</i>	12.92	
	<i>For 3 Hour Rated, Add</i>	11.48	
	<i>For Damper Blades Outside Air Stream, Add</i>	17.22	
23 33 13 16-0127	EA 52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.21	30.01
	<i>For Horizontal, Add</i>	9.31	
	<i>For Dynamic Damper, Add</i>	13.97	
	<i>For 3 Hour Rated, Add</i>	12.42	
	<i>For Damper Blades Outside Air Stream, Add</i>	18.62	
23 33 13 16-0128	EA 52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.39	32.99
	<i>For Horizontal, Add</i>	9.49	
	<i>For Dynamic Damper, Add</i>	14.23	
	<i>For 3 Hour Rated, Add</i>	12.65	
	<i>For Damper Blades Outside Air Stream, Add</i>	18.98	
23 33 13 16-0129	EA 52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.69	36.05
	<i>For Horizontal, Add</i>	10.28	
	<i>For Dynamic Damper, Add</i>	15.42	
	<i>For 3 Hour Rated, Add</i>	13.71	
	<i>For Damper Blades Outside Air Stream, Add</i>	20.56	
23 33 13 16-0130	EA 52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.97	39.03
	<i>For Horizontal, Add</i>	11.07	
	<i>For Dynamic Damper, Add</i>	16.61	
	<i>For 3 Hour Rated, Add</i>	14.76	
	<i>For Damper Blades Outside Air Stream, Add</i>	22.14	
23 33 13 16-0131	EA 52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.02	42.01
	<i>For Horizontal, Add</i>	12.12	
	<i>For Dynamic Damper, Add</i>	18.19	
	<i>For 3 Hour Rated, Add</i>	16.17	
	<i>For Damper Blades Outside Air Stream, Add</i>	24.25	
23 33 13 16-0132	EA 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.05	45.06
	<i>For Horizontal, Add</i>	13.18	
	<i>For Dynamic Damper, Add</i>	19.77	
	<i>For 3 Hour Rated, Add</i>	17.57	
	<i>For Damper Blades Outside Air Stream, Add</i>	26.36	
23 33 13 16-0133	EA 52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	242.61	48.04
	<i>For Horizontal, Add</i>	14.76	
	<i>For Dynamic Damper, Add</i>	22.14	
	<i>For 3 Hour Rated, Add</i>	19.68	
	<i>For Damper Blades Outside Air Stream, Add</i>	29.52	
23 33 13 16-0134	EA 52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	265.67	51.01
	<i>For Horizontal, Add</i>	16.87	
	<i>For Dynamic Damper, Add</i>	25.30	
	<i>For 3 Hour Rated, Add</i>	22.49	
	<i>For Damper Blades Outside Air Stream, Add</i>	33.74	
23 33 13 16-0135	EA 52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	281.88	52.55
	<i>For Horizontal, Add</i>	18.62	
	<i>For Dynamic Damper, Add</i>	27.93	
	<i>For 3 Hour Rated, Add</i>	24.83	
	<i>For Damper Blades Outside Air Stream, Add</i>	37.25	
23 33 13 16-0136	EA 52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	301.63	53.99
	<i>For Horizontal, Add</i>	20.91	
	<i>For Dynamic Damper, Add</i>	31.36	
	<i>For 3 Hour Rated, Add</i>	27.88	
	<i>For Damper Blades Outside Air Stream, Add</i>	41.82	
23 33 13 16-0137	EA 52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.68	57.06
	<i>For Horizontal, Add</i>	23.01	
	<i>For Dynamic Damper, Add</i>	34.52	
	<i>For 3 Hour Rated, Add</i>	30.69	
	<i>For Damper Blades Outside Air Stream, Add</i>	46.03	
23 33 13 16-0138	EA 52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	344.25	60.03
	<i>For Horizontal, Add</i>	24.60	
	<i>For Dynamic Damper, Add</i>	36.90	
	<i>For 3 Hour Rated, Add</i>	32.80	
	<i>For Damper Blades Outside Air Stream, Add</i>	49.19	
23 33 13 16-0139	EA 52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	371.83	64.53
	<i>For Horizontal, Add</i>	26.71	
	<i>For Dynamic Damper, Add</i>	40.06	
	<i>For 3 Hour Rated, Add</i>	35.61	
	<i>For Damper Blades Outside Air Stream, Add</i>	53.41	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 33 13 16-0140	EA	52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	392.55	67.51
		<i>For Horizontal, Add</i>	28.46	
		<i>For Dynamic Damper, Add</i>	42.69	
		<i>For 3 Hour Rated, Add</i>	37.95	
		<i>For Damper Blades Outside Air Stream, Add</i>	56.93	
23 33 13 16-0141	EA	56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.18	27.04
		<i>For Horizontal, Add</i>	8.26	
		<i>For Dynamic Damper, Add</i>	12.39	
		<i>For 3 Hour Rated, Add</i>	11.01	
		<i>For Damper Blades Outside Air Stream, Add</i>	16.52	
23 33 13 16-0142	EA	56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	151.04	30.01
		<i>For Horizontal, Add</i>	9.14	
		<i>For Dynamic Damper, Add</i>	13.70	
		<i>For 3 Hour Rated, Add</i>	12.18	
		<i>For Damper Blades Outside Air Stream, Add</i>	18.27	
23 33 13 16-0143	EA	56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	163.57	32.99
		<i>For Horizontal, Add</i>	9.66	
		<i>For Dynamic Damper, Add</i>	14.50	
		<i>For 3 Hour Rated, Add</i>	12.89	
		<i>For Damper Blades Outside Air Stream, Add</i>	19.33	
23 33 13 16-0144	EA	56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	173.75	36.05
		<i>For Horizontal, Add</i>	9.84	
		<i>For Dynamic Damper, Add</i>	14.76	
		<i>For 3 Hour Rated, Add</i>	13.12	
		<i>For Damper Blades Outside Air Stream, Add</i>	19.68	
23 33 13 16-0145	EA	56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	189.21	39.03
		<i>For Horizontal, Add</i>	10.81	
		<i>For Dynamic Damper, Add</i>	16.21	
		<i>For 3 Hour Rated, Add</i>	14.41	
		<i>For Damper Blades Outside Air Stream, Add</i>	21.61	
23 33 13 16-0146	EA	56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.67	42.01
		<i>For Horizontal, Add</i>	11.77	
		<i>For Dynamic Damper, Add</i>	17.66	
		<i>For 3 Hour Rated, Add</i>	15.70	
		<i>For Damper Blades Outside Air Stream, Add</i>	23.54	
23 33 13 16-0147	EA	56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.12	45.06
		<i>For Horizontal, Add</i>	12.74	
		<i>For Dynamic Damper, Add</i>	19.11	
		<i>For 3 Hour Rated, Add</i>	16.98	
		<i>For Damper Blades Outside Air Stream, Add</i>	25.48	
23 33 13 16-0148	EA	56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	235.58	48.04
		<i>For Horizontal, Add</i>	13.70	
		<i>For Dynamic Damper, Add</i>	20.56	
		<i>For 3 Hour Rated, Add</i>	18.27	
		<i>For Damper Blades Outside Air Stream, Add</i>	27.41	
23 33 13 16-0149	EA	56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.63	51.01
		<i>For Horizontal, Add</i>	15.81	
		<i>For Dynamic Damper, Add</i>	23.72	
		<i>For 3 Hour Rated, Add</i>	21.08	
		<i>For Damper Blades Outside Air Stream, Add</i>	31.62	
23 33 13 16-0150	EA	56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	277.21	52.55
		<i>For Horizontal, Add</i>	17.92	
		<i>For Dynamic Damper, Add</i>	26.88	
		<i>For 3 Hour Rated, Add</i>	23.90	
		<i>For Damper Blades Outside Air Stream, Add</i>	35.84	
23 33 13 16-0151	EA	56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	294.60	53.99
		<i>For Horizontal, Add</i>	19.85	
		<i>For Dynamic Damper, Add</i>	29.78	
		<i>For 3 Hour Rated, Add</i>	26.47	
		<i>For Damper Blades Outside Air Stream, Add</i>	39.71	
23 33 13 16-0152	EA	56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	320.01	57.06
		<i>For Horizontal, Add</i>	22.31	
		<i>For Dynamic Damper, Add</i>	33.47	
		<i>For 3 Hour Rated, Add</i>	29.75	
		<i>For Damper Blades Outside Air Stream, Add</i>	44.63	
23 33 13 16-0153	EA	56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	343.08	60.03
		<i>For Horizontal, Add</i>	24.42	
		<i>For Dynamic Damper, Add</i>	36.63	
		<i>For 3 Hour Rated, Add</i>	32.56	
		<i>For Damper Blades Outside Air Stream, Add</i>	48.84	
23 33 13 16-0154	EA	56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	367.32	63.00
		<i>For Horizontal, Add</i>	26.71	
		<i>For Dynamic Damper, Add</i>	40.06	
		<i>For 3 Hour Rated, Add</i>	35.61	
		<i>For Damper Blades Outside Air Stream, Add</i>	53.41	
23 33 13 16-0155	EA	56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	388.05	66.07
		<i>For Horizontal, Add</i>	28.46	
		<i>For Dynamic Damper, Add</i>	42.69	
		<i>For 3 Hour Rated, Add</i>	37.95	
		<i>For Damper Blades Outside Air Stream, Add</i>	56.93	
23 33 13 16-0156	EA	56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	412.28	69.04
		<i>For Horizontal, Add</i>	30.75	
		<i>For Dynamic Damper, Add</i>	46.12	
		<i>For 3 Hour Rated, Add</i>	41.00	
		<i>For Damper Blades Outside Air Stream, Add</i>	61.49	
23 33 13 16-0157	EA	56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	436.53	72.02
		<i>For Horizontal, Add</i>	33.03	
		<i>For Dynamic Damper, Add</i>	49.55	
		<i>For 3 Hour Rated, Add</i>	44.04	
		<i>For Damper Blades Outside Air Stream, Add</i>	66.06	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0158	EA 60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.70	30.01
	For Horizontal, Add	8.79	
	For Dynamic Damper, Add	13.18	
	For 3 Hour Rated, Add	11.71	
	For Damper Blades Outside Air Stream, Add	17.57	
23 33 13 16-0159	EA 60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	163.57	32.99
	For Horizontal, Add	9.66	
	For Dynamic Damper, Add	14.50	
	For 3 Hour Rated, Add	12.89	
	For Damper Blades Outside Air Stream, Add	19.33	
23 33 13 16-0160	EA 60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.93	36.05
	For Horizontal, Add	10.02	
	For Dynamic Damper, Add	15.02	
	For 3 Hour Rated, Add	13.35	
	For Damper Blades Outside Air Stream, Add	20.03	
23 33 13 16-0161	EA 60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.11	39.03
	For Horizontal, Add	10.19	
	For Dynamic Damper, Add	15.29	
	For 3 Hour Rated, Add	13.59	
	For Damper Blades Outside Air Stream, Add	20.38	
23 33 13 16-0162	EA 60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	201.16	42.01
	For Horizontal, Add	11.25	
	For Dynamic Damper, Add	16.87	
	For 3 Hour Rated, Add	14.99	
	For Damper Blades Outside Air Stream, Add	22.49	
23 33 13 16-0163	EA 60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	217.19	45.06
	For Horizontal, Add	12.30	
	For Dynamic Damper, Add	18.45	
	For 3 Hour Rated, Add	16.40	
	For Damper Blades Outside Air Stream, Add	24.60	
23 33 13 16-0164	EA 60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.83	48.04
	For Horizontal, Add	13.44	
	For Dynamic Damper, Add	20.16	
	For 3 Hour Rated, Add	17.92	
	For Damper Blades Outside Air Stream, Add	26.88	
23 33 13 16-0165	EA 60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	250.44	51.01
	For Horizontal, Add	14.58	
	For Dynamic Damper, Add	21.87	
	For 3 Hour Rated, Add	19.44	
	For Damper Blades Outside Air Stream, Add	29.17	
23 33 13 16-0166	EA 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	270.18	52.55
	For Horizontal, Add	16.87	
	For Dynamic Damper, Add	25.30	
	For 3 Hour Rated, Add	22.49	
	For Damper Blades Outside Air Stream, Add	33.74	
23 33 13 16-0167	EA 60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	288.74	53.99
	For Horizontal, Add	18.98	
	For Dynamic Damper, Add	28.46	
	For 3 Hour Rated, Add	25.30	
	For Damper Blades Outside Air Stream, Add	37.95	
23 33 13 16-0168	EA 60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	312.99	57.06
	For Horizontal, Add	21.26	
	For Dynamic Damper, Add	31.89	
	For 3 Hour Rated, Add	28.35	
	For Damper Blades Outside Air Stream, Add	42.52	
23 33 13 16-0169	EA 60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	337.23	60.03
	For Horizontal, Add	23.54	
	For Dynamic Damper, Add	35.32	
	For 3 Hour Rated, Add	31.39	
	For Damper Blades Outside Air Stream, Add	47.09	
23 33 13 16-0170	EA 60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	357.95	63.00
	For Horizontal, Add	25.30	
	For Dynamic Damper, Add	37.95	
	For 3 Hour Rated, Add	33.73	
	For Damper Blades Outside Air Stream, Add	50.60	
23 33 13 16-0171	EA 60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	385.71	66.07
	For Horizontal, Add	28.11	
	For Dynamic Damper, Add	42.17	
	For 3 Hour Rated, Add	37.48	
	For Damper Blades Outside Air Stream, Add	56.22	
23 33 13 16-0172	EA 60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	411.11	69.04
	For Horizontal, Add	30.57	
	For Dynamic Damper, Add	45.86	
	For 3 Hour Rated, Add	40.76	
	For Damper Blades Outside Air Stream, Add	61.14	
23 33 13 16-0173	EA 60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	436.53	72.02
	For Horizontal, Add	33.03	
	For Dynamic Damper, Add	49.55	
	For 3 Hour Rated, Add	44.04	
	For Damper Blades Outside Air Stream, Add	66.06	
23 33 13 16-0174	EA 60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	459.58	75.08
	For Horizontal, Add	35.14	
	For Dynamic Damper, Add	52.71	
	For 3 Hour Rated, Add	46.85	
	For Damper Blades Outside Air Stream, Add	70.28	
23 33 13 16-0175	EA 60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	482.67	78.05
	For Horizontal, Add	37.25	
	For Dynamic Damper, Add	55.87	
	For 3 Hour Rated, Add	49.66	
	For Damper Blades Outside Air Stream, Add	74.50	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0176			Parallel Blade Louver Fire Damper <small>(23 33 13 16)</small> Note: UL listed. Galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
23 33 13 16-0177	EA		6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	63.95	10.00
			<i>For Horizontal, Add</i>	5.09	
			<i>For Dynamic Damper, Add</i>	7.64	
			<i>For 3 Hour Rated, Add</i>	6.79	
23 33 13 16-0178	EA		8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	66.76	10.45
			<i>For Horizontal, Add</i>	5.31	
			<i>For Dynamic Damper, Add</i>	7.96	
			<i>For 3 Hour Rated, Add</i>	7.08	
23 33 13 16-0179	EA		8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.40	10.54
			<i>For Horizontal, Add</i>	5.53	
			<i>For Dynamic Damper, Add</i>	8.29	
			<i>For 3 Hour Rated, Add</i>	7.37	
23 33 13 16-0180	EA		10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.40	10.54
			<i>For Horizontal, Add</i>	5.53	
			<i>For Dynamic Damper, Add</i>	8.29	
			<i>For 3 Hour Rated, Add</i>	7.37	
23 33 13 16-0181	EA		10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	70.78	10.82
			<i>For Horizontal, Add</i>	5.75	
			<i>For Dynamic Damper, Add</i>	8.62	
			<i>For 3 Hour Rated, Add</i>	7.67	
23 33 13 16-0182	EA		10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	77.30	11.98
			<i>For Horizontal, Add</i>	6.19	
			<i>For Dynamic Damper, Add</i>	9.28	
			<i>For 3 Hour Rated, Add</i>	8.25	
23 33 13 16-0183	EA		12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	70.78	10.82
			<i>For Horizontal, Add</i>	5.75	
			<i>For Dynamic Damper, Add</i>	8.62	
			<i>For 3 Hour Rated, Add</i>	7.67	
23 33 13 16-0184	EA		12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	75.50	11.45
			<i>For Horizontal, Add</i>	6.19	
			<i>For Dynamic Damper, Add</i>	9.28	
			<i>For 3 Hour Rated, Add</i>	8.25	
23 33 13 16-0185	EA		12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.77	11.98
			<i>For Horizontal, Add</i>	6.41	
			<i>For Dynamic Damper, Add</i>	9.61	
			<i>For 3 Hour Rated, Add</i>	8.54	
23 33 13 16-0186	EA		12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	84.74	13.52
			<i>For Horizontal, Add</i>	6.63	
			<i>For Dynamic Damper, Add</i>	9.94	
			<i>For 3 Hour Rated, Add</i>	8.84	
23 33 13 16-0187	EA		14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.77	11.45
			<i>For Horizontal, Add</i>	6.08	
			<i>For Dynamic Damper, Add</i>	9.12	
			<i>For 3 Hour Rated, Add</i>	8.10	
23 33 13 16-0188	EA		14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.77	11.98
			<i>For Horizontal, Add</i>	6.41	
			<i>For Dynamic Damper, Add</i>	9.61	
			<i>For 3 Hour Rated, Add</i>	8.54	
23 33 13 16-0189	EA		14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	82.04	12.62
			<i>For Horizontal, Add</i>	6.63	
			<i>For Dynamic Damper, Add</i>	9.94	
			<i>For 3 Hour Rated, Add</i>	8.84	
23 33 13 16-0190	EA		14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	86.20	13.52
			<i>For Horizontal, Add</i>	6.85	
			<i>For Dynamic Damper, Add</i>	10.27	
			<i>For 3 Hour Rated, Add</i>	9.13	
23 33 13 16-0191	EA		14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.37	15.05
			<i>For Horizontal, Add</i>	7.40	
			<i>For Dynamic Damper, Add</i>	11.09	
			<i>For 3 Hour Rated, Add</i>	9.86	
23 33 13 16-0192	EA		16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	95.71	11.98
			<i>For Horizontal, Add</i>	8.95	
			<i>For Dynamic Damper, Add</i>	13.42	
			<i>For 3 Hour Rated, Add</i>	11.93	
23 33 13 16-0193	EA		16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.06	12.89
			<i>For Horizontal, Add</i>	9.20	
			<i>For Dynamic Damper, Add</i>	13.79	
			<i>For 3 Hour Rated, Add</i>	12.26	
23 33 13 16-0194	EA		16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	105.31	14.15
			<i>For Horizontal, Add</i>	9.44	
			<i>For Dynamic Damper, Add</i>	14.16	
			<i>For 3 Hour Rated, Add</i>	12.59	
23 33 13 16-0195	EA		16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.64	15.05
			<i>For Horizontal, Add</i>	9.69	
			<i>For Dynamic Damper, Add</i>	14.53	
			<i>For 3 Hour Rated, Add</i>	12.92	
23 33 13 16-0196	EA		16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.26	16.49
			<i>For Horizontal, Add</i>	10.30	
			<i>For Dynamic Damper, Add</i>	15.46	
			<i>For 3 Hour Rated, Add</i>	13.74	
23 33 13 16-0197	EA		16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.87	18.03
			<i>For Horizontal, Add</i>	10.92	
			<i>For Dynamic Damper, Add</i>	16.38	
			<i>For 3 Hour Rated, Add</i>	14.56	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 13 16-0198	EA 18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	99.16	12.62
	For Horizontal, Add	9.20	
	For Dynamic Damper, Add	13.79	
	For 3 Hour Rated, Add	12.26	
23 33 13 16-0199	EA 18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	104.32	13.52
	For Horizontal, Add	9.56	
	For Dynamic Damper, Add	14.35	
	For 3 Hour Rated, Add	12.75	
23 33 13 16-0200	EA 18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.30	15.05
	For Horizontal, Add	9.94	
	For Dynamic Damper, Add	14.90	
	For 3 Hour Rated, Add	13.25	
23 33 13 16-0201	EA 18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.90	16.49
	For Horizontal, Add	10.55	
	For Dynamic Damper, Add	15.82	
	For 3 Hour Rated, Add	14.07	
23 33 13 16-0202	EA 18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	127.69	18.03
	For Horizontal, Add	11.04	
	For Dynamic Damper, Add	16.56	
	For 3 Hour Rated, Add	14.72	
23 33 13 16-0203	EA 18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.30	19.47
	For Horizontal, Add	11.66	
	For Dynamic Damper, Add	17.48	
	For 3 Hour Rated, Add	15.54	
23 33 13 16-0204	EA 18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.26	21.00
	For Horizontal, Add	12.03	
	For Dynamic Damper, Add	18.04	
	For 3 Hour Rated, Add	16.03	
23 33 13 16-0205	EA 20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	103.51	13.52
	For Horizontal, Add	9.44	
	For Dynamic Damper, Add	14.16	
	For 3 Hour Rated, Add	12.59	
23 33 13 16-0206	EA 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	111.28	15.05
	For Horizontal, Add	9.93	
	For Dynamic Damper, Add	14.90	
	For 3 Hour Rated, Add	13.24	
23 33 13 16-0207	EA 20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	119.08	16.49
	For Horizontal, Add	10.43	
	For Dynamic Damper, Add	15.64	
	For 3 Hour Rated, Add	13.90	
23 33 13 16-0208	EA 20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	130.16	18.03
	For Horizontal, Add	11.41	
	For Dynamic Damper, Add	17.12	
	For 3 Hour Rated, Add	15.22	
23 33 13 16-0209	EA 20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	137.13	19.47
	For Horizontal, Add	11.78	
	For Dynamic Damper, Add	17.67	
	For 3 Hour Rated, Add	15.71	
23 33 13 16-0210	EA 20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.08	21.00
	For Horizontal, Add	12.15	
	For Dynamic Damper, Add	18.22	
	For 3 Hour Rated, Add	16.20	
23 33 13 16-0211	EA 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.87	22.54
	For Horizontal, Add	12.64	
	For Dynamic Damper, Add	18.96	
	For 3 Hour Rated, Add	16.85	
23 33 13 16-0212	EA 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.65	23.98
	For Horizontal, Add	13.13	
	For Dynamic Damper, Add	19.70	
	For 3 Hour Rated, Add	17.51	
23 33 13 16-0213	EA 24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	126.36	15.05
	For Horizontal, Add	12.20	
	For Dynamic Damper, Add	18.29	
	For 3 Hour Rated, Add	16.26	
23 33 13 16-0214	EA 24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	135.80	16.49
	For Horizontal, Add	12.93	
	For Dynamic Damper, Add	19.40	
	For 3 Hour Rated, Add	17.25	
23 33 13 16-0215	EA 24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.60	18.03
	For Horizontal, Add	13.43	
	For Dynamic Damper, Add	20.14	
	For 3 Hour Rated, Add	17.90	
23 33 13 16-0216	EA 24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	153.01	19.47
	For Horizontal, Add	14.16	
	For Dynamic Damper, Add	21.24	
	For 3 Hour Rated, Add	18.88	
23 33 13 16-0217	EA 24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	159.98	21.00
	For Horizontal, Add	14.53	
	For Dynamic Damper, Add	21.80	
	For 3 Hour Rated, Add	19.38	
23 33 13 16-0218	EA 24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	166.94	22.54
	For Horizontal, Add	14.90	
	For Dynamic Damper, Add	22.35	
	For 3 Hour Rated, Add	19.87	
23 33 13 16-0219	EA 24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	176.37	23.98
	For Horizontal, Add	15.64	
	For Dynamic Damper, Add	23.46	
	For 3 Hour Rated, Add	20.85	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.30	27.04
		<i>For Horizontal, Add</i>	16.38	
		<i>For Dynamic Damper, Add</i>	24.57	
		<i>For 3 Hour Rated, Add</i>	21.84	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.87	30.01
		<i>For Horizontal, Add</i>	17.36	
		<i>For Dynamic Damper, Add</i>	26.04	
		<i>For 3 Hour Rated, Add</i>	23.15	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	135.80	16.49
		<i>For Horizontal, Add</i>	12.93	
		<i>For Dynamic Damper, Add</i>	19.40	
		<i>For 3 Hour Rated, Add</i>	17.25	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	143.60	18.03
		<i>For Horizontal, Add</i>	13.43	
		<i>For Dynamic Damper, Add</i>	20.14	
		<i>For 3 Hour Rated, Add</i>	17.90	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	153.01	19.47
		<i>For Horizontal, Add</i>	14.16	
		<i>For Dynamic Damper, Add</i>	21.24	
		<i>For 3 Hour Rated, Add</i>	18.88	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.79	21.00
		<i>For Horizontal, Add</i>	14.66	
		<i>For Dynamic Damper, Add</i>	21.98	
		<i>For 3 Hour Rated, Add</i>	19.54	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	169.41	22.54
		<i>For Horizontal, Add</i>	15.27	
		<i>For Dynamic Damper, Add</i>	22.91	
		<i>For 3 Hour Rated, Add</i>	20.36	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.00	23.98
		<i>For Horizontal, Add</i>	15.88	
		<i>For Dynamic Damper, Add</i>	23.83	
		<i>For 3 Hour Rated, Add</i>	21.18	
23 33 13 16-0228	EA	28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.94	27.04
		<i>For Horizontal, Add</i>	16.62	
		<i>For Dynamic Damper, Add</i>	24.93	
		<i>For 3 Hour Rated, Add</i>	22.16	
23 33 13 16-0229	EA	28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.87	30.01
		<i>For Horizontal, Add</i>	17.36	
		<i>For Dynamic Damper, Add</i>	26.04	
		<i>For 3 Hour Rated, Add</i>	23.15	
23 33 13 16-0230	EA	28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.22	31.54
		<i>For Horizontal, Add</i>	18.84	
		<i>For Dynamic Damper, Add</i>	28.26	
		<i>For 3 Hour Rated, Add</i>	25.12	
23 33 13 16-0231	EA	28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.43	34.52
		<i>For Horizontal, Add</i>	20.07	
		<i>For Dynamic Damper, Add</i>	30.10	
		<i>For 3 Hour Rated, Add</i>	26.76	
23 33 13 16-0232	EA	32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.50	18.03
		<i>For Horizontal, Add</i>	14.16	
		<i>For Dynamic Damper, Add</i>	21.24	
		<i>For 3 Hour Rated, Add</i>	18.88	
23 33 13 16-0233	EA	32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	154.64	19.47
		<i>For Horizontal, Add</i>	14.41	
		<i>For Dynamic Damper, Add</i>	21.61	
		<i>For 3 Hour Rated, Add</i>	19.21	
23 33 13 16-0234	EA	32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.79	21.00
		<i>For Horizontal, Add</i>	14.66	
		<i>For Dynamic Damper, Add</i>	21.98	
		<i>For 3 Hour Rated, Add</i>	19.54	
23 33 13 16-0235	EA	32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	168.57	22.54
		<i>For Horizontal, Add</i>	15.15	
		<i>For Dynamic Damper, Add</i>	22.72	
		<i>For 3 Hour Rated, Add</i>	20.19	
23 33 13 16-0236	EA	32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.31	23.98
		<i>For Horizontal, Add</i>	15.93	
		<i>For Dynamic Damper, Add</i>	23.90	
		<i>For 3 Hour Rated, Add</i>	21.24	
23 33 13 16-0237	EA	32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.94	27.04
		<i>For Horizontal, Add</i>	16.62	
		<i>For Dynamic Damper, Add</i>	24.93	
		<i>For 3 Hour Rated, Add</i>	22.16	
23 33 13 16-0238	EA	32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.52	30.01
		<i>For Horizontal, Add</i>	17.61	
		<i>For Dynamic Damper, Add</i>	26.41	
		<i>For 3 Hour Rated, Add</i>	23.48	
23 33 13 16-0239	EA	32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.09	32.99
		<i>For Horizontal, Add</i>	18.59	
		<i>For Dynamic Damper, Add</i>	27.89	
		<i>For 3 Hour Rated, Add</i>	24.79	
23 33 13 16-0240	EA	32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.43	34.52
		<i>For Horizontal, Add</i>	20.07	
		<i>For Dynamic Damper, Add</i>	30.10	
		<i>For 3 Hour Rated, Add</i>	26.76	
23 33 13 16-0241	EA	32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	256.12	36.95
		<i>For Horizontal, Add</i>	21.79	
		<i>For Dynamic Damper, Add</i>	32.68	
		<i>For 3 Hour Rated, Add</i>	29.05	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0242	EA 32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	275.55 23.76 35.64 31.68	39.03
23 33 13 16-0243	EA 36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	166.37 16.17 24.25 21.56	19.47
23 33 13 16-0244	EA 36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	174.60 16.73 25.09 22.30	21.00
23 33 13 16-0245	EA 36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	182.86 17.29 25.93 23.05	22.54
23 33 13 16-0246	EA 36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	193.00 18.13 27.20 24.18	23.98
23 33 13 16-0247	EA 36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	204.83 18.56 27.83 24.74	27.04
23 33 13 16-0248	EA 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	212.16 18.98 28.47 25.31	28.48
23 33 13 16-0249	EA 36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	235.04 20.39 30.58 27.18	32.99
23 33 13 16-0250	EA 36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	253.42 21.79 32.68 29.05	36.05
23 33 13 16-0251	EA 36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	268.27 23.48 35.21 31.30	37.23
23 33 13 16-0252	EA 36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	291.37 25.72 38.59 34.30	39.93
23 33 13 16-0253	EA 36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	310.79 27.69 41.54 36.92	42.01
23 33 13 16-0254	EA 36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	330.30 29.94 44.91 39.92	43.53
23 33 13 16-0255	EA 40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	186.17 18.46 27.69 24.62	22.54
23 33 13 16-0256	EA 40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	198.18 19.59 29.38 26.12	23.98
23 33 13 16-0257	EA 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	204.56 19.87 29.80 26.49	25.51
23 33 13 16-0258	EA 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	210.95 20.15 30.22 26.87	27.04
23 33 13 16-0259	EA 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	226.52 21.13 31.70 28.18	28.48
23 33 13 16-0260	EA 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	237.58 22.12 33.18 29.49	30.01
23 33 13 16-0261	EA 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	258.60 23.24 34.86 30.99	34.52
23 33 13 16-0262	EA 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	275.11 24.37 36.55 32.49	37.50
23 33 13 16-0263	EA 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Horizontal, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	293.57 26.05 39.08 34.74	39.93

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0264	EA	40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.49	42.01
		<i>For Horizontal, Add</i>	29.15	
		<i>For Dynamic Damper, Add</i>	43.72	
		<i>For 3 Hour Rated, Add</i>	38.86	
23 33 13 16-0265	EA	40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.94	44.44
		<i>For Horizontal, Add</i>	30.83	
		<i>For Dynamic Damper, Add</i>	46.25	
		<i>For 3 Hour Rated, Add</i>	41.11	
23 33 13 16-0266	EA	40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.16	45.61
		<i>For Horizontal, Add</i>	33.92	
		<i>For Dynamic Damper, Add</i>	50.89	
		<i>For 3 Hour Rated, Add</i>	45.23	
23 33 13 16-0267	EA	40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	389.12	48.04
		<i>For Horizontal, Add</i>	36.74	
		<i>For Dynamic Damper, Add</i>	55.10	
		<i>For 3 Hour Rated, Add</i>	48.98	
23 33 13 16-0268	EA	44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	194.43	22.54
		<i>For Horizontal, Add</i>	19.02	
		<i>For Dynamic Damper, Add</i>	28.54	
		<i>For 3 Hour Rated, Add</i>	25.37	
23 33 13 16-0269	EA	44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	206.44	23.98
		<i>For Horizontal, Add</i>	20.15	
		<i>For Dynamic Damper, Add</i>	30.22	
		<i>For 3 Hour Rated, Add</i>	26.87	
23 33 13 16-0270	EA	44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.58	25.51
		<i>For Horizontal, Add</i>	20.99	
		<i>For Dynamic Damper, Add</i>	31.49	
		<i>For 3 Hour Rated, Add</i>	27.99	
23 33 13 16-0271	EA	44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.95	27.04
		<i>For Horizontal, Add</i>	21.27	
		<i>For Dynamic Damper, Add</i>	31.91	
		<i>For 3 Hour Rated, Add</i>	28.37	
23 33 13 16-0272	EA	44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	234.96	28.48
		<i>For Horizontal, Add</i>	22.40	
		<i>For Dynamic Damper, Add</i>	33.60	
		<i>For 3 Hour Rated, Add</i>	29.87	
23 33 13 16-0273	EA	44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	246.96	30.01
		<i>For Horizontal, Add</i>	23.52	
		<i>For Dynamic Damper, Add</i>	35.29	
		<i>For 3 Hour Rated, Add</i>	31.37	
23 33 13 16-0274	EA	44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.36	36.05
		<i>For Horizontal, Add</i>	24.93	
		<i>For Dynamic Damper, Add</i>	37.40	
		<i>For 3 Hour Rated, Add</i>	33.24	
23 33 13 16-0275	EA	44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.73	39.03
		<i>For Horizontal, Add</i>	26.33	
		<i>For Dynamic Damper, Add</i>	39.50	
		<i>For 3 Hour Rated, Add</i>	35.11	
23 33 13 16-0276	EA	44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.49	42.01
		<i>For Horizontal, Add</i>	29.15	
		<i>For Dynamic Damper, Add</i>	43.72	
		<i>For 3 Hour Rated, Add</i>	38.86	
23 33 13 16-0277	EA	44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	346.37	45.06
		<i>For Horizontal, Add</i>	31.68	
		<i>For Dynamic Damper, Add</i>	47.51	
		<i>For 3 Hour Rated, Add</i>	42.23	
23 33 13 16-0278	EA	44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	374.12	48.04
		<i>For Horizontal, Add</i>	34.49	
		<i>For Dynamic Damper, Add</i>	51.73	
		<i>For 3 Hour Rated, Add</i>	45.98	
23 33 13 16-0279	EA	44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.48	49.48
		<i>For Horizontal, Add</i>	37.02	
		<i>For Dynamic Damper, Add</i>	55.52	
		<i>For 3 Hour Rated, Add</i>	49.35	
23 33 13 16-0280	EA	44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.86	51.01
		<i>For Horizontal, Add</i>	39.55	
		<i>For Dynamic Damper, Add</i>	59.32	
		<i>For 3 Hour Rated, Add</i>	52.73	
23 33 13 16-0281	EA	44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	438.25	52.55
		<i>For Horizontal, Add</i>	42.08	
		<i>For Dynamic Damper, Add</i>	63.12	
		<i>For 3 Hour Rated, Add</i>	56.10	
23 33 13 16-0282	EA	48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	204.56	23.98
		<i>For Horizontal, Add</i>	19.87	
		<i>For Dynamic Damper, Add</i>	29.80	
		<i>For 3 Hour Rated, Add</i>	26.49	
23 33 13 16-0283	EA	48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.58	25.51
		<i>For Horizontal, Add</i>	20.99	
		<i>For Dynamic Damper, Add</i>	31.49	
		<i>For 3 Hour Rated, Add</i>	27.99	
23 33 13 16-0284	EA	48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	222.95	27.04
		<i>For Horizontal, Add</i>	21.27	
		<i>For Dynamic Damper, Add</i>	31.91	
		<i>For 3 Hour Rated, Add</i>	28.37	
23 33 13 16-0285	EA	48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.58	30.01
		<i>For Horizontal, Add</i>	22.12	
		<i>For Dynamic Damper, Add</i>	33.18	
		<i>For 3 Hour Rated, Add</i>	29.49	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0286	EA	48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.09	32.99
		<i>For Horizontal, Add</i>	23.24	
		<i>For Dynamic Damper, Add</i>	34.86	
		<i>For 3 Hour Rated, Add</i>	30.99	
23 33 13 16-0287	EA	48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.60	36.05
		<i>For Horizontal, Add</i>	24.37	
		<i>For Dynamic Damper, Add</i>	36.55	
		<i>For 3 Hour Rated, Add</i>	32.49	
23 33 13 16-0288	EA	48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.86	39.03
		<i>For Horizontal, Add</i>	26.05	
		<i>For Dynamic Damper, Add</i>	39.08	
		<i>For 3 Hour Rated, Add</i>	34.74	
23 33 13 16-0289	EA	48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	311.12	42.01
		<i>For Horizontal, Add</i>	27.74	
		<i>For Dynamic Damper, Add</i>	41.61	
		<i>For 3 Hour Rated, Add</i>	36.99	
23 33 13 16-0290	EA	48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.00	45.06
		<i>For Horizontal, Add</i>	30.27	
		<i>For Dynamic Damper, Add</i>	45.41	
		<i>For 3 Hour Rated, Add</i>	40.36	
23 33 13 16-0291	EA	48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.62	48.04
		<i>For Horizontal, Add</i>	33.36	
		<i>For Dynamic Damper, Add</i>	50.04	
		<i>For 3 Hour Rated, Add</i>	44.48	
23 33 13 16-0292	EA	48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.00	49.48
		<i>For Horizontal, Add</i>	35.89	
		<i>For Dynamic Damper, Add</i>	53.84	
		<i>For 3 Hour Rated, Add</i>	47.86	
23 33 13 16-0293	EA	48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.98	51.01
		<i>For Horizontal, Add</i>	39.26	
		<i>For Dynamic Damper, Add</i>	58.90	
		<i>For 3 Hour Rated, Add</i>	52.35	
23 33 13 16-0294	EA	48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.88	53.99
		<i>For Horizontal, Add</i>	41.80	
		<i>For Dynamic Damper, Add</i>	62.69	
		<i>For 3 Hour Rated, Add</i>	55.73	
23 33 13 16-0295	EA	48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	467.87	55.52
		<i>For Horizontal, Add</i>	45.17	
		<i>For Dynamic Damper, Add</i>	67.75	
		<i>For 3 Hour Rated, Add</i>	60.23	
23 33 13 16-0296	EA	48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	496.39	60.03
		<i>For Horizontal, Add</i>	47.42	
		<i>For Dynamic Damper, Add</i>	71.13	
		<i>For 3 Hour Rated, Add</i>	63.22	
23 33 13 16-0297	EA	52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	214.70	25.51
		<i>For Horizontal, Add</i>	20.71	
		<i>For Dynamic Damper, Add</i>	31.07	
		<i>For 3 Hour Rated, Add</i>	27.62	
23 33 13 16-0298	EA	52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	226.70	27.04
		<i>For Horizontal, Add</i>	21.84	
		<i>For Dynamic Damper, Add</i>	32.76	
		<i>For 3 Hour Rated, Add</i>	29.12	
23 33 13 16-0299	EA	52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	243.21	30.01
		<i>For Horizontal, Add</i>	22.96	
		<i>For Dynamic Damper, Add</i>	34.44	
		<i>For 3 Hour Rated, Add</i>	30.62	
23 33 13 16-0300	EA	52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.09	32.99
		<i>For Horizontal, Add</i>	23.24	
		<i>For Dynamic Damper, Add</i>	34.86	
		<i>For 3 Hour Rated, Add</i>	30.99	
23 33 13 16-0301	EA	52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	271.55	36.05
		<i>For Horizontal, Add</i>	24.51	
		<i>For Dynamic Damper, Add</i>	36.76	
		<i>For 3 Hour Rated, Add</i>	32.68	
23 33 13 16-0302	EA	52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	288.98	39.03
		<i>For Horizontal, Add</i>	25.77	
		<i>For Dynamic Damper, Add</i>	38.66	
		<i>For 3 Hour Rated, Add</i>	34.36	
23 33 13 16-0303	EA	52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	309.25	42.01
		<i>For Horizontal, Add</i>	27.46	
		<i>For Dynamic Damper, Add</i>	41.19	
		<i>For 3 Hour Rated, Add</i>	36.61	
23 33 13 16-0304	EA	52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	329.50	45.06
		<i>For Horizontal, Add</i>	29.15	
		<i>For Dynamic Damper, Add</i>	43.72	
		<i>For 3 Hour Rated, Add</i>	38.86	
23 33 13 16-0305	EA	52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.39	48.04
		<i>For Horizontal, Add</i>	31.68	
		<i>For Dynamic Damper, Add</i>	47.51	
		<i>For 3 Hour Rated, Add</i>	42.23	
23 33 13 16-0306	EA	52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	386.87	51.01
		<i>For Horizontal, Add</i>	35.05	
		<i>For Dynamic Damper, Add</i>	52.57	
		<i>For 3 Hour Rated, Add</i>	46.73	
23 33 13 16-0307	EA	52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	410.12	52.55
		<i>For Horizontal, Add</i>	37.86	
		<i>For Dynamic Damper, Add</i>	56.79	
		<i>For 3 Hour Rated, Add</i>	50.48	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0308	EA	52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	439.00	53.99
		<i>For Horizontal, Add</i>	41.51	
		<i>For Dynamic Damper, Add</i>	62.27	
		<i>For 3 Hour Rated, Add</i>	55.35	
23 33 13 16-0309	EA	52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	470.49	57.06
		<i>For Horizontal, Add</i>	44.89	
		<i>For Dynamic Damper, Add</i>	67.33	
		<i>For 3 Hour Rated, Add</i>	59.85	
23 33 13 16-0310	EA	52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	496.39	60.03
		<i>For Horizontal, Add</i>	47.42	
		<i>For Dynamic Damper, Add</i>	71.13	
		<i>For 3 Hour Rated, Add</i>	63.22	
23 33 13 16-0311	EA	52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	532.39	64.53
		<i>For Horizontal, Add</i>	50.79	
		<i>For Dynamic Damper, Add</i>	76.19	
		<i>For 3 Hour Rated, Add</i>	67.72	
23 33 13 16-0312	EA	52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	560.15	67.51
		<i>For Horizontal, Add</i>	53.60	
		<i>For Dynamic Damper, Add</i>	80.40	
		<i>For 3 Hour Rated, Add</i>	71.47	
23 33 13 16-0313	EA	56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	222.95	27.04
		<i>For Horizontal, Add</i>	21.27	
		<i>For Dynamic Damper, Add</i>	31.91	
		<i>For 3 Hour Rated, Add</i>	28.37	
23 33 13 16-0314	EA	56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.32	30.01
		<i>For Horizontal, Add</i>	22.68	
		<i>For Dynamic Damper, Add</i>	34.02	
		<i>For 3 Hour Rated, Add</i>	30.24	
23 33 13 16-0315	EA	56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.97	32.99
		<i>For Horizontal, Add</i>	23.52	
		<i>For Dynamic Damper, Add</i>	35.29	
		<i>For 3 Hour Rated, Add</i>	31.37	
23 33 13 16-0316	EA	56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	266.85	36.05
		<i>For Horizontal, Add</i>	23.80	
		<i>For Dynamic Damper, Add</i>	35.71	
		<i>For 3 Hour Rated, Add</i>	31.74	
23 33 13 16-0317	EA	56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	286.18	39.03
		<i>For Horizontal, Add</i>	25.35	
		<i>For Dynamic Damper, Add</i>	38.03	
		<i>For 3 Hour Rated, Add</i>	33.80	
23 33 13 16-0318	EA	56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	305.50	42.01
		<i>For Horizontal, Add</i>	26.90	
		<i>For Dynamic Damper, Add</i>	40.34	
		<i>For 3 Hour Rated, Add</i>	35.86	
23 33 13 16-0319	EA	56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.82	45.06
		<i>For Horizontal, Add</i>	28.44	
		<i>For Dynamic Damper, Add</i>	42.66	
		<i>For 3 Hour Rated, Add</i>	37.92	
23 33 13 16-0320	EA	56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	344.14	48.04
		<i>For Horizontal, Add</i>	29.99	
		<i>For Dynamic Damper, Add</i>	44.98	
		<i>For 3 Hour Rated, Add</i>	39.98	
23 33 13 16-0321	EA	56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	375.62	51.01
		<i>For Horizontal, Add</i>	33.36	
		<i>For Dynamic Damper, Add</i>	50.04	
		<i>For 3 Hour Rated, Add</i>	44.48	
23 33 13 16-0322	EA	56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	402.63	52.55
		<i>For Horizontal, Add</i>	36.74	
		<i>For Dynamic Damper, Add</i>	55.10	
		<i>For 3 Hour Rated, Add</i>	48.98	
23 33 13 16-0323	EA	56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.75	53.99
		<i>For Horizontal, Add</i>	39.83	
		<i>For Dynamic Damper, Add</i>	59.74	
		<i>For 3 Hour Rated, Add</i>	53.10	
23 33 13 16-0324	EA	56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	463.01	57.06
		<i>For Horizontal, Add</i>	43.76	
		<i>For Dynamic Damper, Add</i>	65.65	
		<i>For 3 Hour Rated, Add</i>	58.35	
23 33 13 16-0325	EA	56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	494.51	60.03
		<i>For Horizontal, Add</i>	47.14	
		<i>For Dynamic Damper, Add</i>	70.70	
		<i>For 3 Hour Rated, Add</i>	62.85	
23 33 13 16-0326	EA	56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	527.88	63.00
		<i>For Horizontal, Add</i>	50.79	
		<i>For Dynamic Damper, Add</i>	76.19	
		<i>For 3 Hour Rated, Add</i>	67.72	
23 33 13 16-0327	EA	56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	555.65	66.07
		<i>For Horizontal, Add</i>	53.60	
		<i>For Dynamic Damper, Add</i>	80.40	
		<i>For 3 Hour Rated, Add</i>	71.47	
23 33 13 16-0328	EA	56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	589.01	69.04
		<i>For Horizontal, Add</i>	57.26	
		<i>For Dynamic Damper, Add</i>	85.88	
		<i>For 3 Hour Rated, Add</i>	76.34	
23 33 13 16-0329	EA	56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	622.39	72.02
		<i>For Horizontal, Add</i>	60.91	
		<i>For Dynamic Damper, Add</i>	91.37	
		<i>For 3 Hour Rated, Add</i>	81.21	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 13 16-0330	EA	60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	237.58	30.01
		<i>For Horizontal, Add</i>	22.12	
		<i>For Dynamic Damper, Add</i>	33.18	
		<i>For 3 Hour Rated, Add</i>	29.49	
23 33 13 16-0331	EA	60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	255.97	32.99
		<i>For Horizontal, Add</i>	23.52	
		<i>For Dynamic Damper, Add</i>	35.29	
		<i>For 3 Hour Rated, Add</i>	31.37	
23 33 13 16-0332	EA	60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.72	36.05
		<i>For Horizontal, Add</i>	24.08	
		<i>For Dynamic Damper, Add</i>	36.13	
		<i>For 3 Hour Rated, Add</i>	32.11	
23 33 13 16-0333	EA	60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.61	39.03
		<i>For Horizontal, Add</i>	24.37	
		<i>For Dynamic Damper, Add</i>	36.55	
		<i>For 3 Hour Rated, Add</i>	32.49	
23 33 13 16-0334	EA	60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.88	42.01
		<i>For Horizontal, Add</i>	26.05	
		<i>For Dynamic Damper, Add</i>	39.08	
		<i>For 3 Hour Rated, Add</i>	34.74	
23 33 13 16-0335	EA	60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.13	45.06
		<i>For Horizontal, Add</i>	27.74	
		<i>For Dynamic Damper, Add</i>	41.61	
		<i>For 3 Hour Rated, Add</i>	36.99	
23 33 13 16-0336	EA	60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.33	48.04
		<i>For Horizontal, Add</i>	29.57	
		<i>For Dynamic Damper, Add</i>	44.35	
		<i>For 3 Hour Rated, Add</i>	39.42	
23 33 13 16-0337	EA	60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.51	51.01
		<i>For Horizontal, Add</i>	31.39	
		<i>For Dynamic Damper, Add</i>	47.09	
		<i>For 3 Hour Rated, Add</i>	41.86	
23 33 13 16-0338	EA	60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	391.38	52.55
		<i>For Horizontal, Add</i>	35.05	
		<i>For Dynamic Damper, Add</i>	52.57	
		<i>For 3 Hour Rated, Add</i>	46.73	
23 33 13 16-0339	EA	60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.38	53.99
		<i>For Horizontal, Add</i>	38.42	
		<i>For Dynamic Damper, Add</i>	57.63	
		<i>For 3 Hour Rated, Add</i>	51.23	
23 33 13 16-0340	EA	60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.77	57.06
		<i>For Horizontal, Add</i>	42.08	
		<i>For Dynamic Damper, Add</i>	63.12	
		<i>For 3 Hour Rated, Add</i>	56.10	
23 33 13 16-0341	EA	60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.15	60.03
		<i>For Horizontal, Add</i>	45.73	
		<i>For Dynamic Damper, Add</i>	68.60	
		<i>For 3 Hour Rated, Add</i>	60.98	
23 33 13 16-0342	EA	60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	512.90	63.00
		<i>For Horizontal, Add</i>	48.54	
		<i>For Dynamic Damper, Add</i>	72.81	
		<i>For 3 Hour Rated, Add</i>	64.72	
23 33 13 16-0343	EA	60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	551.90	66.07
		<i>For Horizontal, Add</i>	53.04	
		<i>For Dynamic Damper, Add</i>	79.56	
		<i>For 3 Hour Rated, Add</i>	70.72	
23 33 13 16-0344	EA	60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	587.13	69.04
		<i>For Horizontal, Add</i>	56.97	
		<i>For Dynamic Damper, Add</i>	85.46	
		<i>For 3 Hour Rated, Add</i>	75.97	
23 33 13 16-0345	EA	60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	622.39	72.02
		<i>For Horizontal, Add</i>	60.91	
		<i>For Dynamic Damper, Add</i>	91.37	
		<i>For 3 Hour Rated, Add</i>	81.21	
23 33 13 16-0346	EA	60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	653.88	75.08
		<i>For Horizontal, Add</i>	64.28	
		<i>For Dynamic Damper, Add</i>	96.42	
		<i>For 3 Hour Rated, Add</i>	85.71	
23 33 13 16-0347	EA	60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	685.41	78.05
		<i>For Horizontal, Add</i>	67.66	
		<i>For Dynamic Damper, Add</i>	101.49	
		<i>For 3 Hour Rated, Add</i>	90.21	

23 33 13 16-0348 Round 2 Hour Fire Damper (23 33 13 16)

23 33 13 16-0349	EA	4" Round 2 Hour Fire Damper	52.00	18.03
23 33 13 16-0350	EA	5" Round 2 Hour Fire Damper	53.14	18.03
23 33 13 16-0351	EA	6" Round 2 Hour Fire Damper	61.49	20.46
23 33 13 16-0352	EA	7" Round 2 Hour Fire Damper	62.73	20.46
23 33 13 16-0353	EA	8" Round 2 Hour Fire Damper	72.41	22.54
23 33 13 16-0354	EA	9" Round 2 Hour Fire Damper	75.83	22.54
23 33 13 16-0355	EA	10" Round 2 Hour Fire Damper	84.27	25.05
23 33 13 16-0356	EA	12" Round 2 Hour Fire Damper	94.72	28.21
23 33 13 16-0357	EA	14" Round 2 Hour Fire Damper	107.90	32.18

23 33 13 16-0358 Round 4 Hour Fire Damper (23 33 13 16)

23 33 13 16-0359	EA	4" Round 4 Hour Fire Damper	58.84	20.46
23 33 13 16-0360	EA	5" Round 4 Hour Fire Damper	61.95	20.46

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0361	EA	6" Round 4 Hour Fire Damper	69.19	22.54
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	73.21	22.54
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	82.24	25.05
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	84.69	25.05
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	94.79	28.21
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	106.35	32.18
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	124.07	37.59
23 33 13 19		Smoke-Control Dampers (23 33 13)		
23 33 13 19-0001		Combination Smoke/Fire Damper (23 33 13 19)		
		Note: Leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.71	15.01
		For 3 Hour Rated, Add	10.94	
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.08	15.69
		For 3 Hour Rated, Add	11.21	
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.70	15.82
		For 3 Hour Rated, Add	11.48	
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	104.70	15.82
		For 3 Hour Rated, Add	11.48	
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.40	16.23
		For 3 Hour Rated, Add	11.74	
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.50	17.98
		For 3 Hour Rated, Add	12.28	
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.40	16.23
		For 3 Hour Rated, Add	11.74	
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	112.79	17.17
		For 3 Hour Rated, Add	12.28	
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.84	17.98
		For 3 Hour Rated, Add	12.55	
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	124.95	20.28
		For 3 Hour Rated, Add	12.82	
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	112.12	17.17
		For 3 Hour Rated, Add	12.15	
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.84	17.98
		For 3 Hour Rated, Add	12.55	
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	120.90	18.93
		For 3 Hour Rated, Add	12.82	
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	126.31	20.28
		For 3 Hour Rated, Add	13.09	
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	136.43	22.58
		For 3 Hour Rated, Add	13.77	
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.11	17.98
		For 3 Hour Rated, Add	22.41	
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	171.51	19.34
		For 3 Hour Rated, Add	22.68	
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.28	21.23
		For 3 Hour Rated, Add	22.95	
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.66	22.58
		For 3 Hour Rated, Add	23.21	
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.80	24.74
		For 3 Hour Rated, Add	23.89	
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	203.93	27.04
		For 3 Hour Rated, Add	24.56	
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.17	18.93
		For 3 Hour Rated, Add	22.68	
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.23	20.28
		For 3 Hour Rated, Add	23.08	
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.03	22.58
		For 3 Hour Rated, Add	23.49	
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	195.15	24.74
		For 3 Hour Rated, Add	24.16	
23 33 13 19-0027	EA	18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	204.60	27.04
		For 3 Hour Rated, Add	24.70	
23 33 13 19-0028	EA	18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.72	29.21
		For 3 Hour Rated, Add	25.37	
23 33 13 19-0029	EA	18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.51	31.50
		For 3 Hour Rated, Add	25.77	
23 33 13 19-0030	EA	20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	175.57	20.28
		For 3 Hour Rated, Add	22.95	
23 33 13 19-0031	EA	20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.02	22.58
		For 3 Hour Rated, Add	23.48	
23 33 13 19-0032	EA	20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.47	24.74
		For 3 Hour Rated, Add	24.02	
23 33 13 19-0033	EA	20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	206.63	27.04
		For 3 Hour Rated, Add	25.10	
23 33 13 19-0034	EA	20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	215.40	29.21
		For 3 Hour Rated, Add	25.51	
23 33 13 19-0035	EA	20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	224.19	31.50
		For 3 Hour Rated, Add	25.91	
23 33 13 19-0036	EA	20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.64	33.80
		For 3 Hour Rated, Add	26.45	
23 33 13 19-0037	EA	20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.09	35.96
		For 3 Hour Rated, Add	26.99	
23 33 13 19-0038	EA	24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.10	22.58
		For 3 Hour Rated, Add	34.50	
23 33 13 19-0039	EA	24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	250.91	24.74
		For 3 Hour Rated, Add	35.31	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 13 19-0040	EA 24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	260.38 35.85	27.04
23 33 13 19-0041	EA 24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	271.16 36.66	29.21
23 33 13 19-0042	EA 24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	279.95 37.06	31.50
23 33 13 19-0043	EA 24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	288.73 37.47	33.80
23 33 13 19-0044	EA 24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	299.53 38.27	35.96
23 33 13 19-0045	EA 24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	317.09 39.08	40.56
23 33 13 19-0046	EA 24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	336.00 40.16	45.02
23 33 13 19-0047	EA 28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	250.91 35.31	24.74
23 33 13 19-0048	EA 28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	260.38 35.85	27.04
23 33 13 19-0049	EA 28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	271.16 36.66	29.21
23 33 13 19-0050	EA 28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	280.62 37.20	31.50
23 33 13 19-0051	EA 28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	290.75 37.87	33.80
23 33 13 19-0052	EA 28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	300.87 38.54	35.96
23 33 13 19-0053	EA 28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	318.43 39.35	40.56
23 33 13 19-0054	EA 28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	336.00 40.16	45.02
23 33 13 19-0055	EA 28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	350.84 41.78	47.32
23 33 13 19-0056	EA 28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	371.09 43.12	51.79
23 33 13 19-0057	EA 32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	264.41 36.66	27.04
23 33 13 19-0058	EA 32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	272.50 36.93	29.21
23 33 13 19-0059	EA 32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	280.62 37.20	31.50
23 33 13 19-0060	EA 32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	290.07 37.73	33.80
23 33 13 19-0061	EA 32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	301.12 38.59	35.96
23 33 13 19-0062	EA 32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	318.43 39.35	40.56
23 33 13 19-0063	EA 32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	337.35 40.43	45.02
23 33 13 19-0064	EA 32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	356.25 41.51	49.48
23 33 13 19-0065	EA 32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	371.09 43.12	51.79
23 33 13 19-0066	EA 32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	391.34 45.01	55.43
23 33 13 19-0067	EA 32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	411.58 47.16	58.55
23 33 13 19-0068	EA 36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	279.42 38.31	29.21
23 33 13 19-0069	EA 36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	289.11 38.89	31.50
23 33 13 19-0070	EA 36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	298.79 39.48	33.80
23 33 13 19-0071	EA 36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	309.95 40.36	35.96
23 33 13 19-0072	EA 36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	325.68 40.80	40.56
23 33 13 19-0073	EA 36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	334.63 41.24	42.72
23 33 13 19-0074	EA 36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	362.23 42.70	49.48
23 33 13 19-0075	EA 36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	383.07 44.17	54.08
23 33 13 19-0076	EA 36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	397.26 45.92	55.84
23 33 13 19-0077	EA 36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	421.14 48.27	59.89
23 33 13 19-0078	EA 36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	440.85 50.31	63.00
23 33 13 19-0079	EA 36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	459.32 52.66	65.30
23 33 13 19-0080	EA 40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	336.91 48.45	33.80
23 33 13 19-0081	EA 40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	349.52 49.62	35.96
23 33 13 19-0082	EA 40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	357.75 49.92	38.26
23 33 13 19-0083	EA 40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	365.98 50.21	40.56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0084	EA		40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	384.62	42.72
			For 3 Hour Rated, Add	51.24	
23 33 13 19-0085	EA		40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	396.51	45.02
			For 3 Hour Rated, Add	52.26	
23 33 13 19-0086	EA		40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	422.65	51.79
			For 3 Hour Rated, Add	53.43	
23 33 13 19-0087	EA		40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	442.02	56.24
			For 3 Hour Rated, Add	54.60	
23 33 13 19-0088	EA		40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	461.62	59.89
			For 3 Hour Rated, Add	56.36	
23 33 13 19-0089	EA		40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	487.19	63.00
			For 3 Hour Rated, Add	59.58	
23 33 13 19-0090	EA		40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	506.79	66.66
			For 3 Hour Rated, Add	61.34	
23 33 13 19-0091	EA		40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	528.30	68.41
			For 3 Hour Rated, Add	64.56	
23 33 13 19-0092	EA		40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	553.77	72.06
			For 3 Hour Rated, Add	67.49	
23 33 13 19-0093	EA		44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	346.60	33.80
			For 3 Hour Rated, Add	49.04	
23 33 13 19-0094	EA		44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	359.22	35.96
			For 3 Hour Rated, Add	50.21	
23 33 13 19-0095	EA		44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	370.37	38.26
			For 3 Hour Rated, Add	51.09	
23 33 13 19-0096	EA		44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.60	40.56
			For 3 Hour Rated, Add	51.38	
23 33 13 19-0097	EA		44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	391.22	42.72
			For 3 Hour Rated, Add	52.56	
23 33 13 19-0098	EA		44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	403.83	45.02
			For 3 Hour Rated, Add	53.73	
23 33 13 19-0099	EA		44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	438.20	54.08
			For 3 Hour Rated, Add	55.19	
23 33 13 19-0100	EA		44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	459.03	58.55
			For 3 Hour Rated, Add	56.65	
23 33 13 19-0101	EA		44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	487.19	63.00
			For 3 Hour Rated, Add	59.58	
23 33 13 19-0102	EA		44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	513.89	67.60
			For 3 Hour Rated, Add	62.22	
23 33 13 19-0103	EA		44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	542.04	72.06
			For 3 Hour Rated, Add	65.14	
23 33 13 19-0104	EA		44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	561.98	74.22
			For 3 Hour Rated, Add	67.78	
23 33 13 19-0105	EA		44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	581.92	76.53
			For 3 Hour Rated, Add	70.42	
23 33 13 19-0106	EA		44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	601.87	78.82
			For 3 Hour Rated, Add	73.05	
23 33 13 19-0107	EA		48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	357.75	35.96
			For 3 Hour Rated, Add	49.92	
23 33 13 19-0108	EA		48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	370.37	38.26
			For 3 Hour Rated, Add	51.09	
23 33 13 19-0109	EA		48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.60	40.56
			For 3 Hour Rated, Add	51.38	
23 33 13 19-0110	EA		48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	396.51	45.02
			For 3 Hour Rated, Add	52.26	
23 33 13 19-0111	EA		48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	415.88	49.48
			For 3 Hour Rated, Add	53.43	
23 33 13 19-0112	EA		48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	435.26	54.08
			For 3 Hour Rated, Add	54.60	
23 33 13 19-0113	EA		48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	457.57	58.55
			For 3 Hour Rated, Add	56.36	
23 33 13 19-0114	EA		48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	479.87	63.00
			For 3 Hour Rated, Add	58.12	
23 33 13 19-0115	EA		48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	506.57	67.60
			For 3 Hour Rated, Add	60.75	
23 33 13 19-0116	EA		48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	536.18	72.06
			For 3 Hour Rated, Add	63.97	
23 33 13 19-0117	EA		48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	556.14	74.22
			For 3 Hour Rated, Add	66.61	
23 33 13 19-0118	EA		48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	580.45	76.53
			For 3 Hour Rated, Add	70.12	
23 33 13 19-0119	EA		48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	607.16	80.98
			For 3 Hour Rated, Add	72.76	
23 33 13 19-0120	EA		48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	631.49	83.29
			For 3 Hour Rated, Add	76.27	
23 33 13 19-0121	EA		48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	663.48	90.05
			For 3 Hour Rated, Add	78.62	
23 33 13 19-0122	EA		52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	368.90	38.26
			For 3 Hour Rated, Add	50.80	
23 33 13 19-0123	EA		52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	381.52	40.56
			For 3 Hour Rated, Add	51.97	
23 33 13 19-0124	EA		52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	400.90	45.02
			For 3 Hour Rated, Add	53.14	
23 33 13 19-0125	EA		52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	415.88	49.48
			For 3 Hour Rated, Add	53.43	
23 33 13 19-0126	EA		52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	436.00	54.08
			For 3 Hour Rated, Add	54.75	
23 33 13 19-0127	EA		52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	456.11	58.55
			For 3 Hour Rated, Add	56.07	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	478.41 57.83	63.00
23 33 13	19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	500.71 59.58	67.60
23 33 13	19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	527.41 62.22	72.06
23 33 13	19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	558.50 65.73	76.53
23 33 13	19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	579.89 68.66	78.82
23 33 13	19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	605.70 72.47	80.98
23 33 13	19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	636.77 75.98	85.58
23 33 13	19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	663.48 78.62	90.05
23 33 13	19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	701.32 82.13	96.80
23 33 13	19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	729.49 85.06	101.27
23 33 13	19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	378.60 51.38	40.56
23 33 13	19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	399.43 52.85	45.02
23 33 13	19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	417.34 53.73	49.48
23 33 13	19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	432.33 54.02	54.08
23 33 13	19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	453.91 55.63	58.55
23 33 13	19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	475.48 57.24	63.00
23 33 13	19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	497.05 58.85	67.60
23 33 13	19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	518.62 60.46	72.06
23 33 13	19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	549.70 63.97	76.53
23 33 13	19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	574.05 67.49	78.82
23 33 13	19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	596.90 70.71	80.98
23 33 13	19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	630.92 74.81	85.58
23 33 13	19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	662.01 78.32	90.05
23 33 13	19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	694.56 82.13	94.51
23 33 13	19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	722.73 85.06	99.10
23 33 13	19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	755.28 88.86	103.56
23 33 13	19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	787.82 92.67	108.03
23 33 13	19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	396.51 52.26	45.02
23 33 13	19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	417.34 53.73	49.48
23 33 13	19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	433.80 54.31	54.08
23 33 13	19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	448.78 54.60	58.55
23 33 13	19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	471.09 56.36	63.00
23 33 13	19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	493.39 58.12	67.60
23 33 13	19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	516.42 60.02	72.06
23 33 13	19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	539.47 61.93	76.53
23 33 13	19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	565.26 65.73	78.82
23 33 13	19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	589.58 69.24	80.98
23 33 13	19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	622.15 73.05	85.58
23 33 13	19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	654.70 76.86	90.05
23 33 13	19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	682.86 79.79	94.51
23 33 13	19-0168	EA	60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	719.80 84.47	99.10
23 33 13	19-0169	EA	60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	753.82 88.57	103.56
23 33 13	19-0170	EA	60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	787.82 92.67	108.03
23 33 13	19-0171	EA	60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i>	818.91 96.18	112.63

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For 3 Hour Rated, Add	850.02 99.70		117.08
23 33 13 19-0173		Smoke Damper <small>(23 33 13 19)</small>			
Note: Leakage class I with Firestat UL 555S air foil blades.					
23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	78.58 10.93 9.71		10.00
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	81.16 11.20 9.96		10.45
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	82.57 11.48 10.21		10.54
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	82.57 11.48 10.21		10.54
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	84.71 11.76 10.45		10.82
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	90.76 12.31 10.94		11.98
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	84.71 11.76 10.45		10.82
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	88.96 12.31 10.94		11.45
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	92.00 12.59 11.19		11.98
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	97.73 12.86 11.43		13.52
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	88.35 12.17 10.82		11.45
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	92.00 12.59 11.19		11.98
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	95.03 12.86 11.43		12.62
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	98.97 13.14 11.68		13.52
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	106.54 13.83 12.30		15.05
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	136.78 22.66 20.15		11.98
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	140.72 22.94 20.39		12.89
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	145.55 23.22 20.64		14.15
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	149.47 23.49 20.88		15.05
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	157.07 24.19 21.50		16.49
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	164.65 24.88 22.11		18.03
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	139.82 22.94 20.39		12.62
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	144.36 23.36 20.76		13.52
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	150.72 23.77 21.13		15.05
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	158.30 24.46 21.75		16.49
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	165.26 25.02 22.24		18.03
23 33 13 19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	172.85 25.71 22.85		19.47
23 33 13 19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... For Dynamic Damper, Add For 3 Hour Rated, Add	179.20 26.12 23.22		21.00

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0202	EA		20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	143.75 23.22 20.64	13.52
23 33 13 19-0203	EA		20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	150.71 23.77 21.13	15.05
23 33 13 19-0204	EA		20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	157.68 24.32 21.62	16.49
23 33 13 19-0205	EA		20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	167.12 25.43 22.61	18.03
23 33 13 19-0206	EA		20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	173.47 25.85 22.98	19.47
23 33 13 19-0207	EA		20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	179.82 26.26 23.35	21.00
23 33 13 19-0208	EA		20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	186.78 26.82 23.84	22.54
23 33 13 19-0209	EA		20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	193.75 27.37 24.33	23.98
23 33 13 19-0210	EA		24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	187.76 32.11 28.54	15.05
23 33 13 19-0211	EA		24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	195.97 32.94 29.28	16.49
23 33 13 19-0212	EA		24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	202.95 33.50 29.77	18.03
23 33 13 19-0213	EA		24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	211.15 34.33 30.51	19.47
23 33 13 19-0214	EA		24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	217.49 34.74 30.88	21.00
23 33 13 19-0215	EA		24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	223.84 35.15 31.25	22.54
23 33 13 19-0216	EA		24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	232.04 35.98 31.99	23.98
23 33 13 19-0217	EA		24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	244.74 36.81 32.72	27.04
23 33 13 19-0218	EA		24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	258.67 37.92 33.71	30.01
23 33 13 19-0219	EA		28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	195.97 32.94 29.28	16.49
23 33 13 19-0220	EA		28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	202.95 33.50 29.77	18.03
23 33 13 19-0221	EA		28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	211.15 34.33 30.51	19.47
23 33 13 19-0222	EA		28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	218.10 34.88 31.00	21.00
23 33 13 19-0223	EA		28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	225.68 35.57 31.62	22.54
23 33 13 19-0224	EA		28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	233.26 36.26 32.23	23.98
23 33 13 19-0225	EA		28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	245.96 37.09 32.97	27.04
23 33 13 19-0226	EA		28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	258.67 37.92 33.71	30.01
23 33 13 19-0227	EA		28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	270.56 39.58 35.18	31.54
23 33 13 19-0228	EA		28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	285.72 40.97 36.41	34.52
23 33 13 19-0229	EA		32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	206.64 34.33 30.51	18.03
23 33 13 19-0230	EA		32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	212.36 34.60 30.75	19.47
23 33 13 19-0231	EA		32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	218.10 34.88 31.00	21.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0232	EA		32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	225.06	22.54
			<i>For Dynamic Damper, Add</i>	35.43	
			<i>For 3 Hour Rated, Add</i>	31.49	
23 33 13 19-0233	EA		32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	233.50	23.98
			<i>For Dynamic Damper, Add</i>	36.31	
			<i>For 3 Hour Rated, Add</i>	32.28	
23 33 13 19-0234	EA		32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	245.96	27.04
			<i>For Dynamic Damper, Add</i>	37.09	
			<i>For 3 Hour Rated, Add</i>	32.97	
23 33 13 19-0235	EA		32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.90	30.01
			<i>For Dynamic Damper, Add</i>	38.20	
			<i>For 3 Hour Rated, Add</i>	33.95	
23 33 13 19-0236	EA		32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.84	32.99
			<i>For Dynamic Damper, Add</i>	39.31	
			<i>For 3 Hour Rated, Add</i>	34.94	
23 33 13 19-0237	EA		32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	285.72	34.52
			<i>For Dynamic Damper, Add</i>	40.97	
			<i>For 3 Hour Rated, Add</i>	36.41	
23 33 13 19-0238	EA		32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	301.55	36.95
			<i>For Dynamic Damper, Add</i>	42.91	
			<i>For 3 Hour Rated, Add</i>	38.14	
23 33 13 19-0239	EA		32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	317.69	39.03
			<i>For Dynamic Damper, Add</i>	45.12	
			<i>For 3 Hour Rated, Add</i>	40.10	
23 33 13 19-0240	EA		36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	216.94	19.47
			<i>For Dynamic Damper, Add</i>	35.63	
			<i>For 3 Hour Rated, Add</i>	31.67	
23 33 13 19-0241	EA		36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	224.01	21.00
			<i>For Dynamic Damper, Add</i>	36.21	
			<i>For 3 Hour Rated, Add</i>	32.18	
23 33 13 19-0242	EA		36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	231.09	22.54
			<i>For Dynamic Damper, Add</i>	36.79	
			<i>For 3 Hour Rated, Add</i>	32.70	
23 33 13 19-0243	EA		36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	239.47	23.98
			<i>For Dynamic Damper, Add</i>	37.66	
			<i>For 3 Hour Rated, Add</i>	33.47	
23 33 13 19-0244	EA		36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	250.43	27.04
			<i>For Dynamic Damper, Add</i>	38.09	
			<i>For 3 Hour Rated, Add</i>	33.86	
23 33 13 19-0245	EA		36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.87	28.48
			<i>For Dynamic Damper, Add</i>	38.53	
			<i>For 3 Hour Rated, Add</i>	34.25	
23 33 13 19-0246	EA		36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	276.82	32.99
			<i>For Dynamic Damper, Add</i>	39.98	
			<i>For 3 Hour Rated, Add</i>	35.54	
23 33 13 19-0247	EA		36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.27	36.05
			<i>For Dynamic Damper, Add</i>	41.42	
			<i>For 3 Hour Rated, Add</i>	36.82	
23 33 13 19-0248	EA		36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	303.61	37.23
			<i>For Dynamic Damper, Add</i>	43.17	
			<i>For 3 Hour Rated, Add</i>	38.37	
23 33 13 19-0249	EA		36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	322.03	39.93
			<i>For Dynamic Damper, Add</i>	45.48	
			<i>For 3 Hour Rated, Add</i>	40.43	
23 33 13 19-0250	EA		36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	337.36	42.01
			<i>For Dynamic Damper, Add</i>	47.51	
			<i>For 3 Hour Rated, Add</i>	42.23	
23 33 13 19-0251	EA		36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	352.18	43.53
			<i>For Dynamic Damper, Add</i>	49.83	
			<i>For 3 Hour Rated, Add</i>	44.30	
23 33 13 19-0252	EA		40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.59	22.54
			<i>For Dynamic Damper, Add</i>	41.96	
			<i>For 3 Hour Rated, Add</i>	37.30	
23 33 13 19-0253	EA		40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.25	23.98
			<i>For Dynamic Damper, Add</i>	43.12	
			<i>For 3 Hour Rated, Add</i>	38.33	
23 33 13 19-0254	EA		40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.05	25.51
			<i>For Dynamic Damper, Add</i>	43.41	
			<i>For 3 Hour Rated, Add</i>	38.59	
23 33 13 19-0255	EA		40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.85	27.04
			<i>For Dynamic Damper, Add</i>	43.70	
			<i>For 3 Hour Rated, Add</i>	38.85	
23 33 13 19-0256	EA		40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.38	28.48
			<i>For Dynamic Damper, Add</i>	44.72	
			<i>For 3 Hour Rated, Add</i>	39.75	
23 33 13 19-0257	EA		40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.39	30.01
			<i>For Dynamic Damper, Add</i>	45.73	
			<i>For 3 Hour Rated, Add</i>	40.65	
23 33 13 19-0258	EA		40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	312.06	34.52
			<i>For Dynamic Damper, Add</i>	46.89	
			<i>For 3 Hour Rated, Add</i>	41.68	
23 33 13 19-0259	EA		40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	326.24	37.50
			<i>For Dynamic Damper, Add</i>	48.05	
			<i>For 3 Hour Rated, Add</i>	42.71	
23 33 13 19-0260	EA		40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	341.18	39.93
			<i>For Dynamic Damper, Add</i>	49.79	
			<i>For 3 Hour Rated, Add</i>	44.26	
23 33 13 19-0261	EA		40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.66	42.01
			<i>For Dynamic Damper, Add</i>	52.98	
			<i>For 3 Hour Rated, Add</i>	47.09	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 33 13 19-0262	EA 40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	376.59	44.44
	For Dynamic Damper, Add	54.72	
	For 3 Hour Rated, Add	48.64	
23 33 13 19-0263	EA 40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	394.37	45.61
	For Dynamic Damper, Add	57.91	
	For 3 Hour Rated, Add	51.47	
23 33 13 19-0264	EA 40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	414.48	48.04
	For Dynamic Damper, Add	60.81	
	For 3 Hour Rated, Add	54.05	
23 33 13 19-0265	EA 44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	256.68	22.54
	For Dynamic Damper, Add	42.54	
	For 3 Hour Rated, Add	37.82	
23 33 13 19-0266	EA 44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.34	23.98
	For Dynamic Damper, Add	43.70	
	For 3 Hour Rated, Add	38.85	
23 33 13 19-0267	EA 44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.73	25.51
	For Dynamic Damper, Add	44.57	
	For 3 Hour Rated, Add	39.62	
23 33 13 19-0268	EA 44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.52	27.04
	For Dynamic Damper, Add	44.87	
	For 3 Hour Rated, Add	39.88	
23 33 13 19-0269	EA 44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	290.18	28.48
	For Dynamic Damper, Add	46.02	
	For 3 Hour Rated, Add	40.91	
23 33 13 19-0270	EA 44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.83	30.01
	For Dynamic Damper, Add	47.18	
	For 3 Hour Rated, Add	41.94	
23 33 13 19-0271	EA 44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	324.31	36.05
	For Dynamic Damper, Add	48.63	
	For 3 Hour Rated, Add	43.23	
23 33 13 19-0272	EA 44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	339.75	39.03
	For Dynamic Damper, Add	50.08	
	For 3 Hour Rated, Add	44.52	
23 33 13 19-0273	EA 44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	361.66	42.01
	For Dynamic Damper, Add	52.98	
	For 3 Hour Rated, Add	47.09	
23 33 13 19-0274	EA 44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	382.27	45.06
	For Dynamic Damper, Add	55.59	
	For 3 Hour Rated, Add	49.41	
23 33 13 19-0275	EA 44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	404.16	48.04
	For Dynamic Damper, Add	58.49	
	For 3 Hour Rated, Add	51.99	
23 33 13 19-0276	EA 44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.25	49.48
	For Dynamic Damper, Add	61.10	
	For 3 Hour Rated, Add	54.31	
23 33 13 19-0277	EA 44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	436.36	51.01
	For Dynamic Damper, Add	63.71	
	For 3 Hour Rated, Add	56.63	
23 33 13 19-0278	EA 44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	452.47	52.55
	For Dynamic Damper, Add	66.32	
	For 3 Hour Rated, Add	58.95	
23 33 13 19-0279	EA 48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	265.05	23.98
	For Dynamic Damper, Add	43.41	
	For 3 Hour Rated, Add	38.59	
23 33 13 19-0280	EA 48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	274.73	25.51
	For Dynamic Damper, Add	44.57	
	For 3 Hour Rated, Add	39.62	
23 33 13 19-0281	EA 48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	280.52	27.04
	For Dynamic Damper, Add	44.87	
	For 3 Hour Rated, Add	39.88	
23 33 13 19-0282	EA 48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.39	30.01
	For Dynamic Damper, Add	45.73	
	For 3 Hour Rated, Add	40.65	
23 33 13 19-0283	EA 48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	307.55	32.99
	For Dynamic Damper, Add	46.89	
	For 3 Hour Rated, Add	41.68	
23 33 13 19-0284	EA 48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	321.73	36.05
	For Dynamic Damper, Add	48.05	
	For 3 Hour Rated, Add	42.71	
23 33 13 19-0285	EA 48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.47	39.03
	For Dynamic Damper, Add	49.79	
	For 3 Hour Rated, Add	44.26	
23 33 13 19-0286	EA 48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	355.21	42.01
	For Dynamic Damper, Add	51.53	
	For 3 Hour Rated, Add	45.80	
23 33 13 19-0287	EA 48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	375.82	45.06
	For Dynamic Damper, Add	54.14	
	For 3 Hour Rated, Add	48.12	
23 33 13 19-0288	EA 48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.01	48.04
	For Dynamic Damper, Add	57.33	
	For 3 Hour Rated, Add	50.96	
23 33 13 19-0289	EA 48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.11	49.48
	For Dynamic Damper, Add	59.94	
	For 3 Hour Rated, Add	53.28	
23 33 13 19-0290	EA 48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	435.07	51.01
	For Dynamic Damper, Add	63.42	
	For 3 Hour Rated, Add	56.37	
23 33 13 19-0291	EA 48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	455.69	53.99
	For Dynamic Damper, Add	66.03	
	For 3 Hour Rated, Add	58.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0292	EA		48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	475.65 69.50 61.78	55.52
23 33 13 19-0293	EA		48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.49 71.82 63.84	60.03
23 33 13 19-0294	EA		52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	273.44 44.28 39.36	25.51
23 33 13 19-0295	EA		52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	283.09 45.44 40.39	27.04
23 33 13 19-0296	EA		52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	297.25 46.60 41.42	30.01
23 33 13 19-0297	EA		52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	307.55 46.89 41.68	32.99
23 33 13 19-0298	EA		52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	322.38 48.20 42.84	36.05
23 33 13 19-0299	EA		52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	337.18 49.50 44.00	39.03
23 33 13 19-0300	EA		52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.93 51.24 45.55	42.01
23 33 13 19-0301	EA		52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	370.67 52.98 47.09	45.06
23 33 13 19-0302	EA		52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	391.29 55.59 49.41	48.04
23 33 13 19-0303	EA		52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	415.74 59.07 52.50	51.01
23 33 13 19-0304	EA		52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	433.13 61.97 55.08	52.55
23 33 13 19-0305	EA		52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	454.40 65.74 58.43	53.99
23 33 13 19-0306	EA		52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	478.86 69.21 61.52	57.06
23 33 13 19-0307	EA		52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.49 71.82 63.84	60.03
23 33 13 19-0308	EA		52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	528.47 75.30 66.94	64.53
23 33 13 19-0309	EA		52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	550.37 78.20 69.51	67.51
23 33 13 19-0310	EA		56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	280.52 44.87 39.88	27.04
23 33 13 19-0311	EA		56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	295.96 46.31 41.17	30.01
23 33 13 19-0312	EA		56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	308.84 47.18 41.94	32.99
23 33 13 19-0313	EA		56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	319.14 47.47 42.20	36.05
23 33 13 19-0314	EA		56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	335.25 49.07 43.62	39.03
23 33 13 19-0315	EA		56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	351.35 50.66 45.03	42.01
23 33 13 19-0316	EA		56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	367.45 52.26 46.45	45.06
23 33 13 19-0317	EA		56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	383.55 53.85 47.87	48.04
23 33 13 19-0318	EA		56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	408.01 57.33 50.96	51.01
23 33 13 19-0319	EA		56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	427.99 60.81 54.05	52.55
23 33 13 19-0320	EA		56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	446.67 64.00 56.89	53.99
23 33 13 19-0321	EA		56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	473.72 68.06 60.49	57.06

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

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

23 33 13 19-0322	EA		56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	498.20	60.03
			<i>For Dynamic Damper, Add</i>	71.53	
			<i>For 3 Hour Rated, Add</i>	63.59	
23 33 13 19-0323	EA		56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	523.96	63.00
			<i>For Dynamic Damper, Add</i>	75.30	
			<i>For 3 Hour Rated, Add</i>	66.94	
23 33 13 19-0324	EA		56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	545.87	66.07
			<i>For Dynamic Damper, Add</i>	78.20	
			<i>For 3 Hour Rated, Add</i>	69.51	
23 33 13 19-0325	EA		56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	571.62	69.04
			<i>For Dynamic Damper, Add</i>	81.97	
			<i>For 3 Hour Rated, Add</i>	72.86	
23 33 13 19-0326	EA		56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.39	72.02
			<i>For Dynamic Damper, Add</i>	85.74	
			<i>For 3 Hour Rated, Add</i>	76.21	
23 33 13 19-0327	EA		60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.39	30.01
			<i>For Dynamic Damper, Add</i>	45.73	
			<i>For 3 Hour Rated, Add</i>	40.65	
23 33 13 19-0328	EA		60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	308.84	32.99
			<i>For Dynamic Damper, Add</i>	47.18	
			<i>For 3 Hour Rated, Add</i>	41.94	
23 33 13 19-0329	EA		60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	320.43	36.05
			<i>For Dynamic Damper, Add</i>	47.76	
			<i>For 3 Hour Rated, Add</i>	42.45	
23 33 13 19-0330	EA		60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	330.74	39.03
			<i>For Dynamic Damper, Add</i>	48.05	
			<i>For 3 Hour Rated, Add</i>	42.71	
23 33 13 19-0331	EA		60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	347.49	42.01
			<i>For Dynamic Damper, Add</i>	49.79	
			<i>For 3 Hour Rated, Add</i>	44.26	
23 33 13 19-0332	EA		60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	364.22	45.06
			<i>For Dynamic Damper, Add</i>	51.53	
			<i>For 3 Hour Rated, Add</i>	45.80	
23 33 13 19-0333	EA		60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	381.62	48.04
			<i>For Dynamic Damper, Add</i>	53.42	
			<i>For 3 Hour Rated, Add</i>	47.48	
23 33 13 19-0334	EA		60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	398.99	51.01
			<i>For Dynamic Damper, Add</i>	55.30	
			<i>For 3 Hour Rated, Add</i>	49.15	
23 33 13 19-0335	EA		60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.25	52.55
			<i>For Dynamic Damper, Add</i>	59.07	
			<i>For 3 Hour Rated, Add</i>	52.50	
23 33 13 19-0336	EA		60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	440.22	53.99
			<i>For Dynamic Damper, Add</i>	62.55	
			<i>For 3 Hour Rated, Add</i>	55.60	
23 33 13 19-0337	EA		60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	465.99	57.06
			<i>For Dynamic Damper, Add</i>	66.32	
			<i>For 3 Hour Rated, Add</i>	58.95	
23 33 13 19-0338	EA		60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	491.76	60.03
			<i>For Dynamic Damper, Add</i>	70.09	
			<i>For 3 Hour Rated, Add</i>	62.30	
23 33 13 19-0339	EA		60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	513.65	63.00
			<i>For Dynamic Damper, Add</i>	72.98	
			<i>For 3 Hour Rated, Add</i>	64.87	
23 33 13 19-0340	EA		60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	543.28	66.07
			<i>For Dynamic Damper, Add</i>	77.62	
			<i>For 3 Hour Rated, Add</i>	69.00	
23 33 13 19-0341	EA		60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.32	69.04
			<i>For Dynamic Damper, Add</i>	81.68	
			<i>For 3 Hour Rated, Add</i>	72.60	
23 33 13 19-0342	EA		60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.39	72.02
			<i>For Dynamic Damper, Add</i>	85.74	
			<i>For 3 Hour Rated, Add</i>	76.21	
23 33 13 19-0343	EA		60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	621.84	75.08
			<i>For Dynamic Damper, Add</i>	89.21	
			<i>For 3 Hour Rated, Add</i>	79.30	
23 33 13 19-0344	EA		60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	646.34	78.05
			<i>For Dynamic Damper, Add</i>	92.70	
			<i>For 3 Hour Rated, Add</i>	82.40	

23 33 13 23 Backdraft Dampers (23 33 13)

23 33 13 23-0001	Horizontally Mounted Backdraft Damper <small>(23 33 13 23)</small>				
Note: Galvanized steel frame, aluminum blades. Exclude motor pack.					
23 33 13 23-0002	EA	6" x 6"	Horizontally Mounted Backdraft Damper	52.46	10.00
23 33 13 23-0003	EA	8" x 6"	Horizontally Mounted Backdraft Damper	61.29	10.45
23 33 13 23-0004	EA	8" x 8"	Horizontally Mounted Backdraft Damper	71.44	10.54
23 33 13 23-0005	EA	10" x 6"	Horizontally Mounted Backdraft Damper	68.95	10.54
23 33 13 23-0006	EA	10" x 8"	Horizontally Mounted Backdraft Damper	66.89	10.82
23 33 13 23-0007	EA	10" x 10"	Horizontally Mounted Backdraft Damper	79.10	11.98
23 33 13 23-0008	EA	12" x 6"	Horizontally Mounted Backdraft Damper	63.45	10.82
23 33 13 23-0009	EA	12" x 8"	Horizontally Mounted Backdraft Damper	77.38	11.98
23 33 13 23-0010	EA	12" x 10"	Horizontally Mounted Backdraft Damper	75.48	12.62
23 33 13 23-0011	EA	12" x 12"	Horizontally Mounted Backdraft Damper	85.71	13.52
23 33 13 23-0012	EA	14" x 6"	Horizontally Mounted Backdraft Damper	70.41	11.45
23 33 13 23-0013	EA	14" x 8"	Horizontally Mounted Backdraft Damper	72.97	12.62
23 33 13 23-0014	EA	14" x 10"	Horizontally Mounted Backdraft Damper	84.46	13.52
23 33 13 23-0015	EA	14" x 12"	Horizontally Mounted Backdraft Damper	78.83	15.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0016	EA	14"	14" x 14" Horizontally Mounted Backdraft Damper	88.97	16.49
23 33 13 23-0017	EA	16"	16" x 6" Horizontally Mounted Backdraft Damper	77.38	11.98
23 33 13 23-0018	EA	16"	16" x 8" Horizontally Mounted Backdraft Damper	80.69	13.52
23 33 13 23-0019	EA	16"	16" x 10" Horizontally Mounted Backdraft Damper	77.22	15.05
23 33 13 23-0020	EA	16"	16" x 12" Horizontally Mounted Backdraft Damper	83.65	15.05
23 33 13 23-0021	EA	16"	16" x 14" Horizontally Mounted Backdraft Damper	94.59	16.49
23 33 13 23-0022	EA	16"	16" x 16" Horizontally Mounted Backdraft Damper	105.53	18.03
23 33 13 23-0023	EA	18"	18" x 6" Horizontally Mounted Backdraft Damper	71.72	12.62
23 33 13 23-0024	EA	18"	18" x 8" Horizontally Mounted Backdraft Damper	69.50	13.52
23 33 13 23-0025	EA	18"	18" x 10" Horizontally Mounted Backdraft Damper	81.23	15.05
23 33 13 23-0026	EA	18"	18" x 12" Horizontally Mounted Backdraft Damper	92.98	16.49
23 33 13 23-0027	EA	18"	18" x 14" Horizontally Mounted Backdraft Damper	104.72	18.03
23 33 13 23-0028	EA	18"	18" x 16" Horizontally Mounted Backdraft Damper	116.32	19.47
23 33 13 23-0029	EA	18"	18" x 18" Horizontally Mounted Backdraft Damper	134.80	22.54
23 33 13 23-0030	EA	18"	18" x 20" Horizontally Mounted Backdraft Damper	117.40	23.98
23 33 13 23-0031	EA	18"	18" x 24" Horizontally Mounted Backdraft Damper	135.46	27.04
23 33 13 23-0032	EA	20"	20" x 6" Horizontally Mounted Backdraft Damper	78.18	13.52
23 33 13 23-0033	EA	20"	20" x 8" Horizontally Mounted Backdraft Damper	77.22	15.05
23 33 13 23-0034	EA	20"	20" x 10" Horizontally Mounted Backdraft Damper	89.76	16.49
23 33 13 23-0035	EA	20"	20" x 12" Horizontally Mounted Backdraft Damper	102.32	18.03
23 33 13 23-0036	EA	20"	20" x 14" Horizontally Mounted Backdraft Damper	116.67	19.47
23 33 13 23-0037	EA	20"	20" x 16" Horizontally Mounted Backdraft Damper	129.46	21.00
23 33 13 23-0038	EA	20"	20" x 18" Horizontally Mounted Backdraft Damper	117.40	23.98
23 33 13 23-0039	EA	20"	20" x 20" Horizontally Mounted Backdraft Damper	122.43	23.98
23 33 13 23-0040	EA	20"	20" x 24" Horizontally Mounted Backdraft Damper	141.50	27.04
23 33 13 23-0041	EA	20"	20" x 28" Horizontally Mounted Backdraft Damper	160.56	30.01
23 33 13 23-0042	EA	20"	20" x 32" Horizontally Mounted Backdraft Damper	156.64	32.99
23 33 13 23-0043	EA	20"	20" x 36" Horizontally Mounted Backdraft Damper	172.84	36.05
23 33 13 23-0044	EA	24"	24" x 6" Horizontally Mounted Backdraft Damper	74.00	15.05
23 33 13 23-0045	EA	24"	24" x 8" Horizontally Mounted Backdraft Damper	88.16	16.49
23 33 13 23-0046	EA	24"	24" x 10" Horizontally Mounted Backdraft Damper	102.32	18.03
23 33 13 23-0047	EA	24"	24" x 12" Horizontally Mounted Backdraft Damper	118.32	19.47
23 33 13 23-0048	EA	24"	24" x 14" Horizontally Mounted Backdraft Damper	109.86	22.54
23 33 13 23-0049	EA	24"	24" x 16" Horizontally Mounted Backdraft Damper	120.41	23.98
23 33 13 23-0050	EA	24"	24" x 18" Horizontally Mounted Backdraft Damper	135.46	27.04
23 33 13 23-0051	EA	24"	24" x 20" Horizontally Mounted Backdraft Damper	141.50	27.04
23 33 13 23-0052	EA	24"	24" x 24" Horizontally Mounted Backdraft Damper	162.58	30.01
23 33 13 23-0053	EA	24"	24" x 28" Horizontally Mounted Backdraft Damper	159.50	32.99
23 33 13 23-0054	EA	24"	24" x 32" Horizontally Mounted Backdraft Damper	177.16	36.05
23 33 13 23-0055	EA	24"	24" x 36" Horizontally Mounted Backdraft Damper	194.79	39.03
23 33 13 23-0056	EA	24"	24" x 40" Horizontally Mounted Backdraft Damper	195.19	42.01
23 33 13 23-0057	EA	24"	24" x 44" Horizontally Mounted Backdraft Damper	211.09	45.06
23 33 13 23-0058	EA	24"	24" x 48" Horizontally Mounted Backdraft Damper	217.99	45.06
23 33 13 23-0059	EA	28"	28" x 6" Horizontally Mounted Backdraft Damper	78.83	15.05
23 33 13 23-0060	EA	28"	28" x 8" Horizontally Mounted Backdraft Damper	94.59	16.49
23 33 13 23-0061	EA	28"	28" x 10" Horizontally Mounted Backdraft Damper	116.67	19.47
23 33 13 23-0062	EA	28"	28" x 12" Horizontally Mounted Backdraft Damper	109.86	22.54
23 33 13 23-0063	EA	28"	28" x 14" Horizontally Mounted Backdraft Damper	121.42	23.98
23 33 13 23-0064	EA	28"	28" x 16" Horizontally Mounted Backdraft Damper	137.47	27.04
23 33 13 23-0065	EA	28"	28" x 18" Horizontally Mounted Backdraft Damper	153.53	30.01
23 33 13 23-0066	EA	28"	28" x 20" Horizontally Mounted Backdraft Damper	160.56	30.01
23 33 13 23-0067	EA	28"	28" x 24" Horizontally Mounted Backdraft Damper	159.50	32.99
23 33 13 23-0068	EA	28"	28" x 28" Horizontally Mounted Backdraft Damper	178.59	36.05
23 33 13 23-0069	EA	28"	28" x 32" Horizontally Mounted Backdraft Damper	197.66	39.03
23 33 13 23-0070	EA	28"	28" x 36" Horizontally Mounted Backdraft Damper	207.64	45.06
23 33 13 23-0071	EA	28"	28" x 40" Horizontally Mounted Backdraft Damper	215.69	45.06
23 33 13 23-0072	EA	28"	28" x 44" Horizontally Mounted Backdraft Damper	232.76	48.04
23 33 13 23-0073	EA	28"	28" x 48" Horizontally Mounted Backdraft Damper	249.81	51.01
23 33 13 23-0074	EA	28"	28" x 52" Horizontally Mounted Backdraft Damper	257.86	51.01
23 33 13 23-0075	EA	28"	28" x 56" Horizontally Mounted Backdraft Damper	260.85	53.99
23 33 13 23-0076	EA	28"	28" x 60" Horizontally Mounted Backdraft Damper	267.88	53.99
23 33 13 23-0077	EA	32"	32" x 6" Horizontally Mounted Backdraft Damper	88.16	16.49
23 33 13 23-0078	EA	32"	32" x 8" Horizontally Mounted Backdraft Damper	111.69	19.47
23 33 13 23-0079	EA	32"	32" x 10" Horizontally Mounted Backdraft Damper	129.46	21.00
23 33 13 23-0080	EA	32"	32" x 12" Horizontally Mounted Backdraft Damper	120.41	23.98
23 33 13 23-0081	EA	32"	32" x 14" Horizontally Mounted Backdraft Damper	137.47	27.04
23 33 13 23-0082	EA	32"	32" x 16" Horizontally Mounted Backdraft Damper	154.53	30.01
23 33 13 23-0083	EA	32"	32" x 18" Horizontally Mounted Backdraft Damper	141.87	30.01
23 33 13 23-0084	EA	32"	32" x 20" Horizontally Mounted Backdraft Damper	156.64	32.99
23 33 13 23-0085	EA	32"	32" x 24" Horizontally Mounted Backdraft Damper	177.16	36.05
23 33 13 23-0086	EA	32"	32" x 28" Horizontally Mounted Backdraft Damper	197.66	39.03
23 33 13 23-0087	EA	32"	32" x 32" Horizontally Mounted Backdraft Damper	208.79	45.06
23 33 13 23-0088	EA	32"	32" x 36" Horizontally Mounted Backdraft Damper	217.99	45.06
23 33 13 23-0089	EA	32"	32" x 40" Horizontally Mounted Backdraft Damper	236.21	48.04
23 33 13 23-0090	EA	32"	32" x 44" Horizontally Mounted Backdraft Damper	254.41	51.01
23 33 13 23-0091	EA	32"	32" x 48" Horizontally Mounted Backdraft Damper	258.83	53.99
23 33 13 23-0092	EA	32"	32" x 52" Horizontally Mounted Backdraft Damper	266.88	53.99
23 33 13 23-0093	EA	32"	32" x 56" Horizontally Mounted Backdraft Damper	283.94	57.06
23 33 13 23-0094	EA	32"	32" x 60" Horizontally Mounted Backdraft Damper	291.99	57.06
23 33 13 23-0095	EA	32"	32" x 64" Horizontally Mounted Backdraft Damper	290.66	60.03
23 33 13 23-0096	EA	32"	32" x 68" Horizontally Mounted Backdraft Damper	297.55	60.03
23 33 13 23-0097	EA	32"	32" x 72" Horizontally Mounted Backdraft Damper	313.46	63.00
23 33 13 23-0098	EA	36"	36" x 6" Horizontally Mounted Backdraft Damper	92.98	16.49
23 33 13 23-0099	EA	36"	36" x 8" Horizontally Mounted Backdraft Damper	122.82	21.00
23 33 13 23-0100	EA	36"	36" x 10" Horizontally Mounted Backdraft Damper	117.40	23.98

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33	13 23-0101	EA	36" x 12" Horizontally Mounted Backdraft Damper	135.46	27.04
23 33	13 23-0102	EA	36" x 14" Horizontally Mounted Backdraft Damper	153.53	30.01
23 33	13 23-0103	EA	36" x 16" Horizontally Mounted Backdraft Damper	141.87	30.01
23 33	13 23-0104	EA	36" x 18" Horizontally Mounted Backdraft Damper	157.35	32.99
23 33	13 23-0105	EA	36" x 20" Horizontally Mounted Backdraft Damper	172.84	36.05
23 33	13 23-0106	EA	36" x 24" Horizontally Mounted Backdraft Damper	194.79	39.03
23 33	13 23-0107	EA	36" x 28" Horizontally Mounted Backdraft Damper	207.64	45.06
23 33	13 23-0108	EA	36" x 32" Horizontally Mounted Backdraft Damper	217.99	45.06
23 33	13 23-0109	EA	36" x 36" Horizontally Mounted Backdraft Damper	237.36	48.04
23 33	13 23-0110	EA	36" x 40" Horizontally Mounted Backdraft Damper	256.71	51.01
23 33	13 23-0111	EA	36" x 44" Horizontally Mounted Backdraft Damper	261.84	53.99
23 33	13 23-0112	EA	36" x 48" Horizontally Mounted Backdraft Damper	279.91	57.06
23 33	13 23-0113	EA	36" x 52" Horizontally Mounted Backdraft Damper	288.97	57.06
23 33	13 23-0114	EA	36" x 56" Horizontally Mounted Backdraft Damper	288.93	60.03
23 33	13 23-0115	EA	36" x 60" Horizontally Mounted Backdraft Damper	296.69	60.03
23 33	13 23-0116	EA	36" x 64" Horizontally Mounted Backdraft Damper	313.46	63.00
23 33	13 23-0117	EA	36" x 68" Horizontally Mounted Backdraft Damper	321.22	63.00
23 33	13 23-0118	EA	36" x 72" Horizontally Mounted Backdraft Damper	328.99	63.00
23 33	13 23-0119	EA	40" x 6" Horizontally Mounted Backdraft Damper	102.32	18.03
23 33	13 23-0120	EA	40" x 8" Horizontally Mounted Backdraft Damper	133.97	22.54
23 33	13 23-0121	EA	40" x 10" Horizontally Mounted Backdraft Damper	122.43	23.98
23 33	13 23-0122	EA	40" x 12" Horizontally Mounted Backdraft Damper	141.50	27.04
23 33	13 23-0123	EA	40" x 14" Horizontally Mounted Backdraft Damper	160.56	30.01
23 33	13 23-0124	EA	40" x 16" Horizontally Mounted Backdraft Damper	156.64	32.99
23 33	13 23-0125	EA	40" x 18" Horizontally Mounted Backdraft Damper	172.84	36.05
23 33	13 23-0126	EA	40" x 20" Horizontally Mounted Backdraft Damper	189.03	39.03
23 33	13 23-0127	EA	40" x 24" Horizontally Mounted Backdraft Damper	195.19	42.01
23 33	13 23-0128	EA	40" x 28" Horizontally Mounted Backdraft Damper	215.69	45.06
23 33	13 23-0129	EA	40" x 32" Horizontally Mounted Backdraft Damper	236.21	48.04
23 33	13 23-0130	EA	40" x 36" Horizontally Mounted Backdraft Damper	256.71	51.01
23 33	13 23-0131	EA	40" x 40" Horizontally Mounted Backdraft Damper	262.85	53.99
23 33	13 23-0132	EA	40" x 44" Horizontally Mounted Backdraft Damper	281.92	57.06
23 33	13 23-0133	EA	40" x 48" Horizontally Mounted Backdraft Damper	291.99	57.06
23 33	13 23-0134	EA	40" x 50" Horizontally Mounted Backdraft Damper	288.07	60.03
23 33	13 23-0135	EA	44" x 6" Horizontally Mounted Backdraft Damper	113.35	19.47
23 33	13 23-0136	EA	44" x 8" Horizontally Mounted Backdraft Damper	116.39	23.98
23 33	13 23-0137	EA	44" x 10" Horizontally Mounted Backdraft Damper	136.47	27.04
23 33	13 23-0138	EA	44" x 12" Horizontally Mounted Backdraft Damper	156.54	30.01
23 33	13 23-0139	EA	44" x 14" Horizontally Mounted Backdraft Damper	154.48	32.99
23 33	13 23-0140	EA	44" x 16" Horizontally Mounted Backdraft Damper	171.40	36.05
23 33	13 23-0141	EA	44" x 18" Horizontally Mounted Backdraft Damper	179.31	36.05
23 33	13 23-0142	EA	44" x 20" Horizontally Mounted Backdraft Damper	196.22	39.03
23 33	13 23-0143	EA	44" x 24" Horizontally Mounted Backdraft Damper	211.09	45.06
23 33	13 23-0144	EA	44" x 28" Horizontally Mounted Backdraft Damper	232.76	48.04
23 33	13 23-0145	EA	44" x 32" Horizontally Mounted Backdraft Damper	254.41	51.01
23 33	13 23-0146	EA	44" x 36" Horizontally Mounted Backdraft Damper	261.84	53.99
23 33	13 23-0147	EA	44" x 40" Horizontally Mounted Backdraft Damper	281.92	57.06
23 33	13 23-0148	EA	44" x 44" Horizontally Mounted Backdraft Damper	292.99	57.06
23 33	13 23-0149	EA	44" x 48" Horizontally Mounted Backdraft Damper	294.11	60.03
23 33	13 23-0150	EA	44" x 50" Horizontally Mounted Backdraft Damper	298.85	60.03
23 33	13 23-0151	EA	48" x 6" Horizontally Mounted Backdraft Damper	122.82	21.00
23 33	13 23-0152	EA	48" x 8" Horizontally Mounted Backdraft Damper	120.41	23.98
23 33	13 23-0153	EA	48" x 10" Horizontally Mounted Backdraft Damper	141.50	27.04
23 33	13 23-0154	EA	48" x 12" Horizontally Mounted Backdraft Damper	141.87	30.01
23 33	13 23-0155	EA	48" x 14" Horizontally Mounted Backdraft Damper	159.50	32.99
23 33	13 23-0156	EA	48" x 16" Horizontally Mounted Backdraft Damper	177.16	36.05
23 33	13 23-0157	EA	48" x 18" Horizontally Mounted Backdraft Damper	194.79	39.03
23 33	13 23-0158	EA	48" x 20" Horizontally Mounted Backdraft Damper	195.19	42.01
23 33	13 23-0159	EA	48" x 24" Horizontally Mounted Backdraft Damper	217.99	45.06
23 33	13 23-0160	EA	48" x 28" Horizontally Mounted Backdraft Damper	249.81	51.01
23 33	13 23-0161	EA	48" x 32" Horizontally Mounted Backdraft Damper	258.83	53.99
23 33	13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	279.91	57.06
23 33	13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	291.99	57.06
23 33	13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	294.11	60.03
23 33	13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	313.46	63.00
23 33	13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	318.64	63.00
23 33	13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	125.31	21.00
23 33	13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	131.44	27.04
23 33	13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	153.03	30.01
23 33	13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	153.04	32.99
23 33	13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	171.04	36.05
23 33	13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	189.03	39.03
23 33	13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	207.04	42.01
23 33	13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	207.06	45.06
23 33	13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	230.46	48.04
23 33	13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	253.83	51.01
23 33	13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	262.85	53.99
23 33	13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	284.44	57.06
23 33	13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	288.07	60.03
23 33	13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	298.85	60.03
23 33	13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	318.64	63.00
23 33	13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	324.03	63.00

23 33 13 23-0183 Vertically Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	55.86	10.00
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	65.84	10.45
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	67.45	10.54
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	69.84	10.54
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	75.54	10.82
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	83.93	11.98
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	82.72	10.82
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	93.51	11.98
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	95.32	12.62
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	100.41	13.52
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	81.50	11.45
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	86.86	12.62
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	93.06	13.52
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	97.56	15.05
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	105.57	16.49
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	97.30	11.98
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	103.56	13.52
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	95.21	15.05
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	95.21	15.05
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	105.28	16.49
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	109.79	18.03
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	96.36	12.62
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	99.06	13.52
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	107.73	15.05
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	116.42	16.49
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	120.93	18.03
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	125.44	19.47
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	135.85	22.54
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	136.92	23.98
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	151.11	27.04
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	110.55	13.52
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	117.65	15.05
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	122.16	16.49
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	131.84	18.03
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	136.35	19.47
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	140.85	21.00
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	153.77	23.98
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	155.06	23.98
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	164.07	27.04
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	175.67	30.01
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	189.87	32.99
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	198.89	36.05
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	138.38	15.05
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	142.89	16.49
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	147.40	18.03
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	151.91	19.47
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	164.81	22.54
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	175.80	23.98
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	184.81	27.04
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	184.81	27.04
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	173.08	30.01
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	170.57	32.99
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	179.59	36.05
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	192.00	39.03
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	202.72	42.01
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	211.73	45.06
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	211.73	45.06
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	126.70	15.05
23 33 13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	131.21	16.49
23 33 13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	140.23	19.47
23 33 13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	150.94	22.54
23 33 13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	157.15	23.98
23 33 13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	166.16	27.04
23 33 13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	175.17	30.01
23 33 13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	181.97	30.01
23 33 13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	190.98	32.99
23 33 13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	200.00	36.05
23 33 13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	210.71	39.03
23 33 13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	230.45	45.06
23 33 13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	230.45	45.06
23 33 13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	247.12	48.04
23 33 13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	240.45	51.01
23 33 13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	240.45	51.01
23 33 13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	249.47	53.99
23 33 13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	253.11	53.99
23 33 13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	141.16	16.49
23 33 13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	150.18	19.47
23 33 13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	156.14	21.00
23 33 13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	168.06	23.98
23 33 13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	182.89	27.04
23 33 13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	191.90	30.01
23 33 13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	191.90	30.01
23 33 13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	203.81	32.99
23 33 13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	212.83	36.05
23 33 13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	221.84	39.03

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories

MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	239.87	45.06
23 33 13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	244.24	45.06
23 33 13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	256.17	48.04
23 33 13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	269.53	51.01
23 33 13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	278.55	53.99
23 33 13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	278.55	53.99
23 33 13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	289.01	57.06
23 33 13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	294.10	57.06
23 33 13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	292.59	60.03
23 33 13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	292.59	60.03
23 33 13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	306.28	63.00
23 33 13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	167.23	16.49
23 33 13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	183.43	21.00
23 33 13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	192.45	23.98
23 33 13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	201.46	27.04
23 33 13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	218.49	30.01
23 33 13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	218.49	30.01
23 33 13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	227.50	32.99
23 33 13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	239.20	36.05
23 33 13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	249.54	39.03
23 33 13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	268.91	45.06
23 33 13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	268.91	45.06
23 33 13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	288.63	48.04
23 33 13 23-0292	EA	36" x 24" Vertically Mounted Backdraft Damper	297.63	51.01
23 33 13 23-0293	EA	48" x 18" Vertically Mounted Backdraft Damper	306.65	53.99
23 33 13 23-0294	EA	44" x 20" Vertically Mounted Backdraft Damper	318.33	57.06
23 33 13 23-0295	EA	28" x 32" Vertically Mounted Backdraft Damper	321.01	57.06
23 33 13 23-0296	EA	32" x 28" Vertically Mounted Backdraft Damper	330.03	60.03
23 33 13 23-0297	EA	50" x 18" Vertically Mounted Backdraft Damper	330.69	60.03
23 33 13 23-0298	EA	24" x 40" Vertically Mounted Backdraft Damper	349.73	63.00
23 33 13 23-0299	EA	40" x 24" Vertically Mounted Backdraft Damper	349.73	63.00
23 33 13 23-0300	EA	48" x 20" Vertically Mounted Backdraft Damper	349.73	63.00
23 33 13 23-0301	EA	50" x 20" Vertically Mounted Backdraft Damper	221.22	18.03
23 33 13 23-0302	EA	28" x 36" Vertically Mounted Backdraft Damper	236.07	22.54
23 33 13 23-0303	EA	36" x 28" Vertically Mounted Backdraft Damper	240.58	23.98
23 33 13 23-0304	EA	32" x 32" Vertically Mounted Backdraft Damper	252.27	27.04
23 33 13 23-0305	EA	24" x 44" Vertically Mounted Backdraft Damper	247.55	30.01
23 33 13 23-0306	EA	44" x 24" Vertically Mounted Backdraft Damper	256.56	32.99
23 33 13 23-0307	EA	28" x 40" Vertically Mounted Backdraft Damper	275.11	36.05
23 33 13 23-0308	EA	40" x 28" Vertically Mounted Backdraft Damper	284.12	39.03
23 33 13 23-0309	EA	24" x 48" Vertically Mounted Backdraft Damper	297.92	42.01
23 33 13 23-0310	EA	32" x 36" Vertically Mounted Backdraft Damper	306.93	45.06
23 33 13 23-0311	EA	36" x 32" Vertically Mounted Backdraft Damper	315.95	48.04
23 33 13 23-0312	EA	48" x 24" Vertically Mounted Backdraft Damper	324.95	51.01
23 33 13 23-0313	EA	50" x 24" Vertically Mounted Backdraft Damper	341.12	53.99
23 33 13 23-0314	EA	28" x 44" Vertically Mounted Backdraft Damper	354.89	57.06
23 33 13 23-0315	EA	44" x 28" Vertically Mounted Backdraft Damper	354.89	57.06
23 33 13 23-0316	EA	32" x 40" Vertically Mounted Backdraft Damper	371.08	60.03
23 33 13 23-0317	EA	40" x 32" Vertically Mounted Backdraft Damper	249.40	19.47
23 33 13 23-0318	EA	36" x 36" Vertically Mounted Backdraft Damper	265.30	23.98
23 33 13 23-0319	EA	28" x 48" Vertically Mounted Backdraft Damper	281.46	27.04
23 33 13 23-0320	EA	48" x 28" Vertically Mounted Backdraft Damper	290.47	30.01
23 33 13 23-0321	EA	50" x 28" Vertically Mounted Backdraft Damper	307.83	32.99
23 33 13 23-0322	EA	32" x 44" Vertically Mounted Backdraft Damper	318.04	36.05
23 33 13 23-0323	EA	44" x 32" Vertically Mounted Backdraft Damper	318.04	36.05
23 33 13 23-0324	EA	36" x 40" Vertically Mounted Backdraft Damper	332.42	39.03
23 33 13 23-0325	EA	40" x 36" Vertically Mounted Backdraft Damper	328.39	45.06
23 33 13 23-0326	EA	28" x 52" Vertically Mounted Backdraft Damper	339.55	48.04
23 33 13 23-0327	EA	32" x 48" Vertically Mounted Backdraft Damper	359.28	51.01
23 33 13 23-0328	EA	48" x 32" Vertically Mounted Backdraft Damper	368.30	53.99
23 33 13 23-0329	EA	28" x 56" Vertically Mounted Backdraft Damper	381.61	57.06
23 33 13 23-0330	EA	36" x 44" Vertically Mounted Backdraft Damper	383.76	57.06
23 33 13 23-0331	EA	44" x 36" Vertically Mounted Backdraft Damper	392.78	60.03
23 33 13 23-0332	EA	40" x 40" Vertically Mounted Backdraft Damper	394.92	60.03
23 33 13 23-0333	EA	50" x 32" Vertically Mounted Backdraft Damper	277.74	21.00
23 33 13 23-0334	EA	32" x 52" Vertically Mounted Backdraft Damper	295.35	23.98
23 33 13 23-0335	EA	28" x 60" Vertically Mounted Backdraft Damper	306.50	27.04
23 33 13 23-0336	EA	36" x 48" Vertically Mounted Backdraft Damper	321.96	30.01
23 33 13 23-0337	EA	48" x 36" Vertically Mounted Backdraft Damper	330.97	32.99
23 33 13 23-0338	EA	40" x 44" Vertically Mounted Backdraft Damper	344.28	36.05
23 33 13 23-0339	EA	44" x 40" Vertically Mounted Backdraft Damper	353.29	39.03
23 33 13 23-0340	EA	32" x 56" Vertically Mounted Backdraft Damper	366.60	42.01
23 33 13 23-0341	EA	50" x 36" Vertically Mounted Backdraft Damper	349.85	45.06
23 33 13 23-0342	EA	36" x 52" Vertically Mounted Backdraft Damper	376.46	51.01
23 33 13 23-0343	EA	32" x 60" Vertically Mounted Backdraft Damper	391.20	53.99
23 33 13 23-0344	EA	40" x 48" Vertically Mounted Backdraft Damper	400.21	57.06
23 33 13 23-0345	EA	48" x 40" Vertically Mounted Backdraft Damper	400.21	57.06
23 33 13 23-0346	EA	44" x 44" Vertically Mounted Backdraft Damper	411.14	60.03
23 33 13 23-0347	EA	40" x 50" Vertically Mounted Backdraft Damper	427.79	63.00
23 33 13 23-0348	EA	50" x 40" Vertically Mounted Backdraft Damper	427.79	63.00
23 33 13 23-0349	EA	36" x 56" Vertically Mounted Backdraft Damper	303.50	21.00
23 33 13 23-0350	EA	32" x 64" Vertically Mounted Backdraft Damper	325.35	27.04
23 33 13 23-0351	EA	44" x 48" Vertically Mounted Backdraft Damper	341.99	30.01
23 33 13 23-0352	EA	48" x 44" Vertically Mounted Backdraft Damper	351.00	32.99
23 33 13 23-0353	EA	36" x 60" Vertically Mounted Backdraft Damper	365.75	36.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0354	EA		32" x 68" Vertically Mounted Backdraft Damper	376.67	39.03
23 33 13 23-0355	EA		44" x 50" Vertically Mounted Backdraft Damper	355.75	42.01
23 33 13 23-0356	EA		50" x 44" Vertically Mounted Backdraft Damper	364.76	45.06
23 33 13 23-0357	EA		32" x 72" Vertically Mounted Backdraft Damper	384.63	48.04
23 33 13 23-0358	EA		36" x 64" Vertically Mounted Backdraft Damper	393.63	51.01
23 33 13 23-0359	EA		48" x 48" Vertically Mounted Backdraft Damper	402.65	53.99
23 33 13 23-0360	EA		48" x 50" Vertically Mounted Backdraft Damper	421.67	57.06
23 33 13 23-0361	EA		50" x 48" Vertically Mounted Backdraft Damper	430.69	60.03
23 33 13 23-0362	EA		36" x 68" Vertically Mounted Backdraft Damper	435.70	60.03
23 33 13 23-0363	EA		50" x 50" Vertically Mounted Backdraft Damper	450.14	63.00
23 33 13 23-0364	EA		36" x 72" Vertically Mounted Backdraft Damper	459.74	63.00
23 33 13 23-0365			Backdraft Damper Accessories (23 33 13 23)		
23 33 13 23-0366	EA		For Motor Pack For Horizontally Mounted Backdraft Damper.....	119.70	21.53
23 33 13 23-0367	EA		For Motor Pack For Vertically Mounted Backdraft Damper.....	190.05	21.53
23 33 13 29			Barometric Dampers (23 33 13)		
23 33 13 29-0001	EA		6" x 6" Barometric Damper	117.80	7.21
23 33 13 29-0002	EA		12" x 12" Barometric Damper	168.61	9.91
23 33 13 29-0003	EA		18" x 18" Barometric Damper	232.74	15.32
23 33 13 29-0004	EA		24" x 24" Barometric Damper	309.42	28.83
23 33 13 29-0005	EA		6" Diameter Barometric Damper	67.85	7.21
			<i>For Stainless Steel, Add</i>	51.84	
23 33 13 29-0006	EA		7" Diameter Barometric Damper	79.82	8.11
			<i>For Stainless Steel, Add</i>	61.59	
23 33 13 29-0007	EA		8" Diameter Barometric Damper	92.66	9.01
			<i>For Stainless Steel, Add</i>	71.42	
23 33 13 29-0008	EA		9" Diameter Barometric Damper	109.25	9.01
			<i>For Stainless Steel, Add</i>	90.48	
23 33 13 29-0009	EA		10" Diameter Barometric Damper	136.41	10.81
			<i>For Stainless Steel, Add</i>	123.27	
23 33 13 29-0010	EA		12" Diameter Barometric Damper	168.64	11.71
			<i>For Stainless Steel, Add</i>	158.99	
23 33 13 29-0011	EA		14" Diameter Barometric Damper	206.66	12.62
			<i>For Stainless Steel, Add</i>	202.76	
23 33 13 29-0012	EA		15" Diameter Barometric Damper	243.41	13.52
			<i>For Stainless Steel, Add</i>	243.71	
23 33 13 29-0013	EA		16" Diameter Barometric Damper	278.96	15.32
			<i>For Stainless Steel, Add</i>	284.56	
23 33 13 29-0014	EA		18" Diameter Barometric Damper	357.33	16.22
			<i>For Stainless Steel, Add</i>	380.19	
23 33 13 29-0015	EA		20" Diameter Barometric Damper	420.57	18.02
			<i>For Stainless Steel, Add</i>	455.07	
23 33 13 29-0016	EA		24" Diameter Barometric Damper	499.11	18.02
			<i>For Stainless Steel, Add</i>	552.99	
23 33 13 29-0017	EA		30" Diameter Barometric Damper	608.41	20.72
			<i>For Stainless Steel, Add</i>	685.49	
23 33 13 29-0018	EA		36" Diameter Barometric Damper	763.32	21.63
			<i>For Stainless Steel, Add</i>	881.34	
23 33 13 33			Splitter Damper Hardware (23 33 13)		
23 33 13 33-0001	EA		Splitter Damper, Hardware	27.31	6.31
23 33 13 43			Blower Check Valve (23 33 13)		
23 33 13 43-0001			Blower Check Valves With Silicone Seals (23 33 13 43)		
23 33 13 43-0002	EA		2-1/2" Blower Check Valves, Silicone Seals.....	284.94	23.25
23 33 13 43-0003	EA		3" Blower Check Valves, Silicone Seals	317.72	26.50
23 33 13 43-0004	EA		4" Blower Check Valves, Silicone Seals	407.21	35.15
23 33 13 43-0005	EA		5" Blower Check Valves, Silicone Seals	569.08	40.56
23 33 13 43-0006	EA		6" Blower Check Valves, Silicone Seals	635.03	48.68
23 33 13 43-0007	EA		8" Blower Check Valves, Silicone Seals	955.29	61.66
23 33 13 43-0008			Blower Check Valves With Viton Seats (23 33 13 43)		
23 33 13 43-0009	EA		2-1/2" Blower Check Valves, Viton Seats	401.18	23.25
23 33 13 43-0010	EA		3" Blower Check Valves, Viton Seats	455.88	26.50
23 33 13 43-0011	EA		4" Blower Check Valves, Viton Seats	503.40	35.15
23 33 13 43-0012	EA		5" Blower Check Valves, Viton Seats	713.09	40.56
23 33 13 43-0013	EA		6" Blower Check Valves, Viton Seats	794.01	48.68
23 33 13 43-0014	EA		8" Blower Check Valves, Viton Seats	1,236.51	61.66
23 33 19			Duct Sound Trap (23 33)		
23 33 19 00-0001			36" Long Packaged Duct Sound Trap (23 33 19)		
23 33 19 00-0002	EA		12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	233.44	36.95
23 33 19 00-0003	EA		12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	278.61	42.35
23 33 19 00-0004	EA		12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	353.32	48.66
23 33 19 00-0005	EA		12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	423.99	54.97
23 33 19 00-0006	EA		24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	397.42	54.97
23 33 19 00-0007	EA		24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	492.79	57.68

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 33 19 00-0008	EA	24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	541.22	61.28
23 33 19 00-0009	EA	24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	591.47	64.88
23 33 19 00-0010	EA	24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	760.78	73.89
23 33 19 00-0011	EA	36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	494.32	61.28
23 33 19 00-0012	EA	36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	656.04	73.89
23 33 19 00-0013	EA	36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,122.55	99.12
23 33 19 00-0014	EA	36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,235.08	104.54
23 33 19 00-0015	EA	48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,374.48	112.65
23 33 19 00-0016	EA	48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,538.94	122.55

23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0018	EA	12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	259.91	81.11
23 33 19 00-0019	EA	12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	311.19	93.72
23 33 19 00-0020	EA	12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	395.70	108.14
23 33 19 00-0021	EA	12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	474.82	121.65
23 33 19 00-0022	EA	24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	444.62	121.65
23 33 19 00-0023	EA	24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	554.14	128.86
23 33 19 00-0024	EA	24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	606.09	135.17
23 33 19 00-0025	EA	24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	659.41	142.38
23 33 19 00-0026	EA	24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	853.79	162.20
23 33 19 00-0027	EA	36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	552.80	135.17
23 33 19 00-0028	EA	36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	734.76	162.20
23 33 19 00-0029	EA	36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,252.92	213.57
23 33 19 00-0030	EA	36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,394.31	231.59
23 33 19 00-0031	EA	48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,541.42	246.01
23 33 19 00-0032	EA	48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,730.91	270.34

23 33 19 00-0033 84" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0034	EA	6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	222.22	67.59
23 33 19 00-0035	EA	6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	371.52	100.92
23 33 19 00-0036	EA	6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	522.31	147.79
23 33 19 00-0037	EA	12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	293.66	81.11
23 33 19 00-0038	EA	12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	360.93	93.72
23 33 19 00-0039	EA	12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	477.42	108.14
23 33 19 00-0040	EA	12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	556.81	116.25
23 33 19 00-0041	EA	12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	606.62	125.26
23 33 19 00-0042	EA	12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	749.99	135.17
23 33 19 00-0043	EA	12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	879.38	147.79
23 33 19 00-0044	EA	24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	532.01	125.26
23 33 19 00-0045	EA	24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	728.83	130.66
23 33 19 00-0046	EA	24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	790.85	135.17
23 33 19 00-0047	EA	24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	858.37	142.38
23 33 19 00-0048	EA	24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,061.05	153.20
23 33 19 00-0049	EA	24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,148.68	162.20

23 33 23 Duct Turning Vanes (23 33)

23 33 23 00-0001 Duct Turning Vane Components (23 33 23)

23 33 23 00-0002	LF	Duct Turning Vane Rail.....	6.16	2.25
		<i>For Stainless Steel, Add</i>	1.94	
23 33 23 00-0003	LF	Double Thick Factory Fabricated, Duct Turning Vane.....	4.11	0.91
		<i>For Stainless Steel, Add</i>	2.91	

23 33 23 00-0004 Duct Turning Vane Sets (23 33 23)

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF	12" High Duct Turning Vanes, Sets.....	14.51	3.38
		<i>For Stainless Steel, Add</i>	13.36	
23 33 23 00-0006	LF	14" High Duct Turning Vanes, Sets.....	17.51	3.60
		<i>For Stainless Steel, Add</i>	16.90	
23 33 23 00-0007	LF	16" High Duct Turning Vanes, Sets.....	22.97	3.78
		<i>For Stainless Steel, Add</i>	23.66	
23 33 23 00-0008	LF	18" High Duct Turning Vanes, Sets.....	28.47	4.06
		<i>For Stainless Steel, Add</i>	30.42	
23 33 23 00-0009	LF	20" High Duct Turning Vanes, Sets.....	31.40	4.33
		<i>For Stainless Steel, Add</i>	33.80	
23 33 23 00-0010	LF	22" High Duct Turning Vanes, Sets.....	38.87	4.06
		<i>For Stainless Steel, Add</i>	43.95	
23 33 23 00-0011	LF	24" High Duct Turning Vanes, Sets.....	47.62	4.78
		<i>For Stainless Steel, Add</i>	54.09	
23 33 23 00-0012	LF	26" High Duct Turning Vanes, Sets.....	50.98	4.99
		<i>For Stainless Steel, Add</i>	58.16	
23 33 23 00-0013	LF	30" High Duct Turning Vanes, Sets.....	56.59	5.19
		<i>For Stainless Steel, Add</i>	65.13	

23 33 33 Duct-Mounting Access Doors (23 33)

23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication (23 33 33)

23 33 33 00-0002	EA	6" x 6" Duct Access Doors Insulated Factory Fabrication.....	67.83	12.62
		<i>For Stainless Steel, Add</i>	34.28	
23 33 33 00-0003	EA	10" x 10" Duct Access Doors Insulated Factory Fabrication.....	71.43	12.62
		<i>For Stainless Steel, Add</i>	41.48	

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

23 33 33 00-0004	EA 12" x 12" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	73.19 45.00	12.62
23 33 33 00-0005	EA 12" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	94.11 63.44	15.32
23 33 33 00-0006	EA 16" x 12" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	94.83 64.88	15.32
23 33 33 00-0007	EA 18" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	118.44 74.66	20.72
23 33 33 00-0008	EA 24" x 18" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	141.58 80.40	25.23
23 33 33 00-0009	EA 24" x 24" Duct Access Doors Insulated Factory Fabrication..... <i>For Stainless Steel, Add</i>	184.53 98.72	34.25

23 33 43 Flexible Duct Connectors (23 33)

23 33 43 00-0001	LF Flex Duct Connector, Fabric/Sheet Metal.....	10.50	2.71
23 33 43 00-0002	LF Flex Duct Connector, Rubber Vinyl.....	10.25	2.44

23 33 46 Flexible Ducts (23 33)

23 33 46 00-0001	Flexible Duct, R4.2 Insulated With Metallized Outer Jacket (23 33 46) Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.		
23 33 46 00-0002	LF 4" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	5.04	0.91
23 33 46 00-0003	LF 5" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	5.66	1.80
23 33 46 00-0004	LF 6" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	6.60	1.80
23 33 46 00-0005	LF 7" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	7.72	1.80
23 33 46 00-0006	LF 8" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	9.37	2.71
23 33 46 00-0007	LF 10" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	11.93	2.71
23 33 46 00-0008	LF 12" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	16.33	3.60
23 33 46 00-0009	LF 14" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	20.19	3.60
23 33 46 00-0010	LF 16" Diameter Flexible Duct, R4.2 Insulated With Polyester Inner Liner And Metallized Outer Jacket.....	26.47	4.51

23 33 46 00-0011 Collars, Sheet Metal Spin-In Type With Damper (23 33 46)

23 33 46 00-0012	EA Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	31.86 15.05	5.40
23 33 46 00-0013	EA 5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	34.90 15.25	6.31
23 33 46 00-0014	EA 6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	39.97 16.82	6.31
23 33 46 00-0015	EA 7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	45.79 17.36	8.11
23 33 46 00-0016	EA 8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	55.63 19.60	9.91
23 33 46 00-0017	EA 10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	64.93 24.17	11.71
23 33 46 00-0018	EA 12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	74.09 26.04	13.52
23 33 46 00-0019	EA 14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	87.26 32.60	15.32
23 33 46 00-0020	EA 16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper..... <i>For Stainless Steel, Add</i>	95.03 35.67	17.12

23 33 53 Duct Liners (23 33)

23 33 53 00-0001	Fiberglass Duct Liner Board, Rigid, Acoustical Insulation (23 33 53)		
23 33 53 00-0002	SF 1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	9.36	2.55
23 33 53 00-0003	SF 3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	10.23	2.55
23 33 53 00-0004	SF 1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	11.35	3.40
23 33 53 00-0005	SF 1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	13.90	3.40
23 33 53 00-0006	SF 2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	16.77	3.82
23 33 53 00-0007	SF 1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	8.75	2.71
23 33 53 00-0008	SF 3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	9.57	2.71
23 33 53 00-0009	SF 1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	10.67	3.60
23 33 53 00-0010	SF 1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	12.98	3.60
23 33 53 00-0011	SF 2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board.....	15.71	4.06

23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation (23 33 53)

23 33 53 00-0013	SF 1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	1.79	2.16
23 33 53 00-0014	SF 1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket.....	2.01	2.44
23 33 53 00-0015	SF 1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket.....	2.59	2.44
23 33 53 00-0016	SF 1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket.....	3.35	2.44
23 33 53 00-0017	SF 1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket.....	2.79	2.71
23 33 53 00-0018	SF 2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket.....	2.97	2.97
23 33 53 00-0019	SF 2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket.....	4.60	2.97

23 33 56 Duct Air Extractors (23 33)

23 33 56 00-0001	EA 12" x 4" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	51.98 28.91	14.86
23 33 56 00-0002	EA 8" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	54.68 28.91	16.22

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 33 56 00-0003	EA 12" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	65.01 40.00	17.12
23 33 56 00-0004	EA 16" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	75.09 50.75	18.02
23 33 56 00-0005	EA 24" x 6" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	104.10 83.79	19.83
23 33 56 00-0006	EA 12" x 8" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	70.55 44.85	18.02
23 33 56 00-0007	EA 20" x 8" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	94.99 64.91	22.52
23 33 56 00-0008	EA 18" x 10" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	100.39 63.73	25.67
23 33 56 00-0009	EA 24" x 10" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	123.92 82.62	30.18
23 33 56 00-0010	EA 24" x 12" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	140.18 88.52	36.05
23 33 56 00-0011	EA 30" x 12" Duct Air Extractor..... <i>For Stainless Steel, Add</i>	175.44 110.93	45.06
23 33 59 Duct Pressure Relief Doors (23 33)			
23 33 59 00-0001	Duct Pressure Relief Doors (23 33 59)		
23 33 59 00-0002	EA 18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	655.02	27.03
23 33 59 00-0003	EA 24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	538.55	22.52
23 33 59 00-0004	EA 24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	536.63	24.78
23 34 HVAC Fans (23 30)			
23 34 13 Axial HVAC Fans (23 34)			
23 34 13 00-0001	Tube-Axial Fans (23 34 13)		
23 34 13 00-0002	Direct Drive Tube-Axial Duct Fans (23 34 13 00-0001)		
23 34 13 00-0003	EA 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure	1,245.95	276.33
	<i>For 1/4" Static Pressure, Add</i>	55.42	
	<i>For 3/8" Static Pressure, Add</i>	110.84	
	<i>For 1/2" Static Pressure, Add</i>	152.40	
23 34 13 00-0004	EA 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure	1,295.43	277.16
	<i>For 1/4" Static Pressure, Add</i>	59.38	
	<i>For 3/8" Static Pressure, Add</i>	118.75	
	<i>For 1/2" Static Pressure, Add</i>	163.29	
23 34 13 00-0005	EA 16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure	1,394.39	276.33
	<i>For 1/4" Static Pressure, Add</i>	67.29	
	<i>For 3/8" Static Pressure, Add</i>	134.59	
	<i>For 1/2" Static Pressure, Add</i>	185.06	
23 34 13 00-0006	EA 20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure	1,493.35	277.16
	<i>For 1/4" Static Pressure, Add</i>	75.21	
	<i>For 3/8" Static Pressure, Add</i>	150.42	
	<i>For 1/2" Static Pressure, Add</i>	206.83	
23 34 13 00-0007	EA 22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure	1,752.43	331.93
	<i>For 1/4" Static Pressure, Add</i>	87.09	
	<i>For 3/8" Static Pressure, Add</i>	174.17	
	<i>For 1/2" Static Pressure, Add</i>	239.49	
23 34 13 00-0008	EA 24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure	2,008.09	360.97
	<i>For 1/4" Static Pressure, Add</i>	102.92	
	<i>For 3/8" Static Pressure, Add</i>	205.84	
	<i>For 1/2" Static Pressure, Add</i>	283.03	
23 34 13 00-0009	EA 24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure	2,126.29	395.00
	<i>For 1/4" Static Pressure, Add</i>	106.88	
	<i>For 3/8" Static Pressure, Add</i>	213.76	
	<i>For 1/2" Static Pressure, Add</i>	293.92	
23 34 13 00-0010	EA 30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure	2,413.20	414.91
	<i>For 1/4" Static Pressure, Add</i>	126.67	
	<i>For 3/8" Static Pressure, Add</i>	253.34	
	<i>For 1/2" Static Pressure, Add</i>	348.34	
23 34 13 00-0011	EA 30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure	2,917.54	518.64
	<i>For 1/4" Static Pressure, Add</i>	150.42	
	<i>For 3/8" Static Pressure, Add</i>	300.84	
	<i>For 1/2" Static Pressure, Add</i>	413.66	
23 34 13 00-0012	EA 36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure	3,283.58	553.49
	<i>For 1/4" Static Pressure, Add</i>	174.17	
	<i>For 3/8" Static Pressure, Add</i>	348.34	
	<i>For 1/2" Static Pressure, Add</i>	478.97	
23 34 13 00-0013	EA 36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure	3,849.64	638.13
	<i>For 1/4" Static Pressure, Add</i>	205.84	
	<i>For 3/8" Static Pressure, Add</i>	411.68	
	<i>For 1/2" Static Pressure, Add</i>	566.06	
23 34 13 00-0014	Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)		
23 34 13 00-0015	EA 15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure	1,183.44	268.04
	<i>For 1/4" Static Pressure, Add</i>	51.85	
	<i>For 3/8" Static Pressure, Add</i>	103.69	
	<i>For 1/2" Static Pressure, Add</i>	142.58	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,252.46 55.94 111.88 153.83	277.16
23 34 13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,294.27 57.76 115.52 158.84	286.29
23 34 13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,367.76 62.00 124.00 170.51	296.25
23 34 13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,533.73 73.52 147.05 202.19	307.86
23 34 13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,616.11 78.22 156.45 215.11	319.48
23 34 13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,800.83 90.96 181.92 250.13	331.93
23 34 13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,017.45 108.37 216.75 298.03	331.93
23 34 13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,331.04 128.86 257.71 354.36	360.97
23 34 13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,766.62 151.60 303.19 416.89	437.31
23 34 13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,133.11 180.62 361.24 496.71	437.31
23 34 13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,442.99 201.68 403.36 554.61	461.38
23 34 13 00-0027	EA	36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,755.73 222.54 445.08 611.99	487.93
23 34 13 00-0028	EA	36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	4,304.66 242.55 485.11 667.02	638.13
23 34 13 00-0029	EA	36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	4,885.18 289.00 577.99 794.74	638.96
23 34 13 00-0030	EA	42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	5,528.30 322.00 644.00 885.50	754.15

23 34 16 Centrifugal HVAC Fans (23 34)
23 34 16 00-0001 Centrifugal Fans (23 34 16)

Note: All belt fans to be supplied with belt guard.

23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001)

Note: V-belt driven.

23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)

Note: Under 30" diameter wheel.

23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0003)

23 34 16 00-0005	EA	1/6 HP Centrifugal Fan, 12-1/4" Wheel, 450 - 1,750 CFM At 1/8" Static Pressure	1,179.47	182.31
23 34 16 00-0006	EA	1/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,732.21	189.20
23 34 16 00-0007	EA	1/3 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,779.81	150.78
23 34 16 00-0008	EA	1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,859.43	206.63
23 34 16 00-0009	EA	3/4 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,900.86	219.07
23 34 16 00-0010	EA	1 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	1,960.50	228.20
23 34 16 00-0011	EA	1-1/2 HP Centrifugal Fan, 12-1/4" Wheel, 650 - 2,950 CFM At 1/8" Static Pressure	2,017.32	243.14

23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0003)

23 34 16 00-0013	EA	1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,007.47	199.16
23 34 16 00-0014	EA	1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,041.60	206.63
23 34 16 00-0015	EA	1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,105.87	219.07
23 34 16 00-0016	EA	3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,142.44	228.20
23 34 16 00-0017	EA	1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,210.99	243.14

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 16 00-0018	EA	1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,281.21	254.76
23 34 16 00-0019		15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0020	EA	1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,018.86	206.63
23 34 16 00-0021	EA	1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,060.39	219.07
23 34 16 00-0022	EA	1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,119.70	228.20
23 34 16 00-0023	EA	3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,165.49	243.14
23 34 16 00-0024	EA	1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,228.15	254.76
23 34 16 00-0025	EA	1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,313.93	273.85
23 34 16 00-0026	EA	2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,381.25	287.95
23 34 16 00-0027		16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0028	EA	1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,321.93	219.07
23 34 16 00-0029	EA	1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,404.86	228.20
23 34 16 00-0030	EA	1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,493.87	243.14
23 34 16 00-0031	EA	3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,538.87	254.76
23 34 16 00-0032	EA	1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,595.64	273.85
23 34 16 00-0033	EA	1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,645.31	287.95
23 34 16 00-0034	EA	2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,941.78	312.85
23 34 16 00-0035		18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0036	EA	1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,398.30	228.20
23 34 16 00-0037	EA	1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,449.77	243.14
23 34 16 00-0038	EA	1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,523.81	254.76
23 34 16 00-0039	EA	3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,575.49	273.85
23 34 16 00-0040	EA	1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,654.17	287.95
23 34 16 00-0041	EA	1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,771.21	312.85
23 34 16 00-0042	EA	2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,845.44	331.93
23 34 16 00-0043	EA	3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,953.24	365.12
23 34 16 00-0044		20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0045	EA	1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	2,415.67	243.14
23 34 16 00-0046	EA	1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	2,489.67	254.76
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	2,575.49	273.85
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	2,654.17	287.95
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	2,805.32	312.85
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,025.74	331.93
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	3,168.65	365.12
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure.....	3,321.88	390.85
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,925.59	254.76
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	2,971.93	273.85
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,042.69	287.95
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,127.52	312.85
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,248.15	331.93
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,272.88	365.12
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,344.62	390.85
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,472.60	438.15
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,538.26	273.85
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,635.44	312.85
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,743.78	331.93
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,850.93	365.12
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,947.30	390.85
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,018.43	438.15
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,133.02	476.31
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,411.82	547.68
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure <small>(23 34 16 00-0003)</small>		
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	3,929.67	287.95
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,028.07	331.93
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,135.22	365.12
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,231.60	390.85
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,359.57	438.15
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,473.82	476.31
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,776.78	547.68
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure.....	4,788.31	608.26
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans <small>(23 34 16 00-0002)</small>		
		Note: Over 30" diameter wheel.		
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure <small>(23 34 16 00-0080)</small>		

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,528.23	365.12
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,620.13	390.85
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,758.27	438.15
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,883.88	476.31
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,060.69	547.68
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,221.11	608.26
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,473.76	730.25
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,708.29	842.27
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0080)		
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,505.89	390.85
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,690.73	438.15
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,862.18	476.31
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,084.13	547.68
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,290.04	608.26
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,588.16	730.25
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,934.91	842.27
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,368.81	1,095.37
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0080)		
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,323.29	438.15
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,381.02	476.31
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,489.25	547.68
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	5,604.37	608.26
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,347.06	730.25
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,613.87	842.27
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,096.74	1,095.37
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,611.52	1,369.21
23 34 16 00-0108		Kitchen System Fans (23 34 16 00-0001)		
23 34 16 00-0109		Upblast Kitchen Exhaust Fans (23 34 16 00-0108)		
23 34 16 00-0110		Direct Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)		
		Note: Greenheck CUE.		
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	780.38	107.87
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	31.99	
		For Backdraft Damper, Add	76.19	
		For Damper Motor, Add	118.14	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	907.48	107.87
		Note: 115V. For roof or wall installations. Includes disconnect switch.		
		For Bird Screen, Add	31.99	
		For Backdraft Damper, Add	76.19	
		For Damper Motor, Add	118.14	
23 34 16 00-0113		Belt Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)		
		Note: Greenheck CUBE.		
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,309.03	107.87
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	31.99	
		For Wall Mounted Fan, Add	52.36	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	76.19	
		For Damper Motor, Add	118.14	
		For Grease Trap Kit, Add	76.41	
		For Hinged Curb Kit, Add	92.93	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,364.19	107.87
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	31.99	
		For Wall Mounted Fan, Add	54.57	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	76.19	
		For Damper Motor, Add	118.14	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,184.46	124.47
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	36.41	
		For Wall Mounted Fan, Add	47.38	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	86.34	
		For Damper Motor, Add	118.14	
23 34 16 00-0117	EA	14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	1,263.89	124.47
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	36.41	
		For Wall Mounted Fan, Add	50.56	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	86.34	
		For Damper Motor, Add	118.14	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 16 00-0118	EA	16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	1,601.04	145.22
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	36.41	
		For Wall Mounted Fan, Add	64.04	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	86.34	
		For Damper Motor, Add	118.14	
23 34 16 00-0119	EA	16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	1,685.99	145.22
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	36.41	
		For Wall Mounted Fan, Add	67.44	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	86.34	
		For Damper Motor, Add	118.14	
23 34 16 00-0120	EA	18" Diameter Wheel, 1/2 HP, 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	1,835.81	155.59
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	60.68	
		For Wall Mounted Fan, Add	73.43	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	105.49	
		For Damper Motor, Add	118.14	
		For Grease Trap Kit, Add	76.41	
		For Hinged Curb Kit, Add	129.59	
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP, 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	1,968.20	155.59
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	60.68	
		For Wall Mounted Fan, Add	78.73	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	105.49	
		For Damper Motor, Add	118.14	
		For Grease Trap Kit, Add	76.41	
		For Hinged Curb Kit, Add	140.85	
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,004.38	165.96
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	60.68	
		For Wall Mounted Fan, Add	80.18	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	105.49	
		For Damper Motor, Add	118.14	
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,190.82	165.96
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	60.68	
		For Wall Mounted Fan, Add	87.63	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	105.49	
		For Damper Motor, Add	118.14	
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,521.35	186.71
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	71.71	
		For Wall Mounted Fan, Add	100.85	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	114.64	
		For Damper Motor, Add	118.14	
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,692.35	186.71
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	71.71	
		For Wall Mounted Fan, Add	107.69	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	114.64	
		For Damper Motor, Add	118.14	
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,185.05	207.45
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	77.22	
		For Wall Mounted Fan, Add	127.40	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	126.79	
		For Damper Motor, Add	118.14	
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,241.31	207.45
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
		For Bird Screen, Add	77.22	
		For Wall Mounted Fan, Add	129.65	
		For 3 Phase Motor, Deduct	-50.00	
		For Totally Enclosed Motor, Add	85.00	
		For Backdraft Damper, Add	126.79	
		For Damper Motor, Add	118.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0128	EA		30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Backdraft Damper, Add For Damper Motor, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	3,527.04 77.22 141.08 85.00 126.79 118.14 76.41 264.53	207.45
23 34 16 00-0129	EA		30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Backdraft Damper, Add For Damper Motor, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	3,664.94 77.22 146.60 85.00 126.79 118.14 76.41 276.25	207.45
23 34 16 00-0130	EA		36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	4,035.35 88.26 161.41 85.00 118.14 147.08 76.41 304.21	228.20
23 34 16 00-0131	EA		36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Wall Mounted Fan, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add For Grease Trap Kit, Add For Hinged Curb Kit, Add	4,193.93 88.26 167.76 85.00 118.14 147.08 76.41 317.69	228.20
23 34 16 00-0132	EA		42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add	4,239.87 88.26 85.00 118.14 168.76	248.95
23 34 16 00-0133	EA		42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch. For Bird Screen, Add For Totally Enclosed Motor, Add For Damper Motor, Add For Backdraft Damper, Add	4,588.04 88.26 85.00 118.14 168.76	248.95
23 34 16 00-0134			Untempered Kitchen Make-Up Air Fans (23 34 16 00-0108) Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135			Direct Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0136	EA		7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	833.89	107.87
23 34 16 00-0137	EA		8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	873.03	107.87
23 34 16 00-0138	EA		9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	921.06	107.87
23 34 16 00-0139			Belt Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)		
23 34 16 00-0140	EA		9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	939.69	107.87
23 34 16 00-0141	EA		10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,067.81	145.22
23 34 16 00-0142	EA		12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,281.93	165.96
23 34 16 00-0143	EA		15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,494.91	207.45
23 34 16 00-0144	EA		18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.	1,807.86	248.95
23 34 16 00-0145			Replacement Parts (23 34 16 00-0001)		
23 34 16 00-0146			Replace Belts And Accessories (23 34 16 00-0145)		
23 34 16 00-0147	EA		Fan Shaft Bearing, Replacement.....	613.22	277.83
23 34 16 00-0148	EA		Fan Belt, Replacement	98.45	37.69
23 34 16 00-0149			Corrosive Fume Resistant Plastic (23 34 16 00-0001)		
23 34 16 00-0150			Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (23 34 16 00-0149)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 16 00-0151	EA	250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,825.92 528.88	150.03
23 34 16 00-0152	EA	895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,161.04 570.09	180.23
23 34 16 00-0153	EA	1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,938.02 673.12	225.28
23 34 16 00-0154	EA	2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	5,317.52 707.46	300.53
23 34 16 00-0155	EA	3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,121.23 783.01	450.57
23 34 16 00-0156	EA	11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	10,594.00 1,318.76	901.14
23 34 16 00-0157	EA	18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	15,443.38 1,930.06	1,288.18
23 34 16 00-0158		Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)		
23 34 16 00-0159	EA	1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,825.92 528.88	150.03
23 34 16 00-0160	EA	1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	3,932.09 535.75	180.23
23 34 16 00-0161	EA	1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,022.21 535.75	225.28
23 34 16 00-0162	EA	2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	4,172.76 535.75	300.53
23 34 16 00-0163	EA	3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	5,754.91 728.07	450.57
23 34 16 00-0164	EA	4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	5,980.19 728.07	563.21
23 34 16 00-0165	EA	4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,142.74 728.07	644.49
23 34 16 00-0166	EA	6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,297.05 741.80	675.85
23 34 16 00-0167	EA	7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic <i>For Explosion Proof Motor, Add</i>	6,493.04 748.67	750.92
23 34 16 00-0168		In-Line Duct Fans (23 34 16 00-0001)		
23 34 16 00-0169		Direct Drive In-Line Duct Fans (23 34 16 00-0168) Note: Greenheck SQ.		
23 34 16 00-0170	EA	Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,025.95	107.87
23 34 16 00-0171	EA	13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,306.50	116.18
23 34 16 00-0172	EA	14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan Note: 115V. Includes disconnect switch.	1,432.03	124.47
23 34 16 00-0173		Belt Drive In-Line Duct Fans (23 34 16 00-0168) Note: Greenheck BSQ.		
23 34 16 00-0174	EA	Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	1,495.05 -50.00 85.00	124.47
23 34 16 00-0175	EA	13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	1,718.77 -50.00 85.00	145.22
23 34 16 00-0176	EA	13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	1,929.08 -50.00 85.00	145.22
23 34 16 00-0177	EA	13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	2,107.87 -50.00 85.00	145.22
23 34 16 00-0178	EA	16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	2,058.25 -50.00 85.00	165.96
23 34 16 00-0179	EA	16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	2,361.04 -50.00 85.00	165.96
23 34 16 00-0180	EA	24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan Note: 115/208-230/60/1. Includes disconnect switch. <i>For 3 Phase Motor, Deduct</i> <i>For Totally Enclosed Motor, Add</i>	3,003.70 -50.00 85.00	207.45
23 34 16 00-0181	EA	24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	3,170.85 85.00	207.45
23 34 16 00-0182	EA	24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: Belt drive. 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	3,288.68 85.00	207.45
23 34 16 00-0183	EA	30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	3,805.36 85.00	248.95

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0184	EA		30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. For Totally Enclosed Motor, Add	3,945.99 85.00	248.95
23 34 16 00-0185	EA		30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. For Totally Enclosed Motor, Add	4,118.82 85.00	248.95
23 34 16 00-0186			In-Line Cabinet Fans (23 34 16 00-0001)		
23 34 16 00-0187	EA		950 CFM, 80 Watts, Direct Drive In-Line Cabinet Fan.....	291.57	72.61
23 34 16 00-0188	EA		1,050 CFM, 129 Watts, Direct Drive In-Line Cabinet Fan.....	306.98	72.61
23 34 16 00-0189	EA		1,100 CFM, 173 Watts, Direct Drive In-Line Cabinet Fan.....	327.89	72.61
23 34 16 00-0190	EA		950 CFM, 48.7 Watts, Direct Drive In-Line Cabinet Fan.....	326.79	72.61
23 34 16 00-0191	EA		1,100 CFM, 52.5 Watts, Direct Drive In-Line Cabinet Fan.....	326.79	72.61
23 34 16 00-0192	EA		1,400 CFM, 100 Watts, Direct Drive In-Line Cabinet Fan.....	359.80	72.61
23 34 16 00-0193	EA		900 CFM, 48.2 Watts, Direct Drive In-Line Cabinet Fan.....	427.52	76.75
23 34 16 00-0194	EA		1,000 CFM, 82.7 Watts, Direct Drive In-Line Cabinet Fan.....	369.20	76.75
23 34 16 00-0195	EA		1,050 CFM, 80.7 Watts, Direct Drive In-Line Cabinet Fan.....	391.21	76.75
23 34 16 00-0196	EA		1,350 CFM, 140 Watts, Direct Drive In-Line Cabinet Fan.....	405.51	76.75
23 34 16 00-0197	EA		1,000 CFM, 135 Watts, Direct Drive In-Line Cabinet Fan.....	422.02	76.75
23 34 16 00-0198	EA		1,070 CFM, 217 Watts, Direct Drive In-Line Cabinet Fan.....	422.02	76.75
23 34 16 00-0199	EA		1,100 CFM, 350 Watts, Direct Drive In-Line Cabinet Fan.....	669.10	80.91
23 34 16 00-0200	EA		1,080 CFM, 325 Watts, Direct Drive In-Line Cabinet Fan.....	568.97	80.91
23 34 16 00-0201	EA		1,600 CFM, 405 Watts, Direct Drive In-Line Cabinet Fan.....	568.97	80.91
23 34 16 00-0202	EA		950 CFM, 328 Watts, Direct Drive In-Line Cabinet Fan.....	757.14	80.91
23 34 16 00-0203	EA		1,095 CFM, 455 Watts, Direct Drive In-Line Cabinet Fan.....	757.14	80.91
23 34 16 00-0204	EA		1,450 CFM, 822 Watts, Direct Drive In-Line Cabinet Fan.....	757.14	80.91
23 34 16 00-0205	EA		1,610 CFM, 830 Watts, Direct Drive In-Line Cabinet Fan.....	819.86	80.91
23 34 16 00-0206			Propeller And Ceiling Fans (23 34 16)		
23 34 16 00-0207			Direct Drive, Sidewall Propeller Exhaust Fan (23 34 16 00-0206) Note: Greenheck SE1.		
23 34 16 00-0208	EA		1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	429.39 81.90 155.34	88.80
23 34 16 00-0209	EA		1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	457.03 89.04 155.34	98.75
23 34 16 00-0210	EA		1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. For Backdraft Damper, Add For Wall Mount Collar, Add	506.18 98.19 159.47	109.53
23 34 16 00-0211	EA		1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	722.19 116.34 162.52 131.86	121.15
23 34 16 00-0212	EA		1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	738.97 116.34 166.66 140.41	134.43
23 34 16 00-0213	EA		1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	829.84 139.49 170.79 148.96	149.37
23 34 16 00-0214	EA		1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan For Backdraft Damper, Add For Wall Mount Collar, Add For Motor Side Guard, Add	945.07 139.49 173.83 160.83	165.96
23 34 16 00-0215			Belt Drive Propeller Exhaust Fans (23 34 16 00-0206) Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0216	EA		24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter.....	1,575.40	237.33
23 34 16 00-0217	EA		30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter.....	1,805.79	276.33
23 34 16 00-0218	EA		36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter.....	2,053.76	331.93
23 34 16 00-0219	EA		42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter.....	2,845.78	414.91
23 34 16 00-0220	EA		48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter.....	3,411.97	553.49
23 34 16 00-0221	EA		54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter.....	4,757.12	829.82
23 34 16 00-0222	EA		60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter.....	5,729.76	1,063.83
23 34 16 00-0223			Propeller Exhaust Fan Accessories (23 34 16 00-0206)		
23 34 16 00-0224	SF		Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening).....	81.62	
23 34 16 00-0225	SF		Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening).....	186.75	
23 34 16 00-0226			Reversible Ceiling Fans (23 34 16 00-0206)		
23 34 16 00-0227			4 Blade Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0228	EA		42" 4-Blade Ceiling Fan, Three Speed For Brass Plated Motor, Add For Light Kit, Add	369.68 20.25 25.71	42.62

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0229			5 Blade Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0230	EA		42" 5-Blade Ceiling Fan, Three Speed.....	404.02	105.49
			For Brass Plated Motor, Add	20.25	
			For Light Kit, Add	25.75	
23 34 16 00-0231	EA		52" 5-Blade Ceiling Fan, Three Speed.....	460.85	105.49
			For Brass Plated Motor, Add	20.25	
			For Light Kit, Add	25.84	
23 34 16 00-0232			3 Blade Weatherproof Ceiling Fans (23 34 16 00-0226)		
23 34 16 00-0233	EA		3-Blade Ceiling Fan, Weatherproof, Three Speed.....	383.00	41.08
23 34 16 00-0234			Ceiling Fan Down Rod (23 34 16 00-0226)		
23 34 16 00-0235	EA		1' Ceiling Fan Down Rod.....	14.09	
23 34 16 00-0236	EA		1-1/2' Ceiling Fan Down Rod.....	17.81	
23 34 16 00-0237	EA		2' Ceiling Fan Down Rod.....	19.67	
23 34 16 00-0238	EA		3' Ceiling Fan Down Rod.....	25.65	
23 34 16 00-0239	EA		4' Ceiling Fan Down Rod.....	29.84	
23 34 16 00-0240	EA		5' Ceiling Fan Down Rod.....	36.22	
23 34 16 00-0241	EA		6' Ceiling Fan Down Rod.....	44.75	
23 34 16 00-0242			Exhaust Fans (23 34 16)		
23 34 16 00-0243			Exhaust Fans (23 34 16 00-0242)		
			Note: Excludes ducting.		
23 34 16 00-0244			Light Duty Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0245			Light Duty Exhaust Fans (23 34 16 00-0244)		
23 34 16 00-0246	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 670).....	95.54	34.44
23 34 16 00-0247	EA		70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan (Broan® 671).....	99.99	34.44
23 34 16 00-0248	EA		180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 505).....	153.41	34.44
23 34 16 00-0249	EA		350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan (Broan® 504).....	189.14	34.44
23 34 16 00-0250	EA		160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 503).....	171.00	34.44
23 34 16 00-0251	EA		270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan (Broan® 502).....	221.73	34.44
23 34 16 00-0252			Light Duty Exhaust Fans With Lights (23 34 16 00-0244)		
23 34 16 00-0253	EA		50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678).....	119.34	34.44
23 34 16 00-0254	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679).....	130.49	34.44
23 34 16 00-0255	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680).....	228.54	34.44
23 34 16 00-0256			Light Duty Exhaust Fans With Heaters (23 34 16 00-0244)		
23 34 16 00-0257	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162).....	121.75	34.44
23 34 16 00-0258	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658).....	182.89	34.44
23 34 16 00-0259			Light Duty Exhaust Fans With Heaters And Lights (23 34 16 00-0244)		
23 34 16 00-0260	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655).....	193.49	34.44
23 34 16 00-0261	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL).....	284.48	34.44
23 34 16 00-0262			Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0243)		
23 34 16 00-0263			Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0262)		
			Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0264	EA		50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50).....	138.59	34.44
23 34 16 00-0265	EA		80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80).....	151.37	34.44
23 34 16 00-0266	EA		109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG).....	261.96	34.44
23 34 16 00-0267	EA		157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG).....	267.88	34.44
23 34 16 00-0268	EA		210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG).....	286.31	34.44
23 34 16 00-0269	EA		259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG).....	298.09	34.44
23 34 16 00-0270	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG).....	302.65	34.44
23 34 16 00-0271	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400).....	343.80	34.44
23 34 16 00-0272	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500).....	389.18	34.44
23 34 16 00-0273	EA		701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700).....	415.03	34.44
23 34 16 00-0274	EA		901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900).....	490.53	34.44
23 34 16 00-0275	EA		1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500).....	625.04	34.44

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

23 34 16 00-0276 Heavy Duty/Continuous Operation Kitchen Exhaust Fans (23 34 16 00-0262)					
Note: Includes enamel steel or aluminum grille.					
23 34 16 00-0277	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG).....	271.33	34.44
23 34 16 00-0278	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K).....	385.78	34.44
23 34 16 00-0279	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K).....	406.98	34.44
23 34 16 00-0280 Heavy Duty/Continuous Operation Exhaust Fans With Lights (23 34 16 00-0262)					
23 34 16 00-0281	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L).....	149.05	34.44
23 34 16 00-0282	EA		80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L).....	161.05	34.44
23 34 16 00-0283 Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0262)					
23 34 16 00-0284	EA		50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF).....	154.32	34.44
23 34 16 00-0285	EA		80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF).....	162.27	34.44
23 34 16 00-0286	EA		110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF).....	166.10	34.44
23 34 16 00-0287 Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans (23 34 16 00-0243)					
23 34 16 00-0288	EA		900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900).....	665.29	34.44
23 34 16 00-0289	EA		1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050).....	665.29	34.44
23 34 16 00-0290	EA		1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410).....	665.29	34.44
23 34 16 00-0291	EA		1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550).....	728.29	34.44
23 34 16 00-0292 Room-To-Room Exhaust Fans (23 34 16 00-0243)					
23 34 16 00-0293	EA		90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512).....	116.34	34.44
23 34 16 00-0294	EA		180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511).....	181.23	34.44
23 34 16 00-0295	EA		380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510).....	204.87	34.44
23 34 16 00-0296 Through-Wall Exhaust Fans (23 34 16 00-0243)					
23 34 16 00-0297	EA		250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507).....	192.51	34.44
23 34 16 00-0298	EA		470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506).....	225.10	34.44
23 34 16 00-0299	EA		180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509).....	170.10	34.44
23 34 16 00-0300	EA		270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508).....	221.73	34.44
23 34 16 00-0301	EA		360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C).....	374.57	34.44
23 34 16 00-0302 Exhaust Fan Accessories (23 34 16 00-0243)					
23 34 16 00-0303 Exhaust Fan Controls (23 34 16 00-0302)					
23 34 16 00-0304	EA		Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57).....	107.11	21.53
23 34 16 00-0305	EA		60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59).....	78.28	21.53
23 34 16 00-0306	EA		60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61).....	78.97	21.53
23 34 16 00-0307 Roof And Wall Caps For Exhaust Fans (23 34 16 00-0302)					
23 34 16 00-0308 Wall Caps For Exhaust Fans (23 34 16 00-0307)					
23 34 16 00-0309	EA		Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613).....	179.17	45.06
23 34 16 00-0310	EA		Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643).....	181.44	45.06
23 34 16 00-0311 Roof Caps For Exhaust Fans (23 34 16 00-0307)					
Note: Includes flashing and built in bird screen.					
23 34 16 00-0312	EA		Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611).....	155.75	45.06
23 34 16 00-0313	EA		Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612).....	214.68	45.06
23 34 16 00-0314	EA		CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636).....	110.45	45.06
23 34 16 00-0315	EA		CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634).....	128.13	45.06
23 34 16 00-0316 Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan (23 34 16 00-0243)					
Note: Includes storage and cleaning.					
23 34 16 00-0317	EA		Remove And Reinstall Light Duty Ceiling Exhaust Fan.....	62.24	
23 34 23 HVAC Power Ventilators (23 34)					
23 34 23 00-0001 Power Roof Ventilators (23 34 23)					
23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)					
Note: Greenheck G.					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0003	EA		1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	489.31	118.67
			Note: Three speed motor.		
			For 12" Roof Curb, Add	138.15	
			For Backdraft Damper, Add	70.04	
			For Solid State Speed Control, Add	69.60	
			For Damper Motor, Add	118.14	
23 34 23 00-0004	EA		1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	554.05	134.43
			Note: Three speed motor.		
			For 12" Roof Curb, Add	138.15	
			For Backdraft Damper, Add	70.04	
			For Solid State Speed Control, Add	69.60	
			For Damper Motor, Add	118.14	
23 34 23 00-0005	EA		1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	783.86	156.83
			For 12" Roof Curb, Add	141.46	
			For Backdraft Damper, Add	76.19	
			For Solid State Speed Control, Add	69.60	
			For Damper Motor, Add	118.14	
23 34 23 00-0006	EA		1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	830.61	176.76
			For 12" Roof Curb, Add	141.46	
			For Backdraft Damper, Add	76.19	
			For Solid State Speed Control, Add	69.60	
			For Damper Motor, Add	118.14	
23 34 23 00-0007	EA		1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,037.33	195.01
			For Solid State Speed Control, Add	69.60	
			For Damper Motor, Add	118.14	
23 34 23 00-0008	EA		1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster.....	1,152.67	207.45
			For 12" Roof Curb, Add	146.98	
			For Backdraft Damper, Add	86.34	
			For Solid State Speed Control, Add	103.79	
			For Damper Motor, Add	118.14	
23 34 23 00-0009			Belt Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)		
			Note: Greenheck GB.		
23 34 23 00-0010	EA		1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,035.65	176.76
			For 12" Roof Curb, Add	141.46	
			For Backdraft Damper, Add	76.19	
			For Damper Motor, Add	118.14	
23 34 23 00-0011	EA		1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,129.01	224.88
			For 12" Roof Curb, Add	146.98	
			For Backdraft Damper, Add	86.34	
			For Damper Motor, Add	118.14	
23 34 23 00-0012	EA		1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,526.07	268.04
			For 12" Roof Curb, Add	146.98	
			For Backdraft Damper, Add	86.34	
			For Damper Motor, Add	118.14	
23 34 23 00-0013	EA		3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,945.88	331.93
			For 12" Roof Curb, Add	173.45	
			For Backdraft Damper, Add	105.49	
			For Damper Motor, Add	118.14	
23 34 23 00-0014	EA		1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,565.12	414.91
			For 12" Roof Curb, Add	185.59	
			For Backdraft Damper, Add	114.64	
			For Damper Motor, Add	118.14	
23 34 23 00-0015	EA		1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,377.17	518.64
			For 12" Roof Curb, Add	204.34	
			For Backdraft Damper, Add	126.79	
			For Damper Motor, Add	118.14	
23 34 23 00-0016	EA		2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,403.64	518.64
			For 12" Roof Curb, Add	204.34	
			For Backdraft Damper, Add	126.79	
			For Damper Motor, Add	118.14	
23 34 23 00-0017	EA		3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,689.37	518.64
			For 12" Roof Curb, Add	204.34	
			For Backdraft Damper, Add	126.79	
			For Damper Motor, Add	118.14	
23 34 23 00-0018	EA		5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,697.03	518.64
			For 12" Roof Curb, Add	204.34	
			For Backdraft Damper, Add	126.79	
			For Damper Motor, Add	118.14	
23 34 23 00-0019			Propeller Exhaust Fans, Roof Mounted Upblast (23 34 23 00-0001)		
			Note: Includes back draft damper and birdscreen and curb.		
23 34 23 00-0020	EA		30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	5,303.69	638.13
23 34 23 00-0021	EA		36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	8,645.41	829.57
23 34 23 00-0022			Belt Drive Supply Fans (23 34 23 00-0001)		
23 34 23 00-0023	EA		4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	2,112.48	331.35
23 34 23 00-0024	EA		10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	2,848.04	414.83
23 34 23 00-0025			Fan Thermostat (23 34 23 00-0001)		
23 34 23 00-0026	EA		50 To 120 Degree Line Voltage Fan Thermostat.....	85.54	
23 34 23 00-0027			Power Wall Ventilators (23 34 23)		

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

23 34 23 00-0028			Centrifugal Sidewall Exhausters (23 34 23 00-0027)		
23 34 23 00-0029			Direct Drive, Aluminum, Centrifugal Sidewall Exhauster (23 34 23 00-0028) Note: Greenheck CW.		
23 34 23 00-0030	EA		1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	590.56	133.61
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	87.75	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	74.49	
23 34 23 00-0031	EA		1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	678.08	156.83
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	97.90	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	88.56	
23 34 23 00-0032	EA		1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,006.23	176.76
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	111.04	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	102.63	
23 34 23 00-0033			Belt Drive, Aluminum, Centrifugal Sidewall Exhausters (23 34 23 00-0028) Note: Greenheck CWB.		
23 34 23 00-0034	EA		1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,408.05	100.03
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	105.78	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	155.31	
23 34 23 00-0035	EA		1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,490.65	112.65
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	105.78	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	155.31	
23 34 23 00-0036	EA		3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	1,826.48	128.86
			For Solid State Speed Control, Add	103.79	
			For Backdraft Damper, Add	130.66	
			For Damper Motor, Add	188.49	
			For Interior Wall Grill, Add	180.41	
23 34 33			Air Curtains (23 34)		
23 34 33 00-0001			Unheated Air Curtains For Entrances (23 34 33)		
23 34 33 00-0002			Unheated Air Curtains, Standard Velocity (23 34 33 00-0001)		
23 34 33 00-0003	EA		Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated.....	1,778.82	608.26
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
			For Flat Side Extension Plates, Add	122.38	
			For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0004	EA		Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated.....	1,804.02	608.26
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
			For Flat Side Extension Plates, Add	122.38	
			For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0005	EA		Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated.....	1,831.32	608.26
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
			For Flat Side Extension Plates, Add	122.38	
			For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0006	EA		Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated.....	2,282.82	608.26
			Note: Includes housing, mounting brackets and manual controls.		
			For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
			For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
			For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
			For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
			For Flat Side Extension Plates, Add	122.38	
			For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
			For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
			For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	2,589.03	730.25
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	2,746.53	730.25
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	3,042.75	842.27
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated.....	3,671.70	842.27
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated.....	3,751.50	842.27
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated.....	3,963.60	842.27
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	271.95	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	202.02	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	310.80	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0013		Unheated Air Curtains, High Velocity <small>(23 34 33 00-0001)</small>		
23 34 33 00-0014	EA	High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated.....	2,196.72	608.26
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0015	EA	High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated.....	2,229.27	608.26
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0016	EA	High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated.....	2,242.92	608.26
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	244.76	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0017	EA		High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	2,269.17 99.90 244.76 122.38 244.76 293.71 310.02	608.26
23 34 33 00-0018	EA		High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,546.63 99.90 244.76 122.38 244.76 293.71 310.02	730.25
23 34 33 00-0019	EA		High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,708.33 99.90 244.76 122.38 244.76 293.71 310.02	730.25
23 34 33 00-0020	EA		High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,944.70 99.90 244.76 122.38 244.76 293.71 310.02	842.27
23 34 33 00-0021	EA		High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,504.35 99.90 244.76 122.38 244.76 293.71 310.02	842.27
23 34 33 00-0022	EA		High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,563.15 99.90 244.76 122.38 244.76 293.71 310.02	842.27
23 34 33 00-0023	EA		High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Industrial Floor-Mounted Magnetic Reed Switch Only, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	4,792.05 99.90 244.76 122.38 244.76 293.71 310.02	842.27
23 34 33 00-0024			Service Window Unheated Air Curtains (23 34 33 00-0001) Note: Normal window sizes.		
23 34 33 00-0025	EA		Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls. For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	1,438.01 99.90 122.38 244.76 293.71 310.02	479.64
23 34 33 00-0026			Heated Air Curtains For Entrances (23 34 33) Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027	EA		60" Heated Air Curtain With 1- 300 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,251.82 99.90 122.38 244.76 293.71 310.02	535.65
23 34 33 00-0028	EA		60" Heated Air Curtain With 1- 400 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,542.52 99.90 122.38 244.76 293.71 310.02	535.65
23 34 33 00-0029	EA		72" Heated Air Curtain With 1- 350 MBH Heater For Door Limit Switch, Combination Roller And Plunger, Add For Flat Side Extension Plates, Add For Clearance Adjustable-Angle Mounting Bracket, Add For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	3,901.65 99.90 122.38 244.76 293.71 310.02	642.70

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters	4,250.49	642.70
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heaters	5,201.50	856.80
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters	5,666.62	856.80
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters	6,338.57	1,043.92
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters	6,905.43	1,043.92
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters	7,964.32	1,311.54
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters	9,374.22	1,311.54
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters	9,102.61	1,499.07
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters	10,713.57	1,499.07
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0039	EA	192" Heated Air Curtain With 2- 400 MBH Heaters	10,400.17	1,713.17
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	
23 34 33 00-0040	EA	192" Heated Air Curtain With 4- 350 MBH Heaters	12,241.27	1,713.17
		For Door Limit Switch, Combination Roller And Plunger, Add	99.90	
		For Flat Side Extension Plates, Add	122.38	
		For Clearance Adjustable-Angle Mounting Bracket, Add	244.76	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	293.71	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	310.02	

23 35 Special Exhaust Systems (23 30)

See CSI section 23 31 13 16-0063 for spiral duct/piping.

23 35 13 Dust Collection Systems (23 35)**23 35 13 00-0001 Dust Collector System** (23 35 13)

23 35 13 00-0002	EA	1.5 HP Dust Collector Central Vacuum Unit	2,716.64	720.91
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0003	EA	2 HP Dust Collector Central Vacuum Unit	3,075.04	856.08
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0004	EA	2-1/2 HP Dust Collector Central Vacuum Unit	3,671.63	991.25
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0005	EA	3 HP Dust Collector Central Vacuum Unit	4,212.98	1,171.48
		Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 00-0006	EA	5 HP Dust Collector Central Vacuum Unit	8,109.13	1,298.82
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0007	EA	7-1/2 HP Dust Collector Central Vacuum Unit	9,803.04	1,515.29
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0008	EA	10 HP Dust Collector Central Vacuum Unit	11,226.72	1,731.77
		Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 00-0009	EA	15 HP Dust Collector Central Vacuum Unit	12,649.67	1,991.53
		Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.		

MINOR	DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI UOM			UNIT COST	UNIT COST

23 35 13 00-0010	EA	20 HP Dust Collector Central Vacuum Unit Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.	14,132.14	2,251.30
23 35 13 00-0011	Vacuum Tubing And Accessories (23 35 13)			
23 35 13 00-0012	Vacuum Tubing (23 35 13 00-0011)			
23 35 13 00-0013	Flexible Hose (23 35 13 00-0012)			
23 35 13 00-0014	LF	2" Flexible Hose.....	7.36	1.49
23 35 13 00-0015	LF	3" Flexible Hose.....	8.72	1.66
23 35 13 00-0016	LF	4" Flexible Hose.....	9.48	1.82
23 35 13 00-0017	Galvanized Vacuum Tubing (23 35 13 00-0012)			
23 35 13 00-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized.....	6.05	1.49
23 35 13 00-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	6.71	1.58
23 35 13 00-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized.....	7.81	1.66
23 35 13 00-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	9.86	1.74
23 35 13 00-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized.....	10.14	1.82
23 35 13 00-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized.....	16.08	2.07
23 35 13 00-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized.....	18.15	2.41
23 35 13 00-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized.....	24.64	3.32
23 35 13 00-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized.....	29.06	4.15
23 35 13 00-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized.....	68.70	5.48
23 35 13 00-0028	Vacuum Fittings, Galvanized (23 35 13 00-0011)			
23 35 13 00-0029	Reducer (23 35 13 00-0028)			
23 35 13 00-0030	EA	3" Reducer, Vacuum Tubing, Galvanized.....	33.99	11.12
23 35 13 00-0031	EA	4" Reducer, Vacuum Tubing, Galvanized.....	37.58	12.03
23 35 13 00-0032	EA	5" Reducer, Vacuum Tubing, Galvanized.....	45.92	13.28
23 35 13 00-0033	EA	6" Reducer, Vacuum Tubing, Galvanized.....	49.89	14.77
23 35 13 00-0034	EA	8" Reducer, Vacuum Tubing, Galvanized.....	57.84	16.60
23 35 13 00-0035	90 Degree Elbow (23 35 13 00-0011)			
23 35 13 00-0036	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	31.95	9.54
23 35 13 00-0037	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	38.33	10.21
23 35 13 00-0038	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	46.49	11.12
23 35 13 00-0039	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	54.06	12.03
23 35 13 00-0040	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	63.55	13.28
23 35 13 00-0041	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	99.44	14.77
23 35 13 00-0042	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	129.65	16.60
23 35 13 00-0043	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	226.69	22.16
23 35 13 00-0044	45 Degree Elbow (23 35 13 00-0011)			
23 35 13 00-0045	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	30.39	9.54
23 35 13 00-0046	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	37.05	10.21
23 35 13 00-0047	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	42.20	11.12
23 35 13 00-0048	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	49.22	12.03
23 35 13 00-0049	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	59.08	13.28
23 35 13 00-0050	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	83.92	14.77
23 35 13 00-0051	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	106.83	16.60
23 35 13 00-0052	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	188.35	22.16
23 35 13 00-0053	Wye (23 35 13 00-0011)			
23 35 13 00-0054	EA	2-1/8" Wye, Vacuum Tubing, Galvanized.....	56.84	15.77
23 35 13 00-0055	EA	2-1/2" Wye, Vacuum Tubing, Galvanized.....	66.70	17.01
23 35 13 00-0056	EA	3" Wye, Vacuum Tubing, Galvanized.....	79.53	18.25
23 35 13 00-0057	EA	3-1/2" Wye, Vacuum Tubing, Galvanized.....	94.82	20.33
23 35 13 00-0058	EA	4" Wye, Vacuum Tubing, Galvanized.....	122.61	21.99
23 35 13 00-0059	EA	5" Wye, Vacuum Tubing, Galvanized.....	197.04	24.48
23 35 13 00-0060	EA	6" Wye, Vacuum Tubing, Galvanized.....	257.17	27.80
23 35 13 00-0061	EA	8" Wye, Vacuum Tubing, Galvanized.....	488.61	30.29
23 35 13 00-0062	EA	10" Wye, Vacuum Tubing, Galvanized.....	669.75	33.19
23 35 13 00-0063	EA	12" Wye, Vacuum Tubing, Galvanized.....	842.47	37.18
23 35 13 00-0064	Air Gate Valve, Galvanized (23 35 13 00-0011)			
23 35 13 00-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized.....	192.12	22.16
23 35 13 00-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	201.61	23.65
23 35 13 00-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized.....	230.47	25.47
23 35 13 00-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	260.68	27.22
23 35 13 00-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized.....	292.82	28.87
23 35 13 00-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized.....	344.79	32.94
23 35 13 00-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized.....	396.06	36.93

23 35 16 Engine Exhaust Systems (23 35)
23 35 16 16 Mechanical Engine Exhaust Systems (23 35 16)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 35 16 16-0001		Overhead Tailpipe Exhaust System (23 35 16 16)			
23 35 16 16-0002		Overhead Tailpipe Exhaust Blowers (23 35 16 16-0001)			
23 35 16 16-0003		Overhead Direct Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)			
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,297.19		176.76
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	2,700.52		360.97
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	3,741.10		437.31
23 35 16 16-0007		Overhead Belt Drive Tailpipe Exhaust Blowers (23 35 16 16-0002)			
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	2,628.34		360.97
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	2,813.96		437.31
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	3,413.55		692.07
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,189.72		892.89
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	5,277.93		1,063.83
23 35 16 16-0013		Spiral Exhaust Duct Accessories (23 35 16 16-0001)			
23 35 16 16-0014		Flex Hose x Length (23 35 16 16-0013) Note: Includes duct coupler, damper and tailpipe adapter.			
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	151.02		43.98
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	121.95		43.98
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	229.22		69.71
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	180.64		69.71
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	311.49		110.37
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	294.10		110.37
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	468.76		175.09
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	432.18		175.09
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter (23 35 16 16-0013)			
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	174.21		43.98
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	246.15		69.71
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	140.72		43.98
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	196.46		69.71
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	1,689.98		59.25
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,414.28		108.71
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,571.74		108.71
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	73.36		8.47
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	83.03		8.47
23 35 16 16-0033		Flexible Hose (23 35 16 16-0013)			
23 35 16 16-0034	LF	3" Stainless Steel Flexible Tubing.....	21.65		2.07
23 35 16 16-0035	LF	4" Stainless Steel Flexible Tubing.....	27.36		2.33
23 35 16 16-0036	LF	5" Stainless Steel Flexible Tubing.....	32.33		2.41
23 35 16 16-0037	LF	6" Stainless Steel Flexible Tubing.....	37.99		2.58
23 35 16 16-0038	LF	3" Galvanized Flexible Tubing	12.91		2.07
23 35 16 16-0039	LF	4" Galvanized Flexible Tubing	15.08		2.33
23 35 16 16-0040	LF	5" Galvanized Flexible Tubing	17.16		2.41
23 35 16 16-0041	LF	6" Galvanized Flexible Tubing	19.06		2.58
23 35 16 16-0042		Accessories (23 35 16 16-0001)			
23 35 16 16-0043	EA	3" Tail Pipe Adapter.....	60.50		6.22
23 35 16 16-0044	EA	4" Tail Pipe Adapter	62.42		6.22
23 35 16 16-0045	EA	5" Tail Pipe Adapter	66.01		7.06
23 35 16 16-0046	EA	3" Bullnose (Guide).....	32.86		4.15
23 35 16 16-0047	EA	4" Bullnose (Guide).....	34.76		4.56
23 35 16 16-0048	EA	5" Bullnose (Guide).....	36.98		4.98
23 35 16 16-0049	EA	Flex-Hose Winch And Associated Hardware	223.47		47.06
23 35 16 16-0050	LF	Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.16		
23 35 19		Fume Exhaust (23 35)			
23 35 19 00-0001	EA	Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	1,676.94		331.68
23 35 19 00-0002	EA	Hose Extension Kit 5'	290.37		73.68
23 36		Air Terminal Units (23 30)			
23 36 13		Constant-Air-Volume Units (23 36)			
23 36 13 00-0001		Vertical Units, With Electric Heating Coils (23 36 13)			
23 36 13 00-0002	EA	60 CFM Vertical Induction Unit, With Electric Heating Coils	1,400.18		109.91
23 36 13 00-0003	EA	90 CFM Vertical Induction Unit, With Electric Heating Coils	1,689.52		118.37
23 36 13 00-0004	EA	120 CFM Vertical Induction Unit, With Electric Heating Coils	1,803.85		122.60
23 36 13 00-0005	EA	150 CFM Vertical Induction Unit, With Electric Heating Coils	1,926.65		131.06
23 36 13 00-0006	EA	175 CFM Vertical Induction Unit, With Electric Heating Coils	2,177.99		135.28
23 36 13 00-0007		Horizontal Units, With Electric Heating Coils (23 36 13)			

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

23 36 13 00-0008	EA		60 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,182.33	109.91
23 36 13 00-0009	EA		90 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,417.09	118.37
23 36 13 00-0010	EA		120 CFM Horizontal Induction Unit, With Electric Heating Coils.....	1,696.99	124.72

23 36 13 00-0011 Duct Boxes, Constant Volume Control (23 36 13)

23 36 13 00-0012 Single Duct Boxes, Constant Volume Control (23 36 13 00-0011)

23 36 13 00-0013	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control.....	849.91	34.25
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0014	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control.....	940.32	36.95
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0015	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control.....	978.49	40.55
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0016	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control.....	996.98	42.35
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0017	EA		12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control.....	1,014.46	46.86
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0018	EA		14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control.....	1,159.74	52.26
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0019	EA		16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control.....	1,219.32	58.57
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0020	EA		20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control.....	1,299.39	70.29
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0021	EA		24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control.....	1,378.94	81.11
			<i>For Boxes With Motor, Add</i>	20.00	

23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control (23 36 13 00-0011)

23 36 13 00-0023	EA		4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control.....	1,186.16	34.25
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0024	EA		6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control.....	1,269.40	36.95
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0025	EA		7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control.....	1,326.27	40.55
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0026	EA		9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control.....	1,381.82	42.35
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0027	EA		12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control.....	1,399.30	46.86
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0028	EA		14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control.....	1,607.53	53.17
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0029	EA		16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control.....	1,758.21	58.57
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0030	EA		20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control.....	1,898.27	70.29
			<i>For Boxes With Motor, Add</i>	20.00	
23 36 13 00-0031	EA		24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control.....	1,987.35	81.11
			<i>For Boxes With Motor, Add</i>	20.00	

23 36 16 Variable-Air-Volume Units (23 36)

23 36 16 00-0001 Variable Volume Terminal Unit (23 36 16)

Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.

23 36 16 00-0002 Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)

Note: Enclosure only. For mounting DDC controls.

23 36 16 00-0003	EA		6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	281.89	41.45
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0004	EA		8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	317.19	46.86
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0005	EA		10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	354.84	52.26
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0006	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	384.47	58.57
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0007	EA		14" Diameter Inlet, 450 - 3,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	523.51	126.07
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0008	EA		16" Diameter Inlet, 580 - 4,000 CFM, Variable Air Volume Box With enclosure only. For mounting DDC controls.....	673.35	149.59
			<i>For Filters And Frames, Add</i>	6.30	

23 36 16 00-0009 Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)

Note: With pneumatic controls.

23 36 16 00-0010	EA		6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller.....	488.98	41.45
			<i>For Fan Powered Variable Air Volume Box, Add</i>	435.42	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0011	EA		8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller.....	533.99	46.86
			<i>For Fan Powered Variable Air Volume Box, Add</i>	467.43	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0012	EA		10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller.....	567.90	52.26
			<i>For Fan Powered Variable Air Volume Box, Add</i>	483.85	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 36 Air Terminal Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0013	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller	601.27	58.57
			<i>For Fan Powered Variable Air Volume Box, Add</i>	499.37	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0014	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller.....	720.13	126.07
			<i>For Fan Powered Variable Air Volume Box, Add</i>	565.29	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0015	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller.....	886.42	149.59
			<i>For Fan Powered Variable Air Volume Box, Add</i>	624.34	
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0016 Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With analog electronic controls.					
23 36 16 00-0017	EA		6" Diameter Inlet, 60 - 500 CFM, Variable Air Volume Box With analog electronic controls	746.90	41.45
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0018	EA		8" Diameter Inlet, 105 - 900 CFM, Variable Air Volume Box With analog electronic controls	785.93	46.86
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0019	EA		10" Diameter Inlet, 165 - 1,400 CFM, Variable Air Volume Box With analog electronic controls	823.58	52.26
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0020	EA		12" Diameter Inlet, 235 - 2,000 CFM, Variable Air Volume Box With analog electronic controls	871.16	58.57
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0021	EA		14" Diameter Inlet, 320 - 3,000 CFM, Variable Air Volume Box With analog electronic controls	990.76	126.07
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0022	EA		16" Diameter Inlet, 420 - 4,000 CFM, Variable Air Volume Box With analog electronic controls	1,005.71	126.07
			<i>For Hot Water Coils, Add</i>	40.55	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit (23 36 16 00-0001)					
Note: With flow control installation, plenum system power box, thermostat.					
23 36 16 00-0024	EA		6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct	541.34	81.91
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0025	EA		8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct	596.15	93.26
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0026	EA		10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct	644.46	105.34
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0027	EA		12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct	709.05	117.51
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0028	EA		14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct	800.55	135.17
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0029	EA		16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct	894.77	162.20
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) (23 36 16 00-0001)					
23 36 16 00-0031	EA		0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A).....	377.78	56.32
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0032	EA		0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B).....	410.99	61.95
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0033	EA		0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C).....	444.93	67.59
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0034	EA		0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D).....	479.68	73.22
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0035	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E).....	515.30	78.85
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0036	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F).....	551.81	84.48
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0037	EA		0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G).....	591.82	90.11
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0038	EA		0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H).....	630.56	95.75
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0039	EA		0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J).....	670.41	101.38
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0040	EA		0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K).....	711.48	107.01
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0041	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L).....	753.86	112.65
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0042	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M).....	797.61	118.27
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0043	EA		0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N).....	842.85	123.91
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0044	EA		0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P).....	886.26	129.53
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0045	EA		0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R).....	934.54	135.17
			<i>For Filters And Frames, Add</i>	6.30	

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

23 37 Air Outlets And Inlets (23 30)

23 37 13 Diffusers, Registers, And Grilles (23 37)

23 37 13 00-0001 Wall And Floor Diffusers (23 37 13)

23 37 13 00-0002 Slot Type Linear Diffusers (23 37 13 00-0001)

Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.

23 37 13 00-0003	LF 1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	34.51	4.51
	For 3/4" Border, Add	3.90	
	For Floor Mounted Diffusers, Add	4.67	
	For Stainless Steel, Add	20.25	
23 37 13 00-0004	LF 2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling.....	41.48	5.40
	For 3/4" Border, Add	5.19	
	For Floor Mounted Diffusers, Add	6.23	
	For Stainless Steel, Add	27.00	
23 37 13 00-0005	LF 3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling.....	56.16	6.31
	For 3/4" Border, Add	8.18	
	For Floor Mounted Diffusers, Add	9.82	
	For Stainless Steel, Add	42.54	
23 37 13 00-0006	LF 4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling.....	72.86	6.31
	For 3/4" Border, Add	11.69	
	For Floor Mounted Diffusers, Add	14.02	
	For Stainless Steel, Add	60.76	
23 37 13 00-0007	LF 5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling.....	90.53	7.21
	For 3/4" Border, Add	15.19	
	For Floor Mounted Diffusers, Add	18.23	
	For Stainless Steel, Add	79.00	
23 37 13 00-0008	LF 6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling.....	105.89	9.01
	For 3/4" Border, Add	17.92	
	For Floor Mounted Diffusers, Add	21.50	
	For Stainless Steel, Add	93.17	

23 37 13 00-0009 Linear Bar Grilles And Registers (23 37 13 00-0001)

Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.

23 37 13 00-0010	LF 2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	96.02	5.40
	For Floor Mount, Add	7.53	
	For Opposed Blade Damper, Add	15.06	
	For Stainless Steel, Add	97.90	
23 37 13 00-0011	LF 3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling.....	114.33	6.31
	For Floor Mount, Add	9.09	
	For Opposed Blade Damper, Add	18.18	
	For Stainless Steel, Add	118.16	
23 37 13 00-0012	LF 4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling.....	124.80	6.31
	For Floor Mount, Add	9.87	
	For Opposed Blade Damper, Add	19.74	
	For Stainless Steel, Add	128.28	
23 37 13 00-0013	LF 6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling.....	153.67	9.01
	For Floor Mount, Add	11.95	
	For Opposed Blade Damper, Add	23.89	
	For Stainless Steel, Add	155.29	
23 37 13 00-0014	LF 9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling.....	212.15	11.71
	For Floor Mount, Add	16.62	
	For Opposed Blade Damper, Add	33.24	
	For Stainless Steel, Add	216.06	
23 37 13 00-0015	LF 12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling.....	245.51	13.52
	For Floor Mount, Add	18.96	
	For Opposed Blade Damper, Add	37.91	
	For Stainless Steel, Add	246.44	

23 37 13 00-0016 Ceiling Diffusers (23 37 13)

23 37 13 00-0017 Ceiling Diffusers With Perforated Face (23 37 13 00-0016)

Note: Flush mount, aluminum construction, includes damper.

23 37 13 00-0018	EA 6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	76.67	11.71
	For Steel Construction, Deduct	-4.55	
	For Surface Mount, Deduct	-3.64	
	For Diffuser Without Damper, Deduct	-6.07	
	For Stainless Steel, Add	75.83	
23 37 13 00-0019	EA 8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	83.41	11.71
	For Steel Construction, Deduct	-5.56	
	For Surface Mount, Deduct	-4.45	
	For Diffuser Without Damper, Deduct	-7.41	
	For Stainless Steel, Add	92.68	
23 37 13 00-0020	EA 9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	83.41	11.71
	For Steel Construction, Deduct	-5.56	
	For Surface Mount, Deduct	-4.45	
	For Diffuser Without Damper, Deduct	-7.41	
	For Stainless Steel, Add	92.68	
23 37 13 00-0021	EA 10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	100.31	14.42
	For Steel Construction, Deduct	-6.66	
	For Surface Mount, Deduct	-5.32	
	For Diffuser Without Damper, Deduct	-8.87	
	For Stainless Steel, Add	110.93	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 00-0022	EA 12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	100.31	13.52
	For Steel Construction, Deduct	-6.66	
	For Surface Mount, Deduct	-5.32	
	For Diffuser Without Damper, Deduct	-8.87	
	For Stainless Steel, Add	110.93	
23 37 13 00-0023	EA 16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	112.67	13.52
	For Steel Construction, Deduct	-8.51	
	For Surface Mount, Deduct	-6.81	
	For Diffuser Without Damper, Deduct	-11.35	
	For Stainless Steel, Add	141.83	
23 37 13 00-0024	EA 18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	131.22	18.02
	For Steel Construction, Deduct	-9.15	
	For Surface Mount, Deduct	-7.32	
	For Diffuser Without Damper, Deduct	-12.20	
	For Stainless Steel, Add	152.50	
23 37 13 00-0025	EA 20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	149.89	18.92
	For Steel Construction, Deduct	-11.42	
	For Surface Mount, Deduct	-9.14	
	For Diffuser Without Damper, Deduct	-15.23	
	For Stainless Steel, Add	190.40	
23 37 13 00-0026	EA 24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	170.53	21.63
	For Steel Construction, Deduct	-12.71	
	For Surface Mount, Deduct	-10.16	
	For Lay-In Mount, Deduct	-10.16	
	For Diffuser Without Damper, Deduct	-16.94	
	For Stainless Steel, Add	211.75	
23 37 13 00-0027	Ceiling Diffusers With Louver Face (23 37 13 00-0016)		
	Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13 00-0028	EA 6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	78.92	11.71
	For Steel Construction, Deduct	-4.89	
	For Lay-In Mount, Add	6.52	
	For Stainless Steel, Add	81.45	
23 37 13 00-0029	EA 8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	87.68	11.71
	For Steel Construction, Deduct	-6.20	
	For Lay-In Mount, Add	8.27	
	For Stainless Steel, Add	103.35	
23 37 13 00-0030	EA 9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	87.68	11.71
	For Steel Construction, Deduct	-6.20	
	For Lay-In Mount, Add	8.27	
	For Stainless Steel, Add	103.35	
23 37 13 00-0031	EA 10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	105.37	13.52
	For Steel Construction, Deduct	-7.41	
	For Lay-In Mount, Add	9.89	
	For Stainless Steel, Add	123.58	
23 37 13 00-0032	EA 12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	105.37	14.42
	For Steel Construction, Deduct	-7.41	
	For Lay-In Mount, Add	9.89	
	For Stainless Steel, Add	123.58	
23 37 13 00-0033	EA 24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	135.23	18.02
	For Steel Construction, Deduct	-9.71	
	For Lay-In Mount, Add	12.94	
	For Stainless Steel, Add	161.78	
23 37 13 00-0034	EA 14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	123.32	18.02
	For Steel Construction, Deduct	-7.92	
	For Lay-In Mount, Add	10.56	
	For Stainless Steel, Add	132.00	
23 37 13 00-0035	EA 18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	153.11	21.63
	For Steel Construction, Deduct	-10.16	
	For Lay-In Mount, Add	13.55	
	For Stainless Steel, Add	169.35	
23 37 13 00-0036	EA 21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	174.26	24.33
	For Steel Construction, Deduct	-12.64	
	For Lay-In Mount, Add	16.85	
	For Stainless Steel, Add	210.63	
23 37 13 00-0037	EA 24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	189.45	47.67
	For Steel Construction, Deduct	-14.10	
	For Lay-In Mount, Add	18.81	
	For Stainless Steel, Add	235.08	
23 37 13 00-0038	Round Ceiling Diffusers With Fixed Pattern (23 37 13 00-0016)		
	Note: Aluminum construction.		
23 37 13 00-0039	EA 6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	119.26	11.71
	For Steel Construction, Deduct	-21.88	
	For Stainless Steel, Add	182.30	
23 37 13 00-0040	EA 8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	123.00	11.71
	For Steel Construction, Deduct	-23.00	
	For Stainless Steel, Add	191.65	
23 37 13 00-0041	EA 10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	140.08	14.42
	For Steel Construction, Deduct	-25.24	
	For Stainless Steel, Add	210.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0042	EA		12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	149.42 -28.04 233.70	13.52
23 37 13 00-0043	EA		14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	208.85 -43.19 359.93	16.22
23 37 13 00-0044	EA		16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	219.97 -45.71 380.95	17.12
23 37 13 00-0045	EA		18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	231.31 -48.24 401.98	18.02
23 37 13 00-0046	EA		20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	264.85 -57.34 477.80	18.02
23 37 13 00-0047	EA		24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	313.78 -69.80 581.68	20.72
23 37 13 00-0048	EA		28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	351.28 -79.77 664.78	21.63
23 37 13 00-0049	EA		32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Stainless Steel, Add</i>	417.42 -96.60 805.00	24.33
23 37 13 00-0050 Round Ceiling Diffusers With Adjustable Pattern Dropped Style <small>(23 37 13 00-0016)</small>					
Note: Aluminum construction.					
23 37 13 00-0051	EA		6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	124.87 -7.85 -3.93 196.33	11.71
23 37 13 00-0052	EA		8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	134.53 -8.82 -4.41 220.48	11.71
23 37 13 00-0053	EA		10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	153.58 -9.76 -4.88 244.10	14.42
23 37 13 00-0054	EA		12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	164.38 -10.84 -5.42 271.10	14.42
23 37 13 00-0055	EA		14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	233.15 -16.83 -8.41 420.68	16.22
23 37 13 00-0056	EA		16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	186.56 -17.98 -8.99 449.50	17.12
23 37 13 00-0057	EA		18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	261.85 -19.13 -9.57 478.33	18.02
23 37 13 00-0058	EA		20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	301.21 -22.75 -11.37 568.70	18.92
23 37 13 00-0059	EA		24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	339.54 -25.84 -12.92 646.08	20.72
23 37 13 00-0060	EA		28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	407.37 -32.20 -16.10 805.00	21.63
23 37 13 00-0061	EA		32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Steel Construction, Deduct</i> <i>For Flush Mount, Deduct</i> <i>For Stainless Steel, Add</i>	488.26 -39.28 -19.64 982.10	24.33
23 37 13 00-0062	EA		36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction <i>For Stainless Steel, Add</i>	539.52 1,095.35	50.73
23 37 13 00-0063 Linear Type Ceiling Diffusers With 2-Way Air Deflection <small>(23 37 13 00-0016)</small>					
23 37 13 00-0064	LF		4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	101.24 117.95	13.52
23 37 13 00-0065	LF		6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	107.66 134.00	13.52
23 37 13 00-0066	LF		9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	115.55 153.73	13.52
23 37 13 00-0067	LF		12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection <i>For Stainless Steel, Add</i>	123.24 172.95	13.52
23 37 13 00-0068 Return/Exhaust Registers And Grilles <small>(23 37 13)</small>					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 00-0069	Return/Exhaust Registers With Frame (23 37 13 00-0068)		
	Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 00-0070	EA 8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	69.78	7.21
	For Steel Construction, Deduct	-8.36	
	For Grilles (No Damper), Deduct	-16.72	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	4.18	
	For Cube Core Lay In, Add	8.36	
	For Stainless Steel, Add	104.53	
23 37 13 00-0071	EA 8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	78.87	7.21
	For Steel Construction, Deduct	-10.18	
	For Grilles (No Damper), Deduct	-20.36	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	5.09	
	For Cube Core Lay In, Add	10.18	
	For Stainless Steel, Add	127.25	
23 37 13 00-0072	EA 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	88.79	8.11
	For Steel Construction, Deduct	-11.27	
	For Grilles (No Damper), Deduct	-22.54	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	5.64	
	For Cube Core Lay In, Add	11.27	
	For Stainless Steel, Add	140.88	
23 37 13 00-0073	EA 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	94.07	9.01
	For Steel Construction, Deduct	-11.27	
	For Grilles (No Damper), Deduct	-22.54	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	5.64	
	For Cube Core Lay In, Add	11.27	
	For Stainless Steel, Add	140.88	
23 37 13 00-0074	EA 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	90.43	9.01
	For Steel Construction, Deduct	-10.54	
	For Grilles (No Damper), Deduct	-21.08	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	5.27	
	For Cube Core Lay In, Add	10.54	
	For Stainless Steel, Add	131.78	
23 37 13 00-0075	EA 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	115.42	11.71
	For Steel Construction, Deduct	-13.82	
	For Grilles (No Damper), Deduct	-27.63	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	6.91	
	For Cube Core Lay In, Add	13.82	
	For Stainless Steel, Add	172.70	
23 37 13 00-0076	EA 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	138.41	13.52
	For Steel Construction, Deduct	-16.49	
	For Grilles (No Damper), Deduct	-32.99	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	8.25	
	For Cube Core Lay In, Add	16.49	
	For Stainless Steel, Add	206.18	
23 37 13 00-0077	EA 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	168.49	16.22
	For Steel Construction, Deduct	-20.72	
	For Grilles (No Damper), Deduct	-41.44	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	10.36	
	For Cube Core Lay In, Add	20.72	
	For Stainless Steel, Add	259.03	
23 37 13 00-0078	EA 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	195.99	18.02
	For Steel Construction, Deduct	-25.09	
	For Grilles (No Damper), Deduct	-50.19	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	12.55	
	For Cube Core Lay In, Add	25.09	
	For Stainless Steel, Add	313.68	
23 37 13 00-0079	EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	178.67	18.02
	For Steel Construction, Deduct	-20.99	
	For Grilles (No Damper), Deduct	-41.98	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	10.49	
	For Cube Core Lay In, Add	20.99	
	For Stainless Steel, Add	262.35	
23 37 13 00-0080	EA 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	200.97	18.02
	For Steel Construction, Deduct	-25.45	
	For Grilles (No Damper), Deduct	-50.90	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	12.72	
	For Cube Core Lay In, Add	25.45	
	For Stainless Steel, Add	318.10	
23 37 13 00-0081	EA 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	212.99	20.72
	For Steel Construction, Deduct	-26.38	
	For Grilles (No Damper), Deduct	-52.75	
	For Removable Core, Add	35.00	
	For Cube Core With Frame, Add	13.19	
	For Cube Core Lay In, Add	26.38	
	For Stainless Steel, Add	329.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0082	EA		30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	225.53	21.63
			<i>For Steel Construction, Deduct</i>	-28.03	
			<i>For Grilles (No Damper), Deduct</i>	-56.06	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	14.02	
			<i>For Cube Core Lay In, Add</i>	28.03	
			<i>For Stainless Steel, Add</i>	350.40	
23 37 13 00-0083	EA		30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	259.01	24.33
			<i>For Steel Construction, Deduct</i>	-32.72	
			<i>For Grilles (No Damper), Deduct</i>	-65.44	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	16.36	
			<i>For Cube Core Lay In, Add</i>	32.72	
			<i>For Stainless Steel, Add</i>	408.98	
23 37 13 00-0084	EA		30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	292.90	28.83
			<i>For Steel Construction, Deduct</i>	-35.41	
			<i>For Grilles (No Damper), Deduct</i>	-70.82	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	17.70	
			<i>For Cube Core Lay In, Add</i>	35.41	
			<i>For Stainless Steel, Add</i>	442.60	
23 37 13 00-0085	EA		30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	369.87	28.83
			<i>For Steel Construction, Deduct</i>	-50.80	
			<i>For Grilles (No Damper), Deduct</i>	-101.60	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	25.40	
			<i>For Cube Core Lay In, Add</i>	50.80	
			<i>For Stainless Steel, Add</i>	635.03	
23 37 13 00-0086	EA		36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	316.02	31.54
			<i>For Steel Construction, Deduct</i>	-38.25	
			<i>For Grilles (No Damper), Deduct</i>	-76.50	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	19.13	
			<i>For Cube Core Lay In, Add</i>	38.25	
			<i>For Stainless Steel, Add</i>	478.13	
23 37 13 00-0087	EA		36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	308.71	30.64
			<i>For Steel Construction, Deduct</i>	-36.79	
			<i>For Grilles (No Damper), Deduct</i>	-73.58	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	18.39	
			<i>For Cube Core Lay In, Add</i>	36.79	
			<i>For Stainless Steel, Add</i>	459.85	
23 37 13 00-0088	EA		36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	349.38	34.25
			<i>For Steel Construction, Deduct</i>	-42.84	
			<i>For Grilles (No Damper), Deduct</i>	-85.68	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	21.42	
			<i>For Cube Core Lay In, Add</i>	42.84	
			<i>For Stainless Steel, Add</i>	535.53	
23 37 13 00-0089	EA		36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	462.73	36.95
			<i>For Steel Construction, Deduct</i>	-63.05	
			<i>For Grilles (No Damper), Deduct</i>	-126.11	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	31.53	
			<i>For Cube Core Lay In, Add</i>	63.05	
			<i>For Stainless Steel, Add</i>	788.18	
23 37 13 00-0090	EA		24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	210.73	20.81
			<i>For Steel Construction, Deduct</i>	-25.51	
			<i>For Grilles (No Damper), Deduct</i>	-51.02	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	12.76	
			<i>For Cube Core Lay In, Add</i>	25.51	
			<i>For Stainless Steel, Add</i>	318.90	
23 37 13 00-0091	EA		32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	380.47	36.85
			<i>For Steel Construction, Deduct</i>	-46.60	
			<i>For Grilles (No Damper), Deduct</i>	-93.20	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	23.30	
			<i>For Cube Core Lay In, Add</i>	46.60	
			<i>For Stainless Steel, Add</i>	582.53	
23 37 13 00-0092	EA		48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	402.55	36.05
			<i>For Steel Construction, Deduct</i>	-53.48	
			<i>For Grilles (No Damper), Deduct</i>	-106.95	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core With Frame, Add</i>	26.74	
			<i>For Cube Core Lay In, Add</i>	53.48	
			<i>For Stainless Steel, Add</i>	668.45	
23 37 13 00-0093			Return/Exhaust Registers Removable-Reversible <small>(23 37 13 00-0086)</small>		
			Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 00-0094	EA		8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	65.05	7.21
			<i>For Steel Construction, Deduct</i>	-3.71	
			<i>For Flat Frame, Deduct</i>	-0.37	
			<i>For Grilles (No Damper), Deduct</i>	-7.42	
			<i>For Stainless Steel, Add</i>	92.70	
23 37 13 00-0095	EA		8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	65.05	7.21
			<i>For Steel Construction, Deduct</i>	-3.71	
			<i>For Flat Frame, Deduct</i>	-0.37	
			<i>For Grilles (No Damper), Deduct</i>	-7.42	
			<i>For Stainless Steel, Add</i>	92.70	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0096	EA		10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	79.34	8.11
			<i>For Steel Construction, Deduct</i>	-4.69	
			<i>For Flat Frame, Deduct</i>	-0.47	
			<i>For Grilles (No Damper), Deduct</i>	-9.38	
			<i>For Stainless Steel, Add</i>	117.25	
23 37 13 00-0097	EA		10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	91.16	9.91
			<i>For Steel Construction, Deduct</i>	-5.34	
			<i>For Flat Frame, Deduct</i>	-0.53	
			<i>For Grilles (No Damper), Deduct</i>	-10.69	
			<i>For Stainless Steel, Add</i>	133.60	
23 37 13 00-0098	EA		12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	90.07	9.01
			<i>For Steel Construction, Deduct</i>	-5.24	
			<i>For Flat Frame, Deduct</i>	-0.52	
			<i>For Grilles (No Damper), Deduct</i>	-10.47	
			<i>For Stainless Steel, Add</i>	130.88	
23 37 13 00-0099	EA		12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	116.14	11.71
			<i>For Steel Construction, Deduct</i>	-6.98	
			<i>For Flat Frame, Deduct</i>	-0.70	
			<i>For Grilles (No Damper), Deduct</i>	-13.96	
			<i>For Stainless Steel, Add</i>	174.50	
23 37 13 00-0100	EA		16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	182.09	14.42
			<i>For Steel Construction, Deduct</i>	-12.62	
			<i>For Flat Frame, Deduct</i>	-1.26	
			<i>For Grilles (No Damper), Deduct</i>	-25.23	
			<i>For Stainless Steel, Add</i>	315.38	
23 37 13 00-0101	EA		18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	218.66	16.22
			<i>For Steel Construction, Deduct</i>	-15.38	
			<i>For Flat Frame, Deduct</i>	-1.54	
			<i>For Grilles (No Damper), Deduct</i>	-30.76	
			<i>For Stainless Steel, Add</i>	384.45	
23 37 13 00-0102	EA		20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	246.12	18.02
			<i>For Steel Construction, Deduct</i>	-17.56	
			<i>For Flat Frame, Deduct</i>	-1.76	
			<i>For Grilles (No Damper), Deduct</i>	-35.12	
			<i>For Stainless Steel, Add</i>	439.00	
23 37 13 00-0103	EA		24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	208.97	18.02
			<i>For Steel Construction, Deduct</i>	-13.52	
			<i>For Flat Frame, Deduct</i>	-1.35	
			<i>For Grilles (No Damper), Deduct</i>	-27.05	
			<i>For Stainless Steel, Add</i>	338.10	
23 37 13 00-0104	EA		24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	274.41	18.92
			<i>For Steel Construction, Deduct</i>	-20.07	
			<i>For Flat Frame, Deduct</i>	-2.01	
			<i>For Grilles (No Damper), Deduct</i>	-40.14	
			<i>For Stainless Steel, Add</i>	501.70	
23 37 13 00-0105	EA		24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	318.87	20.72
			<i>For Steel Construction, Deduct</i>	-23.78	
			<i>For Flat Frame, Deduct</i>	-2.38	
			<i>For Grilles (No Damper), Deduct</i>	-47.55	
			<i>For Stainless Steel, Add</i>	594.40	
23 37 13 00-0106	EA		30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	251.15	21.63
			<i>For Steel Construction, Deduct</i>	-16.58	
			<i>For Flat Frame, Deduct</i>	-1.66	
			<i>For Grilles (No Damper), Deduct</i>	-33.16	
			<i>For Stainless Steel, Add</i>	414.45	
23 37 13 00-0107	EA		30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	339.73	24.33
			<i>For Steel Construction, Deduct</i>	-24.43	
			<i>For Flat Frame, Deduct</i>	-2.44	
			<i>For Grilles (No Damper), Deduct</i>	-48.86	
			<i>For Stainless Steel, Add</i>	610.78	
23 37 13 00-0108	EA		30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	409.25	28.83
			<i>For Steel Construction, Deduct</i>	-29.34	
			<i>For Flat Frame, Deduct</i>	-2.93	
			<i>For Grilles (No Damper), Deduct</i>	-58.68	
			<i>For Stainless Steel, Add</i>	733.48	
23 37 13 00-0109	EA		30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	464.32	28.83
			<i>For Steel Construction, Deduct</i>	-34.85	
			<i>For Flat Frame, Deduct</i>	-3.48	
			<i>For Grilles (No Damper), Deduct</i>	-69.69	
			<i>For Stainless Steel, Add</i>	871.15	
23 37 13 00-0110	EA		36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	328.72	30.64
			<i>For Steel Construction, Deduct</i>	-20.40	
			<i>For Flat Frame, Deduct</i>	-2.04	
			<i>For Grilles (No Damper), Deduct</i>	-40.79	
			<i>For Stainless Steel, Add</i>	509.88	
23 37 13 00-0111	EA		36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	433.43	30.64
			<i>For Steel Construction, Deduct</i>	-30.87	
			<i>For Flat Frame, Deduct</i>	-3.09	
			<i>For Grilles (No Damper), Deduct</i>	-61.73	
			<i>For Stainless Steel, Add</i>	771.65	
23 37 13 00-0112	EA		36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	499.45	34.25
			<i>For Steel Construction, Deduct</i>	-36.43	
			<i>For Flat Frame, Deduct</i>	-3.64	
			<i>For Grilles (No Damper), Deduct</i>	-72.86	
			<i>For Stainless Steel, Add</i>	910.70	
23 37 13 00-0113	EA		36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	581.00	36.95
			<i>For Steel Construction, Deduct</i>	-43.35	
			<i>For Flat Frame, Deduct</i>	-4.34	
			<i>For Grilles (No Damper), Deduct</i>	-86.71	
			<i>For Stainless Steel, Add</i>	1,083.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0114	EA		36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	611.53	36.95
			<i>For Steel Construction, Deduct</i>	-46.41	
			<i>For Flat Frame, Deduct</i>	-4.64	
			<i>For Grilles (No Damper), Deduct</i>	-92.81	
			<i>For Stainless Steel, Add</i>	1,160.18	
23 37 13 00-0115			Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles (23 37 13 00-0068)		
23 37 13 00-0116	EA		6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	38.13	8.80
23 37 13 00-0117	EA		8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	38.13	8.80
23 37 13 00-0118	EA		8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	40.76	8.80
23 37 13 00-0119	EA		8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	41.81	8.80
23 37 13 00-0120	EA		10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	40.76	8.80
23 37 13 00-0121	EA		10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	41.81	8.80
23 37 13 00-0122	EA		10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	51.15	11.54
23 37 13 00-0123	EA		10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	52.20	11.54
23 37 13 00-0124	EA		12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	50.10	11.54
23 37 13 00-0125	EA		12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	52.20	11.54
23 37 13 00-0126	EA		12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	53.25	11.54
23 37 13 00-0127	EA		12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	54.31	11.54
23 37 13 00-0128	EA		14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	52.73	11.54
23 37 13 00-0129	EA		14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	54.83	11.54
23 37 13 00-0130	EA		14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	55.88	11.54
23 37 13 00-0131	EA		14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	60.62	11.54
23 37 13 00-0132	EA		16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	54.83	11.54
23 37 13 00-0133	EA		16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	58.51	11.54
23 37 13 00-0134	EA		16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	60.62	11.54
23 37 13 00-0135	EA		16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	79.84	17.01
23 37 13 00-0136	EA		16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	80.89	17.01
23 37 13 00-0137	EA		18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	78.78	17.01
23 37 13 00-0138	EA		18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.51	19.75
23 37 13 00-0139	EA		20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	77.73	17.01
23 37 13 00-0140	EA		20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	100.77	19.75
23 37 13 00-0141	EA		22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	53.78	11.54
23 37 13 00-0142	EA		22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	78.78	17.01
23 37 13 00-0143	EA		22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	113.27	22.49
23 37 13 00-0144	EA		24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	77.73	17.01
23 37 13 00-0145	EA		24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	79.84	17.01
23 37 13 00-0146	EA		24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	92.35	19.75
			<i>For Lay-In Installation, Deduct</i>	-41.70	
23 37 13 00-0147	EA		24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.51	19.75
23 37 13 00-0148	EA		24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	106.96	22.49
23 37 13 00-0149	EA		24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	110.12	22.49
23 37 13 00-0150	EA		24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	113.80	22.49
23 37 13 00-0151	EA		24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	120.63	22.49
			<i>For Lay-In Installation, Deduct</i>	-47.76	
23 37 13 00-0152	EA		30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	93.93	19.75
23 37 13 00-0153	EA		48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	145.67	24.65
23 37 13 00-0154	EA		48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	238.52	30.12
			<i>For Lay-In Installation, Deduct</i>	-68.73	
23 37 13 00-0155			Supply Registers and Grilles (23 37 13)		
23 37 13 00-0156			Adjustable Curved Blade Register (23 37 13 00-0155)		
			Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 00-0157	EA		6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	59.70	7.21
			<i>For Steel Construction, Deduct</i>	-4.77	
			<i>For Lay In Frame, Deduct</i>	-7.95	
			<i>For Three Way Pattern, Deduct</i>	-3.18	
			<i>For Two Way Pattern, Deduct</i>	-2.54	
			<i>For One Way Pattern, Deduct</i>	-2.54	
			<i>For Grille (No Damper), Deduct</i>	-4.77	
			<i>For Stainless Steel, Add</i>	79.45	
23 37 13 00-0158	EA		8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	61.57	7.21
			<i>For Steel Construction, Deduct</i>	-5.05	
			<i>For Lay In Frame, Deduct</i>	-8.41	
			<i>For Three Way Pattern, Deduct</i>	-3.37	
			<i>For Two Way Pattern, Deduct</i>	-2.69	
			<i>For One Way Pattern, Deduct</i>	-2.69	
			<i>For Grille (No Damper), Deduct</i>	-5.05	
			<i>For Stainless Steel, Add</i>	84.13	
23 37 13 00-0159	EA		12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	69.59	9.91
			<i>For Steel Construction, Deduct</i>	-4.77	
			<i>For Lay In Frame, Deduct</i>	-7.95	
			<i>For Three Way Pattern, Deduct</i>	-3.18	
			<i>For Two Way Pattern, Deduct</i>	-2.54	
			<i>For One Way Pattern, Deduct</i>	-2.54	
			<i>For Grille (No Damper), Deduct</i>	-4.77	
			<i>For Stainless Steel, Add</i>	79.45	
23 37 13 00-0160	EA		10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	76.45	9.01
			<i>For Steel Construction, Deduct</i>	-5.80	
			<i>For Lay In Frame, Deduct</i>	-9.66	
			<i>For Three Way Pattern, Deduct</i>	-3.86	
			<i>For Two Way Pattern, Deduct</i>	-3.09	
			<i>For One Way Pattern, Deduct</i>	-3.09	
			<i>For Grille (No Damper), Deduct</i>	-5.80	
			<i>For Stainless Steel, Add</i>	96.60	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 00-0161	EA 12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	92.07	11.71
	<i>For Steel Construction, Deduct</i>	-6.92	
	<i>For Lay In Frame, Deduct</i>	-11.53	
	<i>For Three Way Pattern, Deduct</i>	-4.61	
	<i>For Two Way Pattern, Deduct</i>	-3.69	
	<i>For One Way Pattern, Deduct</i>	-3.69	
	<i>For Grille (No Damper), Deduct</i>	-6.92	
	<i>For Stainless Steel, Add</i>	115.30	
23 37 13 00-0162	EA 14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	113.28	13.52
	<i>For Steel Construction, Deduct</i>	-8.60	
	<i>For Lay In Frame, Deduct</i>	-14.34	
	<i>For Three Way Pattern, Deduct</i>	-5.73	
	<i>For Two Way Pattern, Deduct</i>	-4.59	
	<i>For One Way Pattern, Deduct</i>	-4.59	
	<i>For Grille (No Damper), Deduct</i>	-8.60	
	<i>For Stainless Steel, Add</i>	143.35	
23 37 13 00-0163	EA 16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	113.28	13.52
	<i>For Steel Construction, Deduct</i>	-8.60	
	<i>For Lay In Frame, Deduct</i>	-14.34	
	<i>For Three Way Pattern, Deduct</i>	-5.73	
	<i>For Two Way Pattern, Deduct</i>	-4.59	
	<i>For One Way Pattern, Deduct</i>	-4.59	
	<i>For Grille (No Damper), Deduct</i>	-8.60	
	<i>For Stainless Steel, Add</i>	143.35	
23 37 13 00-0164	EA 18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	140.02	18.02
	<i>For Steel Construction, Deduct</i>	-10.47	
	<i>For Lay In Frame, Deduct</i>	-17.45	
	<i>For Three Way Pattern, Deduct</i>	-6.98	
	<i>For Two Way Pattern, Deduct</i>	-5.58	
	<i>For One Way Pattern, Deduct</i>	-5.58	
	<i>For Grille (No Damper), Deduct</i>	-10.47	
	<i>For Stainless Steel, Add</i>	174.50	
23 37 13 00-0165	EA 24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	179.06	18.92
	<i>For Steel Construction, Deduct</i>	-15.80	
	<i>For Lay In Frame, Deduct</i>	-26.33	
	<i>For Three Way Pattern, Deduct</i>	-10.53	
	<i>For Two Way Pattern, Deduct</i>	-8.43	
	<i>For One Way Pattern, Deduct</i>	-8.43	
	<i>For Grille (No Damper), Deduct</i>	-15.80	
	<i>For Stainless Steel, Add</i>	263.33	
23 37 13 00-0166	EA 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	278.67	38.20
	<i>For Steel Construction, Deduct</i>	-30.34	
	<i>For Lay In Frame, Deduct</i>	-50.56	
	<i>For Three Way Pattern, Deduct</i>	-20.22	
	<i>For Two Way Pattern, Deduct</i>	-16.18	
	<i>For One Way Pattern, Deduct</i>	-16.18	
	<i>For Grille (No Damper), Deduct</i>	-30.34	
	<i>For Stainless Steel, Add</i>	505.60	
23 37 13 00-0167	Removable-Reversible Core Registers <small>(23 37 13 00-0155)</small>		
	Note: Double deflection radiused frame aluminum construction.		
23 37 13 00-0168	EA 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	67.81	7.21
	<i>For Steel Construction, Deduct</i>	-3.99	
	<i>For Flat Frame, Deduct</i>	-3.99	
	<i>For Grille (No Damper), Deduct</i>	-11.97	
	<i>For Stainless Steel, Add</i>	99.73	
23 37 13 00-0169	EA 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	84.01	7.21
	<i>For Steel Construction, Deduct</i>	-5.61	
	<i>For Flat Frame, Deduct</i>	-5.61	
	<i>For Grille (No Damper), Deduct</i>	-16.83	
	<i>For Stainless Steel, Add</i>	140.23	
23 37 13 00-0170	EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	107.61	9.91
	<i>For Steel Construction, Deduct</i>	-6.98	
	<i>For Flat Frame, Deduct</i>	-6.98	
	<i>For Grille (No Damper), Deduct</i>	-20.94	
	<i>For Stainless Steel, Add</i>	174.50	
23 37 13 00-0171	EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	108.86	9.91
	<i>For Steel Construction, Deduct</i>	-7.11	
	<i>For Flat Frame, Deduct</i>	-7.11	
	<i>For Grille (No Damper), Deduct</i>	-21.32	
	<i>For Stainless Steel, Add</i>	177.63	
23 37 13 00-0172	EA 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	138.19	11.71
	<i>For Steel Construction, Deduct</i>	-9.22	
	<i>For Flat Frame, Deduct</i>	-9.22	
	<i>For Grille (No Damper), Deduct</i>	-27.67	
	<i>For Stainless Steel, Add</i>	230.60	
23 37 13 00-0173	EA 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	194.30	14.42
	<i>For Steel Construction, Deduct</i>	-13.84	
	<i>For Flat Frame, Deduct</i>	-13.84	
	<i>For Grille (No Damper), Deduct</i>	-41.51	
	<i>For Stainless Steel, Add</i>	345.90	
23 37 13 00-0174	EA 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	216.73	13.52
	<i>For Steel Construction, Deduct</i>	-16.08	
	<i>For Flat Frame, Deduct</i>	-16.08	
	<i>For Grille (No Damper), Deduct</i>	-48.24	
	<i>For Stainless Steel, Add</i>	401.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0175	EA		18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	262.18	18.02
			<i>For Steel Construction, Deduct</i>	-19.20	
			<i>For Flat Frame, Deduct</i>	-19.20	
			<i>For Grille (No Damper), Deduct</i>	-57.59	
			<i>For Stainless Steel, Add</i>	479.90	
23 37 13 00-0176	EA		24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	326.76	18.02
			<i>For Steel Construction, Deduct</i>	-25.30	
			<i>For Flat Frame, Deduct</i>	-25.30	
			<i>For Grille (No Damper), Deduct</i>	-75.91	
			<i>For Stainless Steel, Add</i>	632.58	
23 37 13 00-0177 Adjustable Shutter Blade Registers (23 37 13 00-0155)					
Note: Double deflection flat frame aluminum construction.					
23 37 13 00-0178	EA		6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	100.63	7.21
			<i>For Steel Construction, Deduct</i>	-7.27	
			<i>For Single Deflection, Deduct</i>	-14.54	
			<i>For Grille (No Damper), Deduct</i>	-10.91	
			<i>For Stainless Steel, Add</i>	181.78	
23 37 13 00-0179	EA		8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	115.17	7.21
			<i>For Steel Construction, Deduct</i>	-8.73	
			<i>For Single Deflection, Deduct</i>	-17.45	
			<i>For Grille (No Damper), Deduct</i>	-13.09	
			<i>For Stainless Steel, Add</i>	218.13	
23 37 13 00-0180	EA		12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	125.06	9.91
			<i>For Steel Construction, Deduct</i>	-8.73	
			<i>For Single Deflection, Deduct</i>	-17.45	
			<i>For Grille (No Damper), Deduct</i>	-13.09	
			<i>For Stainless Steel, Add</i>	218.13	
23 37 13 00-0181	EA		10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	129.22	9.01
			<i>For Steel Construction, Deduct</i>	-9.14	
			<i>For Single Deflection, Deduct</i>	-18.28	
			<i>For Grille (No Damper), Deduct</i>	-13.71	
			<i>For Stainless Steel, Add</i>	228.53	
23 37 13 00-0182	EA		12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	158.13	11.71
			<i>For Steel Construction, Deduct</i>	-11.22	
			<i>For Single Deflection, Deduct</i>	-22.44	
			<i>For Grille (No Damper), Deduct</i>	-16.83	
			<i>For Stainless Steel, Add</i>	280.45	
23 37 13 00-0183	EA		14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	209.67	13.52
			<i>For Steel Construction, Deduct</i>	-15.37	
			<i>For Single Deflection, Deduct</i>	-30.75	
			<i>For Grille (No Damper), Deduct</i>	-23.06	
			<i>For Stainless Steel, Add</i>	384.33	
23 37 13 00-0184	EA		16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	244.99	14.42
			<i>For Steel Construction, Deduct</i>	-18.91	
			<i>For Single Deflection, Deduct</i>	-37.81	
			<i>For Grille (No Damper), Deduct</i>	-28.36	
			<i>For Stainless Steel, Add</i>	472.63	
23 37 13 00-0185	EA		18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	302.89	18.02
			<i>For Steel Construction, Deduct</i>	-23.27	
			<i>For Single Deflection, Deduct</i>	-46.53	
			<i>For Grille (No Damper), Deduct</i>	-34.90	
			<i>For Stainless Steel, Add</i>	581.68	
23 37 13 00-0186	EA		24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	412.35	18.92
			<i>For Steel Construction, Deduct</i>	-33.86	
			<i>For Single Deflection, Deduct</i>	-67.72	
			<i>For Grille (No Damper), Deduct</i>	-50.79	
			<i>For Stainless Steel, Add</i>	846.55	
23 37 13 00-0187 Air Conditioning And Ventilation (23 37 13 00-0155)					
23 37 13 00-0188	EA		10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	51.17	18.92
			<i>For Stainless Steel, Add</i>	33.40	
23 37 13 00-0189	EA		18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	83.04	28.16
			<i>For Stainless Steel, Add</i>	66.80	
23 37 13 00-0190	EA		30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	123.38	39.42
			<i>For Stainless Steel, Add</i>	111.33	
23 37 13 00-0191	EA		48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	255.09	54.06
			<i>For Stainless Steel, Add</i>	367.38	
23 37 13 00-0192 Security Supply Or Return Grille (23 37 13 00-0155)					
Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.					
23 37 13 00-0193	EA		8" x 4" Steel Security Grille	145.32	13.52
			<i>For Anchoring Tabs, Add</i>	11.83	
			<i>For Angle Iron Frame, Add</i>	20.45	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	44.10	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	29.57	
			<i>For Stainless Steel, Add</i>	153.76	
23 37 13 00-0194	EA		8" x 6" Steel Security Grille	160.56	13.97
			<i>For Anchoring Tabs, Add</i>	13.26	
			<i>For Angle Iron Frame, Add</i>	22.69	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	49.21	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	33.16	
			<i>For Stainless Steel, Add</i>	172.41	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37	13 00-0195	EA	8" x 8" Steel Security Grille	183.87	15.78
			For Anchoring Tabs, Add	15.23	
			For Angle Iron Frame, Add	26.00	
			For Rear Operated Opposed Blade Damper, Add	56.47	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	38.08	
			For Stainless Steel, Add	198.03	
23 37	13 00-0196	EA	10" x 4" Steel Security Grille	161.47	15.32
			For Anchoring Tabs, Add	13.08	
			For Angle Iron Frame, Add	22.69	
			For Rear Operated Opposed Blade Damper, Add	48.85	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	32.71	
			For Stainless Steel, Add	170.07	
23 37	13 00-0197	EA	10" x 6" Steel Security Grille	172.24	16.23
			For Anchoring Tabs, Add	13.98	
			For Angle Iron Frame, Add	24.21	
			For Rear Operated Opposed Blade Damper, Add	52.17	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	34.95	
			For Stainless Steel, Add	181.73	
23 37	13 00-0198	EA	10" x 8" Steel Security Grille	196.44	17.58
			For Anchoring Tabs, Add	16.13	
			For Angle Iron Frame, Add	27.71	
			For Rear Operated Opposed Blade Damper, Add	59.97	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	40.32	
			For Stainless Steel, Add	209.68	
23 37	13 00-0199	EA	10" x 10" Steel Security Grille	218.85	18.93
			For Anchoring Tabs, Add	18.10	
			For Angle Iron Frame, Add	30.94	
			For Rear Operated Opposed Blade Damper, Add	67.14	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	45.25	
			For Stainless Steel, Add	235.30	
23 37	13 00-0200	EA	12" x 4" Steel Security Grille	170.45	17.12
			For Anchoring Tabs, Add	13.62	
			For Angle Iron Frame, Add	23.86	
			For Rear Operated Opposed Blade Damper, Add	51.10	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	34.05	
			For Stainless Steel, Add	177.06	
23 37	13 00-0201	EA	12" x 6" Steel Security Grille	190.18	18.93
			For Anchoring Tabs, Add	15.23	
			For Angle Iron Frame, Add	26.63	
			For Rear Operated Opposed Blade Damper, Add	57.10	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	38.08	
			For Stainless Steel, Add	198.03	
23 37	13 00-0202	EA	12" x 8" Steel Security Grille	216.19	20.28
			For Anchoring Tabs, Add	17.56	
			For Angle Iron Frame, Add	30.40	
			For Rear Operated Opposed Blade Damper, Add	65.53	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	43.91	
			For Stainless Steel, Add	228.32	
23 37	13 00-0203	EA	12" x 10" Steel Security Grille	235.02	21.63
			For Anchoring Tabs, Add	19.18	
			For Angle Iron Frame, Add	33.09	
			For Rear Operated Opposed Blade Damper, Add	71.44	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	47.94	
			For Stainless Steel, Add	249.29	
23 37	13 00-0204	EA	12" x 12" Steel Security Grille	259.23	22.98
			For Anchoring Tabs, Add	21.33	
			For Angle Iron Frame, Add	36.59	
			For Rear Operated Opposed Blade Damper, Add	79.24	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	53.32	
			For Stainless Steel, Add	277.24	
23 37	13 00-0205	EA	14" x 4" Steel Security Grille	182.11	18.47
			For Anchoring Tabs, Add	14.52	
			For Angle Iron Frame, Add	25.47	
			For Rear Operated Opposed Blade Damper, Add	54.50	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	36.29	
			For Stainless Steel, Add	188.71	
23 37	13 00-0206	EA	14" x 6" Steel Security Grille	204.53	19.83
			For Anchoring Tabs, Add	16.49	
			For Angle Iron Frame, Add	28.70	
			For Rear Operated Opposed Blade Damper, Add	61.67	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	41.22	
			For Stainless Steel, Add	214.33	
23 37	13 00-0207	EA	14" x 8" Steel Security Grille	227.85	21.63
			For Anchoring Tabs, Add	18.46	
			For Angle Iron Frame, Add	32.01	
			For Rear Operated Opposed Blade Damper, Add	68.93	
			For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
			For 1" x 1" Square Holes On Face, Add	46.15	
			For Stainless Steel, Add	239.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0208	EA		14" x 10" Steel Security Grille.....	256.55	23.43
			<i>For Anchoring Tabs, Add</i>	20.97	
			<i>For Angle Iron Frame, Add</i>	36.14	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	78.08	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	52.42	
			<i>For Stainless Steel, Add</i>	272.58	
23 37 13 00-0209	EA		14" x 12" Steel Security Grille.....	282.55	25.69
			<i>For Anchoring Tabs, Add</i>	23.12	
			<i>For Angle Iron Frame, Add</i>	39.81	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	86.05	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	57.80	
			<i>For Stainless Steel, Add</i>	300.53	
23 37 13 00-0210	EA		14" x 14" Steel Security Grille.....	304.07	27.49
			<i>For Anchoring Tabs, Add</i>	24.91	
			<i>For Angle Iron Frame, Add</i>	42.86	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	92.68	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	62.28	
			<i>For Stainless Steel, Add</i>	323.83	
23 37 13 00-0211	EA		16" x 6" Steel Security Grille.....	218.89	21.63
			<i>For Anchoring Tabs, Add</i>	17.56	
			<i>For Angle Iron Frame, Add</i>	30.67	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	65.80	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	43.91	
			<i>For Stainless Steel, Add</i>	228.32	
23 37 13 00-0212	EA		16" x 8" Steel Security Grille.....	249.38	23.43
			<i>For Anchoring Tabs, Add</i>	20.25	
			<i>For Angle Iron Frame, Add</i>	35.06	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	75.57	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	50.63	
			<i>For Stainless Steel, Add</i>	263.26	
23 37 13 00-0213	EA		16" x 10" Steel Security Grille.....	269.11	25.23
			<i>For Anchoring Tabs, Add</i>	21.86	
			<i>For Angle Iron Frame, Add</i>	37.84	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	81.57	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	54.66	
			<i>For Stainless Steel, Add</i>	284.23	
23 37 13 00-0214	EA		16" x 12" Steel Security Grille.....	302.27	26.59
			<i>For Anchoring Tabs, Add</i>	24.91	
			<i>For Angle Iron Frame, Add</i>	42.68	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	92.50	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	62.28	
			<i>For Stainless Steel, Add</i>	323.83	
23 37 13 00-0215	EA		16" x 14" Steel Security Grille.....	320.22	28.39
			<i>For Anchoring Tabs, Add</i>	26.34	
			<i>For Angle Iron Frame, Add</i>	45.19	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	97.88	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	65.86	
			<i>For Stainless Steel, Add</i>	342.47	
23 37 13 00-0216	EA		16" x 16" Steel Security Grille.....	347.13	30.19
			<i>For Anchoring Tabs, Add</i>	28.67	
			<i>For Angle Iron Frame, Add</i>	49.05	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	106.40	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	71.69	
			<i>For Stainless Steel, Add</i>	372.76	
23 37 13 00-0217	EA		18" x 6" Steel Security Grille.....	233.26	24.34
			<i>For Anchoring Tabs, Add</i>	18.46	
			<i>For Angle Iron Frame, Add</i>	32.56	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	69.47	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	46.15	
			<i>For Stainless Steel, Add</i>	239.97	
23 37 13 00-0218	EA		18" x 8" Steel Security Grille.....	265.54	26.14
			<i>For Anchoring Tabs, Add</i>	21.33	
			<i>For Angle Iron Frame, Add</i>	37.22	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	79.87	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	53.32	
			<i>For Stainless Steel, Add</i>	277.24	
23 37 13 00-0219	EA		18" x 10" Steel Security Grille.....	290.65	27.94
			<i>For Anchoring Tabs, Add</i>	23.48	
			<i>For Angle Iron Frame, Add</i>	40.80	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	87.76	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	58.69	
			<i>For Stainless Steel, Add</i>	305.20	
23 37 13 00-0220	EA		18" x 12" Steel Security Grille.....	319.34	29.74
			<i>For Anchoring Tabs, Add</i>	25.99	
			<i>For Angle Iron Frame, Add</i>	44.93	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	96.90	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	64.97	
			<i>For Stainless Steel, Add</i>	337.82	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 37 Air Outlets And Inlets



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37	13 00-0221	EA	18" x 14" Steel Security Grille	339.95	29.30
			<i>For Anchoring Tabs, Add</i>	28.14	
			<i>For Angle Iron Frame, Add</i>	48.06	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	104.34	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	70.34	
			<i>For Stainless Steel, Add</i>	365.77	
23 37	13 00-0222	EA	18" x 16" Steel Security Grille	371.33	30.65
			<i>For Anchoring Tabs, Add</i>	31.00	
			<i>For Angle Iron Frame, Add</i>	52.64	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	114.64	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	77.51	
			<i>For Stainless Steel, Add</i>	403.05	
23 37	13 00-0223	EA	18" x 18" Steel Security Grille	397.32	31.99
			<i>For Anchoring Tabs, Add</i>	33.33	
			<i>For Angle Iron Frame, Add</i>	56.40	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	123.06	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	83.33	
			<i>For Stainless Steel, Add</i>	433.33	
23 37	13 00-0224	EA	20" x 6" Steel Security Grille	250.30	26.59
			<i>For Anchoring Tabs, Add</i>	19.71	
			<i>For Angle Iron Frame, Add</i>	34.89	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	74.31	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	49.28	
			<i>For Stainless Steel, Add</i>	256.27	
23 37	13 00-0225	EA	20" x 8" Steel Security Grille	282.60	29.30
			<i>For Anchoring Tabs, Add</i>	22.40	
			<i>For Angle Iron Frame, Add</i>	39.46	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	84.26	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	56.00	
			<i>For Stainless Steel, Add</i>	291.21	
23 37	13 00-0226	EA	20" x 10" Steel Security Grille	310.39	30.65
			<i>For Anchoring Tabs, Add</i>	24.91	
			<i>For Angle Iron Frame, Add</i>	43.49	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	93.31	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	62.28	
			<i>For Stainless Steel, Add</i>	323.83	
23 37	13 00-0227	EA	20" x 12" Steel Security Grille	340.88	32.45
			<i>For Anchoring Tabs, Add</i>	27.60	
			<i>For Angle Iron Frame, Add</i>	47.89	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	103.09	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	69.00	
			<i>For Stainless Steel, Add</i>	358.79	
23 37	13 00-0228	EA	20" x 14" Steel Security Grille	374.04	33.80
			<i>For Anchoring Tabs, Add</i>	30.65	
			<i>For Angle Iron Frame, Add</i>	52.73	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	114.02	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	76.61	
			<i>For Stainless Steel, Add</i>	398.39	
23 37	13 00-0229	EA	20" x 16" Steel Security Grille	403.63	35.15
			<i>For Anchoring Tabs, Add</i>	33.33	
			<i>For Angle Iron Frame, Add</i>	57.03	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	123.70	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	83.33	
			<i>For Stainless Steel, Add</i>	433.33	
23 37	13 00-0230	EA	20" x 18" Steel Security Grille	431.42	36.50
			<i>For Anchoring Tabs, Add</i>	35.84	
			<i>For Angle Iron Frame, Add</i>	61.06	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	132.75	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	89.61	
			<i>For Stainless Steel, Add</i>	465.95	
23 37	13 00-0231	EA	20" x 20" Steel Security Grille	464.60	37.86
			<i>For Anchoring Tabs, Add</i>	38.89	
			<i>For Angle Iron Frame, Add</i>	65.90	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	143.68	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	97.22	
			<i>For Stainless Steel, Add</i>	505.56	
23 37	13 00-0232	EA	24" x 6" Steel Security Grille	278.12	29.74
			<i>For Anchoring Tabs, Add</i>	21.86	
			<i>For Angle Iron Frame, Add</i>	38.74	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	82.47	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	54.66	
			<i>For Stainless Steel, Add</i>	284.23	
23 37	13 00-0233	EA	24" x 8" Steel Security Grille	313.98	32.45
			<i>For Anchoring Tabs, Add</i>	24.91	
			<i>For Angle Iron Frame, Add</i>	43.85	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	93.67	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	62.28	
			<i>For Stainless Steel, Add</i>	323.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 00-0234	EA		24" x 10" Steel Security Grille.....	342.68	33.35
			<i>For Anchoring Tabs, Add</i>	27.60	
			<i>For Angle Iron Frame, Add</i>	48.07	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	103.27	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	69.00	
			<i>For Stainless Steel, Add</i>	358.79	
23 37 13 00-0235	EA		24" x 12" Steel Security Grille.....	383.94	36.95
			<i>For Anchoring Tabs, Add</i>	31.00	
			<i>For Angle Iron Frame, Add</i>	53.90	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	115.90	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	77.51	
			<i>For Stainless Steel, Add</i>	403.05	
23 37 13 00-0236	EA		24" x 14" Steel Security Grille.....	413.53	38.30
			<i>For Anchoring Tabs, Add</i>	33.69	
			<i>For Angle Iron Frame, Add</i>	58.20	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	125.58	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	84.23	
			<i>For Stainless Steel, Add</i>	438.00	
23 37 13 00-0237	EA		24" x 16" Steel Security Grille.....	450.27	39.66
			<i>For Anchoring Tabs, Add</i>	37.10	
			<i>For Angle Iron Frame, Add</i>	63.58	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	137.77	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	92.74	
			<i>For Stainless Steel, Add</i>	482.26	
23 37 13 00-0238	EA		24" x 18" Steel Security Grille.....	492.40	41.01
			<i>For Anchoring Tabs, Add</i>	41.04	
			<i>For Angle Iron Frame, Add</i>	69.76	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	151.84	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	102.60	
			<i>For Stainless Steel, Add</i>	533.51	
23 37 13 00-0239	EA		24" x 20" Steel Security Grille.....	521.99	42.36
			<i>For Anchoring Tabs, Add</i>	43.73	
			<i>For Angle Iron Frame, Add</i>	74.06	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	161.52	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	109.32	
			<i>For Stainless Steel, Add</i>	568.46	
23 37 13 00-0240	EA		24" x 24" Steel Security Grille.....	584.73	45.06
			<i>For Anchoring Tabs, Add</i>	49.46	
			<i>For Angle Iron Frame, Add</i>	83.20	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	182.13	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	123.66	
			<i>For Stainless Steel, Add</i>	643.01	
23 37 13 00-0241			Square Wall Return Air And Exhaust Grilles (23 37 13 00-0155)		
			Note: Egg crate design aluminum construction.		
23 37 13 00-0242	EA		8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	53.09	22.54
23 37 13 00-0243	EA		12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	55.56	22.54
23 37 13 00-0244	EA		18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	83.04	33.80
23 37 13 00-0245	EA		24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	95.39	33.80
23 37 13 00-0246	EA		28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	145.71	45.06
23 37 13 00-0247	EA		36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction.....	220.36	45.06
23 37 13 00-0248			Rectangular Four-Way Adjustable Deflection Wall Supply Grilles (23 37 13 00-0155)		
			Note: Aluminum construction.		
23 37 13 00-0249	EA		12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction.....	150.73	16.23
23 37 13 00-0250	EA		14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction.....	169.43	16.23
23 37 13 00-0251	EA		18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction.....	202.99	18.03
23 37 13 00-0252	EA		24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction.....	236.20	18.03
23 37 13 00-0253	EA		36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction.....	309.27	56.33
23 37 13 00-0254			Square Ceiling Return Air And Exhaust Grilles (23 37 13 00-0155)		
			Note: Egg crate design, plastic construction.		
23 37 13 00-0255	EA		24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction.....	31.58	10.79
23 37 13 00-0256	EA		24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction.....	44.09	10.87
23 37 13 00-0257			Door Grilles Sight Proof Inverted Vee Cross Section (23 37 13 00-0155)		
			Note: Painted steel louvers and frame.		
23 37 13 00-0258	EA		12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel.....	85.91	16.23
23 37 13 00-0259	EA		12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel.....	111.26	16.23
23 37 13 00-0260	EA		18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel.....	134.11	17.12
23 37 13 00-0261	EA		24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel.....	177.74	20.46
23 37 13 00-0262	EA		24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel.....	198.69	37.59
23 37 13 00-0263			Stainless Steel Devices (23 37 13 00-0155)		
23 37 13 00-0264			304 Stainless Steel, Louvered Partition/Door Grilles (23 37 13 00-0263)		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets And Inlets**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 00-0265	SF Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille..... <i>For 316 Stainless Steel, Add</i>	163.02 27.92	14.07
23 37 13 00-0266	SF >4 SF, 304 Stainless Steel, Louvered Partition/Door Grille..... <i>For 316 Stainless Steel, Add</i>	137.55 22.82	14.07
23 37 13 00-0267	304 Stainless Steel, Single Deflection Supply Grilles (23 37 13 00-0263)		
23 37 13 00-0268	SF Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille..... <i>For 316 Stainless Steel, Add</i>	123.43 20.00	14.07
23 37 13 00-0269	SF >4 SF, 304 Stainless Steel, Single Deflection Supply Grille..... <i>For 316 Stainless Steel, Add</i>	104.91 16.30	14.07
23 37 13 00-0270	304 Stainless Steel, Double Deflection Supply Grilles (23 37 13 00-0263)		
23 37 13 00-0271	SF Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille..... <i>For 316 Stainless Steel, Add</i>	180.73 31.46	14.07
23 37 13 00-0272	SF >4 SF, 304 Stainless Steel, Double Deflection Supply Grille..... <i>For 316 Stainless Steel, Add</i>	153.99 26.11	14.07
23 37 13 00-0273	304 Stainless Steel Return Grilles (23 37 13 00-0263)		
23 37 13 00-0274	SF Up To 4 SF, 304 Stainless Steel Return Grille..... <i>For 316 Stainless Steel, Add</i>	123.43 20.00	14.07
23 37 13 00-0275	SF >4 SF, 304 Stainless Steel Return Grille..... <i>For 316 Stainless Steel, Add</i>	104.91 16.30	14.07
23 37 13 00-0276	304 Stainless Steel, Louvered Supply/Return Grilles (23 37 13 00-0263)		
23 37 13 00-0277	SF Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	123.43 20.00	14.07
23 37 13 00-0278	SF >4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	104.91 16.30	14.07
23 37 13 00-0279	304 Stainless Steel, Perforated Return Grilles (23 37 13 00-0263)		
23 37 13 00-0280	SF Up To 4 SF, 304 Stainless Steel, Perforated Return Grille..... <i>For 316 Stainless Steel, Add</i>	123.43 20.00	14.07
23 37 13 00-0281	SF >4 SF, 304 Stainless Steel, Perforated Return Grille..... <i>For 316 Stainless Steel, Add</i>	99.82 15.28	14.07
23 37 13 00-0282	304 Stainless Steel, Perforated Supply Grilles (23 37 13 00-0263)		
23 37 13 00-0283	SF Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille..... <i>For 316 Stainless Steel, Add</i>	149.48 25.21	14.07
23 37 13 00-0284	SF >4 SF, 304 Stainless Steel, Perforated Supply Grille..... <i>For 316 Stainless Steel, Add</i>	102.53 15.82	14.07
23 37 13 00-0285	304 Stainless Steel, Door Grilles (23 37 13 00-0263)		
23 37 13 00-0286	SF Up To 4 SF, 304 Stainless Steel, Door Grille..... <i>For 316 Stainless Steel, Add</i>	223.44 40.00	14.07
23 37 13 00-0287	SF >4 SF, 304 Stainless Steel, Door Grille..... <i>For 316 Stainless Steel, Add</i>	186.41 32.60	14.07
23 37 13 00-0288	304 Stainless Steel, Linear Bar Grilles (23 37 13 00-0263)		
23 37 13 00-0289	SF Up To 4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	285.59 52.43	14.07
23 37 13 00-0290	SF >4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	244.50 44.21	14.07
23 37 13 00-0291	304 Stainless Steel, Hinged Filter Grilles (23 37 13 00-0263)		
23 37 13 00-0292	SF Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille..... <i>For 316 Stainless Steel, Add</i>	209.90 37.29	14.07
23 37 13 00-0293	SF >4 SF, 304 Stainless Steel, Hinged Filter Grille..... <i>For 316 Stainless Steel, Add</i>	145.08 24.33	14.07
23 37 13 00-0294	304 Stainless Steel, Opposed Blade Dampers Grilles (23 37 13 00-0263)		
23 37 13 00-0295	SF Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille..... <i>For 316 Stainless Steel, Add</i>	113.02 17.92	14.07
23 37 13 00-0296	SF Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF..... <i>For 316 Stainless Steel, Add</i>	86.05 12.52	14.07
23 37 13 00-0297	304 Stainless Steel, Plaster Frames Replacement (23 37 13 00-0263)		
	Note: For frequent replacement.		
23 37 13 00-0298	SF To 4 SF, 304 Stainless Steel, Plaster Frames Replacement..... <i>For 316 Stainless Steel, Add</i>	88.02 12.92	14.07
23 37 13 00-0299	SF >4 SF, 304 Stainless Steel, Plaster Frames Replacement..... <i>For 316 Stainless Steel, Add</i>	46.69 4.65	14.07
23 37 13 00-0300	304 Stainless Steel, Modular Louvered Ceiling Diffusers (23 37 13 00-0263)		

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

23 37 13 00-0301	SF		Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser..... <i>For 316 Stainless Steel, Add</i>	206.77 36.67	14.07
23 37 13 00-0302	SF		>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser <i>For 316 Stainless Steel, Add</i>	161.75 27.66	14.07

23 37 13 00-0303 304 Stainless Steel, Latticed Supply/Return Grilles (23 37 13 00-0263)

23 37 13 00-0304	SF		Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille <i>For 316 Stainless Steel, Add</i>	72.39 9.79	14.07
23 37 13 00-0305	SF		>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	72.39 9.79	14.07

23 37 13 00-0306 Removal And Reinstallation Of Distribution Devices (23 37 13)

Note: Includes storage and cleaning. Excludes ductwork.

23 37 13 00-0307	EA		Remove And Reinstall Variable Air Volume Terminal Unit	168.97	
23 37 13 00-0308	EA		Remove And Reinstall Fan Powered Variable Volume Terminal Unit.....	186.36	
23 37 13 00-0309	EA		Remove And Reinstall Lay-in Diffuser/Register/Grille.....	27.93	
23 37 13 00-0310	EA		Remove And Reinstall Surface Mounted Diffuser/Register/Grille.....	37.83	

23 38 Ventilation Hoods (23 30)

23 38 13 Commercial-Kitchen Hoods (23 38)

23 38 13 16 Standard Commercial-Kitchen Hoods (23 38 13)

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System (23 38 13 16)

Note: Excludes fire suppression. See CSI section 21 24 16 00-0000 for fire suppression system, 23 31 13 23-0000 for duct, 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods (23 38 13 16-0001)

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA		8' Long x 60" Deep Dry Filter Exhaust Hood.....	4,866.47	674.13
23 38 13 16-0004	EA		8'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	5,084.34	716.26
23 38 13 16-0005	EA		9' Long x 60" Deep Dry Filter Exhaust Hood.....	5,629.85	758.38
23 38 13 16-0006	EA		9'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	5,819.70	800.52
23 38 13 16-0007	EA		10' Long x 60" Deep Dry Filter Exhaust Hood.....	6,041.91	842.65
23 38 13 16-0008	EA		10'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	6,273.93	884.79
23 38 13 16-0009	EA		11' Long x 60" Deep Dry Filter Exhaust Hood.....	6,496.64	926.92
23 38 13 16-0010	EA		11'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	6,725.06	969.06
23 38 13 16-0011	EA		12' Long x 60" Deep Dry Filter Exhaust Hood.....	6,974.04	1,011.19
23 38 13 16-0012	EA		12'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	7,194.64	1,053.31
23 38 13 16-0013	EA		13' Long x 60" Deep Dry Filter Exhaust Hood.....	7,385.30	1,095.45
23 38 13 16-0014	EA		13'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	7,678.14	1,137.58
23 38 13 16-0015	EA		14' Long x 60" Deep Dry Filter Exhaust Hood.....	8,495.97	1,179.72
23 38 13 16-0016	EA		14'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	8,736.80	1,221.85
23 38 13 16-0017	EA		15" Long x 60" Deep Dry Filter Exhaust Hood.....	9,044.67	1,263.98
23 38 13 16-0018	EA		15'-6" Long x 60" Deep Dry Filter Exhaust Hood.....	9,289.04	1,306.11
23 38 13 16-0019	EA		16' Long x 60" Deep Dry Filter Exhaust Hood.....	9,632.24	1,348.24

23 38 13 16-0020 Dry Extractor Exhaust Hoods (23 38 13 16-0001)

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA		8' Long x 60" Deep Dry Extractor Exhaust Hood.....	6,541.27	674.13
23 38 13 16-0022	EA		8'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	6,769.74	716.26
23 38 13 16-0023	EA		9' Long x 60" Deep Dry Extractor Exhaust Hood.....	7,347.05	758.38
23 38 13 16-0024	EA		9'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	7,579.30	800.52
23 38 13 16-0025	EA		10' Long x 60" Deep Dry Extractor Exhaust Hood.....	7,812.11	842.65
23 38 13 16-0026	EA		10'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	8,033.53	884.79
23 38 13 16-0027	EA		11' Long x 60" Deep Dry Extractor Exhaust Hood.....	8,266.84	926.92
23 38 13 16-0028	EA		11'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	8,489.96	969.06
23 38 13 16-0029	EA		12' Long x 60" Deep Dry Extractor Exhaust Hood.....	8,701.84	1,011.19
23 38 13 16-0030	EA		12'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	8,986.04	1,053.31
23 38 13 16-0031	EA		13' Long x 60" Deep Dry Extractor Exhaust Hood.....	9,309.20	1,095.45
23 38 13 16-0032	EA		13'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	9,649.74	1,137.58
23 38 13 16-0033	EA		14' Long x 60" Deep Dry Extractor Exhaust Hood.....	10,313.87	1,179.72
23 38 13 16-0034	EA		14'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	10,660.70	1,221.85
23 38 13 16-0035	EA		15" Long x 60" Deep Dry Extractor Exhaust Hood.....	11,291.87	1,263.98
23 38 13 16-0036	EA		15'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	11,933.74	1,306.11
23 38 13 16-0037	EA		16' Long x 60" Deep Dry Extractor Exhaust Hood.....	12,568.44	1,348.24

23 38 13 16-0038 Single Manifold Water Wash Exhaust Hoods (23 38 13 16-0001)

Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.

23 38 13 16-0039	EA		8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	6,965.27	674.13
23 38 13 16-0040	EA		8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,204.34	716.26
23 38 13 16-0041	EA		9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	7,792.25	758.38
23 38 13 16-0042	EA		9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,029.80	800.52
23 38 13 16-0043	EA		10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,278.51	842.65
23 38 13 16-0044	EA		10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,510.53	884.79
23 38 13 16-0045	EA		11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,749.14	926.92
23 38 13 16-0046	EA		11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	8,988.16	969.06
23 38 13 16-0047	EA		12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,205.34	1,011.19
23 38 13 16-0048	EA		12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,510.74	1,053.31
23 38 13 16-0049	EA		13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	9,855.10	1,095.45

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 38 Ventilation Hoods**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 38 13 16-0050	EA	13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	10,216.84	1,137.58
23 38 13 16-0051	EA	14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	10,902.17	1,179.72
23 38 13 16-0052	EA	14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,270.20	1,221.85
23 38 13 16-0053	EA	15" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	11,959.67	1,263.98
23 38 13 16-0054	EA	15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	12,325.94	1,306.11
23 38 13 16-0055	EA	16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood	12,690.34	1,348.24
23 38 13 16-0056	EA	Fan Wash Control Panel.....	4,849.13	337.06

Note: Includes time clock and backflow preventer.

23 38 13 16-0057 Utility Distribution System (UDS) (23 38 13 16-0001)

Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.

23 38 13 16-0058	EA	8' Long UDS.....	24,852.83	342.79
23 38 13 16-0059	EA	8'-6" Long UDS	25,586.38	351.13
23 38 13 16-0060	EA	9' Long UDS.....	26,311.92	359.30
23 38 13 16-0061	EA	9'-6" Long UDS	27,044.13	370.77
23 38 13 16-0062	EA	10' Long UDS.....	27,771.58	379.87
23 38 13 16-0063	EA	10'-6" Long UDS	28,492.24	389.47
23 38 13 16-0064	EA	11' Long UDS	29,222.47	396.13
23 38 13 16-0065	EA	11'-6" Long UDS	29,952.54	406.58
23 38 13 16-0066	EA	12' Long UDS.....	30,691.32	421.33
23 38 13 16-0067	EA	12'-6" Long UDS	31,440.66	441.38
23 38 13 16-0068	EA	13' Long UDS	32,175.85	454.36
23 38 13 16-0069	EA	13'-6" Long UDS	32,922.15	472.89
23 38 13 16-0070	EA	14' Long UDS.....	33,661.22	487.82
23 38 13 16-0071	EA	14'-6" Long UDS	34,402.26	503.74
23 38 13 16-0072	EA	15' Long UDS	35,145.43	520.76
23 38 13 16-0073	EA	15'-6" Long UDS.....	35,890.98	538.88
23 38 13 16-0074	EA	16' Long UDS.....	36,625.85	551.77

23 38 13 16-0075 Stainless Steel Exhaust Hood Material (23 38 13 16)

Note: Welded seams.

23 38 13 16-0076	SF	16 Gauge Stainless Steel Exhaust Hood Material	63.53	11.91
23 38 13 16-0077	SF	14 Gauge Stainless Steel Exhaust Hood Material	79.41	15.88
23 38 13 16-0078	SF	12 Gauge Stainless Steel Exhaust Hood Material	110.20	21.44
23 38 13 16-0079	SF	10 Gauge Stainless Steel Exhaust Hood Material	137.60	26.21

23 40 HVAC Air Cleaning Devices (23)**23 41 Particulate Air Filtration (23 40)****23 41 13 Panel Air Filters (23 41)****23 41 13 00-0001 Disposable Air Filters (23 41 13)**

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential.....	10.52	
------------------	----	---	-------	--

23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar (23 41 13)

23 41 13 00-0004	MF3	Electrostatic Air Filter, High Efficiency Non Supported With Frame, Element And Busbar	61.77	
23 41 13 00-0005	MF3	Electrostatic Air Filter, Medium Efficiency Non Supported With Frame, Element And Busbar.....	59.66	
23 41 13 00-0006	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.57	

23 41 16 Renewable-Media Air Filters (23 41)**23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar (23 41 16)**

23 41 16 00-0002	MF3	Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar.....	106.30	
------------------	-----	--	--------	--

23 41 19 Washable Air Filters (23 41)**23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar (23 41 19)**

23 41 19 00-0002	MF3	Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	40.59	
------------------	-----	--	-------	--

23 41 33 High-Efficiency Particulate Filtration (23 41)**23 41 33 00-0001 HEPA Filters (23 41 33)**

Note: Includes particle board and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

23 41 33 00-0002 HEPA Filters DOP Efficiency-95% (23 41 33 00-0001)

23 41 33 00-0003	EA	12" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 150 CFM, Complete.....	105.73	12.62
		<i>For Removal And Replacement In Existing Equipment, Add</i>	2.52	
		<i>For >10 To 25, Deduct</i>	-2.64	
		<i>For >25 To 50, Deduct</i>	-5.29	
		<i>For >50 To 100, Deduct</i>	-7.93	
		<i>For >100, Deduct</i>	-10.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0004	EA		24" x 12" x 6" HEPA Filter, 95% DOP Efficiency, 375 CFM, Complete.....	141.22	14.42
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.89	
			<i>For >10 To 25, Deduct</i>	-3.53	
			<i>For >25 To 50, Deduct</i>	-7.06	
			<i>For >50 To 100, Deduct</i>	-10.59	
			<i>For >100, Deduct</i>	-14.12	
23 41 33 00-0005	EA		24" x 18" x 6" HEPA Filter, 95% DOP Efficiency, 450 CFM, Complete.....	165.32	16.67
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.34	
			<i>For >10 To 25, Deduct</i>	-4.13	
			<i>For >25 To 50, Deduct</i>	-8.27	
			<i>For >50 To 100, Deduct</i>	-12.40	
			<i>For >100, Deduct</i>	-16.53	
23 41 33 00-0006	EA		24" x 24" x 6" HEPA Filter, 95% DOP Efficiency, 700 CFM, Complete.....	189.46	18.93
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.79	
			<i>For >10 To 25, Deduct</i>	-4.74	
			<i>For >25 To 50, Deduct</i>	-9.47	
			<i>For >50 To 100, Deduct</i>	-14.21	
			<i>For >100, Deduct</i>	-18.95	
23 41 33 00-0007	EA		12" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 250 CFM, Complete.....	129.32	13.52
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.70	
			<i>For >10 To 25, Deduct</i>	-3.23	
			<i>For >25 To 50, Deduct</i>	-6.47	
			<i>For >50 To 100, Deduct</i>	-9.70	
			<i>For >100, Deduct</i>	-12.93	
23 41 33 00-0008	EA		24" x 12" x 12" HEPA Filter, 95% DOP Efficiency, 500 CFM, Complete.....	174.29	15.78
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.15	
			<i>For >10 To 25, Deduct</i>	-4.36	
			<i>For >25 To 50, Deduct</i>	-8.71	
			<i>For >50 To 100, Deduct</i>	-13.07	
			<i>For >100, Deduct</i>	-17.43	
23 41 33 00-0009	EA		24" x 18" x 12" HEPA Filter, 95% DOP Efficiency, 875 CFM, Complete.....	208.55	18.03
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.61	
			<i>For >10 To 25, Deduct</i>	-5.21	
			<i>For >25 To 50, Deduct</i>	-10.43	
			<i>For >50 To 100, Deduct</i>	-15.64	
			<i>For >100, Deduct</i>	-20.86	
23 41 33 00-0010	EA		24" x 24" x 12" HEPA Filter, 95% DOP Efficiency, 1,000 CFM, Complete.....	247.31	22.54
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.51	
			<i>For >10 To 25, Deduct</i>	-6.18	
			<i>For >25 To 50, Deduct</i>	-12.37	
			<i>For >50 To 100, Deduct</i>	-18.55	
			<i>For >100, Deduct</i>	-24.73	
23 41 33 00-0011			HEPA Filters DOP Efficiency-99.99% (23 41 33 00-0001)		
23 41 33 00-0012	EA		12" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	90.47	11.27
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.25	
			<i>For >10 To 25, Deduct</i>	-2.26	
			<i>For >25 To 50, Deduct</i>	-4.52	
			<i>For >50 To 100, Deduct</i>	-6.79	
			<i>For >100, Deduct</i>	-9.05	
23 41 33 00-0013	EA		24" x 12" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	125.76	13.52
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.70	
			<i>For >10 To 25, Deduct</i>	-3.14	
			<i>For >25 To 50, Deduct</i>	-6.29	
			<i>For >50 To 100, Deduct</i>	-9.43	
			<i>For >100, Deduct</i>	-12.58	
23 41 33 00-0014	EA		24" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	193.74	15.78
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.15	
			<i>For >10 To 25, Deduct</i>	-4.84	
			<i>For >25 To 50, Deduct</i>	-9.69	
			<i>For >50 To 100, Deduct</i>	-14.53	
			<i>For >100, Deduct</i>	-19.37	
23 41 33 00-0015	EA		36" x 24" x 3" HEPA Filter, 99.99% DOP Efficiency, Complete	249.70	18.03
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.61	
			<i>For >10 To 25, Deduct</i>	-6.24	
			<i>For >25 To 50, Deduct</i>	-12.49	
			<i>For >50 To 100, Deduct</i>	-18.73	
			<i>For >100, Deduct</i>	-24.97	
23 41 33 00-0016	EA		8" x 8" x 6" HEPA Filter, 99.99% DOP Efficiency, Complete	85.90	9.01
			<i>For Removal And Replacement In Existing Equipment, Add</i>	1.80	
			<i>For >10 To 25, Deduct</i>	-2.15	
			<i>For >25 To 50, Deduct</i>	-4.30	
			<i>For >50 To 100, Deduct</i>	-6.44	
			<i>For >100, Deduct</i>	-8.59	
23 41 33 00-0017	EA		12" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 150 CFM, Complete.....	113.79	12.16
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.43	
			<i>For >10 To 25, Deduct</i>	-2.84	
			<i>For >25 To 50, Deduct</i>	-5.69	
			<i>For >50 To 100, Deduct</i>	-8.53	
			<i>For >100, Deduct</i>	-11.38	
23 41 33 00-0018	EA		24" x 12" x 6" HEPA Filter, 99.99% DOP Efficiency, 325 CFM, Complete.....	153.70	14.42
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.89	
			<i>For >10 To 25, Deduct</i>	-3.84	
			<i>For >25 To 50, Deduct</i>	-7.69	
			<i>For >50 To 100, Deduct</i>	-11.53	
			<i>For >100, Deduct</i>	-15.37	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 41 33 00-0019	EA	24" x 18" x 6" HEPA Filter, 99.99% DOP Efficiency, 550 CFM, Complete.....	180.44	16.90
		<i>For Removal And Replacement In Existing Equipment, Add</i>	3.38	
		<i>For >10 To 25, Deduct</i>	-4.51	
		<i>For >25 To 50, Deduct</i>	-9.02	
		<i>For >50 To 100, Deduct</i>	-13.53	
		<i>For >100, Deduct</i>	-18.04	
23 41 33 00-0020	EA	24" x 24" x 6" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete.....	206.30	18.93
		<i>For Removal And Replacement In Existing Equipment, Add</i>	3.79	
		<i>For >10 To 25, Deduct</i>	-5.16	
		<i>For >25 To 50, Deduct</i>	-10.32	
		<i>For >50 To 100, Deduct</i>	-15.47	
		<i>For >100, Deduct</i>	-20.63	
23 41 33 00-0021	EA	12" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 250 CFM, Complete.....	140.68	13.52
		<i>For Removal And Replacement In Existing Equipment, Add</i>	2.70	
		<i>For >10 To 25, Deduct</i>	-3.52	
		<i>For >25 To 50, Deduct</i>	-7.03	
		<i>For >50 To 100, Deduct</i>	-10.55	
		<i>For >100, Deduct</i>	-14.07	
23 41 33 00-0022	EA	24" x 12" x 12" HEPA Filter, 99.99% DOP Efficiency, 500 CFM, Complete.....	190.16	15.78
		<i>For Removal And Replacement In Existing Equipment, Add</i>	3.15	
		<i>For >10 To 25, Deduct</i>	-4.75	
		<i>For >25 To 50, Deduct</i>	-9.51	
		<i>For >50 To 100, Deduct</i>	-14.26	
		<i>For >100, Deduct</i>	-19.02	
23 41 33 00-0023	EA	24" x 18" x 12" HEPA Filter, 99.99% DOP Efficiency, 775 CFM, Complete.....	227.72	18.03
		<i>For Removal And Replacement In Existing Equipment, Add</i>	3.61	
		<i>For >10 To 25, Deduct</i>	-5.69	
		<i>For >25 To 50, Deduct</i>	-11.39	
		<i>For >50 To 100, Deduct</i>	-17.08	
		<i>For >100, Deduct</i>	-22.77	
23 41 33 00-0024	EA	24" x 24" x 12" HEPA Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete.....	280.47	22.54
		<i>For Removal And Replacement In Existing Equipment, Add</i>	4.51	
		<i>For >10 To 25, Deduct</i>	-7.01	
		<i>For >25 To 50, Deduct</i>	-14.02	
		<i>For >50 To 100, Deduct</i>	-21.04	
		<i>For >100, Deduct</i>	-28.05	

23 41 33 00-0025 HEPA Filter Housings, 14 Gauge Galvanized Sheet Metal (23 41 33)

Note: Nominal sizes.

23 41 33 00-0026	EA	12" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	249.19	67.21
23 41 33 00-0027	EA	24" x 12" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	462.16	133.61
23 41 33 00-0028	EA	24" x 18" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	469.92	133.61
23 41 33 00-0029	EA	24" x 24" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	475.10	133.61
23 41 33 00-0030	EA	24" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	511.32	133.61
23 41 33 00-0031	EA	24" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	556.59	133.61
23 41 33 00-0032	EA	48" x 48" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	893.29	268.04
23 41 33 00-0033	EA	48" x 72" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,003.24	268.04
23 41 33 00-0034	EA	48" x 96" x 6" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,142.94	268.04
23 41 33 00-0035	EA	12" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	271.18	67.21
23 41 33 00-0036	EA	24" x 12" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	499.67	133.61
23 41 33 00-0037	EA	24" x 18" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	508.73	133.61
23 41 33 00-0038	EA	24" x 24" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	515.20	133.61
23 41 33 00-0039	EA	24" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	557.88	133.61
23 41 33 00-0040	EA	24" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	614.80	133.61
23 41 33 00-0041	EA	48" x 48" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	983.84	268.04
23 41 33 00-0042	EA	48" x 72" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,120.95	268.04
23 41 33 00-0043	EA	48" x 96" x 12" HEPA Filter Housings 14 Gauge Galvanized Sheet Metal	1,294.29	268.04

23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency (23 41 33)

23 41 33 00-0045	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency	212.83	87.13
23 41 33 00-0046	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency	249.03	87.13

23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency (23 41 33)

23 41 33 00-0048	EA	0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency	208.68	87.13
23 41 33 00-0049	EA	1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency	235.38	87.13

23 42 Gas-Phase Air Filtration (23 40)**23 42 13 Activated-Carbon Air Filtration (23 42)**

23 42 13 00-0001	EA	12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.13	6.76
23 42 13 00-0002	EA	16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.59	6.76
23 42 13 00-0003	EA	16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.86	6.76
23 42 13 00-0004	EA	20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter	38.86	6.76
23 42 13 00-0005	EA	20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter	42.25	6.76
23 42 13 00-0006	EA	24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter	47.83	6.76
23 42 13 00-0007	EA	12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	48.36	7.66
23 42 13 00-0008	EA	16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	48.74	7.66
23 42 13 00-0009	EA	16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	49.06	7.66
23 42 13 00-0010	EA	20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter	49.06	7.66
23 42 13 00-0011	EA	20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter	52.81	7.66
23 42 13 00-0012	EA	24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter	63.27	7.66
23 42 13 00-0013	EA	16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter	22.61	6.76
23 42 13 00-0014	EA	16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter	24.22	6.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 42 13 00-0015	EA		20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	24.28	6.76
23 42 13 00-0016	EA		20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	26.40	6.76
23 42 13 00-0017	EA		24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter.....	28.27	6.76
23 42 13 00-0018	EA		16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	26.21	7.66
23 42 13 00-0019	EA		16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	29.03	7.66
23 42 13 00-0020	EA		20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	29.62	7.66
23 42 13 00-0021	EA		20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	33.11	7.66
23 42 13 00-0022	EA		24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	35.33	7.66
23 42 13 00-0023	EA		24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	59.16	8.11

23 44 Ultraviolet HVAC Microbial Control (23 40)
23 44 00 00-0001 Double Ended Ultraviolet HVAC Microbial Control Fixtures (23 44)

23 44 00 00-0002	EA		24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO)..... Note: Includes tube.	458.16	60.18
23 44 00 00-0003	EA		30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO)..... Note: Includes tube.	461.10	62.76
23 44 00 00-0004	EA		36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO)..... Note: Includes tube.	482.59	65.94
23 44 00 00-0005	EA		42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO)..... Note: Includes tube.	520.67	68.78
23 44 00 00-0006	EA		62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO)..... Note: Includes tube.	593.29	70.92

23 44 00 00-0007 Single Ended Ultraviolet HVAC Microbial Control Fixtures (23 44)

23 44 00 00-0008	EA		12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO)..... Note: Includes tube.	378.30	39.72
23 44 00 00-0009	EA		16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO)..... Note: Includes tube.	385.58	42.98
23 44 00 00-0010	EA		20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO)..... Note: Includes tube.	393.03	45.57
23 44 00 00-0011	EA		24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO)..... Note: Includes tube.	394.07	49.01
23 44 00 00-0012	EA		30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO)..... Note: Includes tube.	410.30	51.58
23 44 00 00-0013	EA		36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO)..... Note: Includes tube.	420.39	54.16
23 44 00 00-0014	EA		42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO)..... Note: Includes tube.	430.55	57.60
23 44 00 00-0015	EA		12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO)..... Note: Includes tube.	441.06	39.72
23 44 00 00-0016	EA		16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO)..... Note: Includes tube.	448.34	42.98
23 44 00 00-0017	EA		20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO)..... Note: Includes tube.	455.78	45.57
23 44 00 00-0018	EA		24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO)..... Note: Includes tube.	456.83	49.01
23 44 00 00-0019	EA		30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO)..... Note: Includes tube.	473.06	51.58
23 44 00 00-0020	EA		36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO)..... Note: Includes tube.	483.15	54.16
23 44 00 00-0021	EA		42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO)..... Note: Includes tube.	493.31	57.60
23 44 00 00-0022	EA		16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO)..... Note: Includes tube.	311.79	42.98
23 44 00 00-0023	EA		20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO)..... Note: Includes tube.	319.23	45.57
23 44 00 00-0024	EA		24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO)..... Note: Includes tube.	320.28	49.01
23 44 00 00-0025	EA		30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO)..... Note: Includes tube.	336.51	51.58
23 44 00 00-0026	EA		36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO)..... Note: Includes tube.	346.60	54.16
23 44 00 00-0027	EA		42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO)..... Note: Includes tube.	356.75	57.60

23 44 00 00-0028 Fan Coil Unit Ultraviolet Microbial Control Fixtures (23 44)

23 44 00 00-0029	EA		16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	281.86	55.02
23 44 00 00-0030	EA		20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	289.09	57.60
23 44 00 00-0031	EA		24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	296.30	60.18
23 44 00 00-0032	EA		30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	305.43	62.76
23 44 00 00-0033	EA		36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	316.72	65.94
23 44 00 00-0034	EA		42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire)..... Note: Includes tube.	326.88	68.78

23 44 00 00-0035 Ultraviolet HVAC Microbial Control Replacement Parts (23 44)

23 44 00 00-0036	EA		18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO).....	74.47	
23 44 00 00-0037	EA		24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO).....	78.20	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 44 Ultraviolet HVAC Microbial Control**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 44 00 00-0038	EA	30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO).....	88.01	
23 44 00 00-0039	EA	36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO).....	100.52	
23 44 00 00-0040	EA	42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO).....	113.31	
23 44 00 00-0041	EA	62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO).....	137.77	
23 44 00 00-0042	EA	12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO).....	71.88	
23 44 00 00-0043	EA	16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO).....	75.73	
23 44 00 00-0044	EA	20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO).....	79.73	
23 44 00 00-0045	EA	24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO).....	77.35	
23 44 00 00-0046	EA	30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO).....	90.13	
23 44 00 00-0047	EA	36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO).....	96.79	
23 44 00 00-0048	EA	42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO).....	103.51	
23 44 00 00-0049	EA	Replacement Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire).....	209.98	

23 44 00 00-0050 Ultraviolet HVAC Microbial Control Mounting Accessories (23 44)

23 44 00 00-0051	EA	Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610).....	382.36	
		Note: Includes 61" emitter, power supply, wires and connectors.		
23 44 00 00-0052	EA	Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620).....	480.67	
		Note: Includes 61" emitter, power supply, wires and connectors.		
23 44 00 00-0053	EA	Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1).....	230.85	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0054	EA	Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2).....	242.89	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0055	EA	Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3).....	295.79	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0056	EA	Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4).....	190.11	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0057	EA	Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5).....	204.92	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0058	EA	16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6).....	271.79	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0059	EA	12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7).....	268.37	
		Note: Includes power supply, wires and connectors. Excludes emitter.		
23 44 00 00-0060	LF	30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101).....	10.21	
23 44 00 00-0061	EA	Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111).....	35.09	
23 44 00 00-0062	EA	Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112).....	12.72	
23 44 00 00-0063	EA	Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113).....	12.12	
23 44 00 00-0064	EA	Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104).....	32.65	
23 44 00 00-0065	EA	Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114).....	35.98	
23 44 00 00-0066	EA	Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108).....	32.19	
23 44 00 00-0067	EA	Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115).....	26.49	
23 44 00 00-0068	EA	ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109).....	25.14	
23 44 00 00-0069	EA	DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223).....	14.51	
23 44 00 00-0070	EA	DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603).....	28.01	
23 44 00 00-0071	EA	Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100).....	14.56	
23 44 00 00-0072	EA	480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503).....	53.69	
23 44 00 00-0073	EA	Interlock Switch (16 Amps At 125 Volt, 10 Amps At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120).....	56.24	

23 50 Central Heating Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 51 Breechings, Chimneys, And Stacks (23 50)**23 51 13 Draft Control Devices (23 51)****23 51 13 00-0001 Vertical Discharge Fans (23 51 13)**

Note: Includes chimney adapter. Excludes wiring.

23 51 13 00-0002 Axial Vane Vertical Discharge Fans (23 51 13 00-0001)

23 51 13 00-0003	EA	450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,710.92	182.56
23 51 13 00-0004	EA	950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,216.44	199.16
23 51 13 00-0005	EA	1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	5,084.48	219.90
23 51 13 00-0006	EA	1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	6,683.69	255.17

23 51 13 00-0007 Centrifugal Impeller Vertical Discharge Fans (23 51 13 00-0001)

23 51 13 00-0008	EA	700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,485.47	199.16
23 51 13 00-0009	EA	1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,497.87	219.90
23 51 13 00-0010	EA	2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	7,173.33	257.25
23 51 13 00-0011	EA	3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	8,514.83	288.36

23 51 13 00-0012 Accessories For Vertical Discharge Fans (23 51 13 00-0001)

23 51 13 00-0013	EA	Modulating Fan Controller And Sensor.....	478.72	62.24
------------------	----	---	--------	-------

23 51 13 00-0014 Flue Shutter Dampers (23 51 13 00-0001)

23 51 13 00-0015	EA	8" Flue Size, Shutter Damper.....	512.14	82.99
23 51 13 00-0016	EA	9" Flue Size, Shutter Damper.....	552.62	88.37
23 51 13 00-0017	EA	10" Flue Size, Shutter Damper.....	574.95	94.60
23 51 13 00-0018	EA	12" Flue Size, Shutter Damper.....	629.44	102.06
23 51 13 00-0019	EA	14" Flue Size, Shutter Damper.....	706.21	110.78

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

23 51	13 00-0020	EA	16" Flue Size, Shutter Damper	765.67	120.74
23 51	13 00-0021	EA	18" Flue Size, Shutter Damper	839.21	132.77
23 51	13 00-0022	EA	20" Flue Size, Shutter Damper	933.36	147.71
23 51	13 00-0023	EA	22" Flue Size, Shutter Damper	1,034.19	165.96
23 51	13 00-0024	EA	24" Flue Size, Shutter Damper	1,145.81	189.61

23 51 16 Fabricated Breechings And Accessories (23 51)
23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)
23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0001)

23 51 16 00-0003	LF	3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	24.26	7.39
		For Aluminum Liner, Add	0.32	
		For Stainless Steel Liner, Add	0.44	
		For 2" Wall Instead Of 1", Add	3.59	
		For 3" To 4" Wall Instead Of 1", Add	6.31	
23 51 16 00-0004	LF	4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	26.20	7.80
		For Aluminum Liner, Add	0.39	
		For Stainless Steel Liner, Add	0.54	
		For 2" Wall Instead Of 1", Add	4.05	
		For 3" To 4" Wall Instead Of 1", Add	7.03	
23 51 16 00-0005	LF	5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	29.02	8.30
		For Aluminum Liner, Add	0.47	
		For Stainless Steel Liner, Add	0.64	
		For 2" Wall Instead Of 1", Add	4.60	
		For 3" To 4" Wall Instead Of 1", Add	7.93	
23 51 16 00-0006	LF	6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	31.74	8.88
		For Aluminum Liner, Add	0.54	
		For Stainless Steel Liner, Add	0.74	
		For 2" Wall Instead Of 1", Add	5.15	
		For 3" To 4" Wall Instead Of 1", Add	8.81	
23 51 16 00-0007	LF	7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	37.72	9.46
		For Aluminum Liner, Add	0.80	
		For Stainless Steel Liner, Add	1.09	
		For 2" Wall Instead Of 1", Add	6.68	
		For 3" To 4" Wall Instead Of 1", Add	11.17	
23 51 16 00-0008	LF	8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	41.93	10.21
		For Aluminum Liner, Add	0.89	
		For Stainless Steel Liner, Add	1.21	
		For 2" Wall Instead Of 1", Add	7.43	
		For 3" To 4" Wall Instead Of 1", Add	12.43	
23 51 16 00-0009	LF	10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	62.01	10.95
		For Aluminum Liner, Add	1.88	
		For Stainless Steel Liner, Add	2.56	
		For 2" Wall Instead Of 1", Add	13.03	
		For 3" To 4" Wall Instead Of 1", Add	20.94	
23 51 16 00-0010	LF	12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	76.02	12.11
		For Aluminum Liner, Add	2.52	
		For Stainless Steel Liner, Add	3.44	
		For 2" Wall Instead Of 1", Add	16.77	
		For 3" To 4" Wall Instead Of 1", Add	26.66	
23 51 16 00-0011	LF	14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	108.56	12.61
		For Aluminum Liner, Add	4.23	
		For Stainless Steel Liner, Add	5.77	
		For 2" Wall Instead Of 1", Add	26.25	
		For 3" To 4" Wall Instead Of 1", Add	40.95	
23 51 16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	136.79	13.28
		For Aluminum Liner, Add	5.71	
		For Stainless Steel Liner, Add	7.78	
		For 2" Wall Instead Of 1", Add	34.43	
		For 3" To 4" Wall Instead Of 1", Add	53.30	
23 51 16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	169.23	13.94
		For Aluminum Liner, Add	7.37	
		For Stainless Steel Liner, Add	10.05	
		For 2" Wall Instead Of 1", Add	43.73	
		For 3" To 4" Wall Instead Of 1", Add	67.35	
23 51 16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	213.75	22.16
		For Aluminum Liner, Add	8.75	
		For Stainless Steel Liner, Add	11.93	
		For 2" Wall Instead Of 1", Add	53.19	
		For 3" To 4" Wall Instead Of 1", Add	82.52	
23 51 16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	259.64	23.40
		For Aluminum Liner, Add	11.03	
		For Stainless Steel Liner, Add	15.04	
		For 2" Wall Instead Of 1", Add	66.08	
		For 3" To 4" Wall Instead Of 1", Add	102.07	
23 51 16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	310.01	24.90
		For Aluminum Liner, Add	13.60	
		For Stainless Steel Liner, Add	18.55	
		For 2" Wall Instead Of 1", Add	80.46	
		For 3" To 4" Wall Instead Of 1", Add	123.82	
23 51 16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	361.64	25.72
		For Aluminum Liner, Add	16.36	
		For Stainless Steel Liner, Add	22.31	
		For 2" Wall Instead Of 1", Add	95.65	
		For 3" To 4" Wall Instead Of 1", Add	146.68	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0018	LF 28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	379.34	26.56
	For Aluminum Liner, Add	17.21	
	For Stainless Steel Liner, Add	23.47	
	For 2" Wall Instead Of 1", Add	100.53	
	For 3" To 4" Wall Instead Of 1", Add	154.11	
23 51 16 00-0019	LF 30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	403.05	28.46
	For Aluminum Liner, Add	18.26	
	For Stainless Steel Liner, Add	24.90	
	For 2" Wall Instead Of 1", Add	106.71	
	For 3" To 4" Wall Instead Of 1", Add	163.61	
23 51 16 00-0020	LF 32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	457.56	29.54
	For Aluminum Liner, Add	21.11	
	For Stainless Steel Liner, Add	28.79	
	For 2" Wall Instead Of 1", Add	122.53	
	For 3" To 4" Wall Instead Of 1", Add	187.48	
23 51 16 00-0021	LF 34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	514.00	30.63
	For Aluminum Liner, Add	24.06	
	For Stainless Steel Liner, Add	32.81	
	For 2" Wall Instead Of 1", Add	138.90	
	For 3" To 4" Wall Instead Of 1", Add	212.17	
23 51 16 00-0022	LF 36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	541.25	31.86
	For Aluminum Liner, Add	25.39	
	For Stainless Steel Liner, Add	34.63	
	For 2" Wall Instead Of 1", Add	146.46	
	For 3" To 4" Wall Instead Of 1", Add	223.67	
23 51 16 00-0023	LF 38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	587.80	33.19
	For Aluminum Liner, Add	27.77	
	For Stainless Steel Liner, Add	37.87	
	For 2" Wall Instead Of 1", Add	159.76	
	For 3" To 4" Wall Instead Of 1", Add	243.79	
23 51 16 00-0024	LF 40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	648.53	34.60
	For Aluminum Liner, Add	30.91	
	For Stainless Steel Liner, Add	42.15	
	For 2" Wall Instead Of 1", Add	177.25	
	For 3" To 4" Wall Instead Of 1", Add	270.20	
23 51 16 00-0025	LF 42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	678.47	36.18
	For Aluminum Liner, Add	32.34	
	For Stainless Steel Liner, Add	44.09	
	For 2" Wall Instead Of 1", Add	185.43	
	For 3" To 4" Wall Instead Of 1", Add	282.67	
23 51 16 00-0026	LF 44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	751.94	37.92
	For Aluminum Liner, Add	36.14	
	For Stainless Steel Liner, Add	49.28	
	For 2" Wall Instead Of 1", Add	206.61	
	For 3" To 4" Wall Instead Of 1", Add	314.66	
23 51 16 00-0027	LF 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	817.20	39.83
	For Aluminum Liner, Add	39.47	
	For Stainless Steel Liner, Add	53.82	
	For 2" Wall Instead Of 1", Add	225.24	
	For 3" To 4" Wall Instead Of 1", Add	342.84	
23 51 16 00-0028	LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	900.03	41.90
	For Aluminum Liner, Add	43.75	
	For Stainless Steel Liner, Add	59.66	
	For 2" Wall Instead Of 1", Add	249.09	
	For 3" To 4" Wall Instead Of 1", Add	378.86	
23 51 16 00-0029	90 Degree Elbows (23 51 16 00-0001)		
23 51 16 00-0030	EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	63.38	14.77
	For Aluminum Liner, Add	1.47	
	For Stainless Steel Liner, Add	2.01	
	For 2" Wall Instead Of 1", Add	11.70	
	For 3" To 4" Wall Instead Of 1", Add	19.37	
23 51 16 00-0031	EA 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	70.53	15.60
	For Aluminum Liner, Add	1.74	
	For Stainless Steel Liner, Add	2.37	
	For 2" Wall Instead Of 1", Add	13.38	
	For 3" To 4" Wall Instead Of 1", Add	22.01	
23 51 16 00-0032	EA 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	79.06	16.60
	For Aluminum Liner, Add	2.08	
	For Stainless Steel Liner, Add	2.83	
	For 2" Wall Instead Of 1", Add	15.46	
	For 3" To 4" Wall Instead Of 1", Add	25.25	
23 51 16 00-0033	EA 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	87.76	17.68
	For Aluminum Liner, Add	2.41	
	For Stainless Steel Liner, Add	3.29	
	For 2" Wall Instead Of 1", Add	17.55	
	For 3" To 4" Wall Instead Of 1", Add	28.52	
23 51 16 00-0034	EA 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	105.72	18.92
	For Aluminum Liner, Add	3.23	
	For Stainless Steel Liner, Add	4.40	
	For 2" Wall Instead Of 1", Add	22.31	
	For 3" To 4" Wall Instead Of 1", Add	35.81	
23 51 16 00-0035	EA 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	124.52	20.42
	For Aluminum Liner, Add	4.04	
	For Stainless Steel Liner, Add	5.51	
	For 2" Wall Instead Of 1", Add	27.15	
	For 3" To 4" Wall Instead Of 1", Add	43.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0036	EA		10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	224.50	22.16
			For Aluminum Liner, Add	9.30	
			For Stainless Steel Liner, Add	12.68	
			For 2" Wall Instead Of 1", Add	56.25	
			For 3" To 4" Wall Instead Of 1", Add	87.16	
23 51 16 00-0037	EA		12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	273.44	24.15
			For Aluminum Liner, Add	11.72	
			For Stainless Steel Liner, Add	15.98	
			For 2" Wall Instead Of 1", Add	69.97	
			For 3" To 4" Wall Instead Of 1", Add	107.97	
23 51 16 00-0038	EA		14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	357.92	25.31
			For Aluminum Liner, Add	16.21	
			For Stainless Steel Liner, Add	22.10	
			For 2" Wall Instead Of 1", Add	94.73	
			For 3" To 4" Wall Instead Of 1", Add	145.26	
23 51 16 00-0039	EA		16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	442.51	26.56
			For Aluminum Liner, Add	20.69	
			For Stainless Steel Liner, Add	28.22	
			For 2" Wall Instead Of 1", Add	119.50	
			For 3" To 4" Wall Instead Of 1", Add	182.57	
23 51 16 00-0040	EA		18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	575.55	27.97
			For Aluminum Liner, Add	27.81	
			For Stainless Steel Liner, Add	37.92	
			For 2" Wall Instead Of 1", Add	158.68	
			For 3" To 4" Wall Instead Of 1", Add	241.51	
23 51 16 00-0041	EA		20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	808.85	44.23
			For Aluminum Liner, Add	38.40	
			For Stainless Steel Liner, Add	52.36	
			For 2" Wall Instead Of 1", Add	220.52	
			For 3" To 4" Wall Instead Of 1", Add	336.31	
23 51 16 00-0042	EA		22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,072.57	46.88
			For Aluminum Liner, Add	52.54	
			For Stainless Steel Liner, Add	71.65	
			For 2" Wall Instead Of 1", Add	298.33	
			For 3" To 4" Wall Instead Of 1", Add	453.35	
23 51 16 00-0043	EA		24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,212.24	49.79
			For Aluminum Liner, Add	59.82	
			For Stainless Steel Liner, Add	81.57	
			For 2" Wall Instead Of 1", Add	338.75	
			For 3" To 4" Wall Instead Of 1", Add	514.36	
23 51 16 00-0044	45 Degree Elbows <small>(23 51 16 00-0001)</small>				
23 51 16 00-0045	EA		3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	52.27	14.77
			For Aluminum Liner, Add	0.85	
			For Stainless Steel Liner, Add	1.16	
			For 2" Wall Instead Of 1", Add	8.31	
			For 3" To 4" Wall Instead Of 1", Add	14.31	
23 51 16 00-0046	EA		4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	57.27	15.60
			For Aluminum Liner, Add	1.00	
			For Stainless Steel Liner, Add	1.36	
			For 2" Wall Instead Of 1", Add	9.37	
			For 3" To 4" Wall Instead Of 1", Add	16.00	
23 51 16 00-0047	EA		5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	62.90	16.60
			For Aluminum Liner, Add	1.18	
			For Stainless Steel Liner, Add	1.61	
			For 2" Wall Instead Of 1", Add	10.57	
			For 3" To 4" Wall Instead Of 1", Add	17.93	
23 51 16 00-0048	EA		6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	69.88	17.68
			For Aluminum Liner, Add	1.41	
			For Stainless Steel Liner, Add	1.92	
			For 2" Wall Instead Of 1", Add	12.11	
			For 3" To 4" Wall Instead Of 1", Add	20.38	
23 51 16 00-0049	EA		7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	84.14	18.92
			For Aluminum Liner, Add	2.02	
			For Stainless Steel Liner, Add	2.76	
			For 2" Wall Instead Of 1", Add	15.76	
			For 3" To 4" Wall Instead Of 1", Add	26.01	
23 51 16 00-0050	EA		8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	93.29	20.42
			For Aluminum Liner, Add	2.32	
			For Stainless Steel Liner, Add	3.17	
			For 2" Wall Instead Of 1", Add	17.78	
			For 3" To 4" Wall Instead Of 1", Add	29.22	
23 51 16 00-0051	EA		10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	160.98	22.16
			For Aluminum Liner, Add	5.81	
			For Stainless Steel Liner, Add	7.92	
			For 2" Wall Instead Of 1", Add	37.23	
			For 3" To 4" Wall Instead Of 1", Add	58.61	
23 51 16 00-0052	EA		12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	193.54	24.15
			For Aluminum Liner, Add	7.33	
			For Stainless Steel Liner, Add	9.99	
			For 2" Wall Instead Of 1", Add	45.99	
			For 3" To 4" Wall Instead Of 1", Add	72.01	
23 51 16 00-0053	EA		14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	250.64	25.31
			For Aluminum Liner, Add	10.31	
			For Stainless Steel Liner, Add	14.06	
			For 2" Wall Instead Of 1", Add	62.54	
			For 3" To 4" Wall Instead Of 1", Add	96.98	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	301.52	26.56
		For Aluminum Liner, Add	12.93	
		For Stainless Steel Liner, Add	17.64	
		For 2" Wall Instead Of 1", Add	77.18	
		For 3" To 4" Wall Instead Of 1", Add	119.09	
23 51 16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	385.88	27.97
		For Aluminum Liner, Add	17.38	
		For Stainless Steel Liner, Add	23.70	
		For 2" Wall Instead Of 1", Add	101.79	
		For 3" To 4" Wall Instead Of 1", Add	156.18	
23 51 16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	466.77	44.15
		For Aluminum Liner, Add	19.60	
		For Stainless Steel Liner, Add	26.73	
		For 2" Wall Instead Of 1", Add	117.96	
		For 3" To 4" Wall Instead Of 1", Add	182.46	
23 51 16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	653.68	46.88
		For Aluminum Liner, Add	29.51	
		For Stainless Steel Liner, Add	40.24	
		For 2" Wall Instead Of 1", Add	172.66	
		For 3" To 4" Wall Instead Of 1", Add	264.85	
23 51 16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	804.16	49.79
		For Aluminum Liner, Add	37.39	
		For Stainless Steel Liner, Add	50.98	
		For 2" Wall Instead Of 1", Add	216.37	
		For 3" To 4" Wall Instead Of 1", Add	330.77	
23 51 16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,469.71	51.44
		For Aluminum Liner, Add	73.76	
		For Stainless Steel Liner, Add	100.59	
		For 2" Wall Instead Of 1", Add	415.21	
		For 3" To 4" Wall Instead Of 1", Add	629.23	
23 51 16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,510.61	53.11
		For Aluminum Liner, Add	75.79	
		For Stainless Steel Liner, Add	103.34	
		For 2" Wall Instead Of 1", Add	426.65	
		For 3" To 4" Wall Instead Of 1", Add	646.60	
23 51 16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,592.40	56.43
		For Aluminum Liner, Add	79.83	
		For Stainless Steel Liner, Add	108.86	
		For 2" Wall Instead Of 1", Add	449.52	
		For 3" To 4" Wall Instead Of 1", Add	681.33	
23 51 16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,780.25	58.09
		For Aluminum Liner, Add	89.93	
		For Stainless Steel Liner, Add	122.63	
		For 2" Wall Instead Of 1", Add	505.05	
		For 3" To 4" Wall Instead Of 1", Add	764.83	
23 51 16 00-0063	EA	34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,944.72	61.41
		For Aluminum Liner, Add	98.52	
		For Stainless Steel Liner, Add	134.35	
		For 2" Wall Instead Of 1", Add	552.73	
		For 3" To 4" Wall Instead Of 1", Add	836.77	
23 51 16 00-0064	EA	36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,003.09	66.39
		For Aluminum Liner, Add	101.05	
		For Stainless Steel Liner, Add	137.79	
		For 2" Wall Instead Of 1", Add	567.76	
		For 3" To 4" Wall Instead Of 1", Add	859.93	
23 51 16 00-0065	EA	38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,146.68	68.71
		For Aluminum Liner, Add	108.63	
		For Stainless Steel Liner, Add	148.13	
		For 2" Wall Instead Of 1", Add	609.67	
		For 3" To 4" Wall Instead Of 1", Add	923.09	
23 51 16 00-0066	EA	40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,286.97	69.71
		For Aluminum Liner, Add	116.20	
		For Stainless Steel Liner, Add	158.46	
		For 2" Wall Instead Of 1", Add	651.26	
		For 3" To 4" Wall Instead Of 1", Add	985.60	
23 51 16 00-0067	EA	42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,387.11	73.02
		For Aluminum Liner, Add	121.26	
		For Stainless Steel Liner, Add	165.35	
		For 2" Wall Instead Of 1", Add	679.65	
		For 3" To 4" Wall Instead Of 1", Add	1,028.59	
23 51 16 00-0068	EA	44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,533.19	76.34
		For Aluminum Liner, Add	128.84	
		For Stainless Steel Liner, Add	175.68	
		For 2" Wall Instead Of 1", Add	721.81	
		For 3" To 4" Wall Instead Of 1", Add	1,092.25	
23 51 16 00-0069	EA	46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,725.20	79.66
		For Aluminum Liner, Add	138.94	
		For Stainless Steel Liner, Add	189.46	
		For 2" Wall Instead Of 1", Add	777.76	
		For 3" To 4" Wall Instead Of 1", Add	1,176.59	
23 51 16 00-0070	EA	48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,825.36	82.99
		For Aluminum Liner, Add	143.99	
		For Stainless Steel Liner, Add	196.35	
		For 2" Wall Instead Of 1", Add	806.15	
		For 3" To 4" Wall Instead Of 1", Add	1,219.58	

23 51 16 00-0071 Tees (23 51 16 00-0001)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0072	EA	3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	86.90	19.66
			For Aluminum Liner, Add	2.07	
			For Stainless Steel Liner, Add	2.82	
			For 2" Wall Instead Of 1", Add	16.22	
			For 3" To 4" Wall Instead Of 1", Add	26.80	
23 51	16 00-0073	EA	4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	90.53	20.42
			For Aluminum Liner, Add	2.17	
			For Stainless Steel Liner, Add	2.96	
			For 2" Wall Instead Of 1", Add	16.95	
			For 3" To 4" Wall Instead Of 1", Add	27.98	
23 51	16 00-0074	EA	5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	94.46	21.24
			For Aluminum Liner, Add	2.27	
			For Stainless Steel Liner, Add	3.10	
			For 2" Wall Instead Of 1", Add	17.71	
			For 3" To 4" Wall Instead Of 1", Add	29.23	
23 51	16 00-0075	EA	6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	101.28	22.16
			For Aluminum Liner, Add	2.53	
			For Stainless Steel Liner, Add	3.44	
			For 2" Wall Instead Of 1", Add	19.31	
			For 3" To 4" Wall Instead Of 1", Add	31.74	
23 51	16 00-0076	EA	7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	121.14	23.06
			For Aluminum Liner, Add	3.49	
			For Stainless Steel Liner, Add	4.75	
			For 2" Wall Instead Of 1", Add	24.79	
			For 3" To 4" Wall Instead Of 1", Add	40.07	
23 51	16 00-0077	EA	8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	130.13	24.15
			For Aluminum Liner, Add	3.84	
			For Stainless Steel Liner, Add	5.24	
			For 2" Wall Instead Of 1", Add	26.98	
			For 3" To 4" Wall Instead Of 1", Add	43.48	
23 51	16 00-0078	EA	10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	252.46	25.31
			For Aluminum Liner, Add	10.41	
			For Stainless Steel Liner, Add	14.19	
			For 2" Wall Instead Of 1", Add	63.09	
			For 3" To 4" Wall Instead Of 1", Add	97.80	
23 51	16 00-0079	EA	12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	294.18	26.56
			For Aluminum Liner, Add	12.53	
			For Stainless Steel Liner, Add	17.09	
			For 2" Wall Instead Of 1", Add	74.98	
			For 3" To 4" Wall Instead Of 1", Add	115.79	
23 51	16 00-0080	EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	444.86	29.54
			For Aluminum Liner, Add	20.41	
			For Stainless Steel Liner, Add	27.83	
			For 2" Wall Instead Of 1", Add	118.71	
			For 3" To 4" Wall Instead Of 1", Add	181.75	
23 51	16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	608.40	33.19
			For Aluminum Liner, Add	28.90	
			For Stainless Steel Liner, Add	39.41	
			For 2" Wall Instead Of 1", Add	165.93	
			For 3" To 4" Wall Instead Of 1", Add	253.04	
23 51	16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	756.22	37.92
			For Aluminum Liner, Add	36.38	
			For Stainless Steel Liner, Add	49.61	
			For 2" Wall Instead Of 1", Add	207.90	
			For 3" To 4" Wall Instead Of 1", Add	316.59	
23 51	16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,008.13	46.88
			For Aluminum Liner, Add	49.01	
			For Stainless Steel Liner, Add	66.83	
			For 2" Wall Instead Of 1", Add	279.02	
			For 3" To 4" Wall Instead Of 1", Add	424.39	
23 51	16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,264.63	61.24
			For Aluminum Liner, Add	61.13	
			For Stainless Steel Liner, Add	83.36	
			For 2" Wall Instead Of 1", Add	348.77	
			For 3" To 4" Wall Instead Of 1", Add	530.81	
23 51	16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,457.07	64.72
			For Aluminum Liner, Add	71.24	
			For Stainless Steel Liner, Add	97.14	
			For 2" Wall Instead Of 1", Add	404.76	
			For 3" To 4" Wall Instead Of 1", Add	615.22	
23 51	16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,011.56	69.71
			For Aluminum Liner, Add	101.05	
			For Stainless Steel Liner, Add	137.79	
			For 2" Wall Instead Of 1", Add	568.60	
			For 3" To 4" Wall Instead Of 1", Add	861.62	
23 51	16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,247.90	72.45
			For Aluminum Liner, Add	113.68	
			For Stainless Steel Liner, Add	155.02	
			For 2" Wall Instead Of 1", Add	638.17	
			For 3" To 4" Wall Instead Of 1", Add	966.30	
23 51	16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,441.45	76.34
			For Aluminum Liner, Add	123.78	
			For Stainless Steel Liner, Add	168.80	
			For 2" Wall Instead Of 1", Add	694.27	
			For 3" To 4" Wall Instead Of 1", Add	1,050.94	
23 51	16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,817.15	79.66
			For Aluminum Liner, Add	143.99	
			For Stainless Steel Liner, Add	196.35	
			For 2" Wall Instead Of 1", Add	805.33	
			For 3" To 4" Wall Instead Of 1", Add	1,217.94	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0090	EA		34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,871.43	82.99
			For Aluminum Liner, Add	146.52	
			For Stainless Steel Liner, Add	199.80	
			For 2" Wall Instead Of 1", Add	819.94	
			For 3" To 4" Wall Instead Of 1", Add	1,240.28	
23 51 16 00-0091	EA		36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,344.68	88.54
			For Aluminum Liner, Add	171.78	
			For Stainless Steel Liner, Add	234.25	
			For 2" Wall Instead Of 1", Add	959.12	
			For 3" To 4" Wall Instead Of 1", Add	1,449.76	
23 51 16 00-0092	EA		38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,418.26	99.58
			For Aluminum Liner, Add	174.31	
			For Stainless Steel Liner, Add	237.69	
			For 2" Wall Instead Of 1", Add	975.67	
			For 3" To 4" Wall Instead Of 1", Add	1,475.95	
23 51 16 00-0093	EA		40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,729.38	113.85
			For Aluminum Liner, Add	189.46	
			For Stainless Steel Liner, Add	258.36	
			For 2" Wall Instead Of 1", Add	1,061.90	
			For 3" To 4" Wall Instead Of 1", Add	1,607.08	
23 51 16 00-0094	EA		42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,098.24	132.77
			For Aluminum Liner, Add	207.15	
			For Stainless Steel Liner, Add	282.47	
			For 2" Wall Instead Of 1", Add	1,163.09	
			For 3" To 4" Wall Instead Of 1", Add	1,761.23	
23 51 16 00-0095	EA		44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,460.95	149.37
			For Aluminum Liner, Add	224.83	
			For Stainless Steel Liner, Add	306.59	
			For 2" Wall Instead Of 1", Add	1,263.66	
			For 3" To 4" Wall Instead Of 1", Add	1,914.15	
23 51 16 00-0096	EA		46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,886.81	154.35
			For Aluminum Liner, Add	247.57	
			For Stainless Steel Liner, Add	337.59	
			For 2" Wall Instead Of 1", Add	1,388.92	
			For 3" To 4" Wall Instead Of 1", Add	2,102.66	
23 51 16 00-0097	EA		48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,174.98	159.33
			For Aluminum Liner, Add	262.72	
			For Stainless Steel Liner, Add	358.26	
			For 2" Wall Instead Of 1", Add	1,472.86	
			For 3" To 4" Wall Instead Of 1", Add	2,229.19	
23 51 16 00-0098			Vent Top Caps (23 51 16 00-0001)		
23 51 16 00-0099	EA		3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	43.10	11.54
			For Aluminum Liner, Add	0.78	
			For Stainless Steel Liner, Add	1.07	
			For 2" Wall Instead Of 1", Add	7.16	
			For 3" To 4" Wall Instead Of 1", Add	12.18	
23 51 16 00-0100	EA		4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	45.17	12.11
			For Aluminum Liner, Add	0.82	
			For Stainless Steel Liner, Add	1.12	
			For 2" Wall Instead Of 1", Add	7.51	
			For 3" To 4" Wall Instead Of 1", Add	12.78	
23 51 16 00-0101	EA		6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	59.19	13.28
			For Aluminum Liner, Add	1.43	
			For Stainless Steel Liner, Add	1.95	
			For 2" Wall Instead Of 1", Add	11.12	
			For 3" To 4" Wall Instead Of 1", Add	18.34	
23 51 16 00-0102	EA		8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	62.84	14.77
			For Aluminum Liner, Add	1.43	
			For Stainless Steel Liner, Add	1.95	
			For 2" Wall Instead Of 1", Add	11.48	
			For 3" To 4" Wall Instead Of 1", Add	19.07	
23 51 16 00-0103	EA		10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	77.31	15.60
			For Aluminum Liner, Add	2.11	
			For Stainless Steel Liner, Add	2.87	
			For 2" Wall Instead Of 1", Add	15.39	
			For 3" To 4" Wall Instead Of 1", Add	25.04	
23 51 16 00-0104	EA		12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	92.01	16.60
			For Aluminum Liner, Add	2.78	
			For Stainless Steel Liner, Add	3.79	
			For 2" Wall Instead Of 1", Add	19.31	
			For 3" To 4" Wall Instead Of 1", Add	31.03	
23 51 16 00-0105	EA		16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	224.68	18.92
			For Aluminum Liner, Add	9.75	
			For Stainless Steel Liner, Add	13.30	
			For 2" Wall Instead Of 1", Add	57.93	
			For 3" To 4" Wall Instead Of 1", Add	89.26	
23 51 16 00-0106	EA		18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	423.03	23.73
			For Aluminum Liner, Add	20.01	
			For Stainless Steel Liner, Add	27.28	
			For 2" Wall Instead Of 1", Add	115.06	
			For 3" To 4" Wall Instead Of 1", Add	175.55	
23 51 16 00-0107	EA		20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe.....	787.64	28.46
			For Aluminum Liner, Add	39.41	
			For Stainless Steel Liner, Add	53.74	
			For 2" Wall Instead Of 1", Add	222.07	
			For 3" To 4" Wall Instead Of 1", Add	336.66	

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

23 51 16 00-0108	EA		24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,312.17	39.83
			For Aluminum Liner, Add	66.69	
			For Stainless Steel Liner, Add	90.94	
			For 2" Wall Instead Of 1", Add	373.73	
			For 3" To 4" Wall Instead Of 1", Add	565.58	
23 51 16 00-0109	EA		26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,942.00	41.90
			For Aluminum Liner, Add	101.05	
			For Stainless Steel Liner, Add	137.79	
			For 2" Wall Instead Of 1", Add	561.65	
			For 3" To 4" Wall Instead Of 1", Add	847.71	
23 51 16 00-0110	EA		28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,177.52	44.23
			For Aluminum Liner, Add	113.68	
			For Stainless Steel Liner, Add	155.02	
			For 2" Wall Instead Of 1", Add	631.13	
			For 3" To 4" Wall Instead Of 1", Add	952.22	
23 51 16 00-0111	EA		30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,459.67	46.88
			For Aluminum Liner, Add	128.84	
			For Stainless Steel Liner, Add	175.68	
			For 2" Wall Instead Of 1", Add	714.46	
			For 3" To 4" Wall Instead Of 1", Add	1,077.55	
23 51 16 00-0112	EA		32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,604.78	49.79
			For Aluminum Liner, Add	136.41	
			For Stainless Steel Liner, Add	186.02	
			For 2" Wall Instead Of 1", Add	756.53	
			For 3" To 4" Wall Instead Of 1", Add	1,141.02	
23 51 16 00-0113	EA		34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,750.86	53.11
			For Aluminum Liner, Add	143.99	
			For Stainless Steel Liner, Add	196.35	
			For 2" Wall Instead Of 1", Add	798.70	
			For 3" To 4" Wall Instead Of 1", Add	1,204.68	
23 51 16 00-0114	EA		36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,943.96	56.92
			For Aluminum Liner, Add	154.10	
			For Stainless Steel Liner, Add	210.13	
			For 2" Wall Instead Of 1", Add	854.75	
			For 3" To 4" Wall Instead Of 1", Add	1,289.23	
23 51 16 00-0115			Wall Thimbles <small>(23 51 16 00-0001)</small>		
23 51 16 00-0116	EA		3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	17.14	6.22
			For Aluminum Liner, Add	0.09	
			For Stainless Steel Liner, Add	0.12	
			For 2" Wall Instead Of 1", Add	2.04	
			For 3" To 4" Wall Instead Of 1", Add	3.84	
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	21.67	7.96
			For Aluminum Liner, Add	0.09	
			For Stainless Steel Liner, Add	0.13	
			For 2" Wall Instead Of 1", Add	2.50	
			For 3" To 4" Wall Instead Of 1", Add	4.75	
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	28.83	10.70
			For Aluminum Liner, Add	0.11	
			For Stainless Steel Liner, Add	0.15	
			For 2" Wall Instead Of 1", Add	3.30	
			For 3" To 4" Wall Instead Of 1", Add	6.28	
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	36.12	13.28
			For Aluminum Liner, Add	0.16	
			For Stainless Steel Liner, Add	0.22	
			For 2" Wall Instead Of 1", Add	4.20	
			For 3" To 4" Wall Instead Of 1", Add	7.96	
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	52.34	17.92
			For Aluminum Liner, Add	0.41	
			For Stainless Steel Liner, Add	0.56	
			For 2" Wall Instead Of 1", Add	6.74	
			For 3" To 4" Wall Instead Of 1", Add	12.35	
23 51 16 00-0121	EA		12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	66.26	22.24
			For Aluminum Liner, Add	0.59	
			For Stainless Steel Liner, Add	0.80	
			For 2" Wall Instead Of 1", Add	8.76	
			For 3" To 4" Wall Instead Of 1", Add	15.92	
23 51 16 00-0122	EA		14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	84.45	26.56
			For Aluminum Liner, Add	0.99	
			For Stainless Steel Liner, Add	1.35	
			For 2" Wall Instead Of 1", Add	12.06	
			For 3" To 4" Wall Instead Of 1", Add	21.41	
23 51 16 00-0123	EA		18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	111.16	31.53
			For Aluminum Liner, Add	1.78	
			For Stainless Steel Liner, Add	2.42	
			For 2" Wall Instead Of 1", Add	17.58	
			For 3" To 4" Wall Instead Of 1", Add	30.31	
23 51 16 00-0124	EA		22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	152.13	34.85
			For Aluminum Liner, Add	3.58	
			For Stainless Steel Liner, Add	4.88	
			For 2" Wall Instead Of 1", Add	28.21	
			For 3" To 4" Wall Instead Of 1", Add	46.68	

23 51 16 00-0125 Adjustable Roof Flashing (23 51 16 00-0001)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 51 16 00-0126	EA	3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	47.41	14.77
		For Aluminum Liner, Add	0.58	
		For Stainless Steel Liner, Add	0.79	
		For 2" Wall Instead Of 1", Add	6.85	
		For 3" To 4" Wall Instead Of 1", Add	12.12	
23 51 16 00-0127	EA	4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	52.67	15.60
		For Aluminum Liner, Add	0.75	
		For Stainless Steel Liner, Add	1.02	
		For 2" Wall Instead Of 1", Add	7.99	
		For 3" To 4" Wall Instead Of 1", Add	13.93	
23 51 16 00-0128	EA	6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	67.01	17.68
		For Aluminum Liner, Add	1.25	
		For Stainless Steel Liner, Add	1.71	
		For 2" Wall Instead Of 1", Add	11.26	
		For 3" To 4" Wall Instead Of 1", Add	19.10	
23 51 16 00-0129	EA	8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	82.17	20.42
		For Aluminum Liner, Add	1.71	
		For Stainless Steel Liner, Add	2.34	
		For 2" Wall Instead Of 1", Add	14.45	
		For 3" To 4" Wall Instead Of 1", Add	24.22	
23 51 16 00-0130	EA	10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	140.78	22.16
		For Aluminum Liner, Add	4.70	
		For Stainless Steel Liner, Add	6.41	
		For 2" Wall Instead Of 1", Add	31.16	
		For 3" To 4" Wall Instead Of 1", Add	49.51	
23 51 16 00-0131	EA	12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	168.72	24.15
		For Aluminum Liner, Add	5.96	
		For Stainless Steel Liner, Add	8.13	
		For 2" Wall Instead Of 1", Add	38.55	
		For 3" To 4" Wall Instead Of 1", Add	60.84	
23 51 16 00-0132	EA	14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	199.59	26.56
		For Aluminum Liner, Add	7.33	
		For Stainless Steel Liner, Add	9.99	
		For 2" Wall Instead Of 1", Add	46.60	
		For 3" To 4" Wall Instead Of 1", Add	73.22	
23 51 16 00-0133	EA	16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	239.21	29.54
		For Aluminum Liner, Add	9.09	
		For Stainless Steel Liner, Add	12.40	
		For 2" Wall Instead Of 1", Add	56.99	
		For 3" To 4" Wall Instead Of 1", Add	89.18	
23 51 16 00-0134	EA	18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	367.79	33.19
		For Aluminum Liner, Add	15.66	
		For Stainless Steel Liner, Add	21.36	
		For 2" Wall Instead Of 1", Add	93.73	
		For 3" To 4" Wall Instead Of 1", Add	144.75	
23 51 16 00-0135	EA	20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	400.92	44.23
		For Aluminum Liner, Add	15.97	
		For Stainless Steel Liner, Add	21.77	
		For 2" Wall Instead Of 1", Add	98.15	
		For 3" To 4" Wall Instead Of 1", Add	152.75	
23 51 16 00-0136	EA	22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	509.72	56.92
		For Aluminum Liner, Add	20.21	
		For Stainless Steel Liner, Add	27.56	
		For 2" Wall Instead Of 1", Add	124.46	
		For 3" To 4" Wall Instead Of 1", Add	193.80	
23 51 16 00-0137	EA	24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	606.89	66.39
		For Aluminum Liner, Add	24.25	
		For Stainless Steel Liner, Add	33.07	
		For 2" Wall Instead Of 1", Add	148.88	
		For 3" To 4" Wall Instead Of 1", Add	231.61	

23 51 16 00-0138 Galvanized Storm Collars (23 51 16 00-0001)

23 51 16 00-0139	EA	3" Round Galvanized Storm Collar, Double Wall	18.56	6.22
		For Aluminum Liner, Add	0.17	
		For Stainless Steel Liner, Add	0.23	
		For 2" Wall Instead Of 1", Add	2.47	
		For 3" To 4" Wall Instead Of 1", Add	4.47	
23 51 16 00-0140	EA	4" Round Galvanized Storm Collar, Double Wall	23.41	7.96
		For Aluminum Liner, Add	0.19	
		For Stainless Steel Liner, Add	0.26	
		For 2" Wall Instead Of 1", Add	3.04	
		For 3" To 4" Wall Instead Of 1", Add	5.56	
23 51 16 00-0141	EA	5" Round Galvanized Storm Collar, Double Wall	27.59	9.29
		For Aluminum Liner, Add	0.24	
		For Stainless Steel Liner, Add	0.33	
		For 2" Wall Instead Of 1", Add	3.63	
		For 3" To 4" Wall Instead Of 1", Add	6.61	
23 51 16 00-0142	EA	6" Round Galvanized Storm Collar, Double Wall	31.79	10.62
		For Aluminum Liner, Add	0.29	
		For Stainless Steel Liner, Add	0.39	
		For 2" Wall Instead Of 1", Add	4.23	
		For 3" To 4" Wall Instead Of 1", Add	7.67	
23 51 16 00-0143	EA	7" Or 8" Round Galvanized Storm Collar, Double Wall	40.15	13.28
		For Aluminum Liner, Add	0.38	
		For Stainless Steel Liner, Add	0.52	
		For 2" Wall Instead Of 1", Add	5.41	
		For 3" To 4" Wall Instead Of 1", Add	9.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0144	EA		10" Round Galvanized Storm Collar, Double Wall	55.71	17.92
			For Aluminum Liner, Add	0.60	
			For Stainless Steel Liner, Add	0.82	
			For 2" Wall Instead Of 1", Add	7.75	
			For 3" To 4" Wall Instead Of 1", Add	13.87	
23 51 16 00-0145	EA		12" Round Galvanized Storm Collar, Double Wall	68.70	22.24
			For Aluminum Liner, Add	0.72	
			For Stainless Steel Liner, Add	0.98	
			For 2" Wall Instead Of 1", Add	9.49	
			For 3" To 4" Wall Instead Of 1", Add	17.02	
23 51 16 00-0146	EA		14" Or 16" Round Galvanized Storm Collar, Double Wall	88.63	26.56
			For Aluminum Liner, Add	1.22	
			For Stainless Steel Liner, Add	1.67	
			For 2" Wall Instead Of 1", Add	13.31	
			For 3" To 4" Wall Instead Of 1", Add	23.29	
23 51 16 00-0147	EA		18" Or 20" Round Galvanized Storm Collar, Double Wall	119.08	31.53
			For Aluminum Liner, Add	2.21	
			For Stainless Steel Liner, Add	3.02	
			For 2" Wall Instead Of 1", Add	19.96	
			For 3" To 4" Wall Instead Of 1", Add	33.88	
23 51 16 00-0148	EA		22" Or 24" Round Galvanized Storm Collar, Double Wall	171.93	34.85
			For Aluminum Liner, Add	4.66	
			For Stainless Steel Liner, Add	6.36	
			For 2" Wall Instead Of 1", Add	34.15	
			For 3" To 4" Wall Instead Of 1", Add	55.59	
23 51 16 00-0149			Oval Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
23 51 16 00-0150			Oval Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0149)		
23 51 16 00-0151	LF		4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	32.68	7.80
			For 2" Wall Instead Of 1", Add	5.90	
			For 3" To 4" Wall Instead Of 1", Add	9.83	
23 51 16 00-0152	LF		5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	36.23	8.30
			For 2" Wall Instead Of 1", Add	6.75	
			For 3" To 4" Wall Instead Of 1", Add	11.16	
23 51 16 00-0153	LF		6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	40.29	8.88
			For 2" Wall Instead Of 1", Add	7.66	
			For 3" To 4" Wall Instead Of 1", Add	12.59	
23 51 16 00-0154			45 Degree Elbows (23 51 16 00-0149)		
23 51 16 00-0155	EA		4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	72.04	16.18
			For 2" Wall Instead Of 1", Add	13.52	
			For 3" To 4" Wall Instead Of 1", Add	22.30	
23 51 16 00-0156	EA		5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	84.04	18.92
			For 2" Wall Instead Of 1", Add	15.75	
			For 3" To 4" Wall Instead Of 1", Add	25.99	
23 51 16 00-0157	EA		6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	100.65	21.41
			For 2" Wall Instead Of 1", Add	19.49	
			For 3" To 4" Wall Instead Of 1", Add	31.91	
23 51 16 00-0158	EA		4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	73.62	16.18
			For 2" Wall Instead Of 1", Add	13.99	
			For 3" To 4" Wall Instead Of 1", Add	23.01	
23 51 16 00-0159	EA		5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	87.88	18.92
			For 2" Wall Instead Of 1", Add	16.90	
			For 3" To 4" Wall Instead Of 1", Add	27.72	
23 51 16 00-0160	EA		6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	103.13	21.41
			For 2" Wall Instead Of 1", Add	20.23	
			For 3" To 4" Wall Instead Of 1", Add	33.02	
23 51 16 00-0161			Tees (23 51 16 00-0149)		
23 51 16 00-0162	EA		4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	121.66	24.56
			For 2" Wall Instead Of 1", Add	24.20	
			For 3" To 4" Wall Instead Of 1", Add	39.38	
23 51 16 00-0163	EA		4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	124.14	24.56
			For 2" Wall Instead Of 1", Add	24.95	
			For 3" To 4" Wall Instead Of 1", Add	40.50	
23 51 16 00-0164	EA		5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	142.68	28.21
			For 2" Wall Instead Of 1", Add	28.70	
			For 3" To 4" Wall Instead Of 1", Add	46.57	
23 51 16 00-0165	EA		6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	163.56	31.61
			For 2" Wall Instead Of 1", Add	33.26	
			For 3" To 4" Wall Instead Of 1", Add	53.84	
23 51 16 00-0166			Tops/Caps And Adjustable Flashing (23 51 16 00-0149)		
23 51 16 00-0167	EA		4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	47.27	7.96
			For 2" Wall Instead Of 1", Add	10.18	
			For 3" To 4" Wall Instead Of 1", Add	16.27	
23 51 16 00-0168	EA		6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	74.67	10.70
			For 2" Wall Instead Of 1", Add	17.05	
			For 3" To 4" Wall Instead Of 1", Add	26.91	
23 51 16 00-0169	EA		4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	37.57	7.96
			For 2" Wall Instead Of 1", Add	7.27	
			For 3" To 4" Wall Instead Of 1", Add	11.91	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0170	EA 6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	65.54 14.31 22.80	10.70
23 51 16 00-0171	Storm Collars <small>(23 51 16 00-0149)</small>		
23 51 16 00-0172	EA 4" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	23.41 3.04 5.56	7.96
23 51 16 00-0173	EA 5" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	27.59 3.63 6.61	9.29
23 51 16 00-0174	EA 6" Oval Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	31.79 4.23 7.67	10.62
23 51 16 00-0175	Round Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small>		
	Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0176	Round Double Wall Flue/Vent Pipe <small>(23 51 16 00-0175)</small>		
	Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177	LF 6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	80.19 9.28 5.80 11.60	8.88
23 51 16 00-0178	LF 8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	96.38 11.33 7.08 14.16	10.21
23 51 16 00-0179	LF 10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	106.98 12.70 7.94 15.87	11.03
23 51 16 00-0180	LF 12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	120.62 14.47 9.05 18.09	12.03
23 51 16 00-0181	LF 14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	135.72 16.66 10.41 20.82	12.61
23 51 16 00-0182	LF 16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	143.33 17.61 11.01 22.02	13.28
23 51 16 00-0183	LF 18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	158.71 19.80 12.37 24.75	14.02
23 51 16 00-0184	LF 20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	197.00 22.66 14.17 28.33	22.16
23 51 16 00-0185	LF 24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	244.86 29.22 18.26 36.52	24.90
23 51 16 00-0186	LF 28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	276.26 33.59 20.99 41.98	26.56
23 51 16 00-0187	LF 32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	309.19 37.68 23.55 47.10	29.46
23 51 16 00-0188	LF 36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	344.08 42.32 26.45 52.90	31.86
23 51 16 00-0189	LF 42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	392.80 48.33 30.21 60.41	36.26

MINOR		DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM			UNIT COST	UNIT COST
23 51 16 00-0190	LF	48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	459.95	41.99	
		<i>For 316 Stainless Steel, Add</i>	56.80		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	35.50		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	71.00		
23 51 16 00-0191		90 Degree Elbows <small>(23 51 16 00-0175)</small>			
23 51 16 00-0192	EA	6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	375.21	18.34	
		<i>For 316 Stainless Steel, Add</i>	65.88		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	32.94		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	65.88		
23 51 16 00-0193	EA	8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	414.54	20.42	
		<i>For 316 Stainless Steel, Add</i>	72.70		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	36.35		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	72.70		
23 51 16 00-0194	EA	10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	471.79	22.16	
		<i>For 316 Stainless Steel, Add</i>	83.28		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	41.64		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	83.28		
23 51 16 00-0195	EA	12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	533.06	24.15	
		<i>For 316 Stainless Steel, Add</i>	94.55		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.27		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	94.55		
23 51 16 00-0196	EA	14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	617.89	25.31	
		<i>For 316 Stainless Steel, Add</i>	110.93		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	55.47		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	110.93		
23 51 16 00-0197	EA	16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	680.76	26.56	
		<i>For 316 Stainless Steel, Add</i>	122.88		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	61.44		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	122.88		
23 51 16 00-0198	EA	18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	786.64	27.97	
		<i>For 316 Stainless Steel, Add</i>	143.36		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	71.68		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	143.36		
23 51 16 00-0199	EA	20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	912.76	44.23	
		<i>For 316 Stainless Steel, Add</i>	160.42		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	80.21		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	160.42		
23 51 16 00-0200	EA	24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,122.84	49.79	
		<i>For 316 Stainless Steel, Add</i>	199.67		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	99.84		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	199.67		
23 51 16 00-0201	EA	28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,361.53	53.11	
		<i>For 316 Stainless Steel, Add</i>	245.75		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	122.88		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	245.75		
23 51 16 00-0202	EA	32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,797.61	56.84	
		<i>For 316 Stainless Steel, Add</i>	331.08		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	165.54		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	331.08		
23 51 16 00-0203	EA	36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,043.23	66.39	
		<i>For 316 Stainless Steel, Add</i>	375.45		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	187.73		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	375.45		
23 51 16 00-0204	EA	42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,996.92	72.45	
		<i>For 316 Stainless Steel, Add</i>	563.18		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	281.59		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	563.18		
23 51 16 00-0205	EA	48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,740.38	79.66	
		<i>For 316 Stainless Steel, Add</i>	708.24		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	354.12		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	708.24		
23 51 16 00-0206		45 Degree Elbows <small>(23 51 16 00-0175)</small>			
23 51 16 00-0207	EA	6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	250.73	17.68	
		<i>For 316 Stainless Steel, Add</i>	41.30		
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	20.65		
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	41.30		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0208	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	286.54	20.42
			<i>For 316 Stainless Steel, Add</i>	47.10	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	23.55	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	47.10	
23 51 16 00-0209	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	318.17	22.16
			<i>For 316 Stainless Steel, Add</i>	52.56	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	26.28	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	52.56	
23 51 16 00-0210	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	362.41	24.15
			<i>For 316 Stainless Steel, Add</i>	60.41	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	30.21	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	60.41	
23 51 16 00-0211	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	407.98	25.31
			<i>For 316 Stainless Steel, Add</i>	68.95	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	34.47	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	68.95	
23 51 16 00-0212	EA		16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	457.19	26.56
			<i>For 316 Stainless Steel, Add</i>	78.16	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	39.08	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	78.16	
23 51 16 00-0213	EA		18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	511.87	27.97
			<i>For 316 Stainless Steel, Add</i>	88.40	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	44.20	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	88.40	
23 51 16 00-0214	EA		20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	615.81	44.23
			<i>For 316 Stainless Steel, Add</i>	101.03	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	50.52	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	101.03	
23 51 16 00-0215	EA		24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	772.98	49.79
			<i>For 316 Stainless Steel, Add</i>	129.70	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	64.85	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	129.70	
23 51 16 00-0216	EA		28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	866.61	53.11
			<i>For 316 Stainless Steel, Add</i>	146.77	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	73.38	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	146.77	
23 51 16 00-0217	EA		32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,123.50	56.84
			<i>For 316 Stainless Steel, Add</i>	196.26	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	98.13	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	196.26	
23 51 16 00-0218	EA		36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,488.58	66.39
			<i>For 316 Stainless Steel, Add</i>	264.52	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	132.26	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	264.52	
23 51 16 00-0219	EA		42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,972.95	72.45
			<i>For 316 Stainless Steel, Add</i>	358.39	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	179.19	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	358.39	
23 51 16 00-0220	EA		48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,631.09	79.66
			<i>For 316 Stainless Steel, Add</i>	486.38	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	243.19	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	486.38	
23 51 16 00-0221			Tees <small>(23 51 16 00-0175)</small>		
23 51 16 00-0222	EA		6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	272.12	22.16
			<i>For 316 Stainless Steel, Add</i>	47.68	
			<i>For Tee Cap, Add</i>	62.73	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	21.67	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	43.35	
23 51 16 00-0223	EA		8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	309.50	24.15
			<i>For 316 Stainless Steel, Add</i>	54.82	
			<i>For Tee Cap, Add</i>	70.95	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	24.92	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	49.83	
23 51 16 00-0224	EA		10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	355.04	25.31
			<i>For 316 Stainless Steel, Add</i>	64.20	
			<i>For Tee Cap, Add</i>	80.49	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	29.18	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	58.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0225	EA		12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	407.69	26.56
			For 316 Stainless Steel, Add	75.09	
			For Tee Cap, Add	91.49	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	34.13	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	68.26	
23 51 16 00-0226	EA		14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	476.52	29.54
			For 316 Stainless Steel, Add	88.61	
			For Tee Cap, Add	106.37	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	40.28	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	80.55	
23 51 16 00-0227	EA		16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	535.18	33.19
			For 316 Stainless Steel, Add	99.50	
			For Tee Cap, Add	119.48	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	45.23	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	90.45	
23 51 16 00-0228	EA		18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	623.81	37.92
			For 316 Stainless Steel, Add	116.39	
			For Tee Cap, Add	138.98	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	52.91	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	105.81	
23 51 16 00-0229	EA		20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	714.46	46.88
			For 316 Stainless Steel, Add	131.41	
			For Tee Cap, Add	160.46	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	59.73	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	119.46	
23 51 16 00-0230	EA		24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	908.34	66.39
			For 316 Stainless Steel, Add	163.32	
			For Tee Cap, Add	206.56	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	74.24	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	148.48	
23 51 16 00-0231	EA		28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,102.58	72.45
			For 316 Stainless Steel, Add	202.75	
			For Tee Cap, Add	247.67	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	92.16	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	184.31	
23 51 16 00-0232	EA		32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,462.05	79.66
			For 316 Stainless Steel, Add	277.84	
			For Tee Cap, Add	322.28	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	126.29	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	252.58	
23 51 16 00-0233	EA		36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,629.35	88.54
			For 316 Stainless Steel, Add	309.75	
			For Tee Cap, Add	359.08	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	140.80	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	281.59	
23 51 16 00-0234	EA		42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,593.19	132.77
			For 316 Stainless Steel, Add	497.48	
			For Tee Cap, Add	568.43	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	226.13	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	452.25	
23 51 16 00-0235	EA		48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,256.91	159.33
			For 316 Stainless Steel, Add	628.89	
			For Tee Cap, Add	711.13	
			For 2" Insulated Wall Instead Of 1" Thickness, Add	285.86	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	571.71	
23 51 16 00-0236			Bellows <small>(23 51 16 00-0175)</small>		
23 51 16 00-0237	EA		6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	511.84	17.68
			For 2" Insulated Wall Instead Of 1" Thickness, Add	46.76	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	93.52	
23 51 16 00-0238	EA		8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	557.89	20.42
			For 2" Insulated Wall Instead Of 1" Thickness, Add	50.69	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	101.37	
23 51 16 00-0239	EA		10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	610.03	22.16
			For 2" Insulated Wall Instead Of 1" Thickness, Add	55.47	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	110.93	
23 51 16 00-0240	EA		12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	674.71	24.15
			For 2" Insulated Wall Instead Of 1" Thickness, Add	61.44	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	122.88	
23 51 16 00-0241	EA		14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	754.42	25.31
			For 2" Insulated Wall Instead Of 1" Thickness, Add	69.12	
			For 3" Insulated Wall Instead Of 1" Thickness, Add	138.24	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	834.35	26.56
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	76.80	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	153.59	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	931.70	27.97
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	86.18	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	172.37	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,083.41	44.23
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	97.28	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	194.55	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,336.17	49.79
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	121.17	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	242.34	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,498.08	53.11
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	136.53	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	273.06	
23 51 16 00-0247	EA	32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,712.36	56.92
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	157.01	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	314.02	
23 51 16 00-0248	EA	36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,957.91	66.39
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	179.19	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	358.39	
23 51 16 00-0249	EA	42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,484.94	72.45
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	230.39	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	460.78	
23 51 16 00-0250	EA	48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,015.08	79.66
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	281.59	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	563.18	
23 51 16 00-0251		Ventilated Roof Thimbles <small>(23 51 16 00-0175)</small>		
23 51 16 00-0252	EA	6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	341.18	20.42
		<i>For 316 Stainless Steel, Add</i>	29.01	
23 51 16 00-0253	EA	8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	370.93	24.15
		<i>For 316 Stainless Steel, Add</i>	31.06	
23 51 16 00-0254	EA	10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	405.98	26.56
		<i>For 316 Stainless Steel, Add</i>	33.96	
23 51 16 00-0255	EA	12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	439.02	29.54
		<i>For 316 Stainless Steel, Add</i>	36.52	
23 51 16 00-0256	EA	14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	557.68	31.28
		<i>For 316 Stainless Steel, Add</i>	47.96	
23 51 16 00-0257	EA	16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	499.38	33.19
		<i>For 316 Stainless Steel, Add</i>	41.64	
23 51 16 00-0258	EA	18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	537.39	35.44
		<i>For 316 Stainless Steel, Add</i>	44.88	
23 51 16 00-0259	EA	20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	605.74	49.79
		<i>For 316 Stainless Steel, Add</i>	48.13	
23 51 16 00-0260	EA	24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	679.68	56.84
		<i>For 316 Stainless Steel, Add</i>	53.76	
23 51 16 00-0261	EA	28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	776.02	61.24
		<i>For 316 Stainless Steel, Add</i>	62.29	
23 51 16 00-0262	EA	32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	865.57	66.30
		<i>For 316 Stainless Steel, Add</i>	69.97	
23 51 16 00-0263	EA	36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	967.00	79.58
		<i>For 316 Stainless Steel, Add</i>	76.80	
23 51 16 00-0264	EA	42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,236.62	88.46
		<i>For 316 Stainless Steel, Add</i>	101.54	
23 51 16 00-0265	EA	48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,528.74	99.50
		<i>For 316 Stainless Steel, Add</i>	128.00	
23 51 16 00-0266		Exit Cones <small>(23 51 16 00-0175)</small>		
23 51 16 00-0267	EA	6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	235.39	11.54
23 51 16 00-0268	EA	8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	248.36	12.61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0269	EA		10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	266.99	13.28
23 51 16 00-0270	EA		12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	278.98	13.94
23 51 16 00-0271	EA		14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	307.22	14.36
23 51 16 00-0272	EA		16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	335.47	14.69
23 51 16 00-0273	EA		18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	406.53	15.18
23 51 16 00-0274	EA		20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	509.74	28.46
23 51 16 00-0275	EA		24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	639.76	30.63
23 51 16 00-0276	EA		28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	762.31	31.86
23 51 16 00-0277	EA		32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	936.31	33.19
23 51 16 00-0278	EA		36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,063.33	36.26
23 51 16 00-0279	EA		42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,340.70	37.92
23 51 16 00-0280	EA		48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,712.34	39.83
23 51 16 00-0281			Vent Top Caps <small>(23 51 16 00-0175)</small>		
23 51 16 00-0282	EA		6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	257.51	11.54
23 51 16 00-0283	EA		8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	297.85	12.61
23 51 16 00-0284	EA		10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	345.47	13.28
23 51 16 00-0285	EA		12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	396.71	13.94
23 51 16 00-0286	EA		14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	462.48	14.36
23 51 16 00-0287	EA		16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	524.95	14.77
23 51 16 00-0288	EA		18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	584.04	15.18
23 51 16 00-0289	EA		20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	702.51	28.46
23 51 16 00-0290	EA		24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	836.02	30.63
23 51 16 00-0291	EA		28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	907.33	31.86
23 51 16 00-0292	EA		32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,030.11	33.19
23 51 16 00-0293	EA		36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,199.76	36.18
23 51 16 00-0294	EA		42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,460.10	37.92
23 51 16 00-0295	EA		48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,695.21	39.83
23 51 16 00-0296			Roof Support Assemblies <small>(23 51 16 00-0175)</small>		
23 51 16 00-0297	EA		6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	389.24	21.24
			<i>For 316 Stainless Steel, Add</i>	67.24	
23 51 16 00-0298	EA		8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	430.16	25.31
			<i>For 316 Stainless Steel, Add</i>	73.38	
23 51 16 00-0299	EA		10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	472.58	27.97
			<i>For 316 Stainless Steel, Add</i>	80.55	
23 51 16 00-0300	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	504.69	31.20
			<i>For 316 Stainless Steel, Add</i>	85.33	
23 51 16 00-0301	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	562.54	33.19
			<i>For 316 Stainless Steel, Add</i>	95.91	
23 51 16 00-0302	EA		16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	597.09	35.44
			<i>For 316 Stainless Steel, Add</i>	101.71	
23 51 16 00-0303	EA		18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	641.04	38.00
			<i>For 316 Stainless Steel, Add</i>	109.22	
23 51 16 00-0304	EA		20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	713.02	53.11
			<i>For 316 Stainless Steel, Add</i>	116.05	
23 51 16 00-0305	EA		24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	801.73	61.32
			<i>For 316 Stainless Steel, Add</i>	129.70	
23 51 16 00-0306	EA		28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	925.40	66.39
			<i>For 316 Stainless Steel, Add</i>	151.89	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0307	EA 32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,102.59	72.45
	<i>For 316 Stainless Steel, Add</i>	184.31	
23 51 16 00-0308	EA 36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,279.50	88.54
	<i>For 316 Stainless Steel, Add</i>	211.62	
23 51 16 00-0309	EA 42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,904.34	99.58
	<i>For 316 Stainless Steel, Add</i>	331.08	
23 51 16 00-0310	EA 48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,330.95	113.19
	<i>For 316 Stainless Steel, Add</i>	409.59	
23 51 16 00-0311	Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small> Note: With 1" insulation.		
23 51 16 00-0312	Round Stainless Steel Double Wall Flue/Vent Pipe <small>(23 51 16 00-0311)</small> Note: With 1" insulation.		
23 51 16 00-0313	LF 6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	69.96	8.88
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	4.78	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	9.56	
23 51 16 00-0314	LF 7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	85.16	9.46
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	6.14	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	12.29	
23 51 16 00-0315	LF 8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	97.24	10.21
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	7.17	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	14.34	
23 51 16 00-0316	LF 10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	131.68	11.03
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	10.41	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	20.82	
23 51 16 00-0317	LF 12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	170.14	12.11
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	13.99	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	27.99	
23 51 16 00-0318	LF 14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe.....	216.00	12.70
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	18.43	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	36.86	
23 51 16 00-0319	90 Degree Elbows <small>(23 51 16 00-0311)</small>		
23 51 16 00-0320	EA 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	150.93	17.68
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	10.67	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	21.33	
23 51 16 00-0321	EA 7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	166.84	18.92
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.95	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	23.89	
23 51 16 00-0322	EA 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	187.58	20.42
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	13.65	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	27.31	
23 51 16 00-0323	EA 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	232.84	22.16
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	17.75	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	35.50	
23 51 16 00-0324	EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	277.08	24.15
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	21.67	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	43.35	
23 51 16 00-0325	EA 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe	322.59	25.31
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	25.94	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	51.88	
23 51 16 00-0326	45 Degree Elbows <small>(23 51 16 00-0311)</small>		
23 51 16 00-0327	EA 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	124.27	17.68
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.00	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	16.00	
23 51 16 00-0328	EA 7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	136.98	18.92
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.96	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	17.92	
23 51 16 00-0329	EA 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	153.46	20.42
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	10.24	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	20.48	
23 51 16 00-0330	EA 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	188.47	22.16
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	13.31	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	26.62	
23 51 16 00-0331	EA 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	222.87	24.15
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	16.26	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	32.51	
23 51 16 00-0332	EA 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe	257.78	25.31
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	19.46	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	38.91	
23 51 16 00-0333	Tees With Tee Caps <small>(23 51 16 00-0311)</small>		
23 51 16 00-0334	EA 6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	245.60	17.68
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	20.14	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	40.28	
23 51 16 00-0335	EA 7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe.....	310.21	18.92
	<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	26.28	
	<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	52.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0336 EA 8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	347.98 29.70 59.39	20.42
23 51 16 00-0337 EA 10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	473.41 41.81 83.62	22.16
23 51 16 00-0338 EA 12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	649.08 58.88 117.76	24.15
23 51 16 00-0339 EA 14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe For 2" Insulated Wall Instead Of 1" Thickness, Add For 3" Insulated Wall Instead Of 1" Thickness, Add	831.14 76.80 153.59	25.31
23 51 16 00-0340 Joist Shields (23 51 16 00-0311)		
23 51 16 00-0341 EA 6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	105.68	17.68
23 51 16 00-0342 EA 7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	113.95	18.92
23 51 16 00-0343 EA 8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	132.95	20.42
23 51 16 00-0344 EA 10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	165.46	22.16
23 51 16 00-0345 EA 12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	197.71	24.15
23 51 16 00-0346 EA 14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	233.85	25.31
23 51 16 00-0347 Adjustable Roof Flashing (23 51 16 00-0311)		
23 51 16 00-0348 EA 6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	125.29	17.68
23 51 16 00-0349 EA 7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	139.54	18.92
23 51 16 00-0350 EA 8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	151.71	20.42
23 51 16 00-0351 EA 10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	184.21	22.16
23 51 16 00-0352 EA 12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	226.77	24.15
23 51 16 00-0353 EA 14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe	271.37	25.23
23 51 16 00-0354 Vent Top Caps (23 51 16 00-0311)		
23 51 16 00-0355 EA 6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	112.50	17.68
23 51 16 00-0356 EA 7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	140.39	18.92
23 51 16 00-0357 EA 8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	175.61	20.42
23 51 16 00-0358 EA 10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	278.96	22.16
23 51 16 00-0359 EA 12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	379.51	24.15
23 51 16 00-0360 EA 14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe	483.04	25.31
23 51 16 00-0361 Roof Support Assemblies (23 51 16 00-0311)		
23 51 16 00-0362 EA 6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	166.19	17.68
23 51 16 00-0363 EA 7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	184.76	18.92
23 51 16 00-0364 EA 8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	200.35	20.42
23 51 16 00-0365 EA 10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	251.57	22.16
23 51 16 00-0366 EA 12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	297.55	24.15
23 51 16 00-0367 EA 14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe	363.57	25.31
23 51 16 00-0368 Polyvinyl Chloride (PVC) Flue/Vent Accessories (23 51 16)		
23 51 16 00-0369 Concentric Polyvinyl Chloride (PVC) Vent Termination (23 51 16 00-0368)		
23 51 16 00-0370 EA 2" Concentric Polyvinyl Chloride (PVC) Vent Termination	141.25	33.80
23 51 16 00-0371 EA 3" Concentric Polyvinyl Chloride (PVC) Vent Termination	151.78	33.80
23 51 16 00-0372 Polypropylene (PP) Flue/Vent Pipe And Fittings (23 51 16)		
Note: Centrotherm InnoFlue® Vent System		
23 51 16 00-0373 Polypropylene Flue/Vent Rigid Pipe Sections (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374 EA 2" x 12" Polypropylene Flue/Vent Rigid Pipe Section	29.80	10.27
23 51 16 00-0375 EA 2" x 24" Polypropylene Flue/Vent Rigid Pipe Section	33.33	10.80
23 51 16 00-0376 EA 2" x 36" Polypropylene Flue/Vent Rigid Pipe Section	37.96	12.01
23 51 16 00-0377 EA 2" x 72" Polypropylene Flue/Vent Rigid Pipe Section	46.65	14.12
23 51 16 00-0378 EA 3" x 12" Polypropylene Flue/Vent Rigid Pipe Section	35.46	11.77
23 51 16 00-0379 EA 3" x 24" Polypropylene Flue/Vent Rigid Pipe Section	41.66	12.39
23 51 16 00-0380 EA 3" x 36" Polypropylene Flue/Vent Rigid Pipe Section	50.21	13.76
23 51 16 00-0381 EA 3" x 72" Polypropylene Flue/Vent Rigid Pipe Section	61.58	16.19
23 51 16 00-0382 EA 4" x 12" Polypropylene Flue/Vent Rigid Pipe Section	56.17	15.56
23 51 16 00-0383 EA 4" x 24" Polypropylene Flue/Vent Rigid Pipe Section	65.08	16.38
23 51 16 00-0384 EA 4" x 36" Polypropylene Flue/Vent Rigid Pipe Section	79.56	18.20
23 51 16 00-0385 EA 4" x 72" Polypropylene Flue/Vent Rigid Pipe Section	101.72	21.41
23 51 16 00-0386 EA 5" x 12" Polypropylene Flue/Vent Rigid Pipe Section	83.25	22.97
23 51 16 00-0387 EA 5" x 24" Polypropylene Flue/Vent Rigid Pipe Section	93.89	24.18
23 51 16 00-0388 EA 5" x 36" Polypropylene Flue/Vent Rigid Pipe Section	119.18	26.87
23 51 16 00-0389 EA 5" x 72" Polypropylene Flue/Vent Rigid Pipe Section	152.84	31.61
23 51 16 00-0390 Polypropylene Flue/Vent Elbows (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391 EA 2" Polypropylene Flue/Vent 15 Degree Elbow	36.71	12.47
23 51 16 00-0392 EA 3" Polypropylene Flue/Vent 15 Degree Elbow	42.01	13.13
23 51 16 00-0393 EA 4" Polypropylene Flue/Vent 15 Degree Elbow	50.70	13.61
23 51 16 00-0394 EA 5" Polypropylene Flue/Vent 15 Degree Elbow	57.84	14.17

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, And Stacks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow	36.71	12.47
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow	42.01	13.13
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow	50.70	13.61
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow	57.84	14.17
23 51 16 00-0399	EA	2" Polypropylene Flue/Vent 45 Degree Elbow	36.71	12.47
23 51 16 00-0400	EA	3" Polypropylene Flue/Vent 45 Degree Elbow	42.01	13.13
23 51 16 00-0401	EA	4" Polypropylene Flue/Vent 45 Degree Elbow	50.70	13.61
23 51 16 00-0402	EA	5" Polypropylene Flue/Vent 45 Degree Elbow	57.84	14.17
23 51 16 00-0403	EA	2" Polypropylene Flue/Vent 87 Degree Elbow	36.71	12.47
23 51 16 00-0404	EA	3" Polypropylene Flue/Vent 87 Degree Elbow	42.01	13.13
23 51 16 00-0405	EA	4" Polypropylene Flue/Vent 87 Degree Elbow	50.18	13.61
23 51 16 00-0406	EA	5" Polypropylene Flue/Vent 87 Degree Elbow	59.12	14.17
23 51 16 00-0407		Polypropylene Flue/Vent Tees (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA	2" Polypropylene Flue/Vent Tee	101.39	18.72
23 51 16 00-0409	EA	3" Polypropylene Flue/Vent Tee	124.97	19.70
23 51 16 00-0410	EA	4" Polypropylene Flue/Vent Tee	144.94	20.42
23 51 16 00-0411	EA	5" Polypropylene Flue/Vent Tee	157.90	21.24
23 51 16 00-0412		Polypropylene Flue/Vent Adaptors (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413	EA	2" Polypropylene Flue/Vent Adaptor With Gasket.....	41.77	12.47
23 51 16 00-0414	EA	3" Polypropylene Flue/Vent Adaptor With Gasket.....	56.74	13.13
23 51 16 00-0415	EA	4" Polypropylene Flue/Vent Adaptor With Gasket.....	64.96	13.61
23 51 16 00-0416	EA	5" Polypropylene Flue/Vent Adaptor With Gasket.....	85.72	14.17
23 51 16 00-0417		Polypropylene Flue/Vent Increases (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418	EA	2" to 3" Polypropylene Flue/Vent Centric Increaser	45.60	12.81
23 51 16 00-0419	EA	3" to 4" Polypropylene Flue/Vent Centric Increaser	49.52	13.37
23 51 16 00-0420	EA	4" to 5" Polypropylene Flue/Vent Centric Increaser	82.44	13.88
23 51 16 00-0421	EA	2" to 3" Polypropylene Flue/Vent Eccentric Increaser.....	58.58	12.81
23 51 16 00-0422	EA	3" to 4" Polypropylene Flue/Vent Eccentric Increaser.....	48.46	13.37
23 51 16 00-0423	EA	4" to 5" Polypropylene Flue/Vent Eccentric Increaser.....	110.16	13.88
23 51 16 00-0424		Polypropylene Flue/Vent Reducers (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425	EA	3" to 2" Polypropylene Flue/Vent Reducer	45.60	12.81
23 51 16 00-0426	EA	4" to 3" Polypropylene Flue/Vent Reducer	49.52	13.37
23 51 16 00-0427	EA	5" to 4" Polypropylene Flue/Vent Reducer	99.72	13.88
23 51 16 00-0428		Polypropylene Flue/Vent Test Ports (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429	EA	2" Polypropylene Flue/Vent Test Port	59.46	18.72
23 51 16 00-0430	EA	3" Polypropylene Flue/Vent Test Port	65.86	19.70
23 51 16 00-0431	EA	4" Polypropylene Flue/Vent Test Port	94.44	20.42
23 51 16 00-0432	EA	5" Polypropylene Flue/Vent Test Port	100.48	21.24
23 51 16 00-0433		Polypropylene Flue/Vent Cascade Components (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434	EA	4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	147.27	20.42
23 51 16 00-0435	EA	4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	192.08	25.52
23 51 16 00-0436	EA	5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	124.05	21.24
23 51 16 00-0437	EA	5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	180.54	26.56
23 51 16 00-0438	EA	3" to 4" Polypropylene Flue/Vent Non-Return Valve.....	179.67	13.37
23 51 16 00-0439	EA	4" to 4" Polypropylene Flue/Vent Non-Return Valve.....	206.97	13.88
23 51 16 00-0440		Polypropylene Flue/Vent Condensate Management (23 51 16 00-0372)		
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441	EA	2" Polypropylene Flue/Vent Horizontal Drain Tee.....	76.99	18.72
23 51 16 00-0442	EA	3" Polypropylene Flue/Vent Horizontal Drain Tee	91.14	19.70
23 51 16 00-0443	EA	4" Polypropylene Flue/Vent Horizontal Drain Tee	102.98	20.42
23 51 16 00-0444	EA	5" Polypropylene Flue/Vent Horizontal Drain Tee	116.17	21.24
23 51 16 00-0445	EA	4" Polypropylene Flue/Vent Horizontal Drain Fittings	126.70	20.42
23 51 16 00-0446	EA	5" Polypropylene Flue/Vent Horizontal Drain Fittings	138.86	21.24
23 51 16 00-0447	EA	2" Polypropylene Flue/Vent Tee Cap	41.39	6.24
23 51 16 00-0448	EA	3" Polypropylene Flue/Vent Tee Cap	52.19	6.56
23 51 16 00-0449	EA	4" Polypropylene Flue/Vent Tee Cap	61.37	6.81
23 51 16 00-0450	EA	5" Polypropylene Flue/Vent Tee Cap	78.97	7.08
23 51 16 00-0451	EA	2" Polypropylene Flue/Vent Tee Cap With Drain	84.57	18.72
23 51 16 00-0452	EA	3" Polypropylene Flue/Vent Tee Cap With Drain	101.66	19.70
23 51 16 00-0453	EA	4" Polypropylene Flue/Vent Tee Cap With Drain	116.03	20.42
23 51 16 00-0454	EA	5" Polypropylene Flue/Vent Tee Cap With Drain	137.61	21.24
23 51 16 00-0455		Polypropylene Flue/Vent Terminations (23 51 16 00-0372)		
23 51 16 00-0456	EA	2" Polypropylene-UV Black Flue/Vent Chimney Cover.....	102.17	12.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0457	EA		3" Polypropylene-UV Black Flue/Vent Chimney Cover.....	91.53	13.13
23 51 16 00-0458	EA		4" Polypropylene-UV Black Flue/Vent Chimney Cover.....	112.68	13.61
23 51 16 00-0459	EA		3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe.....	220.54	13.13
23 51 16 00-0460	EA		4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe.....	235.21	13.61
23 51 16 00-0461	EA		5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe.....	273.45	14.17
23 51 16 00-0462	EA		2 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	63.69	12.47
23 51 16 00-0463	EA		2 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	66.94	12.47
23 51 16 00-0464	EA		2 1/2" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	70.19	12.47
23 51 16 00-0465	EA		2 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	73.44	12.47
23 51 16 00-0466	EA		3 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	68.58	13.13
23 51 16 00-0467	EA		3 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	71.83	13.13
23 51 16 00-0468	EA		3 1/2" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	75.08	13.13
23 51 16 00-0469	EA		3 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	78.33	13.13
23 51 16 00-0470	EA		4 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	76.27	13.61
23 51 16 00-0471	EA		4 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	79.52	13.61
23 51 16 00-0472	EA		4 7/8" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar.....	82.77	13.61
23 51 16 00-0473	EA		2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination.....	66.91	12.47
23 51 16 00-0474	EA		3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination.....	83.85	13.13
23 51 16 00-0475	EA		2" Polypropylene-UV Black Flue/Vent Termination Tee.....	80.51	18.72
23 51 16 00-0476	EA		3" Polypropylene-UV Black Flue/Vent Termination Tee.....	102.80	19.70
23 51 16 00-0477	EA		4" Polypropylene-UV Black Flue/Vent Termination Tee.....	119.66	20.42
23 51 16 00-0478	EA		5" Polypropylene-UV Black Flue/Vent Termination Tee.....	131.03	21.24
23 51 16 00-0479	EA		2" x 20" Polypropylene-UV Black Flue/Vent End Pipe.....	31.36	10.80
23 51 16 00-0480	EA		2" x 39" Polypropylene-UV Black Flue/Vent End Pipe.....	36.92	12.01
23 51 16 00-0481	EA		3" x 20" Polypropylene-UV Black Flue/Vent End Pipe.....	37.33	12.39
23 51 16 00-0482	EA		3" x 39" Polypropylene-UV Black Flue/Vent End Pipe.....	45.53	13.76
23 51 16 00-0483	EA		4" x 20" Polypropylene-UV Black Flue/Vent End Pipe.....	54.85	16.38
23 51 16 00-0484	EA		5" x 20" Polypropylene-UV Black Flue/Vent End Pipe.....	76.73	24.18
23 51 16 00-0485	EA		5" x 39" Polypropylene-UV Black Flue/Vent End Pipe.....	91.40	26.87
23 51 16 00-0486	EA		2" x 24" Polypropylene-UV Black Flue/Vent Vent Length.....	33.97	10.80
23 51 16 00-0487	EA		3" x 24" Polypropylene-UV Black Flue/Vent Vent Length.....	42.73	12.39
23 51 16 00-0488	EA		4" x 24" Polypropylene-UV Black Flue/Vent Vent Length.....	67.49	16.38
23 51 16 00-0489	EA		2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow.....	37.74	12.47
23 51 16 00-0490	EA		3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow.....	43.31	13.13
23 51 16 00-0491	EA		4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow.....	52.36	13.61
23 51 16 00-0492	EA		2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow.....	37.25	12.47
23 51 16 00-0493	EA		3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow.....	42.99	13.13
23 51 16 00-0494	EA		4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow.....	51.79	13.61
23 51 16 00-0495	EA		2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent.....	23.08	6.24
23 51 16 00-0496	EA		3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent.....	26.45	6.56
23 51 16 00-0497	EA		4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent.....	29.29	6.81
23 51 16 00-0498	EA		3" Stainless Steel Bird Screen For Polypropylene Flue/Vent.....	53.08	6.56
23 51 16 00-0499	EA		5" Stainless Steel Bird Screen For Polypropylene Flue/Vent.....	60.71	7.08
23 51 16 00-0500			Polypropylene Flue/Vent Accessories (23 51 16 00-0372)		
23 51 16 00-0501	EA		2" Spacer For Polypropylene Flue/Vent.....	11.73	3.12
23 51 16 00-0502	EA		3" Spacer For Polypropylene Flue/Vent.....	11.37	3.28
23 51 16 00-0503	EA		4" Spacer For Polypropylene Flue/Vent.....	11.73	3.40
23 51 16 00-0504	EA		5" Spacer For Polypropylene Flue/Vent.....	17.35	3.54
23 51 16 00-0505	EA		2" Flue Clamp For Polypropylene Flue/Vent.....	21.38	4.68
23 51 16 00-0506	EA		3" Flue Clamp For Polypropylene Flue/Vent.....	24.76	4.92
23 51 16 00-0507	EA		4" Flue Clamp For Polypropylene Flue/Vent.....	28.36	5.10
23 51 16 00-0508	EA		2" Support Clamp For Polypropylene Flue/Vent.....	20.48	4.68
23 51 16 00-0509	EA		4" Support Clamp For Polypropylene Flue/Vent.....	20.71	5.10
23 51 16 00-0510	EA		5" Support Clamp For Polypropylene Flue/Vent.....	24.67	5.32
23 51 16 00-0511	EA		3" Plastic Support Clamp For Polypropylene Flue/Vent.....	16.47	4.92
23 51 16 00-0512	EA		2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent.....	34.47	12.47
23 51 16 00-0513	EA		3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent.....	37.61	13.13
23 51 16 00-0514	EA		4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent.....	40.16	13.61
23 51 16 00-0515	EA		5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent.....	44.22	14.17
23 51 16 00-0516	EA		2" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	2.09	
23 51 16 00-0517	EA		3" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	2.33	
23 51 16 00-0518	EA		4" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	3.16	
23 51 16 00-0519	EA		5" Single Wall EDPM Gasket For Polypropylene Flue/Vent.....	5.22	
23 51 16 00-0520	EA		2" Connector Ring For Polypropylene Flue/Vent.....	10.04	3.12
23 51 16 00-0521	EA		3" Connector Ring For Polypropylene Flue/Vent.....	11.21	3.28
23 51 16 00-0522	EA		4" Connector Ring For Polypropylene Flue/Vent.....	11.99	3.40
23 51 16 00-0523	EA		5" Connector Ring For Polypropylene Flue/Vent.....	13.11	3.54
23 51 16 00-0524	EA		2 1/4" Polypropylene Flue/Vent Air Intake, White.....	44.65	6.24
23 51 16 00-0525	EA		3 7/8" Polypropylene Flue/Vent Air Intake, White.....	45.87	6.56
23 51 16 00-0526	EA		4 7/8" Polypropylene Flue/Vent Air Intake, White.....	35.26	6.81
23 51 16 00-0527	EA		2" Base Support For Polypropylene Flue/Vent.....	38.36	4.68
23 51 16 00-0528	EA		3" Base Support For Polypropylene Flue/Vent.....	39.62	4.92
23 51 16 00-0529	EA		4" Base Support For Polypropylene Flue/Vent.....	52.29	5.10
23 51 16 00-0530	EA		5" Base Support For Polypropylene Flue/Vent.....	86.57	5.32
23 51 16 00-0531			Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)		
23 51 16 00-0532	LF		2", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	7.08	1.10
23 51 16 00-0533	LF		2", > 50', Polypropylene Flue/Vent Flex Pipe.....	6.21	1.10
23 51 16 00-0534	LF		3", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	8.66	1.30
23 51 16 00-0535	LF		3", > 50', Polypropylene Flue/Vent Flex Pipe.....	7.57	1.30
23 51 16 00-0536	LF		4", Up To 50', Polypropylene Flue/Vent Flex Pipe.....	12.34	1.59
23 51 16 00-0537	LF		4", > 50', Polypropylene Flue/Vent Flex Pipe.....	10.67	1.59

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 51 Breechings, Chimneys, And Stacks

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

Table with columns for item ID, description, and cost. Section: 23 51 16 00-0538 Polypropylene Flue/Vent Couplers. Includes sub-items for various sizes and types of couplers.

Table with columns for item ID, description, and cost. Section: 23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations. Includes sub-items for different pipe termination types.

23 52 Heating Boilers (23 50)

23 52 13 Electric Boilers (23 52)

Table with columns for item ID, description, and cost. Section: 23 52 13 00-0001 Packaged Electric Steam Boiler. Includes a long list of sub-items for various boiler capacities and configurations.

Table with columns for item ID, description, and cost. Section: 23 52 13 00-0036 Packaged Electric Hot Water Boiler. Includes a long list of sub-items for various boiler capacities and configurations.

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls.....	34,292.06	1,557.59
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls.....	35,951.66	1,598.58
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls.....	38,347.48	1,639.57
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls.....	40,705.10	1,721.54
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls.....	43,109.10	1,721.54
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls.....	47,398.07	1,762.53
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls.....	49,808.93	1,803.53
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls.....	52,301.76	1,885.50
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls.....	54,712.61	1,926.49
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls.....	57,123.46	1,967.48
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls.....	58,871.90	2,090.44
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls.....	62,122.84	2,213.42
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls.....	73,487.26	2,336.38
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls.....	80,945.20	2,459.36
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls.....	84,715.16	2,541.33
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls.....	88,799.33	2,705.28
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls.....	92,883.49	2,869.25
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls.....	104,029.40	3,033.20
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls.....	110,968.32	3,197.16
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls.....	113,987.02	3,279.13
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls.....	117,005.73	3,361.11
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls.....	117,251.66	3,484.08
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls.....	133,943.12	3,566.06
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls.....	143,204.06	3,689.02
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls.....	161,124.92	3,934.96
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls.....	173,964.68	4,344.85
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls.....	192,978.45	4,836.73
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls.....	201,474.69	5,328.59

23 52 16 Condensing Boilers (23 52)

23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)

23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)
 Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79).....	9,782.06	311.37
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129).....	9,181.37	411.01
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179).....	9,793.08	462.39
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1).....	10,458.91	513.76
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299).....	13,540.73	513.76
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399).....	15,850.71	622.75
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599).....	21,249.14	667.89
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798).....	29,742.62	822.02
Note: Includes vent manifold.				
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998).....	36,365.05	899.08
Note: Includes vent manifold.				
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499).....	52,485.25	1,053.21
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999).....	57,836.73	1,130.27

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145).....	26,835.74	667.89
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185).....	27,987.70	667.89
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240).....	31,353.83	822.02
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310).....	33,969.11	924.77
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400).....	37,208.66	976.14
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510).....	43,189.99	1,053.21
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640).....	51,615.19	1,130.27

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes Riello burners.

23 52 16 13-0022	EA	2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790).....	54,488.59	1,233.03
23 52 16 13-0023	EA	3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970).....	63,102.96	1,284.40
23 52 16 13-0024	EA	4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200).....	73,131.66	1,361.47

23 52 16 13-0025 Lochinvar Knight Stainless Steel Condensing Boilers (23 52 16 13)

23 52 16 13-0026	EA	165 MBH 95.7% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211).....	6,279.27	462.39
23 52 16 13-0027	EA	226 MBH 96% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN286).....	8,149.85	513.76

23 52 16 13-0028 Lochinvar Knight XL Stainless Steel Condensing Boilers (23 52 16 13)

23 52 16 13-0029	EA	324 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN400).....	10,726.09	616.51
23 52 16 13-0030	EA	406 MBH 93.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN501).....	13,214.21	622.75
23 52 16 13-0031	EA	493 MBH 94.6% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN601).....	15,490.55	667.89
23 52 16 13-0032	EA	574 MBH 94.3% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN701).....	17,703.76	667.89

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

		MINOR	TOTAL DIRECT DEMOLITION	
		CSI UOM DESCRIPTION	UNIT COST	UNIT COST
23 52 16 13-0033	EA	654 MBH 94% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBN801).....	20,367.45	744.96
23 52 16 13-0034		Lochinvar SYNC Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>		
23 52 16 13-0035	EA	941 MBH 94.1% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1000).....	27,829.58	899.08
23 52 16 13-0036	EA	1,240 MBH 95.4% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1300).....	31,665.42	976.14
23 52 16 13-0037	EA	1,443 MBH 96.2% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar SYNC SBN1500).....	34,010.73	1,053.21
23 52 16 13-0038		Lochinvar Crest Stainless Steel Condensing Boilers <small>(23 52 16 13)</small>		
23 52 16 13-0039	EA	1,380 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1500).....	33,686.86	976.14
23 52 16 13-0040	EA	1,840 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2000).....	40,292.08	1,078.90
23 52 16 13-0041	EA	2,300 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2500).....	52,450.72	1,181.65
23 52 16 13-0042	EA	2,760 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3000).....	57,789.60	1,243.92
23 52 16 13-0043	EA	3,220 MBH 92% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3500).....	68,526.18	1,243.92
23 52 16 13-0044		Laars Neotherm Stainless Steel Condensing Boiler <small>(23 52 16 13)</small>		
Note: Compliant with SCAQMD.				
23 52 16 13-0045	EA	80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080).....	5,861.32	308.26
23 52 16 13-0046	EA	105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105).....	6,623.82	333.94
23 52 16 13-0047	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150).....	7,594.62	462.39
23 52 16 13-0048	EA	210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210).....	8,458.11	513.76
23 52 16 13-0049	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285).....	10,697.17	513.76
23 52 16 13-0050	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399).....	13,480.05	616.51
23 52 16 13-0051	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500).....	17,328.25	667.89
23 52 16 13-0052	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600).....	18,461.98	667.89
23 52 16 13-0053	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750).....	20,114.27	770.64
23 52 16 13-0054	EA	850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850).....	21,731.84	873.40
23 52 16 13-0055	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000).....	31,205.59	924.77
23 52 16 13-0056	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700).....	41,492.37	1,078.90
23 52 16 13-0057	EA	150 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV150).....	8,140.45	462.39
23 52 16 13-0058	EA	199 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV199).....	9,596.04	513.76
23 52 16 13-0059	EA	285 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV285).....	12,182.18	513.76
23 52 16 13-0060	EA	399 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV399).....	14,852.52	616.51
23 52 16 13-0061	EA	500 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV500).....	18,546.12	667.89
23 52 16 13-0062	EA	600 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV600).....	19,177.14	667.89
23 52 16 13-0063	EA	750 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV750).....	21,192.26	770.64
23 52 16 13-0064	EA	800 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV800).....	22,739.34	822.02
23 52 16 13-0065	EA	1,000 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1000).....	31,205.59	924.77
23 52 16 13-0066	EA	1,700 MBH, Gas Fired, Stainless Steel, Condensing Domestic Boiler (Laars Neotherm NTV1700).....	41,492.37	1,078.90
23 52 16 13-0067		AERCO Benchmark Stainless-Steel Condensing Boilers <small>(23 52 16 13)</small>		
23 52 16 13-0068	EA	1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN).....	30,894.12	1,053.21
Note: Includes gas PRV and pump delay relay.				
23 52 16 13-0069	EA	2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN).....	36,621.49	1,130.27
Note: Includes gas PRV and pump delay relay.				
23 52 16 13-0070	EA	3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000).....	52,455.43	1,243.92
Note: Includes gas PRV and pump delay relay.				
23 52 16 13-0071	EA	3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000).....	55,867.54	1,243.92
Note: Includes gas PRV and pump delay relay.				
23 52 16 16		Aluminum Condensing Boilers <small>(23 52 16)</small>		
23 52 16 16-0001		Weil McLain Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
23 52 16 16-0002	EA	80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	4,727.31	311.37
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0003	EA	105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	5,150.51	333.94
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0004	EA	155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	6,000.20	462.39
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0005	EA	230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	6,731.49	513.76
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0006	EA	310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	8,613.98	616.51
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.				
23 52 16 16-0007		Patterson Kelly Mach Series Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
23 52 16 16-0008	EA	300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C300).....	13,576.73	513.76
23 52 16 16-0009	EA	450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C450).....	15,448.83	622.75
23 52 16 16-0010	EA	750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C750).....	17,497.64	778.43
23 52 16 16-0011	EA	900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C900).....	25,924.97	873.40
23 52 16 16-0012	EA	1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1050).....	27,081.88	924.77
23 52 16 16-0013	EA	1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C1500).....	42,019.26	1,053.21
23 52 16 16-0014	EA	2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2000).....	45,501.48	1,130.27
23 52 16 16-0015	EA	2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C2500).....	52,674.14	1,233.03
23 52 16 16-0016	EA	3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C3000).....	65,139.94	1,233.03
23 52 16 16-0017	EA	4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelly Mach C4000).....	79,691.36	1,361.47

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

23 52 16 16-0018			Buderus GB142 Wall Hung Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
			Note: Includes standard controls.		
23 52 16 16-0019	EA		75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24).....	5,749.28	311.37
			Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0020	EA		95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30).....	6,597.65	333.94
			Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0021	EA		143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45).....	7,599.15	411.01
			Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0022	EA		193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60).....	8,472.42	513.76
			Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0023	EA		Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46).....	261.92	77.84
23 52 16 16-0024	EA		Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3).....	350.23	77.84
23 52 16 16-0025	EA		Optional GB Floor Stand For GB142 (Buderus 7098265).....	775.18	77.84
23 52 16 16-0026			Buderus GB162 Wall Hung Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
			Note: Includes standard controls.		
23 52 16 16-0027	EA		290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80).....	7,768.67	513.76
			Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0028	EA		333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100).....	9,709.37	616.51
			Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0029	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2).....	19,062.68	732.11
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0030	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2).....	17,817.37	732.11
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0031	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2).....	22,671.61	744.96
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0032	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2).....	21,426.31	744.96
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0033	EA		870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3).....	26,357.83	873.40
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0034	EA		999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3).....	31,868.55	924.77
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0035	EA		1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4).....	32,753.99	976.14
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0036	EA		1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4).....	33,252.74	976.14
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0037	EA		1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4).....	39,894.02	976.14
			Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0038	EA		1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4).....	40,392.77	976.14
			Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0039	EA		EMS Control Module For Condensing Boiler (Buderus RC35).....	533.54	77.84
23 52 16 16-0040			Buderus GB312 Aluminum Condensing Boilers <small>(23 52 16 16)</small>		
			Note: Includes standard controls.		
23 52 16 16-0041	EA		305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90).....	15,354.71	513.76
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0042	EA		409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120).....	17,061.24	622.75
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0043	EA		544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160).....	20,224.80	667.89
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0044	EA		676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200).....	23,325.41	744.96
			Note: Includes an aluminum heat exchanger.		
23 52 16 16-0045	EA		810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240).....	27,961.96	822.02
			Note: Includes an aluminum heat exchanger.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 52 16 16-0046	EA	944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280) Note: Includes an aluminum heat exchanger.	30,883.39	899.08
23 52 16 16-0047	EA	Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985).....	461.82	38.92
23 52 16 16-0048	EA	Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125).....	218.63	38.92
23 52 16 16-0049	EA	Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550).....	317.19	38.92
23 52 16 16-0050	EA	Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	683.26	38.92

23 52 16 19 Copper Water-Tube Condensing Boilers (23 52 16)

23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers (23 52 16 19)

23 52 16 19-0002	EA	1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	31,652.87	976.14
23 52 16 19-0003	EA	1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	35,688.70	1,078.90
23 52 16 19-0004	EA	2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	39,052.08	1,130.27
23 52 16 19-0005	EA	2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	42,297.31	1,233.03

23 52 16 23 Cast Iron Condensing Boilers (23 52 16)

23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers (23 52 16 23)

23 52 16 23-0002	EA	199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2).....	10,764.48	513.76
23 52 16 23-0003	EA	399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4).....	15,625.52	622.75
23 52 16 23-0004	EA	600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6).....	25,481.03	667.89
23 52 16 23-0005	EA	1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10).....	33,647.64	924.77
23 52 16 23-0006	EA	1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16).....	44,827.32	1,078.90
23 52 16 23-0007	EA	1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20).....	48,890.06	1,130.27
23 52 16 23-0008	EA	2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26).....	62,186.77	1,233.03
23 52 16 23-0009	EA	3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30).....	67,878.57	1,233.03

23 52 23 Cast-Iron Boilers (23 52)

23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler (23 52 23)

Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.

23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0003	EA	208 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	13,318.70	2,670.13
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	14,534.58	2,848.15
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,863.01	3,026.16
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,100.15	3,204.16
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,244.61	3,382.17
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,801.95	3,560.19
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,011.29	3,738.19
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,976.62	3,916.20
23 52 23 00-0011	EA	922 MBH Steam, 1069 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,938.47	4,094.21
23 52 23 00-0012	EA	1,018 MBH Steam, 1172 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,045.23	4,272.22

23 52 23 00-0013 Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

23 52 23 00-0014	EA	208 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	9,029.15	327.91
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	10,044.50	327.91
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	11,502.22	409.89
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	12,537.52	409.89
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	13,811.48	491.88
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	15,180.68	491.88
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	16,517.64	573.85
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	17,611.01	655.83
23 52 23 00-0022	EA	922 MBH Steam, 1069 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	18,374.36	655.83
23 52 23 00-0023	EA	1,018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 80. Fire tested factory assembled package unit.	19,607.37	737.80

23 52 23 00-0024 Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0025	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	13,911.95	2,670.13
------------------	----	---	-----------	----------

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

23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	15,233.88	2,848.15
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	16,498.26	3,026.16
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	17,907.60	3,204.16
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,074.11	3,382.17
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	20,765.85	3,560.19
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,838.69	3,738.19
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	22,882.77	3,916.20
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,845.67	4,094.21
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	24,980.78	4,272.22
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler (23 52 23 00-0001)		
23 52 23 00-0036	EA	208 MBH Steam, 242 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	9,622.40	327.91
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	10,743.80	327.91
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	12,137.47	409.89
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	13,344.97	409.89
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	14,640.98	491.88
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	16,144.58	491.88
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	17,345.04	573.85
23 52 23 00-0043	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	18,517.16	655.83
23 52 23 00-0044	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	19,281.56	655.83
23 52 23 00-0045	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Package CI Boiler Note: Weil-McLain Model 80. Fire tested factory assembled package cast iron unit.	20,542.92	737.80
23 52 23 00-0046		Weil-McLain Model 88 Cast Iron Boiler (23 52 23) Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047		Gas Fired Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046) Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048	EA	608 MBH Steam, 704 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	21,497.05	4,005.21
23 52 23 00-0049	EA	813 MBH Steam, 943 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	23,697.04	4,249.97
23 52 23 00-0050	EA	1,028 MBH Steam, 1,161 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	26,411.60	4,494.73
23 52 23 00-0051	EA	1,254 MBH Steam, 1,419 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	28,807.62	4,739.50
23 52 23 00-0052	EA	1,477 MBH Steam, 1,656 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	30,895.64	4,984.25
23 52 23 00-0053	EA	1,688 MBH Steam, 1,892 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	33,905.41	5,229.01
23 52 23 00-0054	EA	1,904 MBH Steam, 2,132 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	36,012.68	5,473.78
23 52 23 00-0055	EA	2,116 MBH Steam, 2,369 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	37,881.13	5,718.54
23 52 23 00-0056	EA	2,329 MBH Steam, 2,609 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	40,363.49	5,963.30
23 52 23 00-0057	EA	2,539 MBH Steam, 2,843 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	42,367.15	6,208.07
23 52 23 00-0058	EA	2,756 MBH Steam, 3,087 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	45,731.02	6,452.83
23 52 23 00-0059	EA	2,966 MBH Steam, 3,322 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,639.25	6,697.59
23 52 23 00-0060	EA	3,175 MBH Steam, 3,557 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	49,660.99	6,942.36
23 52 23 00-0061	EA	3,383 MBH Steam, 3,800 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	51,909.68	7,187.12
23 52 23 00-0062	EA	3,602 MBH Steam, 4,035 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	53,745.92	7,431.88
23 52 23 00-0063		Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)		
23 52 23 00-0064	EA	608 MBH Steam, 704 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	16,532.34	573.85
23 52 23 00-0065	EA	813 MBH Steam, 943 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	18,750.26	655.83
23 52 23 00-0066	EA	1,028 MBH Steam, 1,161 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	21,495.27	737.80

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 52 Heating Boilers

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 23 00-0067	EA	1,254 MBH Steam, 1,419 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	23,899.03	819.79
23 52 23 00-0068	EA	1,477 MBH Steam, 1,656 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	25,675.63	819.79
23 52 23 00-0069	EA	1,688 MBH Steam, 1,892 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	28,706.24	901.76
23 52 23 00-0070	EA	1,904 MBH Steam, 2,132 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	30,504.89	901.76
23 52 23 00-0071	EA	2,116 MBH Steam, 2,369 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	32,391.01	983.74
23 52 23 00-0072	EA	2,329 MBH Steam, 2,609 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	34,565.56	983.74
23 52 23 00-0073	EA	2,539 MBH Steam, 2,843 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	36,587.15	1,065.72
23 52 23 00-0074	EA	2,756 MBH Steam, 3,087 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	38,544.65	1,147.70
23 52 23 00-0075	EA	2,966 MBH Steam, 3,322 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	40,144.85	1,147.70
23 52 23 00-0076	EA	3,175 MBH Steam, 3,557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	42,185.30	1,229.68
23 52 23 00-0077	EA	3,383 MBH Steam, 3,800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	44,124.65	1,229.68
23 52 23 00-0078	EA	3,602 MBH Steam, 4,035 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package unit.	46,001.28	1,311.65

23 52 23 00-0079 Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)

Note: Field assembled boilers can only be used in situations where package units cannot be installed.

23 52 23 00-0080	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	22,227.85	4,005.21
23 52 23 00-0081	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	24,423.64	4,249.97
23 52 23 00-0082	EA	1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	27,327.20	4,494.73
23 52 23 00-0083	EA	1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	29,815.62	4,739.50
23 52 23 00-0084	EA	1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	31,800.74	4,984.25
23 52 23 00-0085	EA	1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	34,753.81	5,229.01
23 52 23 00-0086	EA	1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	37,286.33	5,473.78
23 52 23 00-0087	EA	2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	39,154.78	5,718.54
23 52 23 00-0088	EA	2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	41,611.94	5,963.30
23 52 23 00-0089	EA	2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	44,152.15	6,208.07
23 52 23 00-0090	EA	2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	47,606.32	6,452.83
23 52 23 00-0091	EA	2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	50,145.60	6,697.59
23 52 23 00-0092	EA	3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	51,535.24	6,942.36
23 52 23 00-0093	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	53,727.23	7,187.12
23 52 23 00-0094	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 88. Includes field assembly of individual sections and testing.	55,583.42	7,431.88

23 52 23 00-0095 Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler (23 52 23 00-0046)

23 52 23 00-0096	EA	608 MBH Steam, 704 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	17,263.14	573.85
23 52 23 00-0097	EA	813 MBH Steam, 943 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	19,476.86	655.83
23 52 23 00-0098	EA	1,028 MBH Steam, 1,161 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	22,400.37	737.80
23 52 23 00-0099	EA	1,254 MBH Steam, 1,419 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	24,907.03	819.79
23 52 23 00-0100	EA	1,477 MBH Steam, 1,656 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	26,582.83	819.79
23 52 23 00-0101	EA	1,688 MBH Steam, 1,892 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	29,554.64	901.76
23 52 23 00-0102	EA	1,904 MBH Steam, 2,132 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	31,778.54	901.76
23 52 23 00-0103	EA	2,116 MBH Steam, 2,369 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	33,664.66	983.74
23 52 23 00-0104	EA	2,329 MBH Steam, 2,609 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	35,814.01	983.74
23 52 23 00-0105	EA	2,539 MBH Steam, 2,843 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,377.40	1,065.72
23 52 23 00-0106	EA	2,756 MBH Steam, 3,087 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	40,419.95	1,147.70
23 52 23 00-0107	EA	2,966 MBH Steam, 3,322 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	41,601.20	1,147.70
23 52 23 00-0108	EA	3,175 MBH Steam, 3,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	44,059.55	1,229.68

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-109	EA	3,383 MBH Steam, 3,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	45,942.20	1,229.68
23 52 23 00-110	EA	3,602 MBH Steam, 4,035 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	47,817.78	1,311.65
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	57,948.50	7,787.90
23 52 23 00-0114	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	62,787.74	8,232.92
23 52 23 00-0115	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	67,211.88	8,677.95
23 52 23 00-0116	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	71,544.57	9,122.97
23 52 23 00-0117	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	75,917.32	9,567.99
23 52 23 00-0118	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	81,574.44	10,013.01
23 52 23 00-0119	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	85,697.47	10,458.04
23 52 23 00-0120	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	89,688.63	10,903.06
23 52 23 00-0121	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	96,152.31	11,348.08
23 52 23 00-0122	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	100,141.19	11,793.10
23 52 23 00-0123	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	103,570.19	12,238.13
23 52 23 00-0124	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	109,810.37	12,683.15
23 52 23 00-0125	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,831.91	13,128.17
23 52 23 00-0126	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	120,214.64	13,573.19
23 52 23 00-0127	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	124,445.35	14,018.22
23 52 23 00-0128	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,069.95	14,463.24
23 52 23 00-0129	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	133,049.21	14,908.27
23 52 23 00-0130	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Cast Iron Boiler..... Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	137,141.37	15,353.29
23 52 23 00-0131		Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
23 52 23 00-0132	EA	1,575 MBH Steam, 1,763 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	50,793.65	1,065.72
23 52 23 00-0133	EA	1,801 MBH Steam, 2,017 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	55,402.40	1,147.70
23 52 23 00-0134	EA	2,028 MBH Steam, 2,271 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	59,593.25	1,229.68
23 52 23 00-0135	EA	2,255 MBH Steam, 2,525 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	63,695.88	1,311.65
23 52 23 00-0136	EA	2,477 MBH Steam, 2,774 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	67,507.38	1,311.65
23 52 23 00-0137	EA	2,702 MBH Steam, 3,026 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	71,511.42	1,393.63
23 52 23 00-0138	EA	2,927 MBH Steam, 3,278 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	75,074.07	1,393.63
23 52 23 00-0139	EA	3,160 MBH Steam, 3,539 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	78,833.34	1,475.62
23 52 23 00-0140	EA	3,385 MBH Steam, 3,791 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	84,737.49	1,475.62
23 52 23 00-0141	EA	3,610 MBH Steam, 4,043 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	88,495.71	1,557.59
23 52 23 00-0142	EA	3,835 MBH Steam, 4,296 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	91,364.31	1,557.59
23 52 23 00-0143	EA	4,061 MBH Steam, 4,548 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	97,374.87	1,639.57
23 52 23 00-0144	EA	4,286 MBH Steam, 4,800 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	100,835.67	1,639.57
23 52 23 00-0145	EA	4,511 MBH Steam, 5,052 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	107,005.84	1,721.54
23 52 23 00-0146	EA	4,736 MBH Steam, 5,304 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	110,656.69	1,721.54
23 52 23 00-0147	EA	4,961 MBH Steam, 5,557 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	115,048.10	1,803.53
23 52 23 00-0148	EA	5,186 MBH Steam, 5,809 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	118,467.95	1,803.53
23 52 23 00-0149	EA	5,411 MBH Steam, 6,061 MBH Water Gas Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,328.02	1,885.50

23 Heating, Ventilating, And Air-Conditioning (HVAC)
23 50 Central Heating Equipment
23 52 Heating Boilers

 MINOR
 CSI UOM DESCRIPTION

23 52 23 00-0150		Oil Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	54,815.30	7,787.90
23 52 23 00-0152	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	59,654.54	8,232.92
23 52 23 00-0153	EA	2,028 MBH Steam, 2,271 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	65,529.78	8,677.95
23 52 23 00-0154	EA	2,255 MBH Steam, 2,525 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	69,483.42	9,122.97
23 52 23 00-0155	EA	2,477 MBH Steam, 2,774 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	73,597.87	9,567.99
23 52 23 00-0156	EA	2,702 MBH Steam, 3,026 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	78,966.24	10,013.01
23 52 23 00-0157	EA	2,927 MBH Steam, 3,278 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	83,284.57	10,458.04
23 52 23 00-0158	EA	3,160 MBH Steam, 3,539 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	87,277.83	10,903.06
23 52 23 00-0159	EA	3,385 MBH Steam, 3,791 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	94,491.21	11,348.08
23 52 23 00-0160	EA	3,610 MBH Steam, 4,043 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	98,481.14	11,793.10
23 52 23 00-0161	EA	3,835 MBH Steam, 4,296 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	102,469.79	12,238.13
23 52 23 00-0162	EA	4,061 MBH Steam, 4,548 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	109,817.72	12,683.15
23 52 23 00-0163	EA	4,286 MBH Steam, 4,800 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	113,839.26	13,128.17
23 52 23 00-0164	EA	4,511 MBH Steam, 5,052 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	120,391.04	13,573.19
23 52 23 00-0165	EA	4,736 MBH Steam, 5,304 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	124,620.70	14,018.22
23 52 23 00-0166	EA	4,961 MBH Steam, 5,557 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	129,155.00	14,463.24
23 52 23 00-0167	EA	5,186 MBH Steam, 5,809 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	133,134.26	14,908.27
23 52 23 00-0168	EA	5,411 MBH Steam, 6,061 MBH Water Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	137,232.72	15,353.29
23 52 23 00-0169		Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
23 52 23 00-0170	EA	1,575 MBH Steam, 1,763 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	47,490.35	1,065.72
23 52 23 00-0171	EA	1,801 MBH Steam, 2,017 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	52,099.10	1,147.70
23 52 23 00-0172	EA	2,028 MBH Steam, 2,271 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	57,741.05	1,229.68
23 52 23 00-0173	EA	2,255 MBH Steam, 2,525 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	61,464.63	1,311.65
23 52 23 00-0174	EA	2,477 MBH Steam, 2,774 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,017.83	1,311.65
23 52 23 00-0175	EA	2,702 MBH Steam, 3,026 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	68,733.12	1,393.63
23 52 23 00-0176	EA	2,927 MBH Steam, 3,278 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,491.07	1,393.63
23 52 23 00-0177	EA	3,160 MBH Steam, 3,539 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	76,250.34	1,475.62
23 52 23 00-0178	EA	3,385 MBH Steam, 3,791 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	82,906.29	1,475.62
23 52 23 00-0179	EA	3,610 MBH Steam, 4,043 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	86,663.46	1,557.59
23 52 23 00-0180	EA	3,835 MBH Steam, 4,296 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	90,093.81	1,557.59
23 52 23 00-0181	EA	4,061 MBH Steam, 4,548 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	97,212.12	1,639.57
23 52 23 00-0182	EA	4,286 MBH Steam, 4,800 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	100,672.92	1,639.57
23 52 23 00-0183	EA	4,511 MBH Steam, 5,052 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	106,991.14	1,721.54
23 52 23 00-0184	EA	4,736 MBH Steam, 5,304 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	110,661.94	1,721.54
23 52 23 00-0185	EA	4,961 MBH Steam, 5,557 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	114,963.05	1,803.53
23 52 23 00-0186	EA	5,186 MBH Steam, 5,809 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	118,382.90	1,803.53
23 52 23 00-0187	EA	5,411 MBH Steam, 6,061 MBH Water Oil Fired Package Cast Iron Boiler Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,249.27	1,885.50
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	58,933.40	7,787.90
23 52 23 00-0190	EA	1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	63,773.69	8,232.92
23 52 23 00-0191	EA	2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	68,466.63	8,677.95

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
23 52 23 00-0192	EA	2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	72,905.37	9,122.97
23 52 23 00-0193	EA	2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	77,253.97	9,567.99
23 52 23 00-0194	EA	2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	82,067.94	10,013.01
23 52 23 00-0195	EA	2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	87,336.52	10,458.04
23 52 23 00-0196	EA	3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	91,585.98	10,903.06
23 52 23 00-0197	EA	3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	98,214.51	11,348.08
23 52 23 00-0198	EA	3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	102,203.39	11,793.10
23 52 23 00-0199	EA	3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	105,705.89	12,238.13
23 52 23 00-0200	EA	4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	112,017.47	12,683.15
23 52 23 00-0201	EA	4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	117,089.01	13,128.17
23 52 23 00-0202	EA	4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	124,034.54	13,573.19
23 52 23 00-0203	EA	4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	128,233.75	14,018.22
23 52 23 00-0204	EA	4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	133,053.65	14,463.24
23 52 23 00-0205	EA	5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	137,033.96	14,908.27
23 52 23 00-0206	EA	5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Cast Iron Boiler Note: Weil-McLain Model 94. Includes field assembly of individual sections and testing.	141,129.27	15,353.29
23 52 23 00-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)				
23 52 23 00-0208	EA	1,575 MBH Steam, 1,763 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	51,855.20	1,065.72
23 52 23 00-0209	EA	1,801 MBH Steam, 2,017 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	56,465.00	1,147.70
23 52 23 00-0210	EA	2,028 MBH Steam, 2,271 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	60,927.80	1,229.68
23 52 23 00-0211	EA	2,255 MBH Steam, 2,525 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	65,134.38	1,311.65
23 52 23 00-0212	EA	2,477 MBH Steam, 2,774 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	68,921.73	1,311.65
23 52 23 00-0213	EA	2,702 MBH Steam, 3,026 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	72,081.57	1,393.63
23 52 23 00-0214	EA	2,927 MBH Steam, 3,278 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	76,789.77	1,393.63
23 52 23 00-0215	EA	3,160 MBH Steam, 3,539 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	80,806.29	1,475.62
23 52 23 00-0216	EA	3,385 MBH Steam, 3,791 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	86,877.39	1,475.62
23 52 23 00-0217	EA	3,610 MBH Steam, 4,043 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	90,633.51	1,557.59
23 52 23 00-0218	EA	3,835 MBH Steam, 4,296 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	93,576.66	1,557.59
23 52 23 00-0219	EA	4,061 MBH Steam, 4,548 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	99,658.62	1,639.57
23 52 23 00-0220	EA	4,286 MBH Steam, 4,800 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	104,170.47	1,639.57
23 52 23 00-0221	EA	4,511 MBH Steam, 5,052 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	110,882.44	1,721.54
23 52 23 00-0222	EA	4,736 MBH Steam, 5,304 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	114,522.79	1,721.54
23 52 23 00-0223	EA	4,961 MBH Steam, 5,557 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	119,108.45	1,803.53
23 52 23 00-0224	EA	5,186 MBH Steam, 5,809 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	122,529.35	1,803.53
23 52 23 00-0225	EA	5,411 MBH Steam, 6,061 MBH Water Gas/Oil Fired Package Cast Iron Boiler..... Note: Weil-McLain Model 94. Fire tested factory assembled package cast iron unit.	126,393.62	1,885.50
23 52 33 Water-Tube Boilers (23 52)				
23 52 33 13 Finned Water-Tube Boilers (23 52 33)				
23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler (23 52 33 13)				
23 52 33 13-0002	EA	200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	6,275.10	462.39
23 52 33 13-0003	EA	300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	6,906.70	513.76
23 52 33 13-0004	EA	400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	7,940.23	616.51
23 52 33 13-0005	EA	500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	10,109.42	642.20
23 52 33 13-0006	EA	750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	11,879.98	770.64
23 52 33 13-0007	EA	1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	14,592.98	924.77
23 52 33 13-0008	EA	1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	16,560.66	976.14
23 52 33 13-0009	EA	1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	18,337.86	1,053.21
23 52 33 13-0010	EA	1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	19,986.42	1,104.59
23 52 33 13-0011	EA	2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	21,434.57	1,130.27

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

			TOTAL DIRECT	DEMOLITION
			UNIT COST	UNIT COST
23 52 33 13-0012		Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler <small>(23 52 33 13)</small>		
23 52 33 13-0013	EA	1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	21,749.30	924.77
23 52 33 13-0014	EA	1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	27,141.65	1,053.21
23 52 33 13-0015	EA	2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	28,923.26	1,130.27
23 52 33 13-0016	EA	2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	40,854.11	1,284.40
23 52 33 13-0017	EA	3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire).....	42,871.47	1,438.53
23 52 33 13-0018		Lochinvar Copper-Fin II Finned Tube Boiler <small>(23 52 33 13)</small>		
23 52 33 13-0019	EA	340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402).....	7,340.28	414.91
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0020	EA	425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502).....	8,828.51	518.43
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0021	EA	552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652).....	9,527.00	622.75
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0022	EA	637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752).....	9,774.94	622.75
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0023	EA	841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992).....	12,130.19	778.43
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0024	EA	1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262).....	13,949.88	778.43
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0025	EA	1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442).....	15,153.58	778.43
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0026	EA	1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802).....	16,410.38	934.11
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0027	EA	1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072).....	19,397.16	1,089.80
		<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	259.95	
		<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	230.29	
23 52 33 13-0028		Raypak Cupro-Nickel Finned-Tube Boiler With Pump <small>(23 52 33 13)</small>		
23 52 33 13-0029	EA	385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B).....	7,211.74	570.27
23 52 33 13-0030	EA	420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B).....	7,770.93	513.76
23 52 33 13-0031	EA	546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B).....	8,608.69	616.51
23 52 33 13-0032	EA	630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B).....	9,146.46	699.88
23 52 33 13-0033	EA	756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B).....	10,160.24	770.64
23 52 33 13-0034	EA	832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B).....	10,922.78	829.49
23 52 33 13-0035	EA	1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B).....	12,469.28	924.77
23 52 33 13-0036	EA	1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B).....	14,417.72	976.14
23 52 33 13-0037	EA	1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B).....	15,310.56	1,053.21
23 52 33 13-0038	EA	1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B).....	18,172.25	1,078.90
23 52 33 13-0039	EA	1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B).....	18,250.09	1,104.59
23 52 33 13-0040	EA	1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B).....	21,237.00	1,130.27
23 52 33 16		Steel Water-Tube Boilers <small>(23 52 33)</small>		
23 52 33 16-0001		Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler <small>(23 52 33 16)</small>		
		Note: Compliant with BAAQMD.		
23 52 33 16-0002	EA	1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100).....	44,453.79	1,245.48
23 52 33 16-0003	EA	1,750 MBH Input/1,488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150).....	47,916.76	1,556.85
23 52 33 16-0004	EA	2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200).....	48,858.67	1,712.54
23 52 33 16-0005	EA	2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250).....	52,640.81	1,868.23
23 52 33 16-0006	EA	3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300).....	54,527.98	2,101.75
23 52 33 16-0007	EA	3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350).....	60,200.63	2,335.28
23 52 33 16-0008	EA	4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400).....	62,722.80	2,413.12
23 52 33 16-0009		Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler <small>(23 52 33 16)</small>		
		Note: Compliant with BAAQMD.		
23 52 33 16-0010	EA	1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS).....	51,864.61	1,401.16
23 52 33 16-0011	EA	1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS).....	54,540.24	1,634.69
23 52 33 16-0012	EA	2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS).....	56,113.81	1,790.38

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

23 52 33 16-0013	EA	2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS).....	62,735.05	1,946.07
23 52 33 16-0014	EA	3,000 MBH, 74 HP,83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS).....	65,097.09	2,101.75
23 52 33 16-0015	EA	3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS).....	69,665.45	2,335.28
23 52 33 16-0016	EA	4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS).....	73,766.73	2,490.96
23 52 33 16-0017	EA	5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS).....	122,505.42	2,646.64
23 52 33 16-0018	EA	6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS).....	132,597.45	2,802.33
23 52 33 16-0019	EA	7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS).....	139,534.51	2,958.02
23 52 33 16-0020	EA	8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS).....	143,158.74	3,113.71

23 52 33 16-0021 Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (23 52 33 16)

Note: Compliant with BAAQMD.

23 52 33 16-0022	EA	1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS).....	55,808.01	1,401.16
23 52 33 16-0023	EA	1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS).....	59,273.20	1,634.69
23 52 33 16-0024	EA	2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS).....	61,477.32	1,790.38
23 52 33 16-0025	EA	2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS).....	68,256.48	1,946.07
23 52 33 16-0026	EA	3,000 MBH, 74 HP,81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS).....	70,618.51	2,101.75
23 52 33 16-0027	EA	3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS).....	74,398.42	2,335.28
23 52 33 16-0028	EA	4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS).....	78,654.29	2,490.96
23 52 33 16-0029	EA	5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS).....	127,080.48	2,646.64
23 52 33 16-0030	EA	6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS).....	137,962.06	2,802.33
23 52 33 16-0031	EA	7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS).....	142,374.74	2,958.02
23 52 33 16-0032	EA	8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS).....	148,523.36	3,113.71
23 52 33 16-0033	EA	9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS).....	165,083.19	3,269.39
23 52 33 16-0034	EA	10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS).....	238,197.86	3,425.07
23 52 33 16-0035	EA	12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS).....	250,262.12	3,580.76

23 52 36 Fire-Box Boiler (23 52)

23 52 36 00-0001 Package Oil Fired Firebox Boilers (23 52 36)

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA	40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	38,401.23	1,967.48
23 52 36 00-0003	EA	46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	40,204.38	2,131.44
23 52 36 00-0004	EA	53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	42,141.60	2,295.39
23 52 36 00-0005	EA	61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	45,554.03	2,459.36
23 52 36 00-0006	EA	69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	47,625.34	2,623.31
23 52 36 00-0007	EA	80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	49,663.23	2,787.27
23 52 36 00-0008	EA	100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	55,127.52	2,951.22
23 52 36 00-0009	EA	127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	63,689.13	3,279.13
23 52 36 00-0010	EA	151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	72,391.61	3,607.05
23 52 36 00-0011	EA	183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	79,432.50	3,975.95
23 52 36 00-0012	EA	220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	86,473.48	4,344.85
23 52 36 00-0013	EA	257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	91,301.96	5,082.66
23 52 36 00-0014	EA	294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	110,982.97	5,820.47
23 52 36 00-0015	EA	368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	131,133.35	6,558.27
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	151,548.32	7,378.06
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water.....	171,352.17	7,992.90

23 52 39 Fire-Tube Boilers (23 52)

23 52 39 13 Scotch Marine Boilers (23 52 39)

23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers (23 52 39 13)

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.

23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler.....	30,785.29	901.76
------------------	----	---	-----------	--------

Note: Burnham Series 3. Fire tested factory assembled unit.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	33,156.78	983.74
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	36,009.96	1,065.72
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	37,802.47	1,229.68
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,646.77	1,311.65
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,532.81	1,393.63
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,811.92	1,434.62
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	45,134.98	1,475.62
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,985.78	1,639.57
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,849.78	1,803.53
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,465.32	1,987.98
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,079.19	2,172.43
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,249.30	2,541.33
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,806.89	2,910.23
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,343.47	3,279.13
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,101.03	3,648.04
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	136,727.52	4,016.94
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,495.41	4,385.85
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,287.37	4,754.75
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	202,239.13	5,123.65
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	222,332.25	5,492.55
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	241,680.56	5,861.45

23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)

23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	28,633.83	901.76
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	30,843.38	983.74
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	33,495.40	1,065.72
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	36,599.51	1,229.68
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,227.88	1,311.65
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	39,852.41	1,393.63
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	41,317.93	1,434.62
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	44,178.78	1,475.62
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,031.37	1,639.57
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,899.40	1,803.53
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	63,520.31	1,987.98
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,139.54	2,172.43
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,312.33	2,541.33
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,884.67	2,910.23
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,426.61	3,279.13
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	113,200.27	3,648.04
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	136,848.22	4,016.94
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,637.57	4,385.85
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	181,449.64	4,754.75
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	202,421.52	5,123.65
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	222,532.07	5,492.55
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	241,899.16	5,861.45

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

23 52 39 13-0048			15 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)		
23 52 39 13-0049	EA		30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	31,726.94	901.76
23 52 39 13-0050	EA		40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	34,169.31	983.74
23 52 39 13-0051	EA		50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	37,108.32	1,065.72
23 52 39 13-0052	EA		60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	39,167.71	1,229.68
23 52 39 13-0053	EA		70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	40,902.03	1,311.65
23 52 39 13-0054	EA		80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	42,632.51	1,393.63
23 52 39 13-0055	EA		90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	44,202.64	1,434.62
23 52 39 13-0056	EA		100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	45,773.34	1,475.62
23 52 39 13-0057	EA		125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	52,884.77	1,639.57
23 52 39 13-0058	EA		150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	60,011.63	1,803.53
23 52 39 13-0059	EA		175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	65,836.39	1,987.98
23 52 39 13-0060	EA		200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	71,658.13	2,172.43
23 52 39 13-0061	EA		250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	75,943.57	2,541.33
23 52 39 13-0062	EA		300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	92,103.31	2,910.23
23 52 39 13-0063	EA		350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	99,897.38	3,279.13
23 52 39 13-0064	EA		400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	117,309.40	3,648.04
23 52 39 13-0065	EA		500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	141,881.37	4,016.94
23 52 39 13-0066	EA		600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	165,557.18	4,385.85
23 52 39 13-0067	EA		700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	188,218.17	4,754.75
23 52 39 13-0068	EA		800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	210,001.42	5,123.65
23 52 39 13-0069	EA		900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	230,889.81	5,492.55
23 52 39 13-0070	EA		1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	250,999.86	5,861.45
23 52 39 13-0071			150 PSI Steam Scotch Marine Boilers (23 52 39 13) Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0072			150 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0073	EA		40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	41,923.55	983.74
23 52 39 13-0074	EA		50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	45,533.11	1,065.72
23 52 39 13-0075	EA		60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	47,667.60	1,229.68
23 52 39 13-0076	EA		70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	49,966.53	1,311.65
23 52 39 13-0077	EA		80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	52,320.61	1,393.63
23 52 39 13-0078	EA		90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	53,935.00	1,434.62
23 52 39 13-0079	EA		100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	56,905.81	1,475.62
23 52 39 13-0080	EA		125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	64,316.31	1,639.57
23 52 39 13-0081	EA		150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	73,039.08	1,803.53
23 52 39 13-0082	EA		175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	80,119.10	1,987.98
23 52 39 13-0083	EA		200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	87,197.45	2,172.43
23 52 39 13-0084	EA		250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	92,174.90	2,541.33
23 52 39 13-0085	EA		300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	111,958.30	2,910.23
23 52 39 13-0086	EA		350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	121,296.38	3,279.13
23 52 39 13-0087	EA		400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	142,657.53	3,648.04
23 52 39 13-0088	EA		500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	172,933.20	4,016.94
23 52 39 13-0089	EA		600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	202,074.00	4,385.85

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 52 39 13-0090	EA	700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	229,969.30		4,754.75
23 52 39 13-0091	EA	800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	256,762.89		5,123.65
23 52 39 13-0092	EA	900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	282,444.38		5,492.55
23 52 39 13-0093	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	307,135.63		5,861.45
23 52 39 13-0094		150 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0071)			
23 52 39 13-0095	EA	40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	38,915.46		983.74
23 52 39 13-0096	EA	50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	42,264.85		1,065.72
23 52 39 13-0097	EA	60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,102.54		1,229.68
23 52 39 13-0098	EA	70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	48,122.52		1,311.65
23 52 39 13-0099	EA	80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	50,137.30		1,393.63
23 52 39 13-0100	EA	90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,991.75		1,434.62
23 52 39 13-0101	EA	100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	55,661.27		1,475.62
23 52 39 13-0102	EA	125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	64,373.98		1,639.57
23 52 39 13-0103	EA	150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	73,104.79		1,803.53
23 52 39 13-0104	EA	175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,191.52		1,987.98
23 52 39 13-0105	EA	200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	87,276.58		2,172.43
23 52 39 13-0106	EA	250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,256.71		2,541.33
23 52 39 13-0107	EA	300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,058.88		2,910.23
23 52 39 13-0108	EA	350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	121,405.01		3,279.13
23 52 39 13-0109	EA	400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,786.28		3,648.04
23 52 39 13-0110	EA	500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	173,090.11		4,016.94
23 52 39 13-0111	EA	600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	202,259.07		4,385.85
23 52 39 13-0112	EA	700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	230,179.85		4,754.75
23 52 39 13-0113	EA	800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	256,998.93		5,123.65
23 52 39 13-0114	EA	900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	282,704.55		5,492.55
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	307,419.94		5,861.45
23 52 39 13-0116		150 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0071)			
23 52 39 13-0117	EA	40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	43,239.17		983.74
23 52 39 13-0118	EA	50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	46,961.38		1,065.72
23 52 39 13-0119	EA	60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	49,441.88		1,229.68
23 52 39 13-0120	EA	70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	51,598.65		1,311.65
23 52 39 13-0121	EA	80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	53,750.23		1,393.63
23 52 39 13-0122	EA	90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	55,742.81		1,434.62
23 52 39 13-0123	EA	100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	57,734.61		1,475.62
23 52 39 13-0124	EA	125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,783.93		1,639.57
23 52 39 13-0125	EA	150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	75,850.02		1,803.53
23 52 39 13-0126	EA	175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	83,200.95		1,987.98
23 52 39 13-0127	EA	200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	90,551.54		2,172.43
23 52 39 13-0128	EA	250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,677.85		2,541.33
23 52 39 13-0129	EA	300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,243.11		2,910.23
23 52 39 13-0130	EA	350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,916.47		3,279.13
23 52 39 13-0131	EA	400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	148,127.88		3,648.04
23 52 39 13-0132	EA	500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	179,634.67		4,016.94

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0133	EA	600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	209,954.30	4,385.85
23 52 39 13-0134	EA	700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	238,978.81	4,754.75
23 52 39 13-0135	EA	800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	266,853.33	5,123.65
23 52 39 13-0136	EA	900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	293,568.80	5,492.55
23 52 39 13-0137	EA	1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	319,249.78	5,861.45
23 52 39 13-0138		125 PSI Water Scotch Marine Boilers <small>(23 52 39 13)</small> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH output.		
23 52 39 13-0139		125 PSI Gas Fired Water Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0140	EA	40 HP, 1,339 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	36,315.07	983.74
23 52 39 13-0141	EA	50 HP, 1,674 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	40,695.76	1,065.72
23 52 39 13-0142	EA	60 HP, 2,009 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	43,849.49	1,229.68
23 52 39 13-0143	EA	70 HP, 2,343 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	47,120.72	1,311.65
23 52 39 13-0144	EA	80 HP, 2,678 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	50,456.48	1,393.63
23 52 39 13-0145	EA	90 HP, 3,013 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	53,074.02	1,434.62
23 52 39 13-0146	EA	100 HP, 3,348 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	57,038.58	1,475.62
23 52 39 13-0147	EA	125 HP, 4,184 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	61,278.72	1,639.57
23 52 39 13-0148	EA	150 HP, 5,021 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	66,833.81	1,803.53
23 52 39 13-0149	EA	175 HP, 5,858 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	71,198.11	1,987.98
23 52 39 13-0150	EA	200 HP, 6,695 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,888.38	2,172.43
23 52 39 13-0151	EA	250 HP, 8,369 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,312.99	2,541.33
23 52 39 13-0152	EA	300 HP, 10,043 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	103,913.04	2,910.23
23 52 39 13-0153	EA	350 HP, 11,716 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	112,227.45	3,279.13
23 52 39 13-0154	EA	400 HP, 13,390 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	125,191.04	3,648.04
23 52 39 13-0155	EA	500 HP, 16,738 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,071.93	4,016.94
23 52 39 13-0156	EA	600 HP, 20,085 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	176,365.11	4,385.85
23 52 39 13-0157	EA	700 HP, 23,433 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	200,575.07	4,754.75
23 52 39 13-0158	EA	800 HP, 26,780 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	223,841.57	5,123.65
23 52 39 13-0159	EA	900 HP, 30,128 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	246,148.85	5,492.55
23 52 39 13-0160	EA	1,000 HP, 33,476 MBH Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	267,616.09	5,861.45
23 52 39 13-0161		125 PSI Oil Fired Water Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0162	EA	40 HP, 1,339 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	33,750.89	983.74
23 52 39 13-0163	EA	50 HP, 1,674 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	37,809.71	1,065.72
23 52 39 13-0164	EA	60 HP, 2,009 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	42,423.90	1,229.68
23 52 39 13-0165	EA	70 HP, 2,343 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	45,394.72	1,311.65
23 52 39 13-0166	EA	80 HP, 2,678 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	48,360.35	1,393.63
23 52 39 13-0167	EA	90 HP, 3,013 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	51,165.63	1,434.62
23 52 39 13-0168	EA	100 HP, 3,348 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	55,791.36	1,475.62
23 52 39 13-0169	EA	125 HP, 4,184 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	61,333.70	1,639.57
23 52 39 13-0170	EA	150 HP, 5,021 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	66,892.82	1,803.53
23 52 39 13-0171	EA	175 HP, 5,858 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	71,261.14	1,987.98
23 52 39 13-0172	EA	200 HP, 6,695 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,954.09	2,172.43
23 52 39 13-0173	EA	250 HP, 8,369 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	89,392.12	2,541.33
23 52 39 13-0174	EA	300 HP, 10,043 MBH Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	104,005.57	2,910.23

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 52 39 13-0175	EA	350 HP, 11,716 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	112,326.69	3,279.13
23 52 39 13-0176	EA	400 HP, 13,390 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	125,302.36	3,648.04
23 52 39 13-0177	EA	500 HP, 16,738 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,207.38	4,016.94
23 52 39 13-0178	EA	600 HP, 20,085 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	176,524.70	4,385.85
23 52 39 13-0179	EA	700 HP, 23,433 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	200,757.46	4,754.75
23 52 39 13-0180	EA	800 HP, 26,780 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	224,045.42	5,123.65
23 52 39 13-0181	EA	900 HP, 30,128 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	246,372.81	5,492.55
23 52 39 13-0182	EA	1,000 HP, 33,476 MBH Water Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	267,860.17	5,861.45

23 52 39 13-0183 125 PSI Gas/Oil Fired Water Scotch Marine Boilers (23 52 39 13-0138)

23 52 39 13-0184	EA	40 HP, 1,339 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	37,436.23	983.74
23 52 39 13-0185	EA	50 HP, 1,674 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	41,956.40	1,065.72
23 52 39 13-0186	EA	60 HP, 2,009 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	45,465.52	1,229.68
23 52 39 13-0187	EA	70 HP, 2,343 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	48,649.57	1,311.65
23 52 39 13-0188	EA	80 HP, 2,678 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	51,829.77	1,393.63
23 52 39 13-0189	EA	90 HP, 3,013 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	54,849.63	1,434.62
23 52 39 13-0190	EA	100 HP, 3,348 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	57,870.06	1,475.62
23 52 39 13-0191	EA	125 HP, 4,184 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	63,616.25	1,639.57
23 52 39 13-0192	EA	150 HP, 5,021 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	69,379.21	1,803.53
23 52 39 13-0193	EA	175 HP, 5,858 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,899.08	1,987.98
23 52 39 13-0194	EA	200 HP, 6,695 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	76,673.84	2,172.43
23 52 39 13-0195	EA	250 HP, 8,369 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,693.90	2,541.33
23 52 39 13-0196	EA	300 HP, 10,043 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	107,854.53	2,910.23
23 52 39 13-0197	EA	350 HP, 11,716 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	116,459.97	3,279.13
23 52 39 13-0198	EA	400 HP, 13,390 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	129,915.74	3,648.04
23 52 39 13-0199	EA	500 HP, 16,738 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	156,840.00	4,016.94
23 52 39 13-0200	EA	600 HP, 20,085 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	183,148.39	4,385.85
23 52 39 13-0201	EA	700 HP, 23,433 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	208,330.65	4,754.75
23 52 39 13-0202	EA	800 HP, 26,780 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	232,526.53	5,123.65
23 52 39 13-0203	EA	900 HP, 30,128 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	255,724.30	5,492.55
23 52 39 13-0204	EA	1,000 HP, 33,476 MBH Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	278,041.80	5,861.45

23 53 Heating Boiler Feedwater Equipment (23 50)**23 53 13 Boiler Feedwater Pumps (23 53)**

See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators (23 53)**23 53 16 00-0001 Boiler Feed System (23 53 16)****23 53 16 00-0002 Low Pressure Boiler Feed System (23 53 16 00-0001)**

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003	EA	20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	4,941.64	973.19
23 53 16 00-0004	EA	34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	5,342.31	1,146.52
23 53 16 00-0005	EA	54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	5,735.21	1,186.69
23 53 16 00-0006	EA	67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	5,918.89	1,230.24
23 53 16 00-0007	EA	78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	6,264.22	1,314.79
23 53 16 00-0008	EA	104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	9,969.23	1,424.70
23 53 16 00-0009	EA	158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	11,241.83	1,521.94
23 53 16 00-0010	EA	219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	12,886.57	1,733.32
23 53 16 00-0011	EA	254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	14,177.51	1,860.16
23 53 16 00-0012	EA	305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System.....	15,273.45	1,986.98

23 53 16 00-0013 High Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014	EA	10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	6,819.12	829.71
------------------	----	---	----------	--------

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0015	EA		20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,112.82	973.19
23 53 16 00-0016	EA		34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	7,920.46	1,146.52
23 53 16 00-0017	EA		54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	8,556.10	1,186.69
23 53 16 00-0018	EA		67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	8,707.02	1,230.24
23 53 16 00-0019	EA		78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	10,497.89	1,314.79
23 53 16 00-0020	EA		104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	13,639.28	1,424.70
23 53 16 00-0021	EA		158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	13,996.03	1,521.94
23 53 16 00-0022	EA		183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	15,392.67	1,629.83
23 53 16 00-0023	EA		219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	16,562.52	1,733.32
23 53 16 00-0024	EA		254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	17,717.87	1,860.16
23 53 16 00-0025	EA		305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	19,114.15	1,986.98
23 53 16 00-0026 Boiler Feedwater System (23 53 16)					
Note: With deaerator includes pumps and accessories.					
23 53 16 00-0027	EA		1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	8,528.13	1,146.52
23 53 16 00-0028	EA		2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,107.75	1,313.52
23 53 16 00-0029	EA		4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	14,647.34	1,503.34
23 53 16 00-0030	EA		6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	17,616.53	1,734.17
23 53 16 00-0031	EA		8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	18,697.57	1,860.16
23 53 16 00-0032	EA		11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,726.80	1,986.98
23 53 16 00-0033	EA		13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	21,964.93	2,283.00
23 53 16 00-0034	EA		17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	28,390.03	2,621.29
23 53 16 00-0035	EA		20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	36,839.40	3,028.83
23 53 16 00-0036	EA		27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	46,623.71	3,476.79
23 53 16 00-0037	EA		34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	59,728.77	4,000.17
23 53 16 00-0038 Duplex Vacuum Condensate Pumps (23 53 16)					
23 53 16 00-0039	EA		7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	16,909.19	676.42
Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.					
23 53 16 00-0040	EA		9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	17,306.00	718.70
Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.					
23 53 16 00-0041	EA		12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump.....	17,759.59	760.97
Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.					
23 53 16 00-0042	EA		18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump.....	19,490.61	803.25
Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.					
23 53 16 00-0043	EA		28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	23,208.76	845.53
Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.					
23 53 16 00-0044	EA		42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump.....	24,428.81	887.80
Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.					
23 54 Furnaces (23 50)					
Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.					
23 54 13 Electric-Resistance Furnaces (23 54)					
23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)					
23 54 13 00-0002	EA		Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	779.92	82.99
Note: Excludes cooling equipment.					
23 54 13 00-0003	EA		>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,025.90	103.73
Note: Excludes cooling equipment.					
23 54 13 00-0004	EA		>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,319.88	124.47
Note: Excludes cooling equipment.					
23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)					
23 54 13 00-0006	EA		Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace.....	779.92	82.99
Note: Excludes cooling equipment.					
23 54 13 00-0007	EA		>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	928.41	93.36
Note: Excludes cooling equipment.					
23 54 13 00-0008	EA		>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,015.90	103.73
Note: Excludes cooling equipment.					
23 54 13 00-0009	EA		>3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace.....	1,067.39	114.11
Note: Excludes cooling equipment.					
23 54 13 00-0010	EA		>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,319.88	124.47
Note: Excludes cooling equipment.					
23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace (23 54 13)					
23 54 13 00-0012	EA		5 KW Heating Coil For Air Handler/Electric Furnace	141.09	21.53
23 54 13 00-0013	EA		7 KW Heating Coil For Air Handler/Electric Furnace	160.70	23.68
23 54 13 00-0014	EA		10 KW Heating Coil For Air Handler/Electric Furnace	174.32	25.84
23 54 13 00-0015	EA		15 KW Heating Coil For Air Handler/Electric Furnace	232.93	27.98
23 54 13 00-0016	EA		20 KW Heating Coil For Air Handler/Electric Furnace	251.54	30.13
23 54 16 Fuel-Fired Furnaces (23 54)					
23 54 16 13 Gas-Fired Furnaces (23 54 16)					

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 54 Furnaces**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 54 16 13-0001		Natural Gas Fired Forced Air Furnaces <small>(23 54 16 13)</small> Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.			
23 54 16 13-0002		Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,182.44		72.61
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,263.92		82.99
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,456.41		93.36
23 54 16 13-0006	EA	100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,706.39		114.11
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,822.88		124.47
23 54 16 13-0008		Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,310.43		72.61
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,437.92		82.99
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,529.18		93.36
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3.5 tons.	1,659.90		103.73
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,807.39		114.11
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,908.88		124.47
23 54 16 13-0015		Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,160.39		72.61
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,331.88		82.99
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,454.86		103.73
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,556.35		114.11
23 54 16 13-0020		Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0021	EA	40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,506.43		72.61
23 54 16 13-0022	EA	60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,591.92		82.99
23 54 16 13-0023	EA	80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,773.41		93.36
23 54 16 13-0024	EA	100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,946.39		114.11
23 54 16 13-0025	EA	120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	2,087.88		124.47
23 54 16 13-0026		Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0027	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,060.43		72.61
23 54 16 13-0028	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,122.92		82.99
23 54 16 13-0029	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,253.41		93.36
23 54 16 13-0030	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,263.41		93.36
23 54 16 13-0031	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,379.90		103.73
23 54 16 13-0032	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,458.39		114.11
23 54 16 13-0033	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,548.89		124.47
23 54 16 13-0034		Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <small>(23 54 16 13-0001)</small>			
23 54 16 13-0035	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	753.43		72.61
23 54 16 13-0036	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	826.92		82.99
23 54 16 13-0037	EA	60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	944.41		93.36
23 54 16 13-0038	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	945.41		93.36
23 54 16 13-0039	EA	80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,038.90		103.73
23 54 16 13-0040	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,072.39		114.11

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

23 54 16 13-0041	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,189.88	124.47
23 54 16 13-0042			Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (23 54 16 13-0001)		
23 54 16 13-0043	EA		40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	763.43	72.61
23 54 16 13-0044	EA		60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	829.92	82.99
23 54 16 13-0045	EA		80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	989.41	93.36
23 54 16 13-0046	EA		100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,089.90	103.73
23 54 16 13-0047			75% AFUE Gas Wall/Recessed Furnace (23 54 16 13-0001)		
23 54 16 13-0048	EA		35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,249.90	62.24
23 54 16 13-0049	EA		55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	1,447.14	77.84
23 54 16 13-0050	EA		35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,134.90	62.24
23 54 16 13-0051	EA		40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,213.64	67.46
23 54 16 13-0052	EA		50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,207.39	72.61
23 54 16 13-0053	EA		65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,246.19	77.84
23 54 16 13-0054	EA		75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,288.27	77.84
23 54 16 13-0055			Gas Fired Indoor Duct Furnace (23 54 16 13-0001) Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056			Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055)		
23 54 16 13-0057	EA		100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,405.67	161.82
23 54 16 13-0058	EA		150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,573.53	199.16
23 54 16 13-0059	EA		200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,810.73	286.29
23 54 16 13-0060	EA		250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,042.61	323.63
23 54 16 13-0061	EA		300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,379.23	373.42
23 54 16 13-0062	EA		350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,629.98	448.10
23 54 16 13-0063	EA		400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,035.48	597.48
23 54 16 13-0064			Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055) Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA		100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,566.47	161.82
23 54 16 13-0066	EA		150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	1,731.93	199.16
23 54 16 13-0067	EA		200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,028.33	286.29
23 54 16 13-0068	EA		250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,299.41	323.63
23 54 16 13-0069	EA		300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,822.43	373.42
23 54 16 13-0070	EA		350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,110.78	448.10
23 54 16 13-0071	EA		400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,489.87	597.48
23 54 16 16			Oil-Fired Furnaces (23 54 16)		
23 54 16 16-0001			Oil Fired Forced Air Furnaces (23 54 16 16) Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002			Up Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0003	EA		72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace..... Note: Blower cooling capacity up to 3 tons.	2,003.92	82.99
23 54 16 16-0004	EA		95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 4 tons.	2,150.39	114.11
23 54 16 16-0005	EA		126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	2,484.38	134.84
23 54 16 16-0006			Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0007	EA		95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 3 tons.	2,336.39	114.11
23 54 16 16-0008	EA		126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	2,371.38	134.84
23 54 16 16-0009			Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0010	EA		95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	2,032.39	114.11
23 54 16 16-0011	EA		127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	2,412.38	134.84
23 54 19			Furnace Accessories (23 54)		
23 54 19 00-0001	EA		LP Gas Furnace Conversion Kit	127.98	20.75
23 54 19 00-0002	EA		1" Furnace External Filter Rack.....	37.74	
23 54 19 00-0003	EA		Remove And Reinstall Forced Air Furnace..... Note: Includes storage and cleaning. Excludes ductwork.	384.18	

23 55 Fuel-Fired Heaters (23 50)

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 55 Fuel-Fired Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 55 23 Gas-Fired Radiant Heaters (23 55)**23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters (23 55 23)**

23 55 23 13-0001	Infrared Heaters-Radiant Energy (23 55 23 13)		
	Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002	Gas Fired Electric Ignition Infrared Gas Heater (23 55 23 13-0001)		
	Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA 15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	750.55	84.55
23 55 23 13-0004	EA 37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	826.73	93.01
23 55 23 13-0005	EA 50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	885.70	93.01
23 55 23 13-0006	EA 75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,111.97	111.61
23 55 23 13-0007	EA 100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,121.91	111.61

23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater (23 55 23 13-0001)

Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.

23 55 23 13-0009	EA 1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	839.33	91.28
	For Stainless Steel Housing, Add	140.68	
23 55 23 13-0010	EA 3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	899.93	91.28
	For Stainless Steel Housing, Add	155.83	
23 55 23 13-0011	EA 5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	969.19	91.28
	For Stainless Steel Housing, Add	173.15	
23 55 23 13-0012	EA 7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,052.45	91.28
	For Stainless Steel Housing, Add	193.96	
23 55 23 13-0013	EA 10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,150.82	99.58
	For Stainless Steel Housing, Add	216.13	
23 55 23 13-0014	EA 13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,230.04	107.87
	For Stainless Steel Housing, Add	232.76	
23 55 23 13-0015	EA 24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,994.79	116.18
	For Stainless Steel Housing, Add	415.64	

23 55 23 13-0016 Gas Fired Tubular Infrared Heater (23 55 23 13-0001)

Note: Includes controls and supports.

23 55 23 13-0017 "U" Package (23 55 23 13-0016)

23 55 23 13-0018	LF Up To 75 MBH Input Radiant Heater	55.90	4.23
23 55 23 13-0019	LF 76 To 105 MBH Input Radiant Heater.....	64.60	5.07
23 55 23 13-0020	LF 106 To 130 MBH Input Radiant Heater.....	78.63	5.92

23 55 23 13-0021 "S" Straight Package (23 55 23 13-0016)

23 55 23 13-0022	LF Up To 75 MBH Input Radiant Heater	45.56	3.38
23 55 23 13-0023	LF 76 To 105 MBH Input Radiant Heater.....	57.75	4.23
23 55 23 13-0024	LF 106 To 130 MBH Input Radiant Heater.....	69.93	5.07

23 55 33 Fuel-Fired Unit Heaters (23 55)**23 55 33 00-0001 Gas Fired Unit Heaters (23 55 33)****23 55 33 00-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt (23 55 33 00-0001)**

23 55 33 00-0003	EA 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,232.98	145.96
23 55 33 00-0004	EA 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,356.02	175.15
23 55 33 00-0005	EA 48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,375.73	175.15
23 55 33 00-0006	EA 60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,508.29	204.33
23 55 33 00-0007	EA 72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,662.87	233.53
23 55 33 00-0008	EA 81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,783.55	248.12
23 55 33 00-0009	EA 101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,833.26	248.12
23 55 33 00-0010	EA 121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	1,790.66	248.12
23 55 33 00-0011	EA 141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,115.67	262.72
23 55 33 00-0012	EA 162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,309.72	262.72
23 55 33 00-0013	EA 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,470.64	262.72
23 55 33 00-0014	EA 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	2,944.04	291.91
23 55 33 00-0015	EA 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,308.48	291.91
23 55 33 00-0016	EA 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	3,552.96	321.11

23 55 33 00-0017 Oil Fired Unit Heater (23 55 33)**23 55 33 00-0018 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt (23 55 33 00-0017)**

23 55 33 00-0019	EA 97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,850.34	389.21
23 55 33 00-0020	EA 142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	5,207.33	428.13
23 55 33 00-0021	EA 188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	5,596.22	467.05

23 55 33 00-0022 Removal And Reinstallation Of Unit Heaters (23 55 33)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 55 33 00-0023	EA Remove And Reinstall Up To 101.3 MBH Output Gas or Oil Unit Heater	486.18	
23 55 33 00-0024	EA Remove And Reinstall >101.3 MBH Output Gas or Oil Unit Heater.....	655.28	

23 57 Heat Exchangers for HVAC (23 50)

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST DEMOLITION
 UNIT COST

23 57 13 Steam-To-Steam Heat Exchangers (23 57)

23 57 13 00-0001	Steam Generator Heat Exchanger (23 57 13)			
	Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.			
23 57 13 00-0002	EA 75 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	11,702.58		1,352.84
23 57 13 00-0003	EA 300 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	15,577.60		1,437.39
23 57 13 00-0004	EA 525 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	20,877.03		1,753.30

23 57 16 Steam-To-Water Heat Exchangers (23 57)

23 57 16 00-0001	Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI (23 57 16)			
	Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.			
23 57 16 00-0002	EA 8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,353.37		211.38
	For Bronze Head And Tube Sheet, Add	482.18		
	For Copper Nickel Tubes, Add	107.15		
	For Double Wall Tube Bundles, Add	160.73		
23 57 16 00-0003	EA 10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,960.80		211.38
	For Bronze Head And Tube Sheet, Add	730.17		
	For Copper Nickel Tubes, Add	162.26		
	For Double Wall Tube Bundles, Add	243.39		
23 57 16 00-0004	EA 40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,933.18		295.93
	For Bronze Head And Tube Sheet, Add	1,129.69		
	For Copper Nickel Tubes, Add	251.04		
	For Double Wall Tube Bundles, Add	376.56		
23 57 16 00-0005	EA 64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,672.39		295.93
	For Bronze Head And Tube Sheet, Add	1,722.09		
	For Copper Nickel Tubes, Add	382.69		
	For Double Wall Tube Bundles, Add	574.03		
23 57 16 00-0006	EA 96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	6,138.97		348.35
	For Bronze Head And Tube Sheet, Add	2,286.93		
	For Copper Nickel Tubes, Add	508.21		
	For Double Wall Tube Bundles, Add	762.31		
23 57 16 00-0007	EA 120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,054.10		434.65
	For Bronze Head And Tube Sheet, Add	3,003.32		
	For Copper Nickel Tubes, Add	667.40		
	For Double Wall Tube Bundles, Add	1,001.11		
23 57 16 00-0008	EA 168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	9,968.24		652.39
	For Bronze Head And Tube Sheet, Add	3,678.38		
	For Copper Nickel Tubes, Add	817.42		
	For Double Wall Tube Bundles, Add	1,226.13		
23 57 16 00-0009	EA 240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,978.38		652.39
	For Bronze Head And Tube Sheet, Add	5,731.11		
	For Copper Nickel Tubes, Add	1,273.58		
	For Double Wall Tube Bundles, Add	1,910.37		

23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)
23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)

23 57 19 13-0001	Plate And Frame Heat Exchanger (23 57 19 13)			
23 57 19 13-0002	EA 8" W x 18-7/8"H Plate And Frame Heat Exchanger.....	2,128.37		211.38
23 57 19 13-0003	EA 8" W x 24-9/16"H Plate And Frame Heat Exchanger.....	2,793.97		211.38
23 57 19 13-0004	EA 11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger.....	3,710.49		253.65
23 57 19 13-0005	EA 16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger.....	5,000.83		274.80
23 57 19 13-0006	EA 16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	5,458.44		274.80
23 57 19 13-0007	EA 24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	7,081.57		295.93
23 57 19 13-0008	EA 26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	7,455.98		295.93
23 57 19 13-0009	EA 24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	9,204.46		338.21
23 57 19 13-0010	EA 24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	11,244.16		380.48
23 57 19 13-0011	EA 26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	11,660.17		380.48
23 57 19 13-0012	EA 24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	14,417.11		440.37
23 57 19 13-0013	EA 26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	17,377.11		484.32
23 57 19 13-0014	EA 40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	20,045.80		528.28

23 57 19 19 Water-To-Water Heat Exchanger (23 57 19)

23 57 19 19-0001	Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19 19)			
	Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.			
23 57 19 19-0002	EA 7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	1,598.29		211.38
	For Copper Nickel Tubes, Add	131.64		
	For Double Wall Tube Bundles, Add	197.47		
23 57 19 19-0003	EA 16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,205.72		211.38
	For Copper Nickel Tubes, Add	186.75		
	For Double Wall Tube Bundles, Add	280.13		
23 57 19 19-0004	EA 34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,269.94		295.93
	For Copper Nickel Tubes, Add	284.72		
	For Double Wall Tube Bundles, Add	427.08		
23 57 19 19-0005	EA 55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,666.07		295.93
	For Copper Nickel Tubes, Add	410.24		
	For Double Wall Tube Bundles, Add	615.36		
23 57 19 19-0006	EA 74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	5,786.69		338.21
	For Copper Nickel Tubes, Add	505.15		
	For Double Wall Tube Bundles, Add	757.72		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 57 Heat Exchangers for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 57 19 19-0007	EA	86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	7,686.52	338.21
		<i>For Copper Nickel Tubes, Add</i>	679.65	
		<i>For Double Wall Tube Bundles, Add</i>	1,019.48	
23 57 19 19-0008	EA	112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	9,505.05	326.20
		<i>For Copper Nickel Tubes, Add</i>	844.97	
		<i>For Double Wall Tube Bundles, Add</i>	1,267.46	
23 57 19 19-0009	EA	126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	11,813.01	326.20
		<i>For Copper Nickel Tubes, Add</i>	1,053.15	
		<i>For Double Wall Tube Bundles, Add</i>	1,579.73	
23 57 19 19-0010	EA	152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	15,101.52	326.20
		<i>For Copper Nickel Tubes, Add</i>	1,347.05	
		<i>For Double Wall Tube Bundles, Add</i>	2,020.58	

23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)**23 57 19 23-0001 Heat Exchanger Refrigerant To Water (23 57 19 23)**

23 57 19 23-0002	EA	10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	1,811.82	169.10
		<i>For Copper Nickel Tubes, Add</i>	147.36	
		<i>For Double Wall Tube Bundles, Add</i>	221.04	
23 57 19 23-0003	EA	53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	4,731.30	281.82
		<i>For Copper Nickel Tubes, Add</i>	416.76	
		<i>For Double Wall Tube Bundles, Add</i>	625.14	
23 57 19 23-0004	EA	70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	6,368.02	367.63
		<i>For Copper Nickel Tubes, Add</i>	563.41	
		<i>For Double Wall Tube Bundles, Add</i>	845.11	
23 57 19 23-0005	EA	87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	6,859.86	445.00
		<i>For Copper Nickel Tubes, Add</i>	597.17	
		<i>For Double Wall Tube Bundles, Add</i>	895.76	
23 57 19 23-0006	EA	105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube	8,257.90	518.08
		<i>For Copper Nickel Tubes, Add</i>	720.50	
		<i>For Double Wall Tube Bundles, Add</i>	1,080.76	

23 60 Central Cooling Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 61 Refrigerant Compressors (23 60)**23 61 16 Reciprocating Refrigerant Compressors (23 61)****23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors (23 61 16)**

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002	EA	1/4 Ton Refrigerant Compressor, Reciprocating Open Type	387.32	81.03
23 61 16 00-0003	EA	1/3 Ton Refrigerant Compressor, Reciprocating Open Type	449.45	81.03
23 61 16 00-0004	EA	1/2 Ton Refrigerant Compressor, Reciprocating Open Type	603.88	101.26
23 61 16 00-0005	EA	3/4 Ton Refrigerant Compressor, Reciprocating Open Type	732.03	101.26
23 61 16 00-0006	EA	1 Ton Refrigerant Compressor, Reciprocating Open Type	809.70	101.26
23 61 16 00-0007	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type	822.33	105.35
23 61 16 00-0008	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	828.86	105.35
23 61 16 00-0009	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type	906.51	113.45
23 61 16 00-0010	EA	2 Ton Refrigerant Compressor, Reciprocating Open Type	974.50	121.55
23 61 16 00-0011	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,060.59	129.66
23 61 16 00-0012	EA	3 Ton Refrigerant Compressor, Reciprocating Open Type	1,193.92	129.66
23 61 16 00-0013	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,334.39	137.76
23 61 16 00-0014	EA	4 Ton Refrigerant Compressor, Reciprocating Open Type	1,366.15	145.87
23 61 16 00-0015	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type	1,389.77	149.88
23 61 16 00-0016	EA	5 Ton Refrigerant Compressor, Reciprocating Open Type	2,310.77	784.62
23 61 16 00-0017	EA	7.5 Ton Refrigerant Compressor, Reciprocating Open Type	3,341.78	896.66
23 61 16 00-0018	EA	10 Ton Refrigerant Compressor, Reciprocating Open Type	4,372.90	1,008.78
23 61 16 00-0019	EA	12.5 Ton Refrigerant Compressor, Reciprocating Open Type	5,658.86	1,092.78
23 61 16 00-0020	EA	15 Ton Refrigerant Compressor, Reciprocating Open Type	6,945.07	1,176.92
23 61 16 00-0021	EA	20 Ton Refrigerant Compressor, Reciprocating Open Type	8,334.07	1,412.30
23 61 16 00-0022	EA	25 Ton Refrigerant Compressor, Reciprocating Open Type	9,938.65	1,517.95
23 61 16 00-0023	EA	30 Ton Refrigerant Compressor, Reciprocating Open Type	11,471.10	1,604.89
23 61 16 00-0024	EA	50 Ton Refrigerant Compressor, Reciprocating Open Type	14,886.79	1,810.67
23 61 16 00-0025	EA	60 Ton Refrigerant Compressor, Reciprocating Open Type	17,417.85	1,858.15
23 61 16 00-0026	EA	70 Ton Refrigerant Compressor, Reciprocating Open Type	21,588.49	1,905.56
23 61 16 00-0027	EA	75 Ton Refrigerant Compressor, Reciprocating Open Type	22,636.49	1,929.35
23 61 16 00-0028	EA	80 Ton Refrigerant Compressor, Reciprocating Open Type	23,641.30	1,953.05
23 61 16 00-0029	EA	90 Ton Refrigerant Compressor, Reciprocating Open Type	25,523.30	2,000.46
23 61 16 00-0030	EA	100 Ton Refrigerant Compressor, Reciprocating Open Type	27,235.24	2,048.02
23 61 16 00-0031	EA	110 Ton Refrigerant Compressor, Reciprocating Open Type	29,191.10	2,267.44
23 61 16 00-0032	EA	120 Ton Refrigerant Compressor, Reciprocating Open Type	30,561.70	2,318.18
23 61 16 00-0033	EA	130 Ton Refrigerant Compressor, Reciprocating Open Type	31,730.05	2,347.70
23 61 16 00-0034	EA	140 Ton Refrigerant Compressor, Reciprocating Open Type	32,791.71	2,420.33
23 61 16 00-0035	EA	150 Ton Refrigerant Compressor, Reciprocating Open Type	33,648.46	2,471.07
23 61 16 00-0036	EA	175 Ton Refrigerant Compressor, Reciprocating Open Type	34,530.10	2,538.79
23 61 16 00-0037	EA	185 Ton Refrigerant Compressor, Reciprocating Open Type	35,350.37	2,566.08
23 61 16 00-0038	EA	200 Ton Refrigerant Compressor, Reciprocating Open Type	36,194.26	2,608.55
23 61 16 00-0039	EA	225 Ton Refrigerant Compressor, Reciprocating Open Type	37,248.10	2,784.48
23 61 16 00-0040	EA	250 Ton Refrigerant Compressor, Reciprocating Open Type	38,260.00	2,934.58

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 61 16 00-0041	Reciprocating Hermetic Type Refrigerant Compressors <small>(23 61 16)</small>			
	Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.			
23 61 16 00-0042	Reciprocating Hermetic Type Refrigerant Compressors <5 Tons <small>(23 61 16 00-0041)</small>			
23 61 16 00-0043	EA	1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	624.96	81.03
23 61 16 00-0044	EA	1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	644.65	81.03
23 61 16 00-0045	EA	1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	704.86	101.26
23 61 16 00-0046	EA	3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	724.56	101.26
23 61 16 00-0047	EA	1 Ton Refrigerant Compressor, Reciprocating Hermetic Type	734.40	101.26
23 61 16 00-0048	EA	1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	758.26	105.35
23 61 16 00-0049	EA	1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	779.93	105.35
23 61 16 00-0050	EA	1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	837.51	113.45
23 61 16 00-0051	EA	2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	893.12	121.55
23 61 16 00-0052	EA	2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	968.40	129.66
23 61 16 00-0053	EA	3 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,007.79	129.66
23 61 16 00-0054	EA	3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,083.08	137.76
23 61 16 00-0055	EA	4 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,276.57	145.87
23 61 16 00-0056	EA	4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,392.99	149.88
23 61 16 00-0057	Reciprocating Hermetic Type Refrigerant Compressors <small>(23 61 16 00-0041)</small>			
23 61 16 00-0058	EA	5 Ton Refrigerant Compressor, Reciprocating Hermetic Type	1,813.66	403.51
23 61 16 00-0059	EA	10 Ton Refrigerant Compressor, Reciprocating Hermetic Type	3,345.44	504.40
23 61 16 00-0060	EA	15 Ton Refrigerant Compressor, Reciprocating Hermetic Type	5,494.83	614.06
23 61 16 00-0061	EA	20 Ton Refrigerant Compressor, Reciprocating Hermetic Type	6,969.04	706.15
23 61 16 00-0062	EA	25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	7,688.54	784.62
23 61 16 00-0063	EA	30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	8,540.55	882.69
23 61 16 00-0064	EA	35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	10,993.25	1,008.78
23 61 16 00-0065	EA	40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,023.27	1,008.78
23 61 16 00-0066	EA	50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	17,292.39	1,176.92
23 61 16 00-0067	EA	60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	19,442.48	1,260.99
23 61 16 00-0068	EA	70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	20,538.20	1,321.50
23 61 16 00-0069	EA	75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	21,125.28	1,386.78
23 61 16 00-0070	EA	80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	21,711.46	1,392.16
23 61 16 00-0071	EA	90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	22,804.57	1,457.66
23 61 16 00-0072	EA	100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	23,906.24	1,517.95
23 61 19	Scroll Refrigerant Compressors <small>(23 61)</small>			
23 61 19 00-0001	Scroll Refrigerant Compressors <small>(23 61 19)</small>			
23 61 19 00-0002	EA	Up To 3 Ton Scroll Refrigerant Compressor	951.43	129.50
23 61 19 00-0003	EA	3.5 Ton Scroll Refrigerant Compressor	998.07	137.84
23 61 19 00-0004	EA	4 Ton Scroll Refrigerant Compressor	1,023.57	145.79
23 61 19 00-0005	EA	4.5 Ton Scroll Refrigerant Compressor	1,043.89	149.96
23 61 19 00-0006	EA	5 Ton Scroll Refrigerant Compressor	1,294.11	189.34
23 61 19 00-0007	EA	7.5 Ton Scroll Refrigerant Compressor	2,446.47	284.01
23 61 19 00-0008	EA	8.75 Ton Scroll Refrigerant Compressor	2,800.65	331.34
23 61 19 00-0009	EA	10 Ton Scroll Refrigerant Compressor	3,139.55	378.67
23 61 19 00-0010	EA	12 Ton Scroll Refrigerant Compressor	3,793.54	454.40
23 61 19 00-0011	EA	13.5 Ton Scroll Refrigerant Compressor	4,467.24	511.21
23 61 19 00-0012	EA	15 Ton Scroll Refrigerant Compressor	5,232.40	568.01
23 61 19 00-0013	EA	20 Ton Scroll Refrigerant Compressor	7,364.20	757.35
23 61 19 00-0014	EA	25 Ton Scroll Refrigerant Compressor	8,323.80	946.68
23 61 19 00-0015	EA	30 Ton Scroll Refrigerant Compressor	8,928.58	1,136.02
23 61 23	Rotary-Screw Refrigerant Compressors <small>(23 61)</small>			
23 61 23 00-0001	Rotary Screw Type Refrigerant Compressors <small>(23 61 23)</small>			
23 61 23 00-0002	EA	75 Ton Refrigerant Compressor, Rotary Screw Type	24,808.50	1,929.35
23 61 23 00-0003	EA	80 Ton Refrigerant Compressor, Rotary Screw Type	25,550.58	1,953.05
23 61 23 00-0004	EA	90 Ton Refrigerant Compressor, Rotary Screw Type	27,157.65	2,000.46
23 61 23 00-0005	EA	100 Ton Refrigerant Compressor, Rotary Screw Type	28,748.94	2,048.02
23 61 23 00-0006	EA	110 Ton Refrigerant Compressor, Rotary Screw Type	31,024.39	2,267.44
23 61 23 00-0007	EA	120 Ton Refrigerant Compressor, Rotary Screw Type	32,886.53	2,318.18
23 61 23 00-0008	EA	130 Ton Refrigerant Compressor, Rotary Screw Type	34,700.92	2,347.70
23 61 23 00-0009	EA	140 Ton Refrigerant Compressor, Rotary Screw Type	36,599.75	2,420.33
23 61 23 00-0010	EA	150 Ton Refrigerant Compressor, Rotary Screw Type	38,460.10	2,471.07
23 61 23 00-0011	EA	170 Ton Refrigerant Compressor, Rotary Screw Type	41,074.95	2,538.79
23 61 23 00-0012	EA	185 Ton Refrigerant Compressor, Rotary Screw Type	42,907.04	2,566.08
23 61 23 00-0013	EA	200 Ton Refrigerant Compressor, Rotary Screw Type	43,769.20	2,608.55
23 61 23 00-0014	EA	215 Ton Refrigerant Compressor, Rotary Screw Type	49,080.65	2,784.48
23 61 23 00-0015	EA	225 Ton Refrigerant Compressor, Rotary Screw Type	54,302.66	2,934.58
23 62	Packaged Compressor and Condenser Units <small>(23 60)</small>			
23 62 13	Packaged Air-Cooled Refrigerant Compressor and Condenser Units <small>(23 62)</small>			

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 62 Packaged Compressor and Condenser Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 62 13 00-0001		Combination Direct-Expansion Liquid Cooler And Compressors <small>(23 62 13)</small>	
Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.			
23 62 13 00-0002	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	5,630.14 349.89
23 62 13 00-0003	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	13,327.81 349.89
23 62 13 00-0004	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	23,962.50 349.89
23 62 13 00-0005	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	28,544.46 399.88
23 62 13 00-0006	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	34,103.40 499.85
23 62 13 00-0007	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	37,871.42 608.15
23 62 13 00-0008	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	38,937.43 716.18
23 62 13 00-0009	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	41,792.44 803.26
23 62 13 00-0010	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	44,535.13 841.78
23 62 13 00-0011	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	51,239.04 995.87
23 62 13 00-0012	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	57,967.08 1,147.51
23 62 13 00-0013	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	61,238.80 1,155.08
23 62 13 00-0014	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	69,312.90 1,233.45
23 62 13 00-0015	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube.....	75,875.97 1,306.89

23 62 13 00-0016		Direct-Expansion Liquid Cooler Shell And Tube Type <small>(23 62 13)</small>	
Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.			
23 62 13 00-0017	EA	1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	5,339.09 349.89
23 62 13 00-0018	EA	5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	11,671.24 349.89
23 62 13 00-0019	EA	10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	18,603.26 349.89
23 62 13 00-0020	EA	15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	20,151.63 399.88
23 62 13 00-0021	EA	20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	21,775.73 499.85
23 62 13 00-0022	EA	25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	25,955.01 608.15
23 62 13 00-0023	EA	30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	29,466.66 716.18
23 62 13 00-0024	EA	40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	37,894.65 799.57
23 62 13 00-0025	EA	50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	42,508.89 841.78
23 62 13 00-0026	EA	60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	46,323.49 994.65
23 62 13 00-0027	EA	75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	53,099.05 1,147.51
23 62 13 00-0028	EA	80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	56,216.36 1,155.08
23 62 13 00-0029	EA	90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	61,785.52 1,233.45
23 62 13 00-0030	EA	100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	70,652.01 1,306.89

23 62 13 00-0031		Packaged Chiller With Remote Air Cooled Condenser <small>(23 62 13)</small>	
Note: With remote air cooled condenser rated by cooling capacity, Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.			
23 62 13 00-0032	EA	15 Ton Packaged Chiller With Remote Air Cooled Condensers.....	35,023.81 6,308.18
		<i>For Gas Fired Engine Driven, Add</i>	6,059.01
23 62 13 00-0033	EA	20 Ton Packaged Chiller With Remote Air Cooled Condensers.....	39,610.82 6,649.16
		<i>For Gas Fired Engine Driven, Add</i>	6,925.29
23 62 13 00-0034	EA	25 Ton Packaged Chiller With Remote Air Cooled Condensers.....	46,048.31 7,235.78
		<i>For Gas Fired Engine Driven, Add</i>	8,124.83
23 62 13 00-0035	EA	30 Ton Packaged Chiller With Remote Air Cooled Condensers.....	51,543.17 7,688.07
		<i>For Gas Fired Engine Driven, Add</i>	9,156.00
23 62 13 00-0036	EA	40 Ton Packaged Chiller With Remote Air Cooled Condensers.....	64,592.40 8,483.37
		<i>For Gas Fired Engine Driven, Add</i>	11,646.61
23 62 13 00-0037	EA	50 Ton Packaged Chiller With Remote Air Cooled Condensers.....	71,345.58 8,786.31
		<i>For Gas Fired Engine Driven, Add</i>	12,951.82
23 62 13 00-0038	EA	60 Ton Packaged Chiller With Remote Air Cooled Condensers.....	77,546.25 9,462.19
		<i>For Gas Fired Engine Driven, Add</i>	14,090.63
23 62 13 00-0039	EA	70 Ton Packaged Chiller With Remote Air Cooled Condensers.....	94,475.81 10,124.23
		<i>For Gas Fired Engine Driven, Add</i>	17,358.32
23 62 13 00-0040	EA	75 Ton Packaged Chiller With Remote Air Cooled Condensers.....	95,596.08 10,318.28
		<i>For Gas Fired Engine Driven, Add</i>	17,572.24
23 62 13 00-0041	EA	80 Ton Packaged Chiller With Remote Air Cooled Condensers.....	97,287.63 10,766.95
		<i>For Gas Fired Engine Driven, Add</i>	17,843.29
23 62 13 00-0042	EA	90 Ton Packaged Chiller With Remote Air Cooled Condensers.....	108,066.76 11,256.37
		<i>For Gas Fired Engine Driven, Add</i>	19,925.74
23 62 13 00-0043	EA	100 Ton Packaged Chiller With Remote Air Cooled Condensers.....	119,677.39 11,792.41
		<i>For Gas Fired Engine Driven, Add</i>	22,167.51
23 62 13 00-0044	EA	110 Ton Packaged Chiller With Remote Air Cooled Condensers.....	132,809.35 12,382.00
		<i>For Gas Fired Engine Driven, Add</i>	24,705.50
23 62 13 00-0045	EA	120 Ton Packaged Chiller With Remote Air Cooled Condensers.....	143,667.09 13,033.71
		<i>For Gas Fired Engine Driven, Add</i>	26,779.34
23 62 13 00-0046	EA	140 Ton Packaged Chiller With Remote Air Cooled Condensers.....	158,647.42 13,757.77
		<i>For Gas Fired Engine Driven, Add</i>	29,666.85

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units (23 62)**23 62 23 00-0001 Water Cooled Condensing Units** (23 62 23)

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

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

23 62 23 00-0002	EA		5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	4,302.73	541.01
23 62 23 00-0003	EA		10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	6,514.25	790.10
23 62 23 00-0004	EA		15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	7,439.06	856.27
23 62 23 00-0005	EA		20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	9,211.03	1,027.52
23 62 23 00-0006	EA		30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	9,989.08	1,208.90
23 62 23 00-0007	EA		60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	20,828.01	1,760.24
23 62 23 00-0008	EA		80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	25,826.35	2,124.45
23 62 23 00-0009	EA		120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	35,482.74	2,324.49

23 63 Refrigerant Condensers (23 60)
23 63 13 Air-Cooled Refrigerant Condensers (23 63)
23 63 13 00-0001 Air Cooled Condensing Units (23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002	EA		6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	3,994.13	541.01
			<i>For >10 To 25, Deduct</i>	-95.24	
			<i>For >25 To 50, Deduct</i>	-158.74	
			<i>For >50, Deduct</i>	-253.98	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	617.56	
			<i>For Winter Start Control, Add</i>	208.93	
23 63 13 00-0003	EA		7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	4,782.72	642.20
			<i>For >10 To 25, Deduct</i>	-114.29	
			<i>For >25 To 50, Deduct</i>	-190.48	
			<i>For >50, Deduct</i>	-304.78	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	548.03	
			<i>For Winter Start Control, Add</i>	173.50	
23 63 13 00-0004	EA		10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	6,208.98	790.10
			<i>For >10 To 25, Deduct</i>	-150.34	
			<i>For >25 To 50, Deduct</i>	-250.57	
			<i>For >50, Deduct</i>	-400.91	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	650.19	
			<i>For Winter Start Control, Add</i>	219.99	
23 63 13 00-0005	EA		12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	7,650.36	822.02
			<i>For >10 To 25, Deduct</i>	-192.15	
			<i>For >25 To 50, Deduct</i>	-320.24	
			<i>For >50, Deduct</i>	-512.39	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	759.71	
			<i>For Winter Start Control, Add</i>	252.65	
23 63 13 00-0006	EA		15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	9,095.74	856.27
			<i>For >10 To 25, Deduct</i>	-233.95	
			<i>For >25 To 50, Deduct</i>	-389.92	
			<i>For >50, Deduct</i>	-623.87	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	792.25	
			<i>For Winter Start Control, Add</i>	207.72	
23 63 13 00-0007	EA		20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	11,707.50	1,027.52
			<i>For >10 To 25, Deduct</i>	-304.52	
			<i>For >25 To 50, Deduct</i>	-507.53	
			<i>For >50, Deduct</i>	-812.05	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	998.25	
			<i>For Winter Start Control, Add</i>	257.19	
23 63 13 00-0008	EA		25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	13,306.93	1,105.37
			<i>For >10 To 25, Deduct</i>	-349.01	
			<i>For >25 To 50, Deduct</i>	-581.68	
			<i>For >50, Deduct</i>	-930.69	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,058.18	
			<i>For Winter Start Control, Add</i>	283.67	
23 63 13 00-0009	EA		30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	15,248.99	1,206.56
			<i>For >10 To 25, Deduct</i>	-402.70	
			<i>For >25 To 50, Deduct</i>	-671.17	
			<i>For >50, Deduct</i>	-1,073.87	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,127.57	
			<i>For Winter Start Control, Add</i>	316.79	
23 63 13 00-0010	EA		40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	20,888.23	1,400.19
			<i>For >10 To 25, Deduct</i>	-561.87	
			<i>For >25 To 50, Deduct</i>	-936.44	
			<i>For >50, Deduct</i>	-1,498.31	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,476.29	
			<i>For Winter Start Control, Add</i>	403.23	
23 63 13 00-0011	EA		50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	25,374.64	1,760.24
			<i>For >10 To 25, Deduct</i>	-679.80	
			<i>For >25 To 50, Deduct</i>	-1,133.00	
			<i>For >50, Deduct</i>	-1,812.80	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,585.06	
			<i>For Winter Start Control, Add</i>	384.76	
23 63 13 00-0012	EA		60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	29,211.59	1,942.76
			<i>For >10 To 25, Deduct</i>	-788.84	
			<i>For >25 To 50, Deduct</i>	-1,314.73	
			<i>For >50, Deduct</i>	-2,103.56	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,781.04	
			<i>For Winter Start Control, Add</i>	423.18	
23 63 13 00-0013	EA		80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	37,793.65	2,124.45
			<i>For >10 To 25, Deduct</i>	-1,035.52	
			<i>For >25 To 50, Deduct</i>	-1,725.87	
			<i>For >50, Deduct</i>	-2,761.39	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,199.77	
			<i>For Winter Start Control, Add</i>	500.22	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 63 Refrigerant Condensers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 63 13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	52,090.40	1,912.85
		<i>For >10 To 25, Deduct</i>	-1,445.89	
		<i>For >25 To 50, Deduct</i>	-2,409.82	
		<i>For >50, Deduct</i>	-3,855.71	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,419.39	
		<i>For Winter Start Control, Add</i>	630.38	
23 63 13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	64,111.71	1,977.69
		<i>For >10 To 25, Deduct</i>	-1,802.57	
		<i>For >25 To 50, Deduct</i>	-3,004.29	
		<i>For >50, Deduct</i>	-4,806.86	
		<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,809.06	

23 63 13 00-0016 Air Cooled Condensing Units (23 63 13)

Note: Include compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 13 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Excludes piping and power wiring.

23 63 13 00-0017	EA	1.5 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,589.33	270.34
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-35.51	
		<i>For >25 To 50, Deduct</i>	-59.19	
		<i>For >50, Deduct</i>	-94.71	
		<i>For 14 SEER, Add</i>	248.60	
		<i>For 16 SEER, Add</i>	485.37	
		<i>For 18 SEER, Add</i>	1,053.60	
23 63 13 00-0018	EA	2 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,709.81	300.53
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-37.78	
		<i>For >25 To 50, Deduct</i>	-62.96	
		<i>For >50, Deduct</i>	-100.74	
		<i>For 14 SEER, Add</i>	264.44	
		<i>For 16 SEER, Add</i>	516.29	
		<i>For 18 SEER, Add</i>	1,120.72	
23 63 13 00-0019	EA	2.5 Ton, 13 SEER, Air Cooled Condensing Unit.....	1,814.95	330.58
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-39.58	
		<i>For >25 To 50, Deduct</i>	-65.97	
		<i>For >50, Deduct</i>	-105.55	
		<i>For 14 SEER, Add</i>	277.06	
		<i>For 16 SEER, Add</i>	540.93	
		<i>For 18 SEER, Add</i>	1,174.20	
23 63 13 00-0020	EA	3 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,083.73	360.45
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-46.29	
		<i>For >25 To 50, Deduct</i>	-77.15	
		<i>For >50, Deduct</i>	-123.44	
		<i>For 14 SEER, Add</i>	324.04	
		<i>For 16 SEER, Add</i>	632.65	
		<i>For 18 SEER, Add</i>	1,373.31	
23 63 13 00-0021	EA	3.5 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,206.78	390.69
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-48.63	
		<i>For >25 To 50, Deduct</i>	-81.05	
		<i>For >50, Deduct</i>	-129.68	
		<i>For 14 SEER, Add</i>	340.42	
		<i>For 16 SEER, Add</i>	664.63	
		<i>For 18 SEER, Add</i>	1,442.73	
23 63 13 00-0022	EA	4 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,458.93	420.74
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-54.84	
		<i>For >25 To 50, Deduct</i>	-91.41	
		<i>For >50, Deduct</i>	-146.25	
		<i>For 14 SEER, Add</i>	383.91	
		<i>For 16 SEER, Add</i>	749.54	
		<i>For 18 SEER, Add</i>	1,627.04	
23 63 13 00-0023	EA	5 Ton, 13 SEER, Air Cooled Condensing Unit.....	2,774.32	450.57
		Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
		<i>For >10 To 25, Deduct</i>	-62.95	
		<i>For >25 To 50, Deduct</i>	-104.92	
		<i>For >50, Deduct</i>	-167.88	
		<i>For 14 SEER, Add</i>	440.68	
		<i>For 15 SEER, Add</i>	503.63	
		<i>For 16 SEER, Add</i>	860.37	
		<i>For 18 SEER, Add</i>	1,867.64	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit (23 63 13)

Note: Includes storage and cleaning.

23 63 13 00-0025	EA	Remove And Reinstall Air Cooled Condensing Unit Up To 5 Tons.....	276.60	
23 63 13 00-0026	EA	Remove And Reinstall Air Cooled Condensing Unit 7.5 To 15 Tons	1,037.28	
23 63 13 00-0027	EA	Remove And Reinstall Air Cooled Condensing Unit 20 To 40 Tons	1,635.35	

23 63 23 Water-Cooled Refrigerant Condensers (23 63)**23 63 23 00-0001 Water Cooled Condensers** (23 63 23)

Note: Steel shell and copper tube type. Includes equipment rigging.

23 63 23 00-0002	EA	15 Ton Water Cooled Condenser, Shell And Tube Type	5,230.96	297.64
		<i>For Saddle Legs, Add</i>	379.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 23 00-0003	EA		20 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i>	6,806.66 492.96	399.88
23 63 23 00-0004	EA		25 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	8,895.87 647.01 406.93	499.85
23 63 23 00-0005	EA		30 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	9,378.66 672.31 422.83	608.15
23 63 23 00-0006	EA		40 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	11,228.05 798.97 502.50	777.79
23 63 23 00-0007	EA		50 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	12,819.89 913.82 574.73	874.73
23 63 23 00-0008	EA		60 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	15,569.31 1,117.34 702.73	999.70
23 63 23 00-0009	EA		75 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	19,187.73 1,384.94 871.03	1,166.31
23 63 23 00-0010	EA		100 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	21,194.96 1,503.80 945.79	1,504.85
23 63 23 00-0011	EA		150 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	30,466.72 2,205.97 1,387.40	1,794.16

23 64 Packaged Water Chillers (23 60)
23 64 13 Absorption Water Chillers (23 64)
23 64 13 16 Indirect-Fired Absorption Water Chillers (23 64 13)
23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers (23 64 13 16)

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64 13 16-0002	EA		50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	90,236.41 59,958.16	5,035.44
23 64 13 16-0003	EA		100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	114,630.66 76,384.07	6,003.42
23 64 13 16-0004	EA		150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	145,327.22 97,768.80	6,163.48
23 64 13 16-0005	EA		200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	161,046.12 108,696.70	6,280.72
23 64 13 16-0006	EA		250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	180,142.81 121,963.21	6,438.14
23 64 13 16-0007	EA		300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	203,531.11 138,090.97	6,818.00
23 64 13 16-0008	EA		350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	218,291.02 148,317.02	6,982.75
23 64 13 16-0009	EA		400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	260,164.43 177,444.99	7,268.23
23 64 13 16-0010	EA		500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	291,565.62 199,289.80	7,479.93
23 64 13 16-0011	EA		650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	358,625.71 244,256.74	10,553.92
23 64 13 16-0012	EA		750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	390,411.58 265,388.66	12,294.21
23 64 13 16-0013	EA		850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	418,208.96 284,495.74	12,840.56
23 64 13 16-0014	EA		950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	447,784.78 304,964.64	13,347.37
23 64 13 16-0015	EA		1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	512,712.86 350,120.27	13,809.93
23 64 13 16-0016	EA		1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	561,011.78 383,660.79	14,232.68
23 64 13 16-0017	EA		1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	659,458.67 450,468.22	17,544.66
23 64 13 16-0018	EA		1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	770,892.31 527,880.89	18,474.22

23 64 16 Centrifugal Water Chillers (23 64)
23 64 16 13 Air-Cooled Centrifugal Water Chillers (23 64 16)
23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers (23 64 16 13)

Note: SMARDT air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64 16 13-0002	EA		85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	121,189.09 3,312.60	4,572.82
23 64 16 13-0003	EA		175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	171,845.24 6,625.20	6,129.74
23 64 16 13-0004	EA		240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	214,381.59 9,937.80	6,482.69

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)

23 64 16 16-0001	Packaged Water-Cooled Centrifugal Water Chillers (23 64 16 16)		
	Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 V motor, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 16 16-0002	EA 180 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	116,740.11	4,707.34
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	4,367.14	
23 64 16 16-0003	EA 200 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	127,636.64	4,826.57
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	4,795.24	
23 64 16 16-0004	EA 225 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	140,808.20	4,949.25
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	5,314.32	
23 64 16 16-0005	EA 250 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	153,657.67	5,147.67
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	5,815.55	
23 64 16 16-0006	EA 275 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	166,209.22	5,438.34
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	6,298.93	
23 64 16 16-0007	EA 300 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	178,301.75	5,721.08
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	6,764.47	
23 64 16 16-0008	EA 325 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	189,996.60	6,034.77
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	7,212.11	
23 64 16 16-0009	EA 350 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	201,220.77	6,332.37
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	7,641.96	
23 64 16 16-0010	EA 375 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	211,955.35	6,603.73
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	8,053.90	
23 64 16 16-0011	EA 400 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	222,152.03	6,818.00
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	8,448.00	
23 64 16 16-0012	EA 425 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	232,100.88	7,155.77
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	8,824.25	
23 64 16 16-0013	EA 450 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	241,504.56	7,431.84
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	9,182.66	
23 64 16 16-0014	EA 475 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	250,456.28	7,704.35
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	9,523.22	
23 64 16 16-0015	EA 500 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	258,863.19	7,915.40
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	9,845.93	
23 64 16 16-0016	EA 550 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	274,109.95	8,196.08
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	10,437.77	
23 64 16 16-0017	EA 600 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	287,407.40	8,374.30
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	10,958.22	
23 64 16 16-0018	EA 650 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	299,297.61	8,788.23
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	11,407.23	
23 64 16 16-0019	EA 700 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	309,413.16	9,208.42
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	11,784.85	
23 64 16 16-0020	EA 750 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	317,814.48	9,670.70
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	12,091.20	
23 64 16 16-0021	EA 800 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	337,586.48	10,137.26
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	12,852.10	
23 64 16 16-0022	EA 850 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	357,218.68	10,602.35
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	13,607.51	
23 64 16 16-0023	EA 900 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	376,782.79	11,112.07
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	14,357.32	
23 64 16 16-0024	EA 950 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	396,288.38	11,673.27
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	15,101.49	
23 64 16 16-0025	EA 1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	415,703.37	12,398.23
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	15,840.00	
23 64 16 16-0026	EA 1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	450,978.29	14,305.70
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	17,129.75	
23 64 16 16-0027	EA 1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	484,926.19	16,218.61
	Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
	For 208/230 Volt Motor, Add	18,366.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0028	EA		1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	516,958.06 19,548.83	17,768.16
23 64 16 16-0029	EA		1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	546,705.01 20,678.06	18,722.23
23 64 16 16-0030	EA		1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	575,060.12 21,753.60	19,645.10
23 64 16 16-0031	EA		1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	601,528.18 22,776.12	20,214.56
23 64 16 16-0032	EA		1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	627,990.13 23,744.95	21,624.84
23 64 16 16-0033	EA		1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	652,548.74 24,660.24	22,679.71
23 64 16 16-0034	EA		1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	676,267.45 25,521.99	24,048.32
23 64 16 16-0035	EA		2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	697,840.25 26,330.30	24,907.21
23 64 16 16-0036	EA		2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	743,227.42 28,117.00	26,317.07
23 64 16 16-0037	EA		2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Volt Motor, Add</i>	783,565.57 29,569.32	27,896.06
23 64 16 16-0038			Magnetic Bearing, Water Cooled Centrifugal Water Chillers ^(23 64 16 16) Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039	EA		60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	76,785.85 3,312.60 3,091.76	3,960.26
23 64 16 16-0040	EA		130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	96,515.67 3,312.60 3,091.76	4,602.97
23 64 16 16-0041	EA		125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	120,567.63 6,625.20 3,091.76	4,707.34
23 64 16 16-0042	EA		240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	156,688.72 6,625.20 3,091.76	5,438.34
23 64 16 16-0043	EA		210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	157,742.26 9,937.80 3,091.76	5,147.67
23 64 16 16-0044	EA		355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	236,230.91 9,937.80 3,091.76	6,818.00
23 64 16 16-0045	EA		299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	209,426.99 12,146.20 4,306.38	6,332.37
23 64 16 16-0046	EA		540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	290,703.11 12,146.20 4,306.38	8,196.08
23 64 16 16-0047	EA		425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	260,318.30 14,354.60 4,306.38	7,155.77
23 64 16 16-0048	EA		650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	348,044.64 14,354.60 4,306.38	8,788.23
23 64 16 16-0049	EA		510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	309,682.83 16,563.00 4,527.22	7,915.40
23 64 16 16-0050	EA		800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	398,977.60 16,563.00 4,527.22	10,137.26
23 64 19			Reciprocating Water Chillers ^(23 64)		
23 64 19 00-0001			Packaged Water Cooled Reciprocating Water Chillers ^(23 64 19) Note: With reciprocation compressor integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve bypass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
23 64 19 00-0002	EA		15 Ton Packaged Water Cooled Reciprocating Water Chiller.....	17,454.75	1,317.95
23 64 19 00-0003	EA		20 Ton Packaged Water Cooled Reciprocating Water Chiller.....	20,531.86	1,554.81
23 64 19 00-0004	EA		25 Ton Packaged Water Cooled Reciprocating Water Chiller.....	22,985.89	1,601.78
23 64 19 00-0005	EA		30 Ton Packaged Water Cooled Reciprocating Water Chiller.....	25,589.62	1,758.42
23 64 19 00-0006	EA		40 Ton Packaged Water Cooled Reciprocating Water Chiller.....	30,983.23	2,196.58
23 64 19 00-0007	EA		50 Ton Packaged Water Cooled Reciprocating Water Chiller.....	35,109.02	2,407.22

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 64 19 00-0008 EA 60 Ton Packaged Water Cooled Reciprocating Water Chiller36,387.48 2,659.68

23 64 23 Scroll Water Chillers (23 64)**23 64 23 00-0001 Packaged Air Cooled Scroll Water Chillers (23 64 23)**

Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type and include scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel.

23 64 23 00-0002	EA	10 Ton Packaged Air Cooled Scroll Water Chiller.....	15,151.61	1,229.40
23 64 23 00-0003	EA	15 Ton Packaged Air Cooled Scroll Water Chiller.....	22,045.73	1,245.16
23 64 23 00-0004	EA	18 Ton Packaged Air Cooled Scroll Water Chiller.....	24,050.11	1,331.85
23 64 23 00-0005	EA	22 Ton Packaged Air Cooled Scroll Water Chiller.....	26,442.81	1,426.41
23 64 23 00-0006	EA	25 Ton Packaged Air Cooled Scroll Water Chiller.....	26,901.65	1,520.97
23 64 23 00-0007	EA	30 Ton Packaged Air Cooled Scroll Water Chiller.....	28,398.54	1,631.31
23 64 23 00-0008	EA	40 Ton Packaged Air Cooled Scroll Water Chiller.....	32,431.49	1,765.29
23 64 23 00-0009	EA	45 Ton Packaged Air Cooled Scroll Water Chiller.....	34,834.04	1,915.01
23 64 23 00-0010	EA	50 Ton Packaged Air Cooled Scroll Water Chiller.....	36,764.98	1,970.18
23 64 23 00-0011	EA	55 Ton Packaged Air Cooled Scroll Water Chiller.....	38,397.68	2,056.87
23 64 23 00-0012	EA	60 Ton Packaged Air Cooled Scroll Water Chiller.....	39,688.12	2,127.79
23 64 23 00-0013	EA	70 Ton Packaged Air Cooled Scroll Water Chiller.....	45,764.28	2,395.74
23 64 23 00-0014	EA	80 Ton Packaged Air Cooled Scroll Water Chiller.....	49,281.21	2,624.28
23 64 23 00-0015	EA	90 Ton Packaged Air Cooled Scroll Water Chiller.....	50,161.25	2,632.16
23 64 23 00-0016	EA	100 Ton Packaged Air Cooled Scroll Water Chiller.....	53,015.09	2,640.04
23 64 23 00-0017	EA	110 Ton Packaged Air Cooled Scroll Water Chiller.....	55,791.62	2,647.92
23 64 23 00-0018	EA	120 Ton Packaged Air Cooled Scroll Water Chiller.....	58,602.65	2,655.81
23 64 23 00-0019	EA	130 Ton Packaged Air Cooled Scroll Water Chiller.....	61,559.91	2,663.68

23 64 23 00-0020 Packaged Water Cooled Scroll Water Chillers (23 64 23)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type and include hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 00-0021	EA	20 Ton Packaged Water Cooled Scroll Water Chiller	33,398.59	1,554.81
23 64 23 00-0022	EA	25 Ton Packaged Water Cooled Scroll Water Chiller	38,539.06	1,601.78
23 64 23 00-0023	EA	30 Ton Packaged Water Cooled Scroll Water Chiller	42,765.34	1,758.42
23 64 23 00-0024	EA	40 Ton Packaged Water Cooled Scroll Water Chiller	52,483.47	2,196.58
23 64 23 00-0025	EA	50 Ton Packaged Water Cooled Scroll Water Chiller	58,074.27	2,407.22
23 64 23 00-0026	EA	60 Ton Packaged Water Cooled Scroll Water Chiller	60,944.60	2,659.68

23 64 26 Rotary-Screw Water Chillers (23 64)**23 64 26 00-0001 Packaged Air Cooled Rotary-Screw Water Chillers (23 64 26)**

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 V motor, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel.

23 64 26 00-0002	EA	70 Ton Packaged Air Cooled Rotary-Screw Water Chiller	88,450.23	3,018.32
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,258.90	
		<i>For 208/230 Volt Motor, Add</i>	3,357.07	
23 64 26 00-0003	EA	80 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	95,050.84	3,278.38
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,352.12	
		<i>For 208/230 Volt Motor, Add</i>	3,605.65	
23 64 26 00-0004	EA	90 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	99,993.34	3,420.24
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,422.94	
		<i>For 208/230 Volt Motor, Add</i>	3,794.52	
23 64 26 00-0005	EA	100 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	103,646.18	3,680.30
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,471.95	
		<i>For 208/230 Volt Motor, Add</i>	3,925.19	
23 64 26 00-0006	EA	110 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	111,264.82	3,861.55
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,582.21	
		<i>For 208/230 Volt Motor, Add</i>	4,219.21	
23 64 26 00-0007	EA	120 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	118,289.68	3,940.36
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,685.69	
		<i>For 208/230 Volt Motor, Add</i>	4,495.17	
23 64 26 00-0008	EA	130 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	124,896.11	4,074.33
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,781.83	
		<i>For 208/230 Volt Motor, Add</i>	4,751.54	
23 64 26 00-0009	EA	140 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	128,903.63	4,161.02
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,839.93	
		<i>For 208/230 Volt Motor, Add</i>	4,906.48	
23 64 26 00-0010	EA	160 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	136,161.70	4,247.71
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,946.79	
		<i>For 208/230 Volt Motor, Add</i>	5,191.45	
23 64 26 00-0011	EA	170 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	142,146.42	4,381.68
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,033.61	
		<i>For 208/230 Volt Motor, Add</i>	5,422.96	
23 64 26 00-0012	EA	180 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	149,914.70	4,555.06
		<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,146.23	
		<i>For 208/230 Volt Motor, Add</i>	5,723.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 00-0013	EA		200 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	156,743.44 -2,246.65 5,991.08	4,649.62
23 64 26 00-0014	EA		215 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	168,102.80 -2,415.15 6,440.41	4,728.43
23 64 26 00-0015	EA		225 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	175,654.69 -2,527.48 6,739.96	4,775.72
23 64 26 00-0016	EA		240 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	183,206.57 -2,639.82 7,039.51	4,815.12
23 64 26 00-0017	EA		260 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	205,814.96 -2,976.82 7,938.17	4,909.69
23 64 26 00-0018	EA		280 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	217,182.19 -3,145.31 8,387.51	5,004.26
23 64 26 00-0019	EA		300 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	232,285.97 -3,369.98 8,986.61	5,083.06
23 64 26 00-0020	EA		325 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	254,878.59 -3,706.98 9,885.27	5,169.75
23 64 26 00-0021	EA		350 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Volt Motor, Add</i>	277,992.22 -4,052.15 10,805.72	5,232.80

23 64 26 00-0022
Packaged Water Cooled Helical Rotary Water Chillers ^(23 64 26)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 00-0023	EA		70 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	65,156.48	3,712.74
23 64 26 00-0024	EA		80 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	70,819.09	3,857.12
23 64 26 00-0025	EA		90 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	75,730.97	3,960.26
23 64 26 00-0026	EA		100 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	79,973.26	4,127.34
23 64 26 00-0027	EA		110 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	84,213.24	4,240.78
23 64 26 00-0028	EA		125 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	89,383.23	4,359.83
23 64 26 00-0029	EA		130 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	91,676.70	4,481.69
23 64 26 00-0030	EA		150 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	99,377.37	4,602.97
23 64 26 00-0031	EA		175 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	106,864.65	4,716.91
23 64 26 00-0032	EA		190 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	110,497.16	4,952.79
23 64 26 00-0033	EA		200 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	112,578.16	5,191.65
23 64 26 00-0034	EA		210 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	114,098.85	5,302.79
23 64 26 00-0035	EA		235 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	124,052.61	5,418.78
23 64 26 00-0036	EA		255 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	131,810.73	5,666.80
23 64 26 00-0037	EA		275 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	139,151.28	5,896.16
23 64 26 00-0038	EA		300 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	147,700.60	6,129.74
23 64 26 00-0039	EA		350 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	162,140.33	6,673.03
23 64 26 00-0040	EA		400 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	173,937.46	7,339.67
23 64 26 00-0041	EA		450 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	183,104.44	8,073.97

23 65 Cooling Towers ^(23 60)
23 65 00 00-0001
Fiberglass Cooling Tower Sump Basins ^(23 65)

Note: Includes 1 inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel.

23 65 00 00-0002	EA		30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	827.17	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 00 00-0003	EA		30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	937.88	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 00 00-0004	EA		36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	912.97	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 00 00-0005	EA		36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,074.70	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 00 00-0006	EA		42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,170.90	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0007	EA		42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,297.56	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0008	EA		42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,424.21	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 00 00-0009	EA		48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,426.87	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
			<i>For Perforated Basins, Add</i>	140.00	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 65 Cooling Towers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 65 00 00-0010	EA	48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,572.38	
		<i>For Anti-Flotation Flanges, Add</i>	294.00	
		<i>For Perforated Basins, Add</i>	140.00	
23 65 00 00-0011	EA	48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,798.16	
		<i>For Anti-Flotation Flanges, Add</i>	294.00	
		<i>For Perforated Basins, Add</i>	140.00	
23 65 00 00-0012	EA	48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	2,025.37	
		<i>For Anti-Flotation Flanges, Add</i>	294.00	
		<i>For Perforated Basins, Add</i>	140.00	
23 65 00 00-0013	EA	48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	2,167.97	
		<i>For Anti-Flotation Flanges, Add</i>	294.00	
		<i>For Perforated Basins, Add</i>	140.00	

23 65 00 00-0014 Induced Draft Axial Single Flow Propeller Type Cooling Towers (23 65)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb, 3 GPM/ton. Excludes crane and associated personnel.

23 65 00 00-0015	EA	10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	5,829.42	882.64
23 65 00 00-0016	EA	20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	6,882.76	953.57
23 65 00 00-0017	EA	30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	8,208.69	1,071.78
23 65 00 00-0018	EA	40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	9,107.64	1,182.11
23 65 00 00-0019	EA	50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	10,763.67	1,308.20
23 65 00 00-0020	EA	60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	12,489.85	1,410.65
23 65 00 00-0021	EA	75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	14,332.58	1,599.79
23 65 00 00-0022	EA	100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	17,900.05	2,009.59
23 65 00 00-0023	EA	125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	19,535.66	2,246.00
23 65 00 00-0024	EA	150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	29,549.67	2,529.71
23 65 00 00-0025	EA	200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	35,787.68	3,160.17
23 65 00 00-0026	EA	300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	46,650.51	5,185.51

23 65 00 00-0027 Induced Draft Double Flow Propeller Type Packaged Cooling Towers (23 65)

Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 00 00-0028	EA	100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	17,900.05	2,009.59
23 65 00 00-0029	EA	150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	23,799.68	2,529.71
23 65 00 00-0030	EA	200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	30,221.96	3,160.17
23 65 00 00-0031	EA	250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	35,927.16	3,956.13
23 65 00 00-0032	EA	300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	42,849.75	5,185.51
23 65 00 00-0033	EA	350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	47,779.68	5,839.62
23 65 00 00-0034	EA	400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	53,251.30	6,402.02
23 65 00 00-0035	EA	450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	60,299.91	7,100.52
23 65 00 00-0036	EA	500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	67,905.19	7,699.46
23 65 00 00-0037	EA	550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	72,658.47	8,117.14
23 65 00 00-0038	EA	600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	77,787.93	8,337.80
23 65 00 00-0039	EA	700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	87,915.85	8,621.51
23 65 00 00-0040	EA	800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	96,437.76	9,504.15
23 65 00 00-0041	EA	900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower.....	106,532.70	10,465.60

23 65 00 00-0042 Induced Draft Crossflow Film Filled Propeller Type Cooling Towers (23 65)

Note: Galvanized Steel. Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.

23 65 00 00-0043	EA	10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	4,993.71	882.64
		<i>For Polymer Coating Over Galvanized Components, Add</i>	550.46	
23 65 00 00-0044	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	5,371.72	898.41
		<i>For Polymer Coating Over Galvanized Components, Add</i>	604.80	
23 65 00 00-0045	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	5,844.31	977.21
		<i>For Polymer Coating Over Galvanized Components, Add</i>	656.78	
23 65 00 00-0046	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	6,797.24	1,024.49
		<i>For Polymer Coating Over Galvanized Components, Add</i>	789.08	
23 65 00 00-0047	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	7,671.41	1,071.78
		<i>For Polymer Coating Over Galvanized Components, Add</i>	909.56	
23 65 00 00-0048	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	8,529.85	1,126.94
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,025.33	
23 65 00 00-0049	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	9,317.41	1,182.11
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,131.64	
23 65 00 00-0050	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	10,191.60	1,245.16
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,249.76	
23 65 00 00-0051	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	11,050.05	1,308.20
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,363.16	
23 65 00 00-0052	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	12,727.53	1,410.65
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,592.33	
23 65 00 00-0053	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	14,546.78	1,520.97
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,840.39	
23 65 00 00-0054	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	15,397.36	1,599.79
		<i>For Polymer Coating Over Galvanized Components, Add</i>	1,951.43	
23 65 00 00-0055	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	16,342.51	1,733.76
		<i>For Polymer Coating Over Galvanized Components, Add</i>	2,062.46	
23 65 00 00-0056	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	17,051.41	1,867.73
		<i>For Polymer Coating Over Galvanized Components, Add</i>	2,138.06	
23 65 00 00-0057	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	18,382.60	2,009.59
		<i>For Polymer Coating Over Galvanized Components, Add</i>	2,272.73	
23 65 00 00-0058	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower.....	19,186.12	2,246.00
		<i>For Polymer Coating Over Galvanized Components, Add</i>	2,336.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0059	EA		150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	22,257.70 2,728.69	2,529.71
23 65 00 00-0060	EA		175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	24,604.81 3,007.46	2,837.06
23 65 00 00-0061	EA		200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	25,959.68 3,132.68	3,160.17
23 65 00 00-0062	EA		225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	29,976.40 3,638.25	3,562.09
23 65 00 00-0063	EA		250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	32,882.74 3,978.45	3,956.13
23 65 00 00-0064	EA		275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	35,316.95 4,169.81	4,681.15
23 65 00 00-0065	EA		300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	38,152.55 4,472.21	5,185.51
23 65 00 00-0066	EA		350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	43,579.19 5,128.99	5,839.62
23 65 00 00-0067	EA		400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	48,029.22 5,660.55	6,407.02
23 65 00 00-0068	EA		450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	53,093.65 6,253.54	7,100.52
23 65 00 00-0069	EA		500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	57,842.98 6,820.54	7,699.46
23 65 00 00-0070	EA		600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	65,954.97 7,883.66	8,337.80
23 65 00 00-0071	EA		700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	73,656.81 9,020.03	8,621.51
23 65 00 00-0072	EA		800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	82,288.82 10,106.78	9,504.15
23 65 00 00-0073	EA		900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	90,700.42 11,141.55	10,465.60
23 65 00 00-0074	EA		1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	98,994.04 12,126.71	11,568.90
23 65 00 00-0075	EA		1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	108,169.05 13,371.75	12,128.43
23 65 00 00-0076	EA		1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	117,013.29 14,574.26	12,648.55
23 65 00 00-0077	EA		1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	124,558.76 15,450.75	13,736.09
23 65 00 00-0078	EA		1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	131,899.60 16,277.63	14,902.44
23 65 00 00-0079	EA		1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	139,012.13 17,054.89	16,131.83
23 65 00 00-0080	EA		1,600 Ton Induced Draft Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	145,565.39 17,777.81	17,243.02
23 65 00 00-0081	EA		1,700 Ton Induced Draft Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	152,032.20 18,448.76	18,511.81
23 65 00 00-0082	EA		1,800 Ton Induced Draft Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	158,483.48 19,070.10	19,977.63
23 65 00 00-0083	EA		1,900 Ton Induced Draft Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	164,564.68 19,637.10	21,443.43
23 65 00 00-0084	EA		2,000 Ton Induced Draft Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i>	171,150.47 20,154.49	23,445.14
23 65 00 00-0085			Draw-Thru Fiberglass Packaged Propeller Type Cooling Towers <small>(23 65)</small>		
<small>Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.</small>					
23 65 00 00-0086	EA		5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	2,135.41	488.60
23 65 00 00-0087	EA		8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	2,399.54	606.82
23 65 00 00-0088	EA		10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	2,885.26	685.62
23 65 00 00-0089	EA		15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	3,332.32	748.67
23 65 00 00-0090	EA		20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	4,311.90	811.72
23 65 00 00-0091	EA		25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	4,617.60	890.52
23 65 00 00-0092	EA		30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	5,261.20	1,158.47
23 65 00 00-0093	EA		40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	6,016.91	1,056.02
23 65 00 00-0094	EA		50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	6,786.21	1,213.63
23 65 00 00-0095	EA		60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	7,666.87	1,355.48
23 65 00 00-0096	EA		70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	8,854.65	1,497.34
23 65 00 00-0097	EA		80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	10,184.62	1,899.25
23 65 00 00-0098	EA		100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	12,004.01	2,143.55
23 65 00 00-0099	EA		125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	14,677.31	2,379.98
23 65 00 00-0100	EA		150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	16,186.45	2,498.19
23 65 00 00-0101	EA		175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	19,240.21	2,608.52
23 65 00 00-0102	EA		200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	21,169.73	2,726.73
23 65 00 00-0103	EA		225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	23,038.86	2,844.94
23 65 00 00-0104	EA		250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	24,999.26	3,073.48
23 65 00 00-0105	EA		300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	29,024.93	3,428.11
23 65 00 00-0106	EA		350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	32,870.61	3,790.63
23 65 00 00-0107	EA		400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	37,096.19	4,492.01
23 65 00 00-0108	EA		500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	44,787.53	5,217.04
23 65 00 00-0109	EA		600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	51,196.80	5,658.35
23 65 00 00-0110	EA		700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	57,623.70	6,407.02
23 65 00 00-0111	EA		800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	63,517.71	7,163.57
23 65 00 00-0112	EA		1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	75,127.10	7,920.12

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 65 Cooling Towers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0113			Stainless Steel Packaged Propeller Type Cooling Towers ^(23 65) Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
23 65 00 00-0114			Draw-Thru Stainless Steel Propeller Type Cooling Towers ^(23 65 00 00-0113) Note: Excludes crane and associated personnel.		
23 65 00 00-0115	EA		50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	13,576.08	1,308.20
23 65 00 00-0116	EA		75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	19,091.76	1,599.79
23 65 00 00-0117	EA		100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	22,713.05	2,009.59
23 65 00 00-0118	EA		125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	25,720.97	2,246.00
23 65 00 00-0119	EA		150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	28,270.49	2,529.71
23 65 00 00-0120	EA		200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	34,001.31	3,160.17
23 65 00 00-0121	EA		250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	40,212.75	3,956.13
23 65 00 00-0122	EA		300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	48,076.35	5,185.51
23 65 00 00-0123	EA		350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	52,763.26	5,839.62
23 65 00 00-0124	EA		400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	59,642.64	6,407.02
23 65 00 00-0125	EA		500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	69,362.78	7,699.46
23 65 00 00-0126	EA		600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	78,013.55	8,337.80
23 65 00 00-0127	EA		750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	95,677.73	9,062.83
23 65 00 00-0128	EA		1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	121,398.59	11,442.81
23 65 00 00-0129			Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers ^(23 65 00 00-0113) Note: Excludes crane and associated personnel.		
23 65 00 00-0130	EA		100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	31,575.50	2,009.59
			<i>For Induced Draft Counter Flow Type, Add</i>	1,417.22	
23 65 00 00-0131	EA		125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	35,761.71	2,230.24
			<i>For Induced Draft Counter Flow Type, Add</i>	1,607.62	
23 65 00 00-0132	EA		150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	39,145.24	2,529.71
			<i>For Induced Draft Counter Flow Type, Add</i>	1,753.94	
23 65 00 00-0133	EA		200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	43,797.19	3,160.17
			<i>For Induced Draft Counter Flow Type, Add</i>	1,936.10	
23 65 00 00-0134	EA		250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	49,918.11	3,956.13
			<i>For Induced Draft Counter Flow Type, Add</i>	2,177.92	
23 65 00 00-0135	EA		300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	57,836.62	5,185.51
			<i>For Induced Draft Counter Flow Type, Add</i>	2,474.94	
23 65 00 00-0136	EA		350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	63,164.62	5,839.62
			<i>For Induced Draft Counter Flow Type, Add</i>	2,688.93	
23 65 00 00-0137	EA		400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	68,350.75	6,407.02
			<i>For Induced Draft Counter Flow Type, Add</i>	2,902.93	
23 65 00 00-0138	EA		500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	79,140.86	7,699.46
			<i>For Induced Draft Counter Flow Type, Add</i>	3,338.41	
23 65 00 00-0139	EA		600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	89,098.90	8,337.80
			<i>For Induced Draft Counter Flow Type, Add</i>	3,785.08	
23 65 00 00-0140	EA		750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	109,523.84	9,062.83
			<i>For Induced Draft Counter Flow Type, Add</i>	4,727.52	
23 65 00 00-0141	EA		1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower.....	141,509.32	11,568.90
			<i>For Induced Draft Counter Flow Type, Add</i>	6,168.00	
23 65 00 00-0142			Belt Driven Stainless Steel Propeller Type Cooling Towers ^(23 65 00 00-0113) Note: Excludes crane and associated personnel.		
23 65 00 00-0143	EA		100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	23,590.10	2,009.59
23 65 00 00-0144	EA		125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	25,584.44	2,246.00
23 65 00 00-0145	EA		150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	27,659.08	2,529.71
23 65 00 00-0146	EA		200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	32,845.27	3,160.17
23 65 00 00-0147	EA		250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	36,593.27	3,956.13
23 65 00 00-0148			Blow-Thru Centrifugal Fan Type Cooling Towers ^(23 65) Note: Including 2-speed motor internal piping, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.		
23 65 00 00-0149	EA		50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	11,287.56	1,308.20
			<i>For Stainless Steel Cooling Tower, Add</i>	5,595.16	
23 65 00 00-0150	EA		75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	15,485.14	1,599.79
			<i>For Stainless Steel Cooling Tower, Add</i>	7,858.37	
23 65 00 00-0151	EA		100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	19,471.73	2,009.59
			<i>For Stainless Steel Cooling Tower, Add</i>	9,744.38	
23 65 00 00-0152	EA		125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	22,429.54	2,246.00
			<i>For Stainless Steel Cooling Tower, Add</i>	11,292.10	
23 65 00 00-0153	EA		150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	25,620.83	2,529.71
			<i>For Stainless Steel Cooling Tower, Add</i>	12,932.63	
23 65 00 00-0154	EA		175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	28,803.74	2,837.06
			<i>For Stainless Steel Cooling Tower, Add</i>	14,549.21	
23 65 00 00-0155	EA		200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	32,317.52	3,160.17
			<i>For Stainless Steel Cooling Tower, Add</i>	16,345.40	
23 65 00 00-0156	EA		225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	35,358.67	3,562.09
			<i>For Stainless Steel Cooling Tower, Add</i>	17,782.36	
23 65 00 00-0157	EA		250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	38,551.60	3,956.13
			<i>For Stainless Steel Cooling Tower, Add</i>	19,315.12	
23 65 00 00-0158	EA		275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	42,344.49	4,681.15
			<i>For Stainless Steel Cooling Tower, Add</i>	20,895.77	
23 65 00 00-0159	EA		300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	46,057.96	5,185.51
			<i>For Stainless Steel Cooling Tower, Add</i>	22,632.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 00 00-0160 EA 325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	48,542.35 23,829.56	5,516.50
23 65 00 00-0161 EA 350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	51,446.92 25,236.59	5,839.62
23 65 00 00-0162 EA 375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	54,249.03 26,643.61	6,123.32
23 65 00 00-0163 EA 400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	57,442.42 28,290.12	6,407.02
23 65 00 00-0164 EA 425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	60,845.93 29,996.51	6,753.77
23 65 00 00-0165 EA 450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	64,690.61 31,972.33	7,100.52
23 65 00 00-0166 EA 475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	68,414.47 33,918.21	7,400.00
23 65 00 00-0167 EA 500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	72,146.22 35,864.09	7,699.46
23 65 00 00-0168 EA 550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	79,144.74 39,755.86	8,022.57
23 65 00 00-0169 EA 600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	86,741.98 44,006.86	8,337.80
23 65 00 00-0170 EA 650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	89,798.70 45,803.06	8,511.17
23 65 00 00-0171 EA 700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	93,454.13 47,958.49	8,621.51
23 65 00 00-0172 EA 750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	97,839.84 50,173.81	9,062.83
23 65 00 00-0173 EA 800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	102,924.03 52,808.23	9,504.15
23 65 00 00-0174 EA 850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	108,071.30 55,442.65	9,984.87
23 65 00 00-0175 EA 900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	114,016.86 58,556.06	10,465.60
23 65 00 00-0176 EA 950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	120,172.54 61,729.34	11,017.25
23 65 00 00-0177 EA 1,000 Ton Centrifugal Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	127,118.65 65,381.62	11,568.90

23 70 Central HVAC Equipment ⁽²³⁾

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 71 Thermal Storage ^(23 70)

23 71 13 Thermal Heat Storage ^(23 71)

23 71 13 23 Pressurized-Water Thermal Storage Tanks ^(23 71 13)

23 71 13 23-0001 Nickelshield Storage Tanks ^(23 71 13 23)

23 71 13 23-0002 EA 325 Gallon Nickelshield Storage Tank.....	15,445.41	151.32
23 71 13 23-0003 EA 490 Gallon Nickelshield Storage Tank.....	21,549.68	200.62
23 71 13 23-0004 EA 605 Gallon Nickelshield Storage Tank.....	24,676.50	242.66
23 71 13 23-0005 EA 740 Gallon Nickelshield Storage Tank.....	29,223.88	303.32
23 71 13 23-0006 EA 940 Gallon Nickelshield Storage Tank.....	34,020.55	403.21
23 71 13 23-0007 EA 1,505 Gallon Nickelshield Storage Tank.....	43,990.90	606.71
23 71 13 23-0008 EA 1,615 Gallon Nickelshield Storage Tank.....	49,676.38	683.35
23 71 13 23-0009 EA 2,275 Gallon Nickelshield Storage Tank.....	68,206.56	907.68
23 71 13 23-0010 EA 3,815 Gallon Nickelshield Storage Tank.....	88,205.37	1,055.21

23 72 Air-To-Air Energy Recovery Equipment ^(23 70)

23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment ^(23 72)

23 72 13 00-0001 Enthalpy Recovery Wheel ^(23 72 13)

23 72 13 00-0002 EA Up To 1,000 CFM Enthalpy Recovery Wheel.....	5,600.73	563.54
23 72 13 00-0003 EA >1,000 To 2,000 CFM Enthalpy Recovery Wheel.....	6,248.05	676.42
23 72 13 00-0004 EA >2,000 To 4,000 CFM Enthalpy Recovery Wheel.....	7,817.62	845.53
23 72 13 00-0005 EA >4,000 To 6,000 CFM Enthalpy Recovery Wheel.....	9,128.48	966.01
23 72 13 00-0006 EA >6,000 To 8,000 CFM Enthalpy Recovery Wheel.....	10,067.71	1,014.63
23 72 13 00-0007 EA >8,000 To 10,000 CFM Enthalpy Recovery Wheel.....	12,172.75	1,127.50
23 72 13 00-0008 EA >10,000 To 15,000 CFM Enthalpy Recovery Wheel.....	15,981.71	1,183.73
23 72 13 00-0009 EA >15,000 To 20,000 CFM Enthalpy Recovery Wheel.....	19,782.77	1,268.28
23 72 13 00-0010 EA >20,000 To 25,000 CFM Enthalpy Recovery Wheel.....	23,905.00	1,449.22
23 72 13 00-0011 EA >25,000 To 30,000 CFM Enthalpy Recovery Wheel.....	26,931.17	1,860.16
23 72 13 00-0012 EA >30,000 To 40,000 CFM Enthalpy Recovery Wheel.....	35,865.38	2,113.81
23 72 13 00-0013 EA >40,000 To 50,000 CFM Enthalpy Recovery Wheel.....	42,671.35	2,536.57

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment ^(23 72)

23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient ^(23 72 16)

23 72 16 00-0002 EA 100 MBH, 1,700 CFM Glycol Heat Recovery Unit.....	9,741.21	422.76
23 72 16 00-0003 EA 160 MBH, 2,700 CFM Glycol Heat Recovery Unit.....	15,255.80	563.71
23 72 16 00-0004 EA 620 MBH, 4,000 CFM Glycol Heat Recovery Unit.....	22,622.06	845.53

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 73 Indoor Central-Station Air-Handling Units (23 70)**23 73 13 Modular Indoor Central-Station Air-Handling Units** (23 73)

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units (23 73 13)

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73 13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	1,591.88	452.84
		For Flat Filter Box And Throwaway Filters, Add	126.84	
		For Medium Capacity Filter Box And Throwaway Filters, Add	234.28	
		For Combination Filter Mixing Box And Throwaway Filters, Add	348.18	
		For Manual Roll Filter, Add	584.42	
		For Automatic Roll Filter, Add	631.67	
		For Hot Water Heating Coil, Aluminum Fins, Add	300.93	
		For Electric Heating Coil, Add	489.92	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	489.92	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	442.68	
		For Steam Heating Coil, Aluminum Fins, Add	395.43	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	315.83	
		For Chilled Water Cooling Coil, Copper Fins, Add	584.42	
		For Direct Expansion Cooling Coil, Copper Fins, Add	537.17	
		For Hot Water Heating Coil, Copper Fins, Add	395.43	
		For Variable Air Volume, Add	132.29	
		For Economizer, Panel, Controls And Damper(s), Add	1,092.84	
		For 2 Coils, Independent Circuits, Add	178.09	
23 73 13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,447.53	543.42
		For Flat Filter Box And Throwaway Filters, Add	205.97	
		For Medium Capacity Filter Box And Throwaway Filters, Add	388.67	
		For Combination Filter Mixing Box And Throwaway Filters, Add	579.12	
		For Manual Roll Filter, Add	997.09	
		For Automatic Roll Filter, Add	1,080.68	
		For Hot Water Heating Coil, Aluminum Fins, Add	495.53	
		For Electric Heating Coil, Add	829.90	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	829.90	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	746.31	
		For Steam Heating Coil, Aluminum Fins, Add	662.72	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	540.34	
		For Chilled Water Cooling Coil, Copper Fins, Add	997.09	
		For Direct Expansion Cooling Coil, Copper Fins, Add	913.49	
		For Hot Water Heating Coil, Copper Fins, Add	662.72	
		For Variable Air Volume, Add	234.06	
		For Economizer, Panel, Controls And Damper(s), Add	1,182.98	
		For 2 Coils, Independent Circuits, Add	278.19	
23 73 13 00-0004	EA	800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	2,755.01	583.60
		For Flat Filter Box And Throwaway Filters, Add	233.82	
		For Medium Capacity Filter Box And Throwaway Filters, Add	442.63	
		For Combination Filter Mixing Box And Throwaway Filters, Add	659.77	
		For Manual Roll Filter, Add	1,140.11	
		For Automatic Roll Filter, Add	1,236.18	
		For Hot Water Heating Coil, Aluminum Fins, Add	563.70	
		For Electric Heating Coil, Add	947.97	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	947.97	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	851.91	
		For Steam Heating Coil, Aluminum Fins, Add	755.84	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	618.09	
		For Chilled Water Cooling Coil, Copper Fins, Add	1,140.11	
		For Direct Expansion Cooling Coil, Copper Fins, Add	1,044.04	
		For Hot Water Heating Coil, Copper Fins, Add	755.84	
		For Variable Air Volume, Add	268.99	
		For Economizer, Panel, Controls And Damper(s), Add	1,223.56	
		For 2 Coils, Independent Circuits, Add	313.93	
23 73 13 00-0005	EA	1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,096.32	627.11
		For Flat Filter Box And Throwaway Filters, Add	264.83	
		For Medium Capacity Filter Box And Throwaway Filters, Add	502.78	
		For Combination Filter Mixing Box And Throwaway Filters, Add	749.69	
		For Manual Roll Filter, Add	1,299.77	
		For Automatic Roll Filter, Add	1,409.79	
		For Hot Water Heating Coil, Aluminum Fins, Add	639.68	
		For Electric Heating Coil, Add	1,079.74	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	1,079.74	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	969.73	
		For Steam Heating Coil, Aluminum Fins, Add	859.71	
		For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	704.89	
		For Chilled Water Cooling Coil, Copper Fins, Add	1,299.77	
		For Direct Expansion Cooling Coil, Copper Fins, Add	1,189.76	
		For Hot Water Heating Coil, Copper Fins, Add	859.71	
		For Variable Air Volume, Add	308.04	
		For Economizer, Panel, Controls And Damper(s), Add	1,267.21	
		For 2 Coils, Independent Circuits, Add	353.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0006	EA		1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,496.97	674.65
			For Flat Filter Box And Throwaway Filters, Add	301.56	
			For Medium Capacity Filter Box And Throwaway Filters, Add	574.25	
			For Combination Filter Mixing Box And Throwaway Filters, Add	856.56	
			For Manual Roll Filter, Add	1,490.13	
			For Automatic Roll Filter, Add	1,616.84	
			For Hot Water Heating Coil, Aluminum Fins, Add	729.84	
			For Electric Heating Coil, Add	1,236.70	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,236.70	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,109.98	
			For Steam Heating Coil, Aluminum Fins, Add	983.27	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	808.42	
			For Chilled Water Cooling Coil, Copper Fins, Add	1,490.13	
			For Direct Expansion Cooling Coil, Copper Fins, Add	1,363.41	
			For Hot Water Heating Coil, Copper Fins, Add	983.27	
			For Variable Air Volume, Add	354.80	
			For Economizer, Panel, Controls And Damper(s), Add	1,313.88	
			For 2 Coils, Independent Circuits, Add	400.38	
23 73 13 00-0007	EA		1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	3,962.93	725.04
			For Flat Filter Box And Throwaway Filters, Add	344.51	
			For Medium Capacity Filter Box And Throwaway Filters, Add	657.94	
			For Combination Filter Mixing Box And Throwaway Filters, Add	981.73	
			For Manual Roll Filter, Add	1,713.53	
			For Automatic Roll Filter, Add	1,659.89	
			For Hot Water Heating Coil, Aluminum Fins, Add	835.37	
			For Electric Heating Coil, Add	1,420.81	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,420.81	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,274.45	
			For Steam Heating Coil, Aluminum Fins, Add	1,128.09	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	929.95	
			For Chilled Water Cooling Coil, Copper Fins, Add	1,713.53	
			For Direct Expansion Cooling Coil, Copper Fins, Add	1,567.17	
			For Hot Water Heating Coil, Copper Fins, Add	1,128.09	
			For Variable Air Volume, Add	409.81	
			For Economizer, Panel, Controls And Damper(s), Add	1,365.01	
			For 2 Coils, Independent Circuits, Add	454.84	
23 73 13 00-0008	EA		1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,333.05	779.46
			For Flat Filter Box And Throwaway Filters, Add	377.75	
			For Medium Capacity Filter Box And Throwaway Filters, Add	722.16	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,077.68	
			For Manual Roll Filter, Add	1,883.16	
			For Automatic Roll Filter, Add	2,044.25	
			For Hot Water Heating Coil, Aluminum Fins, Add	916.59	
			For Electric Heating Coil, Add	1,560.97	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,560.97	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,399.87	
			For Steam Heating Coil, Aluminum Fins, Add	1,238.78	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,022.13	
			For Chilled Water Cooling Coil, Copper Fins, Add	1,883.16	
			For Direct Expansion Cooling Coil, Copper Fins, Add	1,722.06	
			For Hot Water Heating Coil, Copper Fins, Add	1,238.78	
			For Variable Air Volume, Add	451.06	
			For Economizer, Panel, Controls And Damper(s), Add	1,417.81	
			For 2 Coils, Independent Circuits, Add	497.74	
23 73 13 00-0009	EA		1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,736.00	840.02
			For Flat Filter Box And Throwaway Filters, Add	413.61	
			For Medium Capacity Filter Box And Throwaway Filters, Add	791.23	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,180.84	
			For Manual Roll Filter, Add	2,064.90	
			For Automatic Roll Filter, Add	2,241.71	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,004.03	
			For Electric Heating Coil, Add	1,711.28	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,711.28	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,534.47	
			For Steam Heating Coil, Aluminum Fins, Add	1,357.66	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,120.86	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,064.90	
			For Direct Expansion Cooling Coil, Copper Fins, Add	1,888.09	
			For Hot Water Heating Coil, Copper Fins, Add	1,357.66	
			For Variable Air Volume, Add	495.07	
			For Economizer, Panel, Controls And Damper(s), Add	1,409.88	
			For 2 Coils, Independent Circuits, Add	544.32	
23 73 13 00-0010	EA		2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,176.47	900.59
			For Flat Filter Box And Throwaway Filters, Add	453.32	
			For Medium Capacity Filter Box And Throwaway Filters, Add	868.03	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,295.62	
			For Manual Roll Filter, Add	2,268.08	
			For Automatic Roll Filter, Add	2,462.57	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,101.12	
			For Electric Heating Coil, Add	1,879.09	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	1,879.09	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,684.60	
			For Steam Heating Coil, Aluminum Fins, Add	1,490.11	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,231.28	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,268.08	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,073.58	
			For Hot Water Heating Coil, Copper Fins, Add	1,490.11	
			For Variable Air Volume, Add	544.58	
			For Economizer, Panel, Controls And Damper(s), Add	1,457.65	
			For 2 Coils, Independent Circuits, Add	595.44	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0011	EA		2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,587.07	968.03
			For Flat Filter Box And Throwaway Filters, Add	489.56	
			For Medium Capacity Filter Box And Throwaway Filters, Add	937.64	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,399.54	
			For Manual Roll Filter, Add	2,450.58	
			For Automatic Roll Filter, Add	2,660.79	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,189.33	
			For Electric Heating Coil, Add	2,030.17	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,030.17	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,819.96	
			For Steam Heating Coil, Aluminum Fins, Add	1,609.75	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,330.40	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,450.58	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,240.38	
			For Hot Water Heating Coil, Copper Fins, Add	1,609.75	
			For Variable Air Volume, Add	588.58	
			For Economizer, Panel, Controls And Damper(s), Add	1,510.60	
			For 2 Coils, Independent Circuits, Add	642.79	
23 73 13 00-0012	EA		2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,026.01	1,041.62
			For Flat Filter Box And Throwaway Filters, Add	528.21	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,011.78	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,510.23	
			For Manual Roll Filter, Add	2,644.77	
			For Automatic Roll Filter, Add	2,871.68	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,283.32	
			For Electric Heating Coil, Add	2,190.95	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,190.95	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,964.05	
			For Steam Heating Coil, Aluminum Fins, Add	1,737.14	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,435.84	
			For Chilled Water Cooling Coil, Copper Fins, Add	2,644.77	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,417.86	
			For Hot Water Heating Coil, Copper Fins, Add	1,737.14	
			For Variable Air Volume, Add	635.34	
			For Economizer, Panel, Controls And Damper(s), Add	1,568.32	
			For 2 Coils, Independent Circuits, Add	693.36	
23 73 13 00-0013	EA		3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,007.04	1,205.70
			For Flat Filter Box And Throwaway Filters, Add	614.59	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,177.50	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,757.64	
			For Manual Roll Filter, Add	3,078.81	
			For Automatic Roll Filter, Add	3,343.04	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,493.41	
			For Electric Heating Coil, Add	2,550.34	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,550.34	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,286.11	
			For Steam Heating Coil, Aluminum Fins, Add	2,021.87	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,671.52	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,078.81	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,814.58	
			For Hot Water Heating Coil, Copper Fins, Add	2,021.87	
			For Variable Air Volume, Add	739.86	
			For Economizer, Panel, Controls And Damper(s), Add	1,697.30	
			For 2 Coils, Independent Circuits, Add	806.40	
23 73 13 00-0014	EA		3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,352.31	1,295.70
			For Flat Filter Box And Throwaway Filters, Add	642.66	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,229.76	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,835.39	
			For Manual Roll Filter, Add	3,210.59	
			For Automatic Roll Filter, Add	3,485.63	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,560.35	
			For Electric Heating Coil, Add	2,660.51	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,660.51	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,385.47	
			For Steam Heating Coil, Aluminum Fins, Add	2,110.43	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,742.81	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,210.59	
			For Direct Expansion Cooling Coil, Copper Fins, Add	2,935.55	
			For Hot Water Heating Coil, Copper Fins, Add	2,110.43	
			For Variable Air Volume, Add	770.11	
			For Economizer, Panel, Controls And Damper(s), Add	1,768.34	
			For 2 Coils, Independent Circuits, Add	845.25	
23 73 13 00-0015	EA		3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,706.18	1,392.49
			For Flat Filter Box And Throwaway Filters, Add	671.15	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,282.63	
			For Combination Filter Mixing Box And Throwaway Filters, Add	1,914.00	
			For Manual Roll Filter, Add	3,343.22	
			For Automatic Roll Filter, Add	3,629.06	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,628.15	
			For Electric Heating Coil, Add	2,771.53	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	2,771.53	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,485.69	
			For Steam Heating Coil, Aluminum Fins, Add	2,199.84	
			For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,814.53	
			For Chilled Water Cooling Coil, Copper Fins, Add	3,343.22	
			For Direct Expansion Cooling Coil, Copper Fins, Add	3,057.37	
			For Hot Water Heating Coil, Copper Fins, Add	2,199.84	
			For Variable Air Volume, Add	800.36	
			For Economizer, Panel, Controls And Damper(s), Add	1,844.11	
			For 2 Coils, Independent Circuits, Add	884.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0016	EA		4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	8,485.68 733.70 1,398.49 2,086.24 3,633.34 3,942.76 1,776.83 3,014.50 2,705.08 2,395.66 1,971.38 3,633.34 3,323.92 2,395.66 866.37 1,858.92 972.34	1,607.60
23 73 13 00-0017	EA		4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	8,485.68 733.70 1,398.49 2,086.24 3,633.34 3,942.76 1,776.83 3,014.50 2,705.08 2,395.66 1,971.38 3,633.34 3,323.92 2,395.66 866.37 1,858.92 972.34	1,607.60
23 73 13 00-0018	EA		5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	9,337.51 801.83 1,524.52 2,273.59 3,948.38 4,283.34 1,938.63 3,278.46 3,278.46 2,943.50 2,608.54 2,141.67 3,948.38 3,613.42 2,608.54 937.88 1,995.34 1,067.73	1,846.48
23 73 13 00-0019	EA		5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	9,836.69 840.55 1,595.22 2,378.51 4,122.06 4,470.77 2,029.80 3,424.64 3,424.64 3,075.93 2,727.22 2,235.39 4,122.06 3,773.35 2,727.22 976.39 2,084.99 1,123.15	2,003.27
23 73 13 00-0020	EA		6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	10,323.97 878.66 1,665.08 2,482.25 4,294.56 4,657.02 2,119.78 3,569.63 3,569.63 3,207.17 2,844.71 2,328.51 4,294.56 3,932.10 2,844.71 1,014.90 2,169.89 1,177.38	2,152.14

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0021	EA		6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,814.83	2,303.84
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	916.96	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,735.20	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,586.34	
			<i>For Manual Roll Filter, Add</i>	4,467.41	
			<i>For Automatic Roll Filter, Add</i>	4,843.63	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,210.13	
			<i>For Electric Heating Coil, Add</i>	3,714.98	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,714.98	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,338.77	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,962.56	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,421.81	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,467.41	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,091.20	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,962.56	
			<i>For Variable Air Volume, Add</i>	1,053.40	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,256.22	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,231.97	
23 73 13 00-0022	EA		7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,381.44	2,479.88
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	961.00	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,815.72	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,705.87	
			<i>For Manual Roll Filter, Add</i>	4,665.52	
			<i>For Automatic Roll Filter, Add</i>	5,057.45	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,313.94	
			<i>For Electric Heating Coil, Add</i>	3,881.66	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,881.66	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,489.73	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,097.80	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,528.73	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,665.52	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,273.59	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,097.80	
			<i>For Variable Air Volume, Add</i>	1,097.41	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,357.13	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,294.92	
23 73 13 00-0023	EA		7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,958.36	2,657.06
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,005.57	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,896.97	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,826.43	
			<i>For Manual Roll Filter, Add</i>	4,864.66	
			<i>For Automatic Roll Filter, Add</i>	5,272.31	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,418.78	
			<i>For Electric Heating Coil, Add</i>	4,049.37	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,049.37	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,641.72	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,234.07	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,636.16	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,864.66	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,457.02	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,234.07	
			<i>For Variable Air Volume, Add</i>	1,141.41	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,321.62	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,358.90	
23 73 13 00-0024	EA		8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,556.53	2,861.33
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,051.19	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,979.70	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,949.11	
			<i>For Manual Roll Filter, Add</i>	5,065.93	
			<i>For Automatic Roll Filter, Add</i>	5,489.29	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,525.75	
			<i>For Electric Heating Coil, Add</i>	4,219.20	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,219.20	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,795.84	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,372.47	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,744.65	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,065.93	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,642.57	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,372.47	
			<i>For Variable Air Volume, Add</i>	1,185.42	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,406.78	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,425.00	
23 73 13 00-0025	EA		9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	13,239.75	3,099.72
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,103.03	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,073.50	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,088.16	
			<i>For Manual Roll Filter, Add</i>	5,293.38	
			<i>For Automatic Roll Filter, Add</i>	5,734.43	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,647.11	
			<i>For Electric Heating Coil, Add</i>	4,411.29	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,411.29	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,970.25	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,529.20	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,867.21	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,293.38	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,852.34	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,529.20	
			<i>For Variable Air Volume, Add</i>	1,234.93	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,505.66	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,500.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0026	EA		10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	13,903.47 1,153.90 2,165.93 3,225.25 5,518.89 5,977.61 2,766.53 4,601.43 4,601.43 4,142.71 3,683.98 2,988.81 5,518.89 5,060.16 3,683.98 1,284.43 2,598.68 1,573.84	3,309.48
23 73 13 00-0027	EA		11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	13,913.54 1,163.24 2,189.62 3,261.62 5,599.46 6,067.02 2,794.06 4,664.32 4,664.32 4,196.76 3,729.19 3,033.51 5,599.46 5,131.89 3,729.19 1,309.19 2,548.66 1,578.38	3,204.44
23 73 13 00-0028	EA		12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	14,606.01 1,206.71 2,261.08 3,366.23 5,748.27 6,224.68 2,889.82 4,795.45 4,795.45 4,319.05 3,842.64 3,112.34 5,748.27 5,271.86 3,842.64 1,333.94 2,703.36 1,651.16	3,555.22
23 73 13 00-0029	EA		13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	15,357.38 1,272.76 2,387.74 3,555.31 6,079.78 6,584.67 3,050.42 5,069.99 5,069.99 4,565.10 4,060.21 3,292.34 6,079.78 5,574.89 4,060.21 1,413.70 2,451.90 1,737.70	3,698.03
23 73 13 00-0030	EA		15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	16,159.28 1,341.34 2,517.94 3,749.45 6,416.35 6,949.73 3,216.07 5,349.59 5,349.59 4,816.21 4,282.83 3,474.86 6,416.35 5,882.97 4,282.83 1,493.46 2,498.34 1,829.28	3,841.24

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0031	EA		16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	16,992.85 1,415.44 2,660.57 3,962.47 6,791.44 7,357.24 3,396.67 5,659.85 5,659.85 5,094.06 4,528.26 3,678.62 6,791.44 6,225.65 4,528.26 1,584.23 2,535.39 1,925.60	3,988.99
23 73 13 00-0032	EA		17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	17,871.55 1,491.79 2,806.36 4,180.00 7,171.05 7,769.26 3,581.79 5,974.63 5,974.63 5,376.42 4,778.21 3,884.63 7,171.05 6,572.84 4,778.21 1,674.99 2,581.47 2,026.44	4,136.89
23 73 13 00-0033	EA		20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	19,855.80 1,668.60 3,147.01 5,364.64 7,662.39 8,067.88 3,337.20 3,607.53 6,040.45 5,364.64 4,688.82 3,696.03 7,392.07 6,716.26 5,364.64 1,892.27 2,844.43 2,255.90	4,435.04
23 73 13 00-0034	EA		22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	21,980.13 1,855.36 3,505.14 5,979.80 8,551.42 9,005.24 3,710.73 4,013.27 6,736.16 5,979.80 5,223.45 4,124.44 8,248.88 7,492.52 5,979.80 2,117.80 2,934.27 2,500.56	4,779.76
23 73 13 00-0035	EA		25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	24,275.99 2,061.51 3,903.37 6,666.15 9,548.37 10,056.99 4,123.02 4,462.10 7,513.86 6,666.15 5,818.44 4,604.64 9,209.28 8,361.57 6,666.15 2,373.59 3,016.31 2,766.68	5,121.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036	EA		27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	29,565.27 2,562.70 4,889.11 8,378.73 12,065.83 12,716.49 5,125.41 5,559.18 9,463.17 8,378.73 7,294.29 5,816.03 11,632.05 10,547.61 8,378.73 3,036.43 3,113.38 3,390.30	5,515.63
23 73 13 00-0037	EA		30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	32,921.76 2,871.98 5,491.84 9,421.62 13,589.65 14,325.18 5,743.96 6,234.31 10,647.51 9,421.62 8,195.73 6,549.65 13,099.29 11,873.40 9,421.62 3,432.49 3,025.60 3,782.53	5,887.13
23 73 13 00-0038	EA		32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	36,025.52 3,149.95 6,028.34 10,345.93 14,931.42 15,740.63 6,299.90 6,839.37 11,694.60 10,345.93 8,997.25 7,195.98 14,391.95 13,043.28 10,345.93 3,776.29 3,122.80 4,142.02	6,339.56
23 73 13 00-0039	EA		35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	39,499.90 3,458.24 6,621.44 11,366.23 16,409.27 17,299.22 6,916.49 7,509.78 12,849.48 11,366.23 9,882.98 7,907.99 15,815.97 14,332.72 11,366.23 4,153.09 3,240.24 4,543.29	6,945.47
23 73 13 00-0040	EA		37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	42,468.80 3,725.54 7,138.29 12,257.40 17,704.55 18,665.82 7,451.09 8,091.93 13,859.50 12,257.40 10,655.30 8,531.86 17,063.71 15,461.61 12,257.40 4,485.89 3,329.01 4,887.72	7,302.18

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0041	EA		40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	45,792.75 4,019.44 7,702.98 13,228.28 19,109.60 20,147.48 8,038.88 8,730.80 14,958.08 13,228.28 11,498.48 9,208.84 18,417.68 16,687.88 13,228.28 4,843.44 3,229.59 5,271.20	7,811.55
23 73 13 00-0042	EA		45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	49,415.50 4,339.08 8,316.67 14,283.07 20,635.30 21,756.28 8,678.16 9,425.48 16,151.37 14,283.07 12,414.76 9,943.99 19,887.97 18,019.67 14,283.07 5,231.25 3,336.18 5,688.87	8,434.29
23 73 13 00-0043	EA		47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	51,489.82 4,519.41 8,661.08 14,873.59 21,486.32 22,653.27 9,038.82 9,816.79 16,818.51 14,873.59 12,928.67 10,354.18 20,708.35 18,763.43 14,873.59 5,445.78 3,403.93 5,926.95	8,830.46
23 73 13 00-0044	EA		50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	53,441.89 4,689.70 8,986.72 15,432.24 22,292.11 23,502.68 9,379.41 10,186.45 17,449.85 15,432.24 13,414.63 10,742.53 21,485.07 19,467.46 15,432.24 5,649.31 3,466.21 6,151.23	9,170.08
23 73 13 00-0045	EA		55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	57,589.60 5,059.17 9,698.46 16,657.39 24,068.33 25,376.14 10,118.33 10,990.21 18,837.08 16,657.39 14,477.71 11,598.23 23,196.45 21,016.77 16,657.39 6,103.12 3,579.48 6,630.83	9,792.75

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

23 73 13 00-0046	EA 60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	62,910.40 5,542.29 10,635.33 18,274.90 26,423.92 27,861.98 11,084.58 12,043.29 20,671.67 18,274.90 15,878.12 12,732.60 25,465.21 23,068.44 18,274.90 6,710.96 3,397.50 7,249.75	10,472.01
23 73 13 00-0047	EA 65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	68,901.95 6,081.55 11,677.90 20,072.44 29,036.36 30,618.23 12,163.09 13,217.67 22,708.89 20,072.44 17,435.99 13,990.89 27,981.78 25,345.33 20,072.44 7,382.06 3,517.30 7,944.77	11,321.10
23 73 13 00-0048	EA 70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	75,592.96 6,680.33 12,833.28 22,062.71 31,925.03 33,665.44 13,360.66 14,520.93 24,963.39 22,062.71 19,162.03 15,382.38 30,764.76 27,864.07 22,062.71 8,121.91 3,657.93 8,719.57	12,283.39

23 73 13 00-0049 Multi-Zone Units (23 73 13)

Note: Horizontal/vertical blow-thru fan, motor and cabinet.

23 73 13 00-0050	EA 1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	4,598.37 1,658.54 387.08 730.52 931.33 1,874.33 1,874.33 459.84 522.70 1,560.00 1,560.00 1,874.33 1,874.33 522.70	1,018.73
23 73 13 00-0051	EA 1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	5,732.83 1,916.34 482.12 909.53 1,159.71 2,332.55 2,332.55 573.28 651.47 1,941.60 1,941.60 2,332.55 2,332.55 651.47	1,276.29

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 73 13 00-0052	EA 1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,008.95	1,358.37
	For Economizer, Panel, Controls And Damper(s), Add	1,998.26	
	For Flat Filter Box And Throwaway Filters, Add	603.88	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,149.54	
	For Combination Filter Mixing Box And Throwaway Filters, Add	1,461.18	
	For Manual Roll Filter, Add	2,981.76	
	For Automatic Roll Filter, Add	2,981.76	
	For Hot Water Heating Coil, Aluminum Fins, Add	700.90	
	For Electric Heating Coil, Add	802.27	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	2,474.90	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,474.90	
	For Chilled Water Cooling Coil, Copper Fins, Add	2,981.76	
	For Direct Expansion Cooling Coil, Copper Fins, Add	2,981.76	
	For 2 Coils, Independent Circuits, Add	802.27	
23 73 13 00-0053	EA 2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	7,303.21	1,454.60
	For Economizer, Panel, Controls And Damper(s), Add	2,094.22	
	For Flat Filter Box And Throwaway Filters, Add	626.45	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,190.57	
	For Combination Filter Mixing Box And Throwaway Filters, Add	1,514.18	
	For Manual Roll Filter, Add	3,081.91	
	For Automatic Roll Filter, Add	3,081.91	
	For Hot Water Heating Coil, Aluminum Fins, Add	730.32	
	For Electric Heating Coil, Add	834.84	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	2,559.33	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,559.33	
	For Chilled Water Cooling Coil, Copper Fins, Add	3,081.91	
	For Direct Expansion Cooling Coil, Copper Fins, Add	3,081.91	
	For 2 Coils, Independent Circuits, Add	834.84	
23 73 13 00-0054	EA 2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,494.66	1,559.32
	For Economizer, Panel, Controls And Damper(s), Add	2,199.38	
	For Flat Filter Box And Throwaway Filters, Add	738.08	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,409.33	
	For Combination Filter Mixing Box And Throwaway Filters, Add	1,789.51	
	For Manual Roll Filter, Add	3,669.60	
	For Automatic Roll Filter, Add	3,669.60	
	For Hot Water Heating Coil, Aluminum Fins, Add	849.47	
	For Electric Heating Coil, Add	974.81	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,042.91	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,042.91	
	For Chilled Water Cooling Coil, Copper Fins, Add	3,669.60	
	For Direct Expansion Cooling Coil, Copper Fins, Add	3,669.60	
	For 2 Coils, Independent Circuits, Add	974.81	
23 73 13 00-0055	EA 3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,966.70	1,669.86
	For Economizer, Panel, Controls And Damper(s), Add	2,309.78	
	For Flat Filter Box And Throwaway Filters, Add	777.40	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,483.24	
	For Combination Filter Mixing Box And Throwaway Filters, Add	1,883.87	
	For Manual Roll Filter, Add	3,858.26	
	For Automatic Roll Filter, Add	3,858.26	
	For Hot Water Heating Coil, Aluminum Fins, Add	896.67	
	For Electric Heating Coil, Add	1,028.30	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,200.13	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,200.13	
	For Chilled Water Cooling Coil, Copper Fins, Add	3,858.26	
	For Direct Expansion Cooling Coil, Copper Fins, Add	3,858.26	
	For 2 Coils, Independent Circuits, Add	1,028.30	
23 73 13 00-0056	EA 3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	9,462.20	1,782.99
	For Economizer, Panel, Controls And Damper(s), Add	2,422.85	
	For Flat Filter Box And Throwaway Filters, Add	818.87	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,561.34	
	For Combination Filter Mixing Box And Throwaway Filters, Add	1,983.51	
	For Manual Roll Filter, Add	4,058.09	
	For Automatic Roll Filter, Add	4,058.09	
	For Hot Water Heating Coil, Aluminum Fins, Add	946.22	
	For Electric Heating Coil, Add	1,084.53	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,366.56	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,366.56	
	For Chilled Water Cooling Coil, Copper Fins, Add	4,058.09	
	For Direct Expansion Cooling Coil, Copper Fins, Add	4,058.09	
	For 2 Coils, Independent Circuits, Add	1,084.53	
23 73 13 00-0057	EA 4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,526.65	1,913.27
	For Economizer, Panel, Controls And Damper(s), Add	2,250.03	
	For Flat Filter Box And Throwaway Filters, Add	916.30	
	For Medium Capacity Filter Box And Throwaway Filters, Add	1,750.78	
	For Combination Filter Mixing Box And Throwaway Filters, Add	2,222.56	
	For Manual Roll Filter, Add	4,562.36	
	For Automatic Roll Filter, Add	4,562.36	
	For Hot Water Heating Coil, Aluminum Fins, Add	1,052.67	
	For Electric Heating Coil, Add	1,208.65	
	For Chilled Water Cooling Coil, Aluminum Fins, Add	3,782.43	
	For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,782.43	
	For Chilled Water Cooling Coil, Copper Fins, Add	4,562.36	
	For Direct Expansion Cooling Coil, Copper Fins, Add	4,562.36	
	For 2 Coils, Independent Circuits, Add	1,208.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0058	EA		4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	11,492.75	2,048.96
			For Economizer, Panel, Controls And Damper(s), Add	2,359.98	
			For Flat Filter Box And Throwaway Filters, Add	1,002.91	
			For Medium Capacity Filter Box And Throwaway Filters, Add	1,918.01	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,434.10	
			For Manual Roll Filter, Add	5,003.75	
			For Automatic Roll Filter, Add	5,003.75	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,149.28	
			For Electric Heating Coil, Add	1,320.59	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,147.20	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,147.20	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,003.75	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,003.75	
			For 2 Coils, Independent Circuits, Add	1,320.59	
23 73 13 00-0059	EA		5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,156.20	2,188.37
			For Economizer, Panel, Controls And Damper(s), Add	2,465.55	
			For Flat Filter Box And Throwaway Filters, Add	1,059.66	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,025.75	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,571.17	
			For Manual Roll Filter, Add	5,282.27	
			For Automatic Roll Filter, Add	5,282.27	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,215.62	
			For Electric Heating Coil, Add	1,396.36	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,378.57	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,378.57	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,282.27	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,282.27	
			For 2 Coils, Independent Circuits, Add	1,396.36	
23 73 13 00-0060	EA		5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,380.47	2,337.97
			For Economizer, Panel, Controls And Damper(s), Add	2,587.84	
			For Flat Filter Box And Throwaway Filters, Add	1,170.97	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,241.70	
			For Combination Filter Mixing Box And Throwaway Filters, Add	2,843.89	
			For Manual Roll Filter, Add	5,855.57	
			For Automatic Roll Filter, Add	5,855.57	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,338.05	
			For Electric Heating Coil, Add	1,538.83	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	4,851.68	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,851.68	
			For Chilled Water Cooling Coil, Copper Fins, Add	5,855.57	
			For Direct Expansion Cooling Coil, Copper Fins, Add	5,855.57	
			For 2 Coils, Independent Circuits, Add	1,538.83	
23 73 13 00-0061	EA		6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	14,241.74	2,502.12
			For Economizer, Panel, Controls And Damper(s), Add	2,715.78	
			For Flat Filter Box And Throwaway Filters, Add	1,245.47	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,383.71	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,024.31	
			For Manual Roll Filter, Add	6,224.59	
			For Automatic Roll Filter, Add	6,224.59	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,424.17	
			For Electric Heating Coil, Add	1,637.53	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,157.83	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,157.83	
			For Chilled Water Cooling Coil, Copper Fins, Add	6,224.59	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,224.59	
			For 2 Coils, Independent Circuits, Add	1,637.53	
23 73 13 00-0062	EA		6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,606.87	2,717.07
			For Economizer, Panel, Controls And Damper(s), Add	2,883.13	
			For Flat Filter Box And Throwaway Filters, Add	1,366.77	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,617.18	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,319.96	
			For Manual Roll Filter, Add	6,838.49	
			For Automatic Roll Filter, Add	6,838.49	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,560.69	
			For Electric Heating Coil, Add	1,795.26	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	5,665.65	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,665.65	
			For Chilled Water Cooling Coil, Copper Fins, Add	6,838.49	
			For Direct Expansion Cooling Coil, Copper Fins, Add	6,838.49	
			For 2 Coils, Independent Circuits, Add	1,795.26	
23 73 13 00-0063	EA		7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,771.93	2,926.59
			For Economizer, Panel, Controls And Damper(s), Add	3,048.48	
			For Flat Filter Box And Throwaway Filters, Add	1,468.24	
			For Medium Capacity Filter Box And Throwaway Filters, Add	2,811.11	
			For Combination Filter Mixing Box And Throwaway Filters, Add	3,566.12	
			For Manual Roll Filter, Add	7,343.98	
			For Automatic Roll Filter, Add	7,343.98	
			For Hot Water Heating Coil, Aluminum Fins, Add	1,677.19	
			For Electric Heating Coil, Add	1,929.05	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	6,084.70	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,084.70	
			For Chilled Water Cooling Coil, Copper Fins, Add	7,343.98	
			For Direct Expansion Cooling Coil, Copper Fins, Add	7,343.98	
			For 2 Coils, Independent Circuits, Add	1,929.05	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 73 13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,634.60	3,164.24
		For Economizer, Panel, Controls And Damper(s), Add	2,744.52	
		For Flat Filter Box And Throwaway Filters, Add	1,537.90	
		For Medium Capacity Filter Box And Throwaway Filters, Add	2,940.45	
		For Combination Filter Mixing Box And Throwaway Filters, Add	3,731.96	
		For Manual Roll Filter, Add	7,668.95	
		For Automatic Roll Filter, Add	7,668.95	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,763.46	
		For Electric Heating Coil, Add	2,025.93	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	6,356.62	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,356.62	
		For Chilled Water Cooling Coil, Copper Fins, Add	7,668.95	
		For Direct Expansion Cooling Coil, Copper Fins, Add	7,668.95	
		For 2 Coils, Independent Circuits, Add	2,025.93	
23 73 13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,534.40	3,413.15
		For Economizer, Panel, Controls And Damper(s), Add	2,891.49	
		For Flat Filter Box And Throwaway Filters, Add	1,709.50	
		For Medium Capacity Filter Box And Throwaway Filters, Add	3,272.65	
		For Combination Filter Mixing Box And Throwaway Filters, Add	4,151.79	
		For Manual Roll Filter, Add	8,548.49	
		For Automatic Roll Filter, Add	8,548.49	
		For Hot Water Heating Coil, Aluminum Fins, Add	1,953.44	
		For Electric Heating Coil, Add	2,246.55	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	7,082.92	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,082.92	
		For Chilled Water Cooling Coil, Copper Fins, Add	8,548.49	
		For Direct Expansion Cooling Coil, Copper Fins, Add	8,548.49	
		For 2 Coils, Independent Circuits, Add	2,246.55	
23 73 13 00-0066	EA	8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,602.77	3,679.19
		For Economizer, Panel, Controls And Damper(s), Add	3,043.80	
		For Flat Filter Box And Throwaway Filters, Add	1,797.30	
		For Medium Capacity Filter Box And Throwaway Filters, Add	3,436.82	
		For Combination Filter Mixing Box And Throwaway Filters, Add	4,361.77	
		For Manual Roll Filter, Add	8,964.74	
		For Automatic Roll Filter, Add	8,964.74	
		For Hot Water Heating Coil, Aluminum Fins, Add	2,060.28	
		For Electric Heating Coil, Add	2,367.14	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	7,430.42	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,430.42	
		For Chilled Water Cooling Coil, Copper Fins, Add	8,964.74	
		For Direct Expansion Cooling Coil, Copper Fins, Add	8,964.74	
		For 2 Coils, Independent Circuits, Add	2,367.14	
23 73 13 00-0067	EA	9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	21,784.18	3,985.03
		For Economizer, Panel, Controls And Damper(s), Add	3,209.89	
		For Flat Filter Box And Throwaway Filters, Add	1,894.68	
		For Medium Capacity Filter Box And Throwaway Filters, Add	3,619.12	
		For Combination Filter Mixing Box And Throwaway Filters, Add	4,594.84	
		For Manual Roll Filter, Add	9,427.67	
		For Automatic Roll Filter, Add	9,427.67	
		For Hot Water Heating Coil, Aluminum Fins, Add	2,178.42	
		For Electric Heating Coil, Add	2,500.61	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	7,816.73	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,816.73	
		For Chilled Water Cooling Coil, Copper Fins, Add	9,427.67	
		For Direct Expansion Cooling Coil, Copper Fins, Add	9,427.67	
		For 2 Coils, Independent Circuits, Add	2,500.61	
23 73 13 00-0068	EA	10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,064.34	4,301.77
		For Economizer, Panel, Controls And Damper(s), Add	3,024.83	
		For Flat Filter Box And Throwaway Filters, Add	1,998.96	
		For Medium Capacity Filter Box And Throwaway Filters, Add	3,813.44	
		For Combination Filter Mixing Box And Throwaway Filters, Add	4,843.67	
		For Manual Roll Filter, Add	9,918.15	
		For Automatic Roll Filter, Add	9,918.15	
		For Hot Water Heating Coil, Aluminum Fins, Add	2,306.43	
		For Electric Heating Coil, Add	2,644.73	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	8,226.66	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,226.66	
		For Chilled Water Cooling Coil, Copper Fins, Add	9,918.15	
		For Direct Expansion Cooling Coil, Copper Fins, Add	9,918.15	
		For 2 Coils, Independent Circuits, Add	2,644.73	
23 73 13 00-0069	EA	11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	23,732.60	4,466.17
		For Economizer, Panel, Controls And Damper(s), Add	3,098.59	
		For Flat Filter Box And Throwaway Filters, Add	2,053.50	
		For Medium Capacity Filter Box And Throwaway Filters, Add	3,915.13	
		For Combination Filter Mixing Box And Throwaway Filters, Add	4,973.86	
		For Manual Roll Filter, Add	10,175.05	
		For Automatic Roll Filter, Add	10,175.05	
		For Hot Water Heating Coil, Aluminum Fins, Add	2,373.26	
		For Electric Heating Coil, Add	2,720.01	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	8,441.32	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,441.32	
		For Chilled Water Cooling Coil, Copper Fins, Add	10,175.05	
		For Direct Expansion Cooling Coil, Copper Fins, Add	10,175.05	
		For 2 Coils, Independent Circuits, Add	2,720.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0070	EA		12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	24,363.90	4,625.55
			For Economizer, Panel, Controls And Damper(s), Add	3,161.27	
			For Flat Filter Box And Throwaway Filters, Add	2,106.18	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,014.23	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,100.34	
			For Manual Roll Filter, Add	10,428.25	
			For Automatic Roll Filter, Add	10,428.25	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,436.39	
			For Electric Heating Coil, Add	2,791.58	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	8,652.28	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,652.28	
			For Chilled Water Cooling Coil, Copper Fins, Add	10,428.25	
			For Direct Expansion Cooling Coil, Copper Fins, Add	10,428.25	
			For 2 Coils, Independent Circuits, Add	2,791.58	
23 73 13 00-0071	EA		13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	27,401.97	4,811.46
			For Economizer, Panel, Controls And Damper(s), Add	2,778.38	
			For Flat Filter Box And Throwaway Filters, Add	2,395.60	
			For Medium Capacity Filter Box And Throwaway Filters, Add	4,584.45	
			For Combination Filter Mixing Box And Throwaway Filters, Add	5,816.71	
			For Manual Roll Filter, Add	11,969.73	
			For Automatic Roll Filter, Add	11,969.73	
			For Hot Water Heating Coil, Aluminum Fins, Add	2,740.20	
			For Electric Heating Coil, Add	3,150.40	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	9,918.72	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,918.72	
			For Chilled Water Cooling Coil, Copper Fins, Add	11,969.73	
			For Direct Expansion Cooling Coil, Copper Fins, Add	11,969.73	
			For 2 Coils, Independent Circuits, Add	3,150.40	
23 73 13 00-0072	EA		15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,409.63	5,002.07
			For Economizer, Panel, Controls And Damper(s), Add	2,986.10	
			For Flat Filter Box And Throwaway Filters, Add	2,683.51	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,152.54	
			For Combination Filter Mixing Box And Throwaway Filters, Add	6,530.03	
			For Manual Roll Filter, Add	13,508.17	
			For Automatic Roll Filter, Add	13,508.17	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,040.96	
			For Electric Heating Coil, Add	3,506.17	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	11,182.13	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,182.13	
			For Chilled Water Cooling Coil, Copper Fins, Add	13,508.17	
			For Direct Expansion Cooling Coil, Copper Fins, Add	13,508.17	
			For 2 Coils, Independent Circuits, Add	3,506.17	
23 73 13 00-0073	EA		16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	34,767.84	5,190.72
			For Economizer, Panel, Controls And Damper(s), Add	3,031.97	
			For Flat Filter Box And Throwaway Filters, Add	3,106.22	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,990.11	
			For Combination Filter Mixing Box And Throwaway Filters, Add	7,580.27	
			For Manual Roll Filter, Add	15,787.25	
			For Automatic Roll Filter, Add	15,787.25	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,476.78	
			For Electric Heating Coil, Add	4,023.92	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	13,051.59	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	13,051.59	
			For Chilled Water Cooling Coil, Copper Fins, Add	15,787.25	
			For Direct Expansion Cooling Coil, Copper Fins, Add	15,787.25	
			For 2 Coils, Independent Circuits, Add	4,023.92	
23 73 13 00-0074	EA		17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	39,129.76	5,377.52
			For Economizer, Panel, Controls And Damper(s), Add	3,078.48	
			For Flat Filter Box And Throwaway Filters, Add	3,529.12	
			For Medium Capacity Filter Box And Throwaway Filters, Add	6,827.94	
			For Combination Filter Mixing Box And Throwaway Filters, Add	8,630.88	
			For Manual Roll Filter, Add	18,066.70	
			For Automatic Roll Filter, Add	18,066.70	
			For Hot Water Heating Coil, Aluminum Fins, Add	3,912.98	
			For Electric Heating Coil, Add	4,542.03	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	14,921.42	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,921.42	
			For Chilled Water Cooling Coil, Copper Fins, Add	18,066.70	
			For Direct Expansion Cooling Coil, Copper Fins, Add	18,066.70	
			For 2 Coils, Independent Circuits, Add	4,542.03	
23 73 13 00-0075	EA		20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	43,866.07	5,830.36
			For Economizer, Panel, Controls And Damper(s), Add	3,192.24	
			For Flat Filter Box And Throwaway Filters, Add	3,970.25	
			For Medium Capacity Filter Box And Throwaway Filters, Add	5,913.75	
			For Combination Filter Mixing Box And Throwaway Filters, Add	9,717.46	
			For Manual Roll Filter, Add	15,048.31	
			For Automatic Roll Filter, Add	18,602.21	
			For Hot Water Heating Coil, Aluminum Fins, Add	4,386.61	
			For Electric Heating Coil, Add	5,097.39	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	15,048.31	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,048.31	
			For Steam Heating Coil, Aluminum Fins, Add	7,940.51	
			For Chilled Water Cooling Coil, Copper Fins, Add	18,602.21	
			For Direct Expansion Cooling Coil, Copper Fins, Add	18,602.21	
			For 2 Coils, Independent Circuits, Add	5,097.39	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	47,316.27	6,339.82
		For Economizer, Panel, Controls And Damper(s), Add	3,116.08	
		For Flat Filter Box And Throwaway Filters, Add	4,281.27	
		For Medium Capacity Filter Box And Throwaway Filters, Add	6,376.86	
		For Combination Filter Mixing Box And Throwaway Filters, Add	10,477.98	
		For Manual Roll Filter, Add	16,224.34	
		For Automatic Roll Filter, Add	20,055.25	
		For Hot Water Heating Coil, Aluminum Fins, Add	4,731.63	
		For Electric Heating Coil, Add	5,497.81	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	16,224.34	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	16,224.34	
		For Steam Heating Coil, Aluminum Fins, Add	8,562.53	
		For Chilled Water Cooling Coil, Copper Fins, Add	20,055.25	
		For Direct Expansion Cooling Coil, Copper Fins, Add	20,055.25	
		For 2 Coils, Independent Circuits, Add	5,497.81	
23 73 13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	56,224.42	6,849.02
		For Economizer, Panel, Controls And Damper(s), Add	3,232.31	
		For Flat Filter Box And Throwaway Filters, Add	5,133.34	
		For Medium Capacity Filter Box And Throwaway Filters, Add	7,651.10	
		For Combination Filter Mixing Box And Throwaway Filters, Add	12,588.79	
		For Manual Roll Filter, Add	19,555.15	
		For Automatic Roll Filter, Add	24,199.38	
		For Hot Water Heating Coil, Aluminum Fins, Add	5,622.44	
		For Electric Heating Coil, Add	6,551.29	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	19,555.15	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,555.15	
		For Steam Heating Coil, Aluminum Fins, Add	10,266.68	
		For Chilled Water Cooling Coil, Copper Fins, Add	24,199.38	
		For Direct Expansion Cooling Coil, Copper Fins, Add	24,199.38	
		For 2 Coils, Independent Circuits, Add	6,551.29	
23 73 13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	63,444.76	7,415.32
		For Economizer, Panel, Controls And Damper(s), Add	3,351.74	
		For Flat Filter Box And Throwaway Filters, Add	5,815.56	
		For Medium Capacity Filter Box And Throwaway Filters, Add	8,670.45	
		For Combination Filter Mixing Box And Throwaway Filters, Add	14,274.45	
		For Manual Roll Filter, Add	22,204.42	
		For Automatic Roll Filter, Add	27,491.07	
		For Hot Water Heating Coil, Aluminum Fins, Add	6,344.48	
		For Electric Heating Coil, Add	7,401.81	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	22,204.42	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	22,204.42	
		For Steam Heating Coil, Aluminum Fins, Add	11,631.13	
		For Chilled Water Cooling Coil, Copper Fins, Add	27,491.07	
		For Direct Expansion Cooling Coil, Copper Fins, Add	27,491.07	
		For 2 Coils, Independent Circuits, Add	7,401.81	
23 73 13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	68,752.99	7,981.61
		For Economizer, Panel, Controls And Damper(s), Add	3,476.09	
		For Flat Filter Box And Throwaway Filters, Add	6,304.93	
		For Medium Capacity Filter Box And Throwaway Filters, Add	9,400.37	
		For Combination Filter Mixing Box And Throwaway Filters, Add	15,477.15	
		For Manual Roll Filter, Add	24,079.01	
		For Automatic Roll Filter, Add	29,813.58	
		For Hot Water Heating Coil, Aluminum Fins, Add	6,875.30	
		For Electric Heating Coil, Add	8,022.21	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	24,079.01	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	24,079.01	
		For Steam Heating Coil, Aluminum Fins, Add	12,609.87	
		For Chilled Water Cooling Coil, Copper Fins, Add	29,813.58	
		For Direct Expansion Cooling Coil, Copper Fins, Add	29,813.58	
		For 2 Coils, Independent Circuits, Add	8,022.21	
23 73 13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	76,981.33	9,339.66
		For Economizer, Panel, Controls And Damper(s), Add	3,496.17	
		For Flat Filter Box And Throwaway Filters, Add	7,031.66	
		For Medium Capacity Filter Box And Throwaway Filters, Add	10,480.85	
		For Combination Filter Mixing Box And Throwaway Filters, Add	17,245.93	
		For Manual Roll Filter, Add	26,793.72	
		For Automatic Roll Filter, Add	33,158.92	
		For Hot Water Heating Coil, Aluminum Fins, Add	7,698.13	
		For Electric Heating Coil, Add	8,971.17	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	26,793.72	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,793.72	
		For Steam Heating Coil, Aluminum Fins, Add	14,063.33	
		For Chilled Water Cooling Coil, Copper Fins, Add	33,158.92	
		For Direct Expansion Cooling Coil, Copper Fins, Add	33,158.92	
		For 2 Coils, Independent Circuits, Add	8,971.17	
23 73 13 00-0081	EA	35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	77,479.87	9,679.53
		For Economizer, Panel, Controls And Damper(s), Add	3,558.49	
		For Flat Filter Box And Throwaway Filters, Add	7,056.59	
		For Medium Capacity Filter Box And Throwaway Filters, Add	10,515.75	
		For Combination Filter Mixing Box And Throwaway Filters, Add	17,295.78	
		For Manual Roll Filter, Add	26,843.58	
		For Automatic Roll Filter, Add	33,208.77	
		For Hot Water Heating Coil, Aluminum Fins, Add	7,747.99	
		For Electric Heating Coil, Add	9,021.03	
		For Chilled Water Cooling Coil, Aluminum Fins, Add	26,843.58	
		For Direct Expansion Cooling Coil, Aluminum Fins, Add	26,843.58	
		For Steam Heating Coil, Aluminum Fins, Add	14,113.18	
		For Chilled Water Cooling Coil, Copper Fins, Add	33,208.77	
		For Direct Expansion Cooling Coil, Copper Fins, Add	33,208.77	
		For 2 Coils, Independent Circuits, Add	9,021.03	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0082	EA		37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	81,003.83	10,018.84
			For Economizer, Panel, Controls And Damper(s), Add	3,620.81	
			For Flat Filter Box And Throwaway Filters, Add	7,384.06	
			For Medium Capacity Filter Box And Throwaway Filters, Add	11,004.46	
			For Combination Filter Mixing Box And Throwaway Filters, Add	18,101.99	
			For Manual Roll Filter, Add	28,103.60	
			For Automatic Roll Filter, Add	34,771.34	
			For Hot Water Heating Coil, Aluminum Fins, Add	8,100.38	
			For Electric Heating Coil, Add	9,433.93	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	28,103.60	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	28,103.60	
			For Steam Heating Coil, Aluminum Fins, Add	14,768.12	
			For Chilled Water Cooling Coil, Copper Fins, Add	34,771.34	
			For Direct Expansion Cooling Coil, Copper Fins, Add	34,771.34	
			For 2 Coils, Independent Circuits, Add	9,433.93	
23 73 13 00-0083	EA		40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	84,840.79	10,755.03
			For Economizer, Panel, Controls And Damper(s), Add	3,749.26	
			For Flat Filter Box And Throwaway Filters, Add	7,716.38	
			For Medium Capacity Filter Box And Throwaway Filters, Add	11,497.79	
			For Combination Filter Mixing Box And Throwaway Filters, Add	18,907.09	
			For Manual Roll Filter, Add	29,330.10	
			For Automatic Roll Filter, Add	36,278.77	
			For Hot Water Heating Coil, Aluminum Fins, Add	8,484.08	
			For Electric Heating Coil, Add	9,873.81	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	29,330.10	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	29,330.10	
			For Steam Heating Coil, Aluminum Fins, Add	15,432.75	
			For Chilled Water Cooling Coil, Copper Fins, Add	36,278.77	
			For Direct Expansion Cooling Coil, Copper Fins, Add	36,278.77	
			For 2 Coils, Independent Circuits, Add	9,873.81	
23 73 13 00-0084	EA		45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	91,324.67	11,321.10
			For Economizer, Panel, Controls And Damper(s), Add	3,842.68	
			For Flat Filter Box And Throwaway Filters, Add	8,327.40	
			For Medium Capacity Filter Box And Throwaway Filters, Add	12,410.59	
			For Combination Filter Mixing Box And Throwaway Filters, Add	20,415.95	
			For Manual Roll Filter, Add	31,699.44	
			For Automatic Roll Filter, Add	39,221.77	
			For Hot Water Heating Coil, Aluminum Fins, Add	9,132.47	
			For Electric Heating Coil, Add	10,636.93	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	31,699.44	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	31,699.44	
			For Steam Heating Coil, Aluminum Fins, Add	16,654.79	
			For Chilled Water Cooling Coil, Copper Fins, Add	39,221.77	
			For Direct Expansion Cooling Coil, Copper Fins, Add	39,221.77	
			For 2 Coils, Independent Circuits, Add	10,636.93	
23 73 13 00-0085	EA		50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	98,122.54	11,943.76
			For Economizer, Panel, Controls And Damper(s), Add	3,608.42	
			For Flat Filter Box And Throwaway Filters, Add	8,958.05	
			For Medium Capacity Filter Box And Throwaway Filters, Add	13,351.65	
			For Combination Filter Mixing Box And Throwaway Filters, Add	21,968.01	
			For Manual Roll Filter, Add	34,123.77	
			For Automatic Roll Filter, Add	42,227.60	
			For Hot Water Heating Coil, Aluminum Fins, Add	9,812.25	
			For Electric Heating Coil, Add	11,433.02	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	34,123.77	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	34,123.77	
			For Steam Heating Coil, Aluminum Fins, Add	17,916.09	
			For Chilled Water Cooling Coil, Copper Fins, Add	42,227.60	
			For Direct Expansion Cooling Coil, Copper Fins, Add	42,227.60	
			For 2 Coils, Independent Circuits, Add	11,433.02	
23 73 13 00-0086	EA		55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	105,625.56	12,679.62
			For Economizer, Panel, Controls And Damper(s), Add	3,710.41	
			For Flat Filter Box And Throwaway Filters, Add	9,657.35	
			For Medium Capacity Filter Box And Throwaway Filters, Add	14,395.50	
			For Combination Filter Mixing Box And Throwaway Filters, Add	23,690.77	
			For Manual Roll Filter, Add	36,818.99	
			For Automatic Roll Filter, Add	45,571.13	
			For Hot Water Heating Coil, Aluminum Fins, Add	10,562.56	
			For Electric Heating Coil, Add	12,312.98	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	36,818.99	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	36,818.99	
			For Steam Heating Coil, Aluminum Fins, Add	19,314.70	
			For Chilled Water Cooling Coil, Copper Fins, Add	45,571.13	
			For Direct Expansion Cooling Coil, Copper Fins, Add	45,571.13	
			For 2 Coils, Independent Circuits, Add	12,312.98	
23 73 13 00-0087	EA		60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	113,100.88	13,019.26
			For Economizer, Panel, Controls And Damper(s), Add	3,756.59	
			For Flat Filter Box And Throwaway Filters, Add	10,381.79	
			For Medium Capacity Filter Box And Throwaway Filters, Add	15,479.86	
			For Combination Filter Mixing Box And Throwaway Filters, Add	25,490.33	
			For Manual Roll Filter, Add	39,670.57	
			For Automatic Roll Filter, Add	49,124.06	
			For Hot Water Heating Coil, Aluminum Fins, Add	11,310.09	
			For Electric Heating Coil, Add	13,200.79	
			For Chilled Water Cooling Coil, Aluminum Fins, Add	39,670.57	
			For Direct Expansion Cooling Coil, Aluminum Fins, Add	39,670.57	
			For Steam Heating Coil, Aluminum Fins, Add	20,763.58	
			For Chilled Water Cooling Coil, Copper Fins, Add	49,124.06	
			For Direct Expansion Cooling Coil, Copper Fins, Add	49,124.06	
			For 2 Coils, Independent Circuits, Add	13,200.79	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 73 13 00-0088		Return/Supply Air Fan <small>(23 73 13)</small>		
		Note: Includes vibration mounts.		
23 73 13 00-0089	EA	300 CFM Return Air Fan.....	1,992.10	452.76
23 73 13 00-0090	EA	500 CFM Return Air Fan.....	2,568.59	543.34
23 73 13 00-0091	EA	750 CFM Return Air Fan.....	2,682.43	565.97
23 73 13 00-0092	EA	1,000 CFM Return Air Fan.....	3,046.47	599.94
23 73 13 00-0093	EA	1,250 CFM Return Air Fan.....	3,142.56	628.24
23 73 13 00-0094	EA	1,500 CFM Return Air Fan.....	3,220.01	656.54
23 73 13 00-0095	EA	1,750 CFM Return Air Fan.....	3,379.96	690.51
23 73 13 00-0096	EA	2,000 CFM Return Air Fan.....	3,743.99	724.47
23 73 13 00-0097	EA	2,250 CFM Return Air Fan.....	3,922.42	758.43
23 73 13 00-0098	EA	2,500 CFM Return Air Fan.....	4,026.62	792.40
23 73 13 00-0099	EA	3,000 CFM Return Air Fan.....	4,277.57	877.31
23 73 13 00-0100	EA	3,500 CFM Return Air Fan.....	4,398.09	922.59
23 73 13 00-0101	EA	4,000 CFM Return Air Fan.....	4,510.34	962.21
23 73 13 00-0102	EA	4,500 CFM Return Air Fan.....	4,649.39	1,007.58
23 73 13 00-0103	EA	5,000 CFM Return Air Fan.....	4,777.75	1,058.52
23 73 13 00-0104	EA	5,500 CFM Return Air Fan.....	5,029.73	1,183.05
23 73 13 00-0105	EA	6,000 CFM Return Air Fan.....	5,734.73	1,403.82
23 73 13 00-0106	EA	6,500 CFM Return Air Fan.....	5,878.91	1,426.46
23 73 13 00-0107	EA	7,000 CFM Return Air Fan.....	5,942.31	1,432.11
23 73 13 00-0108	EA	8,000 CFM Return Air Fan.....	6,234.94	1,454.76
23 73 13 00-0109	EA	9,000 CFM Return Air Fan.....	6,367.86	1,471.75
23 73 13 00-0110	EA	10,000 CFM Return Air Fan.....	6,692.74	1,528.59
23 73 13 00-0111	EA	12,500 CFM Return Air Fan.....	7,102.86	1,556.57
23 73 13 00-0112	EA	15,000 CFM Return Air Fan.....	7,965.15	1,600.80
23 73 13 00-0113	EA	17,500 CFM Return Air Fan.....	8,663.06	1,686.76
23 73 13 00-0114	EA	20,000 CFM Return Air Fan.....	10,215.25	1,760.19
23 73 13 00-0115	EA	22,500 CFM Return Air Fan.....	10,698.20	1,821.56
23 73 13 00-0116	EA	25,000 CFM Return Air Fan.....	11,171.06	1,873.65
23 73 13 00-0117	EA	27,500 CFM Return Air Fan.....	11,867.81	2,060.44
23 73 13 00-0118	EA	30,000 CFM Return Air Fan.....	12,678.22	2,173.49
23 73 13 00-0119	EA	35,000 CFM Return Air Fan.....	14,237.25	2,263.97
23 73 13 00-0120	EA	40,000 CFM Return Air Fan.....	16,713.37	2,490.40
23 73 13 00-0121	EA	45,000 CFM Return Air Fan.....	20,482.31	2,830.03
23 73 13 00-0122	EA	50,000 CFM Return Air Fan.....	24,747.99	2,932.16
23 73 13 00-0123	EA	55,000 CFM Return Air Fan.....	25,885.63	3,016.83
23 73 13 00-0124	EA	60,000 CFM Return Air Fan.....	26,485.89	3,096.08
23 73 13 00-0125	EA	65,000 CFM Return Air Fan.....	27,769.95	3,231.85
23 73 13 00-0126	EA	70,000 CFM Return Air Fan.....	29,166.82	3,390.99
23 73 13 00-0127	EA	75,000 CFM Return Air Fan.....	31,340.10	3,557.33
23 73 13 00-0128	EA	80,000 CFM Return Air Fan.....	32,741.35	3,745.91
23 73 13 00-0129	EA	90,000 CFM Return Air Fan.....	33,838.78	3,959.23
23 73 13 00-0130	EA	100,000 CFM Return Air Fan.....	36,342.29	4,140.45
23 73 13 00-0131	EA	115,000 CFM Return Air Fan.....	39,056.10	4,338.49
23 73 13 00-0132	EA	130,000 CFM Return Air Fan.....	42,002.50	4,557.06
23 73 13 00-0133	EA	150,000 CFM Return Air Fan.....	45,891.08	4,799.82

23 73 13 00-0134		Removal And Reinstallation Of Air Handling Unit <small>(23 73 13)</small>		
		Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		
23 73 13 00-0135	EA	Remove And Reinstall Air Handling Unit Up To 11,500 CFM.....	2,073.46	
23 73 13 00-0136	EA	Remove And Reinstall Air Handling Unit, >11,500 To 16,500 CFM.....	2,812.69	
23 73 13 00-0137	EA	Remove And Reinstall Air Handling Unit, >16,500 To 22,000 CFM.....	3,498.96	
23 73 13 00-0138	EA	Remove And Reinstall Air Handling Unit, >22,000 CFM.....	6,384.08	

23 74 Packaged Outdoor HVAC Equipment (23 70)**23 74 13 Packaged, Outdoor, Central-Station Air-Handling Units (23 74)**

Note: Includes throwaway filters, filter rack, and manual outside air damper. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel.

23 74 13 00-0001		Electric Cooling, Electric Heat, Packaged, Outdoor, Central-Station Air-Handling Units <small>(23 74 13)</small>		
23 74 13 00-0002		Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Unit <small>(23 74 13 00-0001)</small>		
		Note: Units up to 5 tons have 13 SEER. Units >5 to 11 tons have 10.3 EER, >11 to 19 tons have 9.7 EER, >19 to 63 tons have 9.5 EER and >63 tons have 9.2 EER. Excludes crane and associated personnel. See CSI section 26 28 16 00-0001 for disconnects.		
23 74 13 00-0003	EA	2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	2,821.92	275.83
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	-340.54	
		For Unit Economizer, Add	327.60	
		For Equipment Base Roof Curbs, Add	225.44	
23 74 13 00-0004	EA	3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	4,138.31	370.39
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	-510.81	
		For Unit Economizer, Add	481.94	
		For Equipment Base Roof Curbs, Add	328.70	
23 74 13 00-0005	EA	4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	5,142.18	425.55
		Note: Electric load approximately 1/2 the cooling capacity.		
		For Unit Without Heat, Deduct	-643.66	
		For Unit Economizer, Add	600.04	
		For Equipment Base Roof Curbs, Add	406.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0006	EA		5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	6,285.86 -804.57 735.86 494.49	457.08
23 74 13 00-0007	EA		7-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	8,618.22 -1,136.69 1,013.38 672.37	520.13
23 74 13 00-0008	EA		10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	12,420.87 -1,515.59 1,444.17 989.49	583.18
23 74 13 00-0009	EA		12-1/2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	15,080.82 -1,894.49 1,760.68 1,192.33	614.69
23 74 13 00-0010	EA		15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	17,866.88 -2,273.39 2,089.81 1,407.79	677.74
23 74 13 00-0011	EA		20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	22,057.60 -2,844.07 2,584.97 1,731.75	772.31
23 74 13 00-0012	EA		25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	27,436.06 -3,555.09 3,217.62 2,151.09	937.81
23 74 13 00-0013	EA		30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	32,822.40 -4,266.11 3,851.05 2,571.22	1,095.42
23 74 13 00-0014	EA		35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	38,334.83 -4,977.13 4,497.10 3,003.96	1,292.43
23 74 13 00-0015	EA		40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	41,289.41 -5,313.92 4,837.46 3,243.29	1,465.81
23 74 13 00-0016	EA		50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	50,729.13 -6,642.41 5,958.57 3,965.85	1,615.55
23 74 13 00-0017	EA		60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	57,884.35 -7,521.82 6,791.34 4,534.80	1,930.78
23 74 13 00-0018	EA		70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	67,014.23 -8,775.46 7,871.48 5,238.85	2,127.79
23 74 13 00-0019	EA		75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit Note: Electric load approximately 1/2 the cooling capacity. <i>For Unit Without Heat, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curbs, Add</i>	71,393.43 -9,355.50 8,386.74 5,580.09	2,253.89
23 74 13 00-0020			Electric Cooling, Gas Heat, Packaged, Outdoor, Central-Station Air-Handling Units <small>(23 74 13)</small>		
23 74 13 00-0021			Electric Cooling, Gas Heat, Self Contained Package Rooftop Unit <small>(23 74 13 00-0020)</small> Note: Excludes crane and associated personnel.		
23 74 13 00-0022	EA		2 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	3,430.48 -156.94 -62.78 405.83 264.58	141.85
23 74 13 00-0023	EA		3 Ton Electric Cooling, 60 MBH Gas Heating, Self Contained Package Rooftop Unit <i>For Hot Water Heating Coil Instead Of Gas, Deduct</i> <i>For Steam Heating Coil Instead Of Gas, Deduct</i> <i>For Unit Economizer, Add</i> <i>For Equipment Base Roof Curb, Add</i>	3,339.99 -150.45 -60.18 394.18 258.77	165.50

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0024	EA	4 Ton Electric Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	3,904.87	173.38
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-178.30	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-71.32	
		<i>For Unit Economizer, Add</i>	461.81	
		<i>For Equipment Base Roof Curb, Add</i>	301.34	
23 74 13 00-0025	EA	5 Ton Electric Cooling, 100 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,407.55	212.78
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-199.10	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-79.64	
		<i>For Unit Economizer, Add</i>	520.40	
		<i>For Equipment Base Roof Curb, Add</i>	341.21	
23 74 13 00-0026	EA	6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit.....	5,083.08	228.54
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-231.30	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-92.52	
		<i>For Unit Economizer, Add</i>	600.83	
		<i>For Equipment Base Roof Curb, Add</i>	392.66	
23 74 13 00-0027	EA	7.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit.....	6,474.60	244.30
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-299.30	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-119.72	
		<i>For Unit Economizer, Add</i>	767.18	
		<i>For Equipment Base Roof Curb, Add</i>	497.81	
23 74 13 00-0028	EA	8.5 Ton Electric Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,208.37	252.18
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-335.20	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-134.08	
		<i>For Unit Economizer, Add</i>	854.92	
		<i>For Equipment Base Roof Curb, Add</i>	553.24	
23 74 13 00-0029	EA	10 Ton Electric Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,640.49	260.06
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-356.41	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-142.57	
		<i>For Unit Economizer, Add</i>	906.61	
		<i>For Equipment Base Roof Curb, Add</i>	585.84	
23 74 13 00-0030	EA	12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit.....	10,177.94	323.11
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-476.59	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-190.63	
		<i>For Unit Economizer, Add</i>	1,208.43	
		<i>For Equipment Base Roof Curb, Add</i>	779.50	
23 74 13 00-0031	EA	15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	12,645.87	386.15
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-593.68	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-237.47	
		<i>For Unit Economizer, Add</i>	1,502.06	
		<i>For Equipment Base Roof Curb, Add</i>	967.75	
23 74 13 00-0032	EA	18 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	15,064.84	449.20
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-708.72	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-283.49	
		<i>For Unit Economizer, Add</i>	1,789.97	
		<i>For Equipment Base Roof Curb, Add</i>	1,152.13	
23 74 13 00-0033	EA	20 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	17,499.91	504.37
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-824.17	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-329.67	
		<i>For Unit Economizer, Add</i>	2,079.66	
		<i>For Equipment Base Roof Curb, Add</i>	1,337.91	
23 74 13 00-0034	EA	25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	17,985.27	646.22
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-834.64	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-333.86	
		<i>For Unit Economizer, Add</i>	2,132.38	
		<i>For Equipment Base Roof Curb, Add</i>	1,381.21	
23 74 13 00-0035	EA	30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit.....	18,757.90	788.07
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-859.09	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-343.64	
		<i>For Unit Economizer, Add</i>	2,219.43	
		<i>For Equipment Base Roof Curb, Add</i>	1,446.25	
23 74 13 00-0036	EA	40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit.....	25,700.46	945.68
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,190.85	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-476.34	
		<i>For Unit Economizer, Add</i>	3,046.39	
		<i>For Equipment Base Roof Curb, Add</i>	1,974.62	
23 74 13 00-0037	EA	50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit.....	31,629.07	1,182.11
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,463.24	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-585.30	
		<i>For Unit Economizer, Add</i>	3,748.20	
		<i>For Equipment Base Roof Curb, Add</i>	2,431.29	
23 74 13 00-0038	EA	60 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit.....	36,792.92	1,284.56
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-1,711.19	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-684.48	
		<i>For Unit Economizer, Add</i>	4,363.77	
		<i>For Equipment Base Roof Curb, Add</i>	2,823.70	
23 74 13 00-0039	EA	80 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit.....	52,546.71	1,544.62
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-2,473.27	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-989.31	
		<i>For Unit Economizer, Add</i>	6,243.98	
		<i>For Equipment Base Roof Curb, Add</i>	4,018.04	
23 74 13 00-0040	EA	90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	61,614.64	1,615.55
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-2,919.57	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-1,167.83	
		<i>For Unit Economizer, Add</i>	7,329.29	
		<i>For Equipment Base Roof Curb, Add</i>	4,701.68	
23 74 13 00-0041	EA	100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	66,326.41	1,773.16
		<i>For Hot Water Heating Coil Instead Of Gas, Deduct</i>	-3,139.00	
		<i>For Steam Heating Coil Instead Of Gas, Deduct</i>	-1,255.60	
		<i>For Unit Economizer, Add</i>	7,888.24	
		<i>For Equipment Base Roof Curb, Add</i>	5,063.14	

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

23 74 13 00-0042
Gas Cooling, Gas Heat, Self Contained Package Rooftop Unit (23 74 13)

Note: Units up to 5 tons have 13 SEER. Units > 5 to 11 tons have 10.1 EER, >11 to 19 tons have 9.5 EER, >19 to 63 tons have 9.3 EER and >63 tons have 9.0 EER. Excludes crane and associated personnel.

23 74 13 00-0043	EA 2 Ton Gas Cooling, 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,028.84	212.78
	For Unit Economizer, Add	477.63	
	For Equipment Base Roof Curb, Add	309.45	
23 74 13 00-0044	EA 3 Ton Gas Cooling, 90 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,339.14	244.30
	For Unit Economizer, Add	514.08	
	For Equipment Base Roof Curb, Add	333.71	
23 74 13 00-0045	EA 4 Ton Gas Cooling, 110 MBH Gas Heating, Self Contained Package Rooftop Unit.....	4,709.66	252.18
	For Unit Economizer, Add	558.38	
	For Equipment Base Roof Curb, Add	361.70	
23 74 13 00-0046	EA 5 Ton Gas Cooling, 112 MBH Gas Heating, Self Contained Package Rooftop Unit.....	5,231.49	315.23
	For Unit Economizer, Add	619.27	
	For Equipment Base Roof Curb, Add	403.00	
23 74 13 00-0047	EA 6 Ton Gas Cooling, 150 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,432.79	338.87
	For Unit Economizer, Add	882.79	
	For Equipment Base Roof Curb, Add	568.89	
23 74 13 00-0048	EA 7.5 Ton Gas Cooling, 200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	9,633.33	362.51
	For Unit Economizer, Add	1,146.23	
	For Equipment Base Roof Curb, Add	734.71	
23 74 13 00-0049	EA 10 Ton Gas Cooling, 270 MBH Gas Heating, Self Contained Package Rooftop Unit.....	13,483.81	386.15
	For Unit Economizer, Add	1,607.81	
	For Equipment Base Roof Curb, Add	1,024.09	
23 74 13 00-0050	EA 12.5 Ton Gas Cooling, 335 MBH Gas Heating, Self Contained Package Rooftop Unit.....	15,485.68	480.73
	For Unit Economizer, Add	1,845.36	
	For Equipment Base Roof Curb, Add	1,177.58	
23 74 13 00-0051	EA 15 Ton Gas Cooling, 375 MBH Gas Heating, Self Contained Package Rooftop Unit.....	17,476.86	575.29
	For Unit Economizer, Add	2,081.78	
	For Equipment Base Roof Curb, Add	1,330.07	
23 74 13 00-0052	EA 18 Ton Gas Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	22,789.93	669.87
	For Unit Economizer, Add	2,716.98	
	For Equipment Base Roof Curb, Add	1,731.51	
23 74 13 00-0053	EA 20 Ton Gas Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit.....	28,107.37	756.55
	For Unit Economizer, Add	3,352.55	
	For Equipment Base Roof Curb, Add	2,133.47	
23 74 13 00-0054	EA 25 Ton Gas Cooling, 525 MBH Gas Heating, Self Contained Package Rooftop Unit.....	33,545.37	969.33
	For Unit Economizer, Add	3,999.60	
	For Equipment Base Roof Curb, Add	2,548.21	
23 74 13 00-0055	EA 30 Ton Gas Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit.....	39,716.53	1,182.11
	For Unit Economizer, Add	4,734.46	
	For Equipment Base Roof Curb, Add	3,018.14	
23 74 13 00-0056	EA 40 Ton Gas Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit.....	51,542.78	1,410.65
	For Unit Economizer, Add	6,147.46	
	For Equipment Base Roof Curb, Add	3,912.80	
23 74 13 00-0057	EA 50 Ton Gas Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit.....	62,689.16	1,773.16
	For Unit Economizer, Add	7,475.41	
	For Equipment Base Roof Curb, Add	4,760.79	
23 74 13 00-0058	EA 60 Ton Gas Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	70,829.31	1,930.78
	For Unit Economizer, Add	8,448.13	
	For Equipment Base Roof Curb, Add	5,376.43	
23 74 13 00-0059	EA 80 Ton Gas Cooling, 1,300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	116,563.92	2,309.05
	For Unit Economizer, Add	13,926.04	
	For Equipment Base Roof Curb, Add	8,819.33	
23 74 13 00-0060	EA 90 Ton Gas Cooling, 1,500 MBH Gas Heating, Self Contained Package Rooftop Unit.....	137,183.83	2,419.38
	For Unit Economizer, Add	16,397.60	
	For Equipment Base Roof Curb, Add	10,369.37	
23 74 13 00-0061	EA 100 Ton Gas Cooling, 1,700 MBH Gas Heating, Self Contained Package Rooftop Unit.....	147,575.32	2,655.81
	For Unit Economizer, Add	17,638.11	
	For Equipment Base Roof Curb, Add	11,156.81	

23 74 13 00-0062
Heat Pump, Packaged, Outdoor, Central-Station Air-Handling Units (23 74 13)

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 13 00-0063
Packaged Rooftop Heat Pump Units (23 74 13 00-0062)

Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.

23 74 13 00-0064	EA 2 Ton Packaged Rooftop Heat Pump.....	4,430.71	323.11
	For Economizer With Outside Air Control, Add	1,117.85	
	For Upgrade Of Economizer To OS Air Enthalpy Control, Add	189.22	
23 74 13 00-0065	EA 2.5 Ton Packaged Rooftop Heat Pump.....	4,636.47	338.87
	For Economizer With Outside Air Control, Add	1,172.49	
	For Upgrade Of Economizer To OS Air Enthalpy Control, Add	197.54	
23 74 13 00-0066	EA 3 Ton Packaged Rooftop Heat Pump.....	4,891.69	370.39
	For Economizer With Outside Air Control, Add	1,239.80	
	For Upgrade Of Economizer To OS Air Enthalpy Control, Add	207.94	
23 74 13 00-0067	EA 3.5 Ton Packaged Rooftop Heat Pump.....	5,253.58	394.04
	For Economizer With Outside Air Control, Add	1,155.77	
	For Upgrade Of Economizer To OS Air Enthalpy Control, Add	222.88	
23 74 13 00-0068	EA 4 Ton Packaged Rooftop Heat Pump.....	5,607.59	425.55
	For Economizer With Outside Air Control, Add	1,234.16	
	For Upgrade Of Economizer To OS Air Enthalpy Control, Add	237.82	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 74 13 00-0069	EA	5 Ton Packaged Rooftop Heat Pump	6,012.57	457.08
		<i>For Economizer With Outside Air Control, Add</i>	1,326.41	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	203.62	
23 74 13 00-0070	EA	6 Ton Packaged Rooftop Heat Pump	6,805.25	488.60
		<i>For Economizer With Outside Air Control, Add</i>	1,479.37	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	1,129.69	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	174.84	
23 74 13 00-0071	EA	7.5 Ton Packaged Rooftop Heat Pump	9,086.51	512.24
		<i>For Economizer With Outside Air Control, Add</i>	1,482.68	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	1,402.14	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	241.62	
23 74 13 00-0072	EA	8.5 Ton Packaged Rooftop Heat Pump	10,205.65	551.65
		<i>For Economizer With Outside Air Control, Add</i>	1,549.84	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	273.31	
23 74 13 00-0073	EA	10 Ton Packaged Rooftop Heat Pump	11,058.31	583.18
		<i>For Economizer With Outside Air Control, Add</i>	1,569.22	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	198.00	
23 74 13 00-0074	EA	12.5 Ton Packaged Rooftop Heat Pump	12,989.01	646.22
		<i>For Economizer With Outside Air Control, Add</i>	1,815.87	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	233.93	
23 74 13 00-0075	EA	15 Ton Packaged Rooftop Heat Pump	14,911.85	709.27
		<i>For Economizer With Outside Air Control, Add</i>	2,058.60	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	269.87	
23 74 13 00-0076	EA	17.5 Ton Packaged Rooftop Heat Pump	16,687.29	740.79
		<i>For Economizer With Outside Air Control, Add</i>	2,236.14	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	305.38	
23 74 13 00-0077	EA	20 Ton Packaged Rooftop Heat Pump	18,588.82	772.31
		<i>For Economizer With Outside Air Control, Add</i>	2,476.73	
		<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	340.88	
23 74 13 00-0078		AAON Rooftop Units <small>(23 74 13)</small>		
		Note: The minimum EER for units 5 to 10 tons is 11.2, >10 to 20 tons is 11.0, and >20 is 10.0. See CSI section 26 28 16 00-0001 for disconnects.		
23 74 13 00-0079		AAON RQ Rooftop Units <small>(23 74 13 00-0078)</small>		
		Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0080	EA	2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002)	5,412.75	157.61
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	644.47	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	699.21	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	550.48	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	630.01	
		<i>For Factory Installed Exhaust Fan, Add</i>	3,212.01	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	749.81	
23 74 13 00-0081	EA	3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003)	5,831.30	165.50
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	690.94	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	749.81	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	589.73	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	675.45	
		<i>For Factory Installed Exhaust Fan, Add</i>	3,212.01	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	749.81	
23 74 13 00-0082	EA	4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004)	5,938.98	173.38
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	690.94	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	749.81	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	589.73	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	675.45	
		<i>For Factory Installed Exhaust Fan, Add</i>	3,212.01	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	749.81	
23 74 13 00-0083	EA	5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005)	6,036.33	189.14
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	690.94	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	749.81	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	589.73	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	675.45	
		<i>For Factory Installed Exhaust Fan, Add</i>	3,212.01	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	749.81	
23 74 13 00-0084	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006)	6,604.64	197.01
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	690.94	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	749.81	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	589.73	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	675.45	
		<i>For Factory Installed Exhaust Fan, Add</i>	3,212.01	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	749.81	
23 74 13 00-0085		AAON RNA Rooftop Units <small>(23 74 13 00-0078)</small>		
		Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0086	EA	6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006)	8,232.61	204.90
		<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	672.35	
		<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,032.80	
		<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	688.88	
		<i>For Factory Installed Non-Fused Disconnect, Add</i>	636.20	
		<i>For Factory Installed Exhaust Fan, Add</i>	1,715.48	
		<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	584.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0087	EA		7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007)	8,820.81	220.66
			<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	672.35	
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,032.80	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	688.88	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	636.20	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,715.48	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	584.56	
23 74 13 00-0088	EA		8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008)	10,203.24	236.43
			<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	672.35	
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,032.80	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	688.88	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	636.20	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,715.48	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	584.56	
23 74 13 00-0089	EA		10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010)	10,305.25	260.06
			<i>For Factory Installed And Wired Dry Bulb Economizer, Add</i>	672.35	
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,032.80	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	688.88	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	636.20	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,715.48	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	584.56	
23 74 13 00-0090			AAON RNB Rooftop Units <small>(23 74 13 00-0078)</small>		
			Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0091	EA		9 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-009)	12,448.31	260.06
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	990.46	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	774.60	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,635.96	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	587.66	
23 74 13 00-0092	EA		11 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-011)	12,671.07	291.59
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	990.46	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	774.60	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,635.96	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	587.66	
23 74 13 00-0093	EA		13 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-013)	13,785.50	323.11
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	990.46	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	774.60	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,635.96	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	587.66	
23 74 13 00-0094	EA		15 Ton, Air Cooled Packaged Rooftop Units (AAON RNB-015)	14,088.16	354.63
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	990.46	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	774.60	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	1,635.96	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	587.66	
23 74 13 00-0095			AAON RNC Rooftop Units <small>(23 74 13 00-0078)</small>		
			Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) on/off scroll compressors, terminal strip for field provided thermostat, gas heat, factory installed 3 position economizer. Excludes controls, disconnect, freight, roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0096	EA		16 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-016)	18,583.98	386.15
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,462.44	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	1,032.80	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	3,000.28	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	267.50	
23 74 13 00-0097	EA		18 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-018)	20,095.01	417.68
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,462.44	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	1,032.80	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	3,000.28	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	267.50	
23 74 13 00-0098	EA		20 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-020)	21,298.92	449.20
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,462.44	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	1,032.80	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	3,000.28	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	267.50	
23 74 13 00-0099	EA		25 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-025)	22,805.86	512.24
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,462.44	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	1,032.80	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	3,000.28	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	267.50	
23 74 13 00-0100	EA		30 Ton, Air Cooled Packaged Rooftop Units (AAON RNC-030)	25,746.34	583.18
			<i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i>	1,462.44	
			<i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i>	1,032.80	
			<i>For Factory Installed Non-Fused Disconnect, Add</i>	614.52	
			<i>For Factory Installed Exhaust Fan, Add</i>	3,000.28	
			<i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	267.50	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 74 13 00-0101	AAON RND Rooftop Units <small>(23 74 13 00-0078)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (2) variable capacity digital scroll compressor and (2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), factory installed non-fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0102	EA 26 Ton, Air Cooled Packaged Rooftop Units (AAON RND-026) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	35,797.25 1,291.00 1,398.41 1,962.32	646.22
23 74 13 00-0103	EA 31 Ton, Air Cooled Packaged Rooftop Units (AAON RND-031) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	40,644.27 1,291.00 1,398.41 1,962.32	709.27
23 74 13 00-0104	EA 40 Ton, Air Cooled Packaged Rooftop Units (AAON RND-040) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	47,315.92 1,291.00 1,398.41 1,962.32	803.83
23 74 13 00-0105	EA 50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	55,054.83 1,291.00 1,398.41 1,962.32	906.28
23 74 13 00-0106	EA 60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	59,935.58 1,291.00 1,398.41 1,962.32	1,000.86
23 74 13 00-0107	EA 70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	62,961.82 1,291.00 1,398.41 1,962.32	1,095.42
23 74 13 00-0108	AAON RNE Rooftop Units <small>(23 74 13 00-0078)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non fused disconnect, freight and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 13 00-0109	EA 55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	59,108.24 1,458.31 2,094.52 2,788.56	1,221.51
23 74 13 00-0110	EA 65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	64,909.28 1,458.31 2,094.52 2,788.56	1,355.48
23 74 13 00-0111	EA 75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	68,992.12 1,458.31 2,094.52 2,788.56	1,481.57
23 74 13 00-0112	EA 95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	82,094.01 1,458.31 2,094.52 2,788.56	1,615.55
23 74 13 00-0113	EA 105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	88,404.27 1,458.31 2,094.52 2,788.56	1,773.16
23 74 13 00-0114	EA 120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	103,552.20 1,458.31 2,094.52 2,788.56	1,930.78
23 74 13 00-0115	EA 130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	105,865.50 1,458.31 2,094.52 2,788.56	2,096.28
23 74 13 00-0116	EA 140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140) <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	110,153.54 1,458.31 2,094.52 2,788.56	2,253.89
23 74 13 00-0117	Heating Only Packaged Rooftop Units <small>(23 74 13)</small> Note: Includes throwaway filters and filter rack. Manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel.		
23 74 13 00-0118	EA 24 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	2,138.60 139.93	244.30
23 74 13 00-0119	EA 32 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	2,522.42 165.22	283.70
23 74 13 00-0120	EA 45 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	3,423.18 227.96	291.59
23 74 13 00-0121	EA 60 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	3,982.91 264.15	370.39
23 74 13 00-0122	EA 95 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	4,711.12 312.76	425.55
23 74 13 00-0123	EA 112 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	5,322.04 354.10	457.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 13 00-0124	EA		140 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	6,345.33 424.79	496.49
23 74 13 00-0125	EA		170 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	8,172.37 551.42	512.24
23 74 13 00-0126	EA		200 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	10,933.47 742.17	583.18
23 74 13 00-0127	EA		230 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	12,852.43 873.82	646.22
23 74 13 00-0128	EA		270 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	16,918.15 1,152.75	788.07
23 74 13 00-0129	EA		330 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	21,178.49 1,444.82	945.68
23 74 13 00-0130	EA		360 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	26,419.22 1,802.06	1,182.11
23 74 13 00-0131	EA		450 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	31,979.12 2,187.16	1,292.43
23 74 13 00-0132	EA		540 MBH Electric Heating Only Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i>	41,246.36 2,825.62	1,544.62

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units (23 74)
23 74 23 00-0001
Make-Up Air Units (23 74 23)

Note: Including throwaway filters. Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant, and include start-up. Excludes crane and associated personnel.

23 74 23 00-0002
Gas-Fired Electric Spark Make-Up Air Units (23 74 23 00-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 00-0003	EA		100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	4,139.23 1,064.45 328.17	354.63
23 74 23 00-0004	EA		300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	5,324.34 1,394.37 419.62	401.92
23 74 23 00-0005	EA		500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	7,363.67 1,972.68 575.92	472.84
23 74 23 00-0006	EA		670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	7,439.87 1,977.81 583.41	504.37
23 74 23 00-0007	EA		800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	10,105.02 2,747.80 786.25	567.42
23 74 23 00-0008	EA		1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	15,248.05 4,219.78 1,179.07	709.27

23 74 23 00-0009
Electric Make-Up Air Units (23 74 23 00-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 00-0010	EA		33 KW 1/2 HP, 1,200 CFM Make-up Air Unit, Electric <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	8,362.69 2,331.49 644.93	354.63
23 74 23 00-0011	EA		100 KW 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	11,915.76 3,371.80 913.98	401.92
23 74 23 00-0012	EA		150 KW 2 HP, 4,000 CFM Make-up Air Unit, Electric <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	14,750.69 4,188.79 1,129.94	472.84
23 74 23 00-0013	EA		250 KW 5 HP, 7,500 CFM Make-up Air Unit, Electric <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	19,064.36 5,435.60 1,458.20	567.42
23 74 23 00-0014	EA		400 KW 10 HP, 10,000 CFM Make-up Air Unit, Electric <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Equipment Base Roof Curb, Add</i>	30,738.92 8,867.04 2,340.88	709.27

23 76 Evaporative Air-Cooling Equipment (23 70)
23 76 13
Direct Evaporative Air Coolers (23 76)
23 76 13 00-0001
Residential Side Or Down Draft Evaporative Cooling Unit (23 76 13)

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA		3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,014.71	248.95
23 76 13 00-0003	EA		4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,198.18	290.44
23 76 13 00-0004	EA		4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,546.18	331.93
23 76 13 00-0005	EA		5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,684.38	373.42
23 76 13 00-0006	EA		6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit	1,933.00	414.91
23 76 13 00-0007	EA		7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit	2,082.24	456.40

23 76 13 00-0008
Industrial Side Draft/Side Discharge Evaporative Coolers (23 76 13)

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA		7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,893.53	235.63
23 76 13 00-0010	EA		8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit	1,954.11	243.25
23 76 13 00-0011	EA		9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	2,331.04	337.84
23 76 13 00-0012	EA		11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	4,961.83	398.78
23 76 13 00-0013	EA		13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,382.70	583.82
23 76 13 00-0014	EA		16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,162.86	622.75

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 76 Evaporative Air-Cooling Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	5,671.43	700.59
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,730.68	875.73
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	6,778.41	1,144.75
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,536.46	1,167.64
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit	7,942.81	1,297.40
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	10,680.01	2,027.17
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit	11,960.58	2,115.29

23 80 Decentralized Unitary HVAC Equipment ⁽²³⁾

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 00-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment ^(23 80)**23 81 13 Packaged Terminal Air-Conditioners** ^(23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 00-0001 Packaged Terminal Air-Conditioners ^(23 81 13)**23 81 13 00-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners** ^(23 81 13)

23 81 13 00-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,112.33	155.59
		For >35 To 70, Deduct	-24.03	
		For >70 To 100, Deduct	-40.06	
		For >100, Deduct	-56.08	
23 81 13 00-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,174.59	180.10
		For >35 To 70, Deduct	-24.44	
		For >70 To 100, Deduct	-40.74	
		For >100, Deduct	-57.04	
23 81 13 00-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,244.27	191.94
		For >35 To 70, Deduct	-25.80	
		For >70 To 100, Deduct	-43.00	
		For >100, Deduct	-60.20	
23 81 13 00-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner	1,343.79	206.31
		For >35 To 70, Deduct	-27.94	
		For >70 To 100, Deduct	-46.57	
		For >100, Deduct	-65.19	

23 81 13 00-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners ^(23 81 13)

23 81 13 00-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,175.76	159.81
		For >35 To 70, Deduct	-25.70	
		For >70 To 100, Deduct	-42.84	
		For >100, Deduct	-59.97	
23 81 13 00-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,247.04	180.10
		For >35 To 70, Deduct	-26.62	
		For >70 To 100, Deduct	-44.36	
		For >100, Deduct	-62.11	
23 81 13 00-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,296.77	191.94
		For >35 To 70, Deduct	-27.37	
		For >70 To 100, Deduct	-45.62	
		For >100, Deduct	-63.87	
23 81 13 00-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner	1,413.09	206.31
		For >35 To 70, Deduct	-30.02	
		For >70 To 100, Deduct	-50.03	
		For >100, Deduct	-70.04	

23 81 13 00-0012 Removal And Reinstallation Of Thru-Wall A/C Unit ^(23 81 13)

Note: Includes storage and cleaning.

23 81 13 00-0013	EA	Remove And Reinstall Thru Wall Air Conditioning Unit	165.96	
23 81 13 00-0014	EA	Remove And Reinstall Window Air Conditioning Unit In Lower Sash	103.73	
23 81 13 00-0015	EA	Remove And Reinstall Window Air Conditioning Unit In Upper Sash	223.29	

23 81 13 00-0016 Thru Wall A/C Unit Sleeve ^(23 81 13)

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 00-0017	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	69.84	
23 81 13 00-0018	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve	78.72	
23 81 13 00-0019	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve	87.59	

23 81 13 00-0020 Single Package Vertical Wall Cooling Unit ^(23 81 13)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 13 00-0021	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	2,627.28	189.23
23 81 13 00-0022	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	4,121.71	198.25
23 81 13 00-0023	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	5,361.44	207.26

MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

23 81 13 00-0024	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	6,158.55	225.28
23 81 13 00-0025	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	7,712.71	261.33
23 81 13 00-0026	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	8,299.52	324.40
23 81 13 00-0027	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	9,191.76	360.45
23 81 13 00-0028	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	10,124.04	405.51
23 81 13 00-0029	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	11,407.81	486.62
23 81 13 00-0030	EA	7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	14,735.43	603.76
23 81 13 00-0031	EA	10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	17,624.41	811.02
23 81 13 00-0032	EA	15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	24,633.16	991.25
23 81 13 00-0033	EA	20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	28,397.38	1,180.49
23 81 13 00-0034	EA	25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	33,893.02	1,324.67

23 81 16 Room Air-Conditioners (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 16 00-0001		Window Unit, Room Air-Conditioners (23 81 16)		
23 81 16 00-0002		Cooling Only, Window Unit, Room Air-Conditioners (23 81 16 00-0001)		
23 81 16 00-0003		Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) (23 81 16 00-0002)		
23 81 16 00-0004	EA	5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	393.26	87.13
		For >10 To 50, Deduct	-10.95	
		For >50 To 75, Deduct	-15.33	
		For >75 To 100, Deduct	-21.90	
		For >100, Deduct	-26.28	
23 81 16 00-0005	EA	6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	560.66	87.13
		For >10 To 50, Deduct	-11.45	
		For >50 To 75, Deduct	-16.03	
		For >75 To 100, Deduct	-22.90	
		For >100, Deduct	-27.48	
23 81 16 00-0006	EA	8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833Q1)	453.26	87.13
		For >10 To 50, Deduct	-13.95	
		For >50 To 75, Deduct	-19.53	
		For >75 To 100, Deduct	-27.90	
		For >100, Deduct	-33.48	
23 81 16 00-0007	EA	10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033Q1)	533.26	87.13
		For >10 To 50, Deduct	-17.95	
		For >50 To 75, Deduct	-25.13	
		For >75 To 100, Deduct	-35.90	
		For >100, Deduct	-43.08	
23 81 16 00-0008	EA	12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	603.26	87.13
		For >10 To 50, Deduct	-21.45	
		For >50 To 75, Deduct	-30.03	
		For >75 To 100, Deduct	-42.90	
		For >100, Deduct	-51.48	
23 81 16 00-0009	EA	15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	763.26	87.13
		For >10 To 50, Deduct	-29.45	
		For >50 To 75, Deduct	-41.23	
		For >75 To 100, Deduct	-58.90	
		For >100, Deduct	-70.68	
23 81 16 00-0010	EA	8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	663.26	87.13
		For >10 To 50, Deduct	-24.45	
		For >50 To 75, Deduct	-34.23	
		For >75 To 100, Deduct	-48.90	
		For >100, Deduct	-58.68	
23 81 16 00-0011	EA	10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	703.26	87.13
		For >10 To 50, Deduct	-26.45	
		For >50 To 75, Deduct	-37.03	
		For >75 To 100, Deduct	-52.90	
		For >100, Deduct	-63.48	
23 81 16 00-0012	EA	12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	753.26	87.13
		For >10 To 50, Deduct	-28.95	
		For >50 To 75, Deduct	-40.53	
		For >75 To 100, Deduct	-57.90	
		For >100, Deduct	-69.48	
23 81 16 00-0013	EA	15,100 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	763.26	87.13
		For >10 To 50, Deduct	-29.45	
		For >50 To 75, Deduct	-41.23	
		For >75 To 100, Deduct	-58.90	
		For >100, Deduct	-70.68	
23 81 16 00-0014	EA	18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	813.26	87.13
		For >10 To 50, Deduct	-31.95	
		For >50 To 75, Deduct	-44.73	
		For >75 To 100, Deduct	-63.90	
		For >100, Deduct	-76.68	
23 81 16 00-0015	EA	22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233Q2)	873.26	87.13
		For >10 To 50, Deduct	-34.95	
		For >50 To 75, Deduct	-48.93	
		For >75 To 100, Deduct	-69.90	
		For >100, Deduct	-83.88	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81	16 00-0016	EA	25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533Q2)	883.26	87.13
			<i>For >10 To 50, Deduct</i>	-35.45	
			<i>For >50 To 75, Deduct</i>	-49.63	
			<i>For >75 To 100, Deduct</i>	-70.90	
			<i>For >100, Deduct</i>	-85.08	
23 81	16 00-0017	EA	28,500 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FRA296ST2)	1,043.26	87.13
			<i>For >10 To 50, Deduct</i>	-43.45	
			<i>For >50 To 75, Deduct</i>	-60.83	
			<i>For >75 To 100, Deduct</i>	-86.90	
			<i>For >100, Deduct</i>	-104.28	
23 81	16 00-0018		Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) <small>(23 81 16 00-0002)</small>		
23 81	16 00-0019	EA	8,000 BTU, 11.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10B)	910.45	87.13
23 81	16 00-0020	EA	9,700 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10B)	936.74	87.13
23 81	16 00-0021	EA	12,000 BTU, 11.3 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10B)	963.04	87.13
23 81	16 00-0022	EA	13,500 BTU, 10.8 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS14N10A)	1,041.91	87.13
23 81	16 00-0023	EA	12,100 BTU, 11.3 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30B)	963.04	87.13
23 81	16 00-0024	EA	15,200 BTU, 10.7 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS16N30)	1,015.62	87.13
23 81	16 00-0025	EA	17,200 BTU, 10.7 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30)	1,041.91	87.13
23 81	16 00-0026	EA	23,200 BTU, 8.5 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM24N30A)	1,173.38	87.13
23 81	16 00-0027	EA	27,600 BTU, 9.6 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30B)	1,410.01	87.13
23 81	16 00-0028	EA	35,500 BTU, 9 EER, 220 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B)	1,620.35	87.13
23 81	16 00-0029		Heating And Cooling, Window Unit, Room Air-Conditioners <small>(23 81 16 00-0001)</small>		
23 81	16 00-0030		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) <small>(23 81 16 00-0029)</small>		
23 81	16 00-0031	EA	8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FRA12EZU2)	733.26	87.13
			<i>For >10 To 50, Deduct</i>	-27.95	
			<i>For >50 To 75, Deduct</i>	-39.13	
			<i>For >75 To 100, Deduct</i>	-55.90	
			<i>For >100, Deduct</i>	-67.08	
23 81	16 00-0032	EA	12,000 BTU, 9.8 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222Q2)	963.26	87.13
			<i>For >10 To 50, Deduct</i>	-39.45	
			<i>For >50 To 75, Deduct</i>	-55.23	
			<i>For >75 To 100, Deduct</i>	-78.90	
			<i>For >100, Deduct</i>	-94.68	
23 81	16 00-0033	EA	18,000 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822Q2)	923.26	87.13
			<i>For >10 To 50, Deduct</i>	-37.45	
			<i>For >50 To 75, Deduct</i>	-52.43	
			<i>For >75 To 100, Deduct</i>	-74.90	
			<i>For >100, Deduct</i>	-89.88	
23 81	16 00-0034	EA	25,000 BTU, 9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522Q2)	1,143.26	87.13
			<i>For >10 To 50, Deduct</i>	-48.45	
			<i>For >50 To 75, Deduct</i>	-67.83	
			<i>For >75 To 100, Deduct</i>	-96.90	
			<i>For >100, Deduct</i>	-116.28	
23 81	16 00-0035		Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0029)</small>		
23 81	16 00-0036	EA	7,900 BTU, 11.2 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EQ08N11B)	933.26	87.13
23 81	16 00-0037	EA	12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B)	1,273.26	87.13
23 81	16 00-0038	EA	15,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES16N33)	1,353.26	87.13
23 81	16 00-0039	EA	17,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM18N34)	1,473.26	87.13
23 81	16 00-0040	EA	23,500 BTU, 8.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM24N34)	1,613.26	87.13
23 81	16 00-0041	EA	36,000 BTU, 9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich EM36N35B)	2,223.26	87.13
23 81	16 00-0042		Accessories <small>(23 81 16 00-0001)</small>		
23 81	16 00-0043	SET	Aluminum Air Conditioner Unit Frame And Bracket Assembly	331.08	46.50
23 81	16 00-0044		Through-The-Wall, Room Air-Conditioners <small>(23 81 16)</small> Note: Base unit excludes wall sleeve.		
23 81	16 00-0045		Cooling Only, Through-The-Wall, Room Air-Conditioners <small>(23 81 16 00-0044)</small>		
23 81	16 00-0046		Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0045)</small>		
23 81	16 00-0047	EA	8,000 BTU, 10.4 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D)	803.47	62.24
			<i>For >10 To 50, Deduct</i>	-33.95	
			<i>For >50 To 75, Deduct</i>	-47.53	
			<i>For >75 To 100, Deduct</i>	-67.90	
			<i>For >100, Deduct</i>	-81.48	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	204.99	

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

23 81 16 00-0048	EA		9,700 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	853.47	62.24
			<i>For >10 To 50, Deduct</i>	-36.45	
			<i>For >50 To 75, Deduct</i>	-51.03	
			<i>For >75 To 100, Deduct</i>	-72.90	
			<i>For >100, Deduct</i>	-87.48	
			<i>204.99</i>		
23 81 16 00-0049	EA		11,500 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	973.47	62.24
			<i>For >10 To 50, Deduct</i>	-42.45	
			<i>For >50 To 75, Deduct</i>	-59.43	
			<i>For >75 To 100, Deduct</i>	-84.90	
			<i>For >100, Deduct</i>	-101.88	
			<i>204.99</i>		
23 81 16 00-0050	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	853.47	62.24
			<i>For >10 To 50, Deduct</i>	-36.45	
			<i>For >50 To 75, Deduct</i>	-51.03	
			<i>For >75 To 100, Deduct</i>	-72.90	
			<i>For >100, Deduct</i>	-87.48	
			<i>204.99</i>		
23 81 16 00-0051	EA		11,500 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	973.47	62.24
			<i>For >10 To 50, Deduct</i>	-42.45	
			<i>For >50 To 75, Deduct</i>	-59.43	
			<i>For >75 To 100, Deduct</i>	-84.90	
			<i>For >100, Deduct</i>	-101.88	
			<i>204.99</i>		
23 81 16 00-0052	EA		15,600 BTU, 8.5 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08C10D).....	1,023.47	62.24
			<i>For >10 To 50, Deduct</i>	-44.95	
			<i>For >50 To 75, Deduct</i>	-62.93	
			<i>For >75 To 100, Deduct</i>	-89.90	
			<i>For >100, Deduct</i>	-107.88	
			<i>204.99</i>		

23 81 16 00-0053 Heating And Cooling, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0044)

23 81 16 00-0054 Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0053)

23 81 16 00-0055	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10C33D).....	1,023.47	62.24
			<i>For >10 To 50, Deduct</i>	-44.95	
			<i>For >50 To 75, Deduct</i>	-62.93	
			<i>For >75 To 100, Deduct</i>	-89.90	
			<i>For >100, Deduct</i>	-107.88	
			<i>204.99</i>		
23 81 16 00-0056	EA		11,500 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12C33D).....	1,073.47	62.24
			<i>For >10 To 50, Deduct</i>	-47.45	
			<i>For >50 To 75, Deduct</i>	-66.43	
			<i>For >75 To 100, Deduct</i>	-94.90	
			<i>For >100, Deduct</i>	-113.88	
			<i>204.99</i>		

23 81 23 Computer-Room Air-Conditioners (23 81)

Note: Includes equipment rigging. Indoor units include filters.

23 81 23 00-0001 Floor Mounted Air Cooled Direct Expansion Type (23 81 23)

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquid sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.					
23 81 23 00-0002	EA		3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	19,777.46	1,771.18
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	2,139.72	
23 81 23 00-0003	EA		5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	21,824.89	1,937.22
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	2,362.87	
23 81 23 00-0004	EA		6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	30,009.07	2,213.97
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	3,339.52	
23 81 23 00-0005	EA		10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	35,629.52	2,490.71
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	3,990.62	
23 81 23 00-0006	EA		16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	40,015.79	2,988.85
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	4,438.24	
23 81 23 00-0007	EA		20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	45,171.16	3,320.95
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	5,028.97	
23 81 23 00-0008	EA		24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	47,441.47	3,542.35
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	5,265.26	
23 81 23 00-0009	EA		30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	55,610.79	3,985.14
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	6,210.44	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81	23 00-0010		Floor Mounted Chilled Water Type ^(23 81 23) Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for chilled water source.		
23 81	23 00-0011	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	13,317.94 1,462.47	1,213.62
23 81	23 00-0012	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	14,325.34 1,566.62	1,344.32
23 81	23 00-0013	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	17,848.59 1,889.81	2,047.59
23 81	23 00-0014	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	18,638.27 1,984.06	2,074.56
23 81	23 00-0015	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	19,358.69 2,058.86	2,157.54
23 81	23 00-0016	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	19,863.61 2,088.78	2,365.00
23 81	23 00-0017	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	21,090.75 2,208.47	2,572.45
23 81	23 00-0018		Floor Mounted Water Source ^(23 81 23) Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.		
23 81	23 00-0019	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	10,415.31 1,095.12	1,106.98
23 81	23 00-0020	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	11,441.93 1,213.06	1,162.33
23 81	23 00-0021	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	14,725.35 1,613.20	1,217.69
23 81	23 00-0022	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	15,877.52 1,735.34	1,328.38
23 81	23 00-0023	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	17,526.38 1,920.67	1,439.08
23 81	23 00-0024	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	18,235.47 1,988.06	1,549.77
23 81	23 00-0025	EA	15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	19,048.14 2,072.30	1,660.48
23 81	23 00-0026	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	19,608.80 2,122.85	1,771.18
23 81	23 00-0027	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit <i>For Liebert Unit, Add</i>	22,462.31 2,414.88	2,103.27
23 81	23 00-0028		Floor Mounted Glycol System Type ^(23 81 23) Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 00-0018 for water source.		
23 81	23 00-0029	EA	3 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	19,027.76 2,176.20	1,213.62
23 81	23 00-0030	EA	5 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	20,497.43 2,338.13	1,344.32
23 81	23 00-0031	EA	6 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	31,391.08 3,672.86	1,506.13
23 81	23 00-0032	EA	9 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	32,437.99 3,776.76	1,667.95
23 81	23 00-0033	EA	10 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	34,735.42 4,036.97	1,829.76
23 81	23 00-0034	EA	16 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	41,530.30 4,843.80	2,074.56
23 81	23 00-0035	EA	20 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	45,487.02 5,324.90	2,157.54
23 81	23 00-0036	EA	22 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	47,220.23 5,508.36	2,365.00
23 81	23 00-0037	EA	30 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	57,389.04 6,745.75	2,572.45
23 81	23 00-0038		Ceiling Mounted Packaged Computer Room Air Conditioner ^(23 81 23) Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81	23 00-0039	EA	1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	7,763.40 871.82	526.11
23 81	23 00-0040	EA	1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	8,607.16 957.49	631.83
23 81	23 00-0041	EA	2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	9,862.75 1,084.66	790.74
23 81	23 00-0042	EA	3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	12,095.14 1,339.01	922.52
23 81	23 00-0043	EA	5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	16,285.07 1,847.72	1,002.67
23 81	23 00-0044		Removal And Reinstallation Of Computer Room Unit ^(23 81 23) Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81	23 00-0045	EA	Remove And Reinstall Computer Room Unit, Chilled Water	1,659.65	
23 81	23 00-0046	EA	Remove And Reinstall Computer Room Unit, Direct Expansion	1,383.03	

23 81 26 Split-System Air-Conditioners (23 81)

23 81 26 00-0001	EA	Split System A/C Unit (23 81 26) See CSI section 22 07 19 00-0490 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.		
23 81 26 00-0002	EA	Ductless Split System Air Conditioners (23 81 26 00-0001) Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0024 for ductless heat pumps.		
23 81 26 00-0003	EA	Wall Mounted Ductless Split System Air Conditioners (23 81 26 00-0002)		
23 81 26 00-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,732.43	273.85
23 81 26 00-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	1,874.72	298.73
23 81 26 00-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,347.74	331.93
23 81 26 00-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,607.75	365.12
23 81 26 00-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,036.85	398.31
23 81 26 00-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,705.87	414.91
23 81 26 00-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,164.75	442.30
23 81 26 00-0011	EA	Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners (23 81 26 00-0002) Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 00-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	744.93	132.77
23 81 26 00-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	786.98	141.07
23 81 26 00-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	829.76	149.37
23 81 26 00-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	939.38	157.67
23 81 26 00-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,004.92	165.96
23 81 26 00-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,080.99	199.16
23 81 26 00-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,302.43	215.76
23 81 26 00-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,655.04	232.35
23 81 26 00-0020	EA	Suspended Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 00-0002) Note: Excludes hangers.		
23 81 26 00-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,325.76	398.31
23 81 26 00-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,271.59	475.49
23 81 26 00-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,444.07	497.90
23 81 26 00-0024	EA	Recessed Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 00-0002) Note: Excludes hangers.		
23 81 26 00-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,645.22	331.93
23 81 26 00-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,085.92	365.12
23 81 26 00-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,298.57	431.50
23 81 26 00-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,977.78	475.49
23 81 26 00-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,297.16	497.90
23 81 26 00-0030	EA	Ductless Split System Accessories (23 81 26 00-0002)		
23 81 26 00-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8.10	1.19
23 81 26 00-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	10.25	1.31
23 81 26 00-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	12.64	1.44
23 81 26 00-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	13.76	2.23
23 81 26 00-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	22.63	2.45
23 81 26 00-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	25.71	2.70
23 81 26 00-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	33.39	4.46
23 81 26 00-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	53.45	4.91
23 81 26 00-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	59.61	5.40
23 81 26 00-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	43.64	4.76
23 81 26 00-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	50.94	5.23
23 81 26 00-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	77.07	5.76
23 81 26 00-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	33.39	4.46
23 81 26 00-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	53.45	4.91

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 81 Decentralized Unitary HVAC Equipment



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 3 columns: Item ID, Description, and Costs. Includes items like 6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers, 3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers, etc.

23 81 26 00-0065 Cased A/C Evaporator Coils (23 81 26 00-0001)

23 81 26 00-0066 Vertical Cased A/C Evaporator Coils (23 81 26 00-0065)

Table with 3 columns: Item ID, Description, and Costs. Includes items like 1-1/2 Ton Vertical Cased A/C Evaporator Coil, 2 Ton Vertical Cased A/C Evaporator Coil, etc.

23 81 26 00-0075 "A" Style Horizontal Cased A/C Evaporator Coils (23 81 26 00-0065)

Table with 3 columns: Item ID, Description, and Costs. Includes items like 2 Ton "A" Style Horizontal Cased A/C Evaporator Coil, 2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil, etc.

23 81 26 00-0083 Slab Style Horizontal Cased A/C Evaporator Coils (23 81 26 00-0065)

Table with 3 columns: Item ID, Description, and Costs. Includes items like 2 Ton Slab Style Horizontal Cased A/C Evaporator Coil, 3 Ton Slab Style Horizontal Cased A/C Evaporator Coil, etc.

23 81 26 00-0088 Mitsubishi City Multi, Variable Refrigerant Flow (23 81 26 00-0001)

23 81 26 00-0089 Outdoor Units (23 81 26 00-0088)

Table with 3 columns: Item ID, Description, and Costs. Includes items like 6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A), 8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A), etc.

23 81 26 00-0101 Indoor Units (23 81 26 00-0088)

Table with 3 columns: Item ID, Description, and Costs. Includes items like 6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2), 8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2), etc.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0005	EA		2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,704.98	144.18
			<i>For Unit Economizer, Add</i>	438.65	
			<i>For >35 To 70, Deduct</i>	-102.23	
			<i>For >70 To 100, Deduct</i>	-170.38	
			<i>For >100, Deduct</i>	-238.53	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	176.57	
23 81 43 00-0006	EA		2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,195.36	153.20
			<i>For Unit Economizer, Add</i>	497.14	
			<i>For >35 To 70, Deduct</i>	-116.40	
			<i>For >70 To 100, Deduct</i>	-194.00	
			<i>For >100, Deduct</i>	-271.60	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	195.25	
23 81 43 00-0007	EA		3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,397.79	162.20
			<i>For Unit Economizer, Add</i>	521.43	
			<i>For >35 To 70, Deduct</i>	-122.47	
			<i>For >70 To 100, Deduct</i>	-204.12	
			<i>For >100, Deduct</i>	-285.77	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	609.56	
23 81 43 00-0008	EA		3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,955.63	162.20
			<i>For Unit Economizer, Add</i>	588.01	
			<i>For >35 To 70, Deduct</i>	-138.67	
			<i>For >70 To 100, Deduct</i>	-231.11	
			<i>For >100, Deduct</i>	-323.55	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	684.24	
23 81 43 00-0009	EA		4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,470.72	171.22
			<i>For Unit Economizer, Add</i>	649.64	
			<i>For >35 To 70, Deduct</i>	-153.85	
			<i>For >70 To 100, Deduct</i>	-256.41	
			<i>For >100, Deduct</i>	-358.98	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	752.29	
23 81 43 00-0010	EA		5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,300.78	198.25
			<i>For Unit Economizer, Add</i>	748.16	
			<i>For >35 To 70, Deduct</i>	-177.13	
			<i>For >70 To 100, Deduct</i>	-295.21	
			<i>For >100, Deduct</i>	-413.30	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	866.68	
23 81 43 00-0011	EA		7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	11,577.65	234.29
			<i>For Unit Economizer, Add</i>	1,379.77	
			<i>For >35 To 70, Deduct</i>	-333.00	
			<i>For >70 To 100, Deduct</i>	-555.00	
			<i>For >100, Deduct</i>	-777.00	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,562.41	
23 81 43 00-0012	EA		10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	14,908.99	297.37
			<i>For Unit Economizer, Add</i>	1,777.00	
			<i>For >35 To 70, Deduct</i>	-429.16	
			<i>For >70 To 100, Deduct</i>	-715.26	
			<i>For >100, Deduct</i>	-1,001.37	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	293.99	
23 81 43 00-0013	EA		12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	18,210.99	333.42
			<i>For Unit Economizer, Add</i>	2,171.98	
			<i>For >35 To 70, Deduct</i>	-526.32	
			<i>For >70 To 100, Deduct</i>	-877.21	
			<i>For >100, Deduct</i>	-1,228.09	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	342.15	
23 81 43 00-0014	EA		15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	22,475.70	378.48
			<i>For Unit Economizer, Add</i>	2,682.13	
			<i>For >35 To 70, Deduct</i>	-651.83	
			<i>For >70 To 100, Deduct</i>	-1,086.39	
			<i>For >100, Deduct</i>	-1,520.94	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	404.26	
23 81 43 00-0015	EA		20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	29,961.30	405.51
			<i>For Unit Economizer, Add</i>	3,579.14	
			<i>For >35 To 70, Deduct</i>	-874.51	
			<i>For >70 To 100, Deduct</i>	-1,457.51	
			<i>For >100, Deduct</i>	-2,040.52	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	494.26	
23 81 43 00-0016	EA		25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	36,106.37	441.56
			<i>For Unit Economizer, Add</i>	4,315.10	
			<i>For >35 To 70, Deduct</i>	-1,056.70	
			<i>For >70 To 100, Deduct</i>	-1,761.16	
			<i>For >100, Deduct</i>	-2,465.63	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	573.01	

23 81 43 00-0017 Single Package Vertical Wall Heat Pumps^(23 81 43)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 V, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.

23 81 43 00-0018	EA		1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	2,737.23	180.23
23 81 43 00-0019	EA		1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	3,329.00	198.25
23 81 43 00-0020	EA		1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,316.02	207.26
23 81 43 00-0021	EA		2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	4,951.32	225.28
23 81 43 00-0022	EA		2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	6,196.41	261.33
23 81 43 00-0023	EA		3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	6,616.49	297.37
23 81 43 00-0024	EA		3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	7,182.09	333.42
23 81 43 00-0025	EA		4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	8,082.93	369.46
23 81 43 00-0026	EA		5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat.....	9,106.86	441.56

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 81 43 00-0027	Heat Pump, Room Air-Conditioners ^(23 81 43) Note: Includes throwaway filters and supplemental heat.		
23 81 43 00-0028	Heat Pump, Window Unit, Room Air-Conditioners ^(23 81 43 00-0027)		
23 81 43 00-0029	Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) ^(23 81 43 00-0028)		
23 81 43 00-0030	EA 9,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10B) 1,303.26 For >10 To 50, Deduct -56.45 For >50 To 75, Deduct -79.03 For >75 To 100, Deduct -112.90 For >100, Deduct -135.48		87.13
23 81 43 00-0031	EA 11,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33B) 1,523.26 For >10 To 50, Deduct -67.45 For >50 To 75, Deduct -94.43 For >75 To 100, Deduct -134.90 For >100, Deduct -161.88		87.13
23 81 43 00-0032	EA 17,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YM18N34B) 1,723.26 For >10 To 50, Deduct -77.45 For >50 To 75, Deduct -108.43 For >75 To 100, Deduct -154.90 For >100, Deduct -185.88		87.13
23 81 43 00-0033	EA 24,000 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35B) 1,953.26 For >10 To 50, Deduct -88.95 For >50 To 75, Deduct -124.53 For >75 To 100, Deduct -177.90 For >100, Deduct -213.48		87.13
23 81 43 00-0034	Heat Pump, Through-The-Wall, Room Air-Conditioners ^(23 81 43 00-0027) Note: Base unit excludes wall sleeve.		
23 81 43 00-0035	Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) ^(23 81 43 00-0034)		
23 81 43 00-0036	EA 9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D) 1,223.47 For >10 To 50, Deduct -54.95 For >50 To 75, Deduct -76.93 For >75 To 100, Deduct -109.90 For >100, Deduct -131.88 For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add 204.99		62.24
23 81 43 00-0037	EA 12,000 BTU, 8.6 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12C33D) 1,273.47 For >10 To 50, Deduct -57.45 For >50 To 75, Deduct -80.43 For >75 To 100, Deduct -114.90 For >100, Deduct -137.88 For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add 204.99		62.24
23 81 49	Split System Heat Pumps ^(23 81)		
23 81 49 00-0001	Air Cooled, Outdoor Section ^(23 81 49)		
23 81 49 00-0002	EA 1.5 Ton, 14 SEER, Outdoor Heat Pump Unit 1,893.50 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 354.34 For Winterstart Control, Add 100.07 For 16 SEER, Add 431.52 For 18 SEER, Add 654.72		267.63
23 81 49 00-0003	EA 2 Ton, 14 SEER, Outdoor Heat Pump Unit 1,967.56 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 370.53 For Winterstart Control, Add 105.74 For 16 SEER, Add 439.93 For 18 SEER, Add 667.48		297.37
23 81 49 00-0004	EA 2.5 Ton, 14 SEER, Outdoor Heat Pump Unit 2,163.65 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 409.63 For Winterstart Control, Add 117.91 For 16 SEER, Add 475.89 For 18 SEER, Add 722.04		345.14
23 81 49 00-0005	EA 3 Ton, 14 SEER, Outdoor Heat Pump Unit 2,375.77 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 363.19 For Winterstart Control, Add 131.08 For 16 SEER, Add 514.75 For 18 SEER, Add 781.00		396.50
23 81 49 00-0006	EA 3.5 Ton, 14 SEER, Outdoor Heat Pump Unit 2,452.84 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 375.44 For Winterstart Control, Add 135.54 For 16 SEER, Add 530.41 For 18 SEER, Add 804.76		411.82
23 81 49 00-0007	EA 4 Ton, 14 SEER, Outdoor Heat Pump Unit 2,716.84 Note: Precharged with refrigerant capable of charging the system with a 20' length of piping. For Low Ambient Protection, 0 Degree F, Add 413.88 For Winterstart Control, Add 149.22 For 16 SEER, Add 591.89 For 18 SEER, Add 898.04		473.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0008	EA		5 Ton, 14 SEER, Outdoor Heat Pump Unit.....	3,081.43	520.40
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	302.76	
			For Winterstart Control, Add	97.72	
			For 16 SEER, Add	678.02	
			For 18 SEER, Add	1,028.72	
23 81 49 00-0009	EA		7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit	6,051.21	580.88
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	468.52	
			For Winterstart Control, Add	135.20	
23 81 49 00-0010	EA		10 Ton, 11.1 EER, Outdoor Heat Pump Unit	8,389.11	697.05
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	329.95	
			For Winterstart Control, Add	173.66	
23 81 49 00-0011	EA		15 Ton, 10.9 EER, Outdoor Heat Pump Unit.....	11,053.21	813.22
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	370.34	
			For Winterstart Control, Add	214.84	
23 81 49 00-0012	EA		20 Ton, 10.3 EER, Outdoor Heat Pump Unit.....	15,290.29	871.31
			Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
			For Low Ambient Protection, 0 Degree F, Add	391.72	
			For Winterstart Control, Add	264.91	
23 81 49 00-0013			Indoor Section, Horizontal Upflow (23 81 49)		
			Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0014	EA		2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,042.50	88.80
			For Additional 5 KW Electric Heat, Add	95.33	
23 81 49 00-0015	EA		2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,146.39	110.61
			For Additional 5 KW Electric Heat, Add	103.58	
23 81 49 00-0016	EA		3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,192.80	133.61
			For Additional 5 KW Electric Heat, Add	105.90	
23 81 49 00-0017	EA		3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat	1,613.11	156.42
			For Additional 5 KW Electric Heat, Add	145.65	
23 81 49 00-0018	EA		4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,653.09	176.33
			For Additional 5 KW Electric Heat, Add	147.65	
23 81 49 00-0019	EA		5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	1,832.18	202.48
			For Additional 5 KW Electric Heat, Add	162.98	
23 81 49 00-0020	EA		7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat	3,932.31	331.93
			For Additional 5 KW Electric Heat, Add	360.04	
23 81 49 00-0021	EA		10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat.....	5,823.92	373.42
			For Additional 5 KW Electric Heat, Add	545.05	
23 81 49 00-0022	EA		15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat	8,195.11	414.91
			For Additional 5 KW Electric Heat, Add	778.02	
23 81 49 00-0023	EA		20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat	9,308.31	497.90
			For Additional 5 KW Electric Heat, Add	881.03	
23 81 49 00-0024			Ductless Split System Heat Pumps (23 81 49)		
			Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 00-0030 for accessories.		
23 81 49 00-0025			Wall Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)		
23 81 49 00-0026	EA		9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps	1,879.33	273.85
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0027	EA		11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,075.98	298.73
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0028	EA		17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps	2,535.78	331.93
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0029	EA		24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps	2,919.92	365.12
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0030	EA		25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps	4,153.88	398.31
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0031	EA		29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps	4,817.51	414.91
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0032	EA		31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps	5,285.94	442.30
			Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.		
23 81 49 00-0033			Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)		
			Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0034	EA		7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	777.24	132.77
			Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0035	EA		9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	820.03	141.07
			Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0036	EA		11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	863.55	149.37
			Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0037	EA		17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	984.18	157.67
			Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0038	EA		24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps.....	1,049.00	165.96
			Note: Includes indoor unit and wireless thermostat.		
23 81 49 00-0039	EA		19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	2,352.76	199.16
			Note: Includes outdoor unit and refrigerant charge.		
23 81 49 00-0040	EA		23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps	2,790.89	215.76
			Note: Includes outdoor unit and refrigerant charge.		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 23 81 49 00-0041 EA 30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps4,541.61 232.35
 Note: Includes outdoor unit and refrigerant charge.
23 81 49 00-0042 Suspended Ceiling Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)

Note: Excludes hangers.

 23 81 49 00-0043 EA 24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps4,443.29 398.31
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0044 EA 31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps5,392.78 475.49
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0045 EA 39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps6,517.52 497.90
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
23 81 49 00-0046 Recessed Ceiling Mounted Ductless Split System Heat Pumps (23 81 49 00-0024)

Note: Excludes hangers.

 23 81 49 00-0047 EA 11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps.....2,939.03 331.93
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0048 EA 17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps.....3,333.46 365.12
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0049 EA 24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps.....4,416.10 431.50
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0050 EA 32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps.....5,098.97 475.49
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
 23 81 49 00-0051 EA 39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps.....6,370.62 497.90
 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.
23 82 Convection Heating And Cooling Units (23 80)**23 82 16 Air Coils (23 82)****23 82 16 00-0001 Chilled Water Cooling Coils (23 82 16)**

Note: Flanged construction, 16 gauge galvanized steel casing.

23 82 16 00-0002 2 Row Chilled Water Cooling Coils (23 82 16 00-0001)
 23 82 16 00-0003 EA 12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....827.44 42.28
 23 82 16 00-0004 EA 12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....1,360.56 57.49
 23 82 16 00-0005 EA 24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....1,844.84 90.47
 23 82 16 00-0006 EA 24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,251.20 129.37
 23 82 16 00-0007 EA 30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,412.74 158.96
 23 82 16 00-0008 EA 30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,715.18 192.78
 23 82 16 00-0009 EA 30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,927.60 223.21
 23 82 16 00-0010 EA 30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,187.62 394.35
 23 82 16 00-0011 EA 34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....1,904.76 149.91
 23 82 16 00-0012 EA 34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,492.22 255.26
 23 82 16 00-0013 EA 34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,795.48 317.07
 23 82 16 00-0014 EA 34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,110.52 382.94
 23 82 16 00-0015 EA 34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,417.54 445.93
23 82 16 00-0016 4 Row Chilled Water Cooling Coils (23 82 16 00-0001)
 23 82 16 00-0017 EA 12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....1,033.66 87.93
 23 82 16 00-0018 EA 12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....1,652.98 126.83
 23 82 16 00-0019 EA 24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,280.69 211.38
 23 82 16 00-0020 EA 24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,827.24 313.68
 23 82 16 00-0021 EA 30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,284.01 384.71
 23 82 16 00-0022 EA 30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,912.16 470.11
 23 82 16 00-0023 EA 30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....4,385.88 563.96
 23 82 16 00-0024 EA 30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....4,360.82 656.47
 23 82 16 00-0025 EA 34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....2,653.12 283.34
 23 82 16 00-0026 EA 34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,428.49 426.15
 23 82 16 00-0027 EA 34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....3,825.79 528.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0028	EA		34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,321.44	636.68
23 82 16 00-0029	EA		34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,771.91	744.31
23 82 16 00-0030			6 Row Chilled Water Cooling Coils (23 82 16 00-0001)		
23 82 16 00-0031	EA		12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,451.60	111.61
23 82 16 00-0032	EA		12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,732.17	165.72
23 82 16 00-0033	EA		24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,393.03	282.41
23 82 16 00-0034	EA		24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,275.13	422.76
23 82 16 00-0035	EA		30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,286.84	528.45
23 82 16 00-0036	EA		30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,902.32	650.21
23 82 16 00-0037	EA		30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,710.51	768.58
23 82 16 00-0038	EA		30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,542.64	895.66
23 82 16 00-0039	EA		34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,342.17	387.17
23 82 16 00-0040	EA		34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,332.06	580.71
23 82 16 00-0041	EA		34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,924.91	727.15
23 82 16 00-0042	EA		34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,498.39	873.51
23 82 16 00-0043	EA		34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,073.50	1,016.23
23 82 16 00-0044			8 Row Chilled Water Cooling Coils (23 82 16 00-0001)		
23 82 16 00-0045	EA		12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,811.93	134.43
23 82 16 00-0046	EA		12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,241.80	206.31
23 82 16 00-0047	EA		24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,379.22	367.81
23 82 16 00-0048	EA		24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,528.80	563.96
23 82 16 00-0049	EA		30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,453.78	705.16
23 82 16 00-0050	EA		30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,350.15	845.53
23 82 16 00-0051	EA		30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,281.23	939.37
23 82 16 00-0052	EA		30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,399.37	1,089.62
23 82 16 00-0053	EA		34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,832.55	471.80
23 82 16 00-0054	EA		34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,985.61	709.31
23 82 16 00-0055	EA		34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,674.21	883.57
23 82 16 00-0056	EA		34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,334.18	1,056.90
23 82 16 00-0057	EA		34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,032.98	1,243.43
23 82 16 00-0058			Direct Expansion Cooling Coils (23 82 16)		
			Note: Flanged construction 16 gauge galvanized steel casing.		
23 82 16 00-0059			2 Row Direct Expansion Cooling Coils (23 82 16 00-0058)		
23 82 16 00-0060	EA		12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	704.53	63.42
			For 10 Fins Per Inch, Add	11.55	
			For 12 Fins Per Inch, Add	28.87	
23 82 16 00-0061	EA		12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,329.11	87.09
			For 10 Fins Per Inch, Add	23.10	
			For 12 Fins Per Inch, Add	57.74	
23 82 16 00-0062	EA		24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,844.84	136.97
			For 10 Fins Per Inch, Add	31.44	
			For 12 Fins Per Inch, Add	78.60	
23 82 16 00-0063	EA		24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,251.20	197.00
			For 10 Fins Per Inch, Add	37.16	
			For 12 Fins Per Inch, Add	92.90	
23 82 16 00-0064	EA		30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,626.92	240.97
			For 10 Fins Per Inch, Add	42.88	
			For 12 Fins Per Inch, Add	107.19	
23 82 16 00-0065	EA		30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,955.54	291.70
			For 10 Fins Per Inch, Add	47.45	
			For 12 Fins Per Inch, Add	118.62	
23 82 16 00-0066	EA		30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,391.85	338.21
			For 10 Fins Per Inch, Add	54.31	
			For 12 Fins Per Inch, Add	135.77	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0067	EA		30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,230.68	394.35
			<i>For 10 Fins Per Inch, Add</i>	68.84	
			<i>For 12 Fins Per Inch, Add</i>	172.10	
23 82 16 00-0068	EA		34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,623.11	149.91
			<i>For 10 Fins Per Inch, Add</i>	26.47	
			<i>For 12 Fins Per Inch, Add</i>	66.16	
23 82 16 00-0069	EA		34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,144.45	255.26
			<i>For 10 Fins Per Inch, Add</i>	32.68	
			<i>For 12 Fins Per Inch, Add</i>	81.69	
23 82 16 00-0070	EA		34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,699.06	382.94
			<i>For 10 Fins Per Inch, Add</i>	38.66	
			<i>For 12 Fins Per Inch, Add</i>	96.66	
23 82 16 00-0071	EA		34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,974.26	445.93
			<i>For 10 Fins Per Inch, Add</i>	41.65	
			<i>For 12 Fins Per Inch, Add</i>	104.12	
23 82 16 00-0072			4 Row Direct Expansion Cooling Coils <small>(23 82 16 00-0058)</small>		
23 82 16 00-0073	EA		12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,156.56	87.93
			<i>For 10 Fins Per Inch, Add</i>	19.61	
			<i>For 12 Fins Per Inch, Add</i>	49.02	
23 82 16 00-0074	EA		12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,652.98	126.83
			<i>For 10 Fins Per Inch, Add</i>	28.01	
			<i>For 12 Fins Per Inch, Add</i>	70.03	
23 82 16 00-0075	EA		24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,280.69	211.38
			<i>For 10 Fins Per Inch, Add</i>	37.16	
			<i>For 12 Fins Per Inch, Add</i>	92.90	
23 82 16 00-0076	EA		24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,827.24	313.68
			<i>For 10 Fins Per Inch, Add</i>	44.02	
			<i>For 12 Fins Per Inch, Add</i>	110.05	
23 82 16 00-0077	EA		30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,284.01	384.71
			<i>For 10 Fins Per Inch, Add</i>	50.31	
			<i>For 12 Fins Per Inch, Add</i>	125.77	
23 82 16 00-0078	EA		30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,912.16	470.11
			<i>For 10 Fins Per Inch, Add</i>	59.45	
			<i>For 12 Fins Per Inch, Add</i>	148.63	
23 82 16 00-0079	EA		30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,385.88	563.96
			<i>For 10 Fins Per Inch, Add</i>	65.17	
			<i>For 12 Fins Per Inch, Add</i>	162.93	
23 82 16 00-0080	EA		30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,360.82	656.47
			<i>For 10 Fins Per Inch, Add</i>	60.96	
			<i>For 12 Fins Per Inch, Add</i>	152.39	
23 82 16 00-0081	EA		34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,653.12	283.34
			<i>For 10 Fins Per Inch, Add</i>	41.73	
			<i>For 12 Fins Per Inch, Add</i>	104.32	
23 82 16 00-0082	EA		34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,428.49	426.15
			<i>For 10 Fins Per Inch, Add</i>	51.52	
			<i>For 12 Fins Per Inch, Add</i>	128.81	
23 82 16 00-0083	EA		34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,253.12	749.56
			<i>For 10 Fins Per Inch, Add</i>	75.08	
			<i>For 12 Fins Per Inch, Add</i>	187.70	
23 82 16 00-0084	EA		34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,025.52	873.51
			<i>For 10 Fins Per Inch, Add</i>	85.57	
			<i>For 12 Fins Per Inch, Add</i>	213.93	
23 82 16 00-0085			6 Row Direct Expansion Cooling Coils <small>(23 82 16 00-0058)</small>		
23 82 16 00-0086	EA		12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,480.18	110.76
			<i>For 10 Fins Per Inch, Add</i>	25.15	
			<i>For 12 Fins Per Inch, Add</i>	62.88	
23 82 16 00-0087	EA		12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,732.17	165.72
			<i>For 10 Fins Per Inch, Add</i>	28.01	
			<i>For 12 Fins Per Inch, Add</i>	70.03	
23 82 16 00-0088	EA		24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,535.94	282.41
			<i>For 10 Fins Per Inch, Add</i>	39.45	
			<i>For 12 Fins Per Inch, Add</i>	98.61	
23 82 16 00-0089	EA		24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,275.13	422.76
			<i>For 10 Fins Per Inch, Add</i>	48.59	
			<i>For 12 Fins Per Inch, Add</i>	121.48	
23 82 16 00-0090	EA		30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,286.84	528.45
			<i>For 10 Fins Per Inch, Add</i>	64.60	
			<i>For 12 Fins Per Inch, Add</i>	161.50	
23 82 16 00-0091	EA		30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,902.32	650.21
			<i>For 10 Fins Per Inch, Add</i>	72.03	
			<i>For 12 Fins Per Inch, Add</i>	180.08	
23 82 16 00-0092	EA		30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,710.51	768.58
			<i>For 10 Fins Per Inch, Add</i>	83.46	
			<i>For 12 Fins Per Inch, Add</i>	208.66	
23 82 16 00-0093	EA		30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,542.64	895.66
			<i>For 10 Fins Per Inch, Add</i>	75.03	
			<i>For 12 Fins Per Inch, Add</i>	187.56	
23 82 16 00-0094	EA		34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,342.17	387.17
			<i>For 10 Fins Per Inch, Add</i>	51.36	
			<i>For 12 Fins Per Inch, Add</i>	128.39	
23 82 16 00-0095	EA		34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,332.06	580.71
			<i>For 10 Fins Per Inch, Add</i>	63.41	
			<i>For 12 Fins Per Inch, Add</i>	158.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0096	EA		34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,484.07	866.32
			For 10 Fins Per Inch, Add	75.03	
			For 12 Fins Per Inch, Add	187.57	
23 82 16 00-0097	EA		34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,073.50	1,016.23
			For 10 Fins Per Inch, Add	80.82	
			For 12 Fins Per Inch, Add	202.05	
23 82 16 00-0098			8 Row Direct Expansion Cooling Coils <small>(23 82 16 00-0098)</small>		
23 82 16 00-0099	EA		12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,840.51	133.60
			For 10 Fins Per Inch, Add	31.44	
			For 12 Fins Per Inch, Add	78.60	
23 82 16 00-0100	EA		12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	2,241.80	206.31
			For 10 Fins Per Inch, Add	36.59	
			For 12 Fins Per Inch, Add	91.47	
23 82 16 00-0101	EA		24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,379.22	367.81
			For 10 Fins Per Inch, Add	52.88	
			For 12 Fins Per Inch, Add	132.20	
23 82 16 00-0102	EA		24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,528.80	563.96
			For 10 Fins Per Inch, Add	68.03	
			For 12 Fins Per Inch, Add	170.07	
23 82 16 00-0103	EA		30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,453.78	705.16
			For 10 Fins Per Inch, Add	80.89	
			For 12 Fins Per Inch, Add	202.23	
23 82 16 00-0104	EA		30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,350.15	845.53
			For 10 Fins Per Inch, Add	93.18	
			For 12 Fins Per Inch, Add	232.96	
23 82 16 00-0105	EA		30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,281.23	939.37
			For 10 Fins Per Inch, Add	108.05	
			For 12 Fins Per Inch, Add	270.11	
23 82 16 00-0106	EA		30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,399.37	1,089.62
			For 10 Fins Per Inch, Add	84.40	
			For 12 Fins Per Inch, Add	211.01	
23 82 16 00-0107	EA		34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,832.55	471.80
			For 10 Fins Per Inch, Add	57.78	
			For 12 Fins Per Inch, Add	144.44	
23 82 16 00-0108	EA		34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,985.61	709.31
			For 10 Fins Per Inch, Add	71.34	
			For 12 Fins Per Inch, Add	178.35	
23 82 16 00-0109	EA		34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,355.52	1,067.56
			For 10 Fins Per Inch, Add	84.41	
			For 12 Fins Per Inch, Add	211.02	
23 82 16 00-0110	EA		34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,032.98	1,243.43
			For 10 Fins Per Inch, Add	90.92	
			For 12 Fins Per Inch, Add	227.31	
23 82 16 00-0111			Hot Water Heating Coils <small>(23 82 16)</small>		
			Note: Flanged construction.		
23 82 16 00-0112			1 Row Hot Water Heating Coils <small>(23 82 16 00-0111)</small>		
23 82 16 00-0113	EA		12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction.....	857.36	114.14
			For 10 Fins Per Inch, Add	12.58	
			For 12 Fins Per Inch, Add	31.44	
			For 230 PSIG Heavy Duty, Add	194.32	
23 82 16 00-0114	EA		12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,263.40	146.27
			For 10 Fins Per Inch, Add	19.44	
			For 12 Fins Per Inch, Add	48.59	
			For 230 PSIG Heavy Duty, Add	281.84	
23 82 16 00-0115	EA		24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,545.97	201.23
			For 10 Fins Per Inch, Add	22.87	
			For 12 Fins Per Inch, Add	57.17	
			For 230 PSIG Heavy Duty, Add	349.46	
23 82 16 00-0116	EA		24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,849.94	282.41
			For 10 Fins Per Inch, Add	25.73	
			For 12 Fins Per Inch, Add	64.31	
			For 230 PSIG Heavy Duty, Add	426.36	
23 82 16 00-0117	EA		30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,105.60	338.21
			For 10 Fins Per Inch, Add	28.58	
			For 12 Fins Per Inch, Add	71.46	
			For 230 PSIG Heavy Duty, Add	488.76	
23 82 16 00-0118	EA		30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,474.79	422.76
			For 10 Fins Per Inch, Add	32.59	
			For 12 Fins Per Inch, Add	81.46	
			For 230 PSIG Heavy Duty, Add	579.51	
23 82 16 00-0119	EA		30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,768.82	469.26
			For 10 Fins Per Inch, Add	36.59	
			For 12 Fins Per Inch, Add	91.47	
			For 230 PSIG Heavy Duty, Add	647.71	
23 82 16 00-0120	EA		30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,414.02	545.62
			For 10 Fins Per Inch, Add	46.38	
			For 12 Fins Per Inch, Add	115.94	
			For 230 PSIG Heavy Duty, Add	792.33	
23 82 16 00-0121	EA		34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	1,474.02	236.40
			For 10 Fins Per Inch, Add	20.02	
			For 12 Fins Per Inch, Add	50.06	
			For 230 PSIG Heavy Duty, Add	342.09	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0122	EA		34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,211.02	354.70
			For 10 Fins Per Inch, Add	30.03	
			For 12 Fins Per Inch, Add	75.08	
			For 230 PSIG Heavy Duty, Add	513.14	
23 82 16 00-0123	EA		34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,325.55	536.48
			For 10 Fins Per Inch, Add	45.05	
			For 12 Fins Per Inch, Add	112.63	
			For 230 PSIG Heavy Duty, Add	772.41	
23 82 16 00-0124	EA		34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,871.37	621.71
			For 10 Fins Per Inch, Add	52.56	
			For 12 Fins Per Inch, Add	131.40	
			For 230 PSIG Heavy Duty, Add	898.62	
23 82 16 00-0125	SF		>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	177.66	31.28
			For 10 Fins Per Inch, Add	2.30	
			For 12 Fins Per Inch, Add	5.75	
			For 230 PSIG Heavy Duty, Add	41.79	
23 82 16 00-0126			2 Row Hot Water Heating Coils (23 82 16 00-0111)		
23 82 16 00-0127	EA		12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,368.02	141.20
			For 10 Fins Per Inch, Add	21.72	
			For 12 Fins Per Inch, Add	54.31	
			For 230 PSIG Heavy Duty, Add	301.79	
23 82 16 00-0128	EA		12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,490.55	187.71
			For 10 Fins Per Inch, Add	22.30	
			For 12 Fins Per Inch, Add	55.74	
			For 230 PSIG Heavy Duty, Add	335.69	
23 82 16 00-0129	EA		24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,021.44	282.41
			For 10 Fins Per Inch, Add	29.16	
			For 12 Fins Per Inch, Add	72.89	
			For 230 PSIG Heavy Duty, Add	460.66	
23 82 16 00-0130	EA		24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,463.10	402.46
			For 10 Fins Per Inch, Add	33.16	
			For 12 Fins Per Inch, Add	82.89	
			For 230 PSIG Heavy Duty, Add	573.15	
23 82 16 00-0131	EA		30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,852.66	497.16
			For 10 Fins Per Inch, Add	37.16	
			For 12 Fins Per Inch, Add	92.90	
			For 230 PSIG Heavy Duty, Add	670.01	
23 82 16 00-0132	EA		30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,065.82	603.71
			For 10 Fins Per Inch, Add	37.16	
			For 12 Fins Per Inch, Add	92.90	
			For 230 PSIG Heavy Duty, Add	733.95	
23 82 16 00-0133	EA		30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,467.22	705.16
			For 10 Fins Per Inch, Add	41.16	
			For 12 Fins Per Inch, Add	102.90	
			For 230 PSIG Heavy Duty, Add	834.37	
23 82 16 00-0134	EA		30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,247.24	819.31
			For 10 Fins Per Inch, Add	52.17	
			For 12 Fins Per Inch, Add	130.43	
			For 230 PSIG Heavy Duty, Add	1,013.31	
23 82 16 00-0135	EA		34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	1,833.22	353.52
			For 10 Fins Per Inch, Add	22.53	
			For 12 Fins Per Inch, Add	56.31	
			For 230 PSIG Heavy Duty, Add	437.34	
23 82 16 00-0136	EA		34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,751.61	531.08
			For 10 Fins Per Inch, Add	33.79	
			For 12 Fins Per Inch, Add	84.47	
			For 230 PSIG Heavy Duty, Add	656.54	
23 82 16 00-0137	EA		34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,135.45	800.71
			For 10 Fins Per Inch, Add	50.68	
			For 12 Fins Per Inch, Add	126.70	
			For 230 PSIG Heavy Duty, Add	987.23	
23 82 16 00-0138	EA		34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,827.09	935.31
			For 10 Fins Per Inch, Add	59.13	
			For 12 Fins Per Inch, Add	147.82	
			For 230 PSIG Heavy Duty, Add	1,152.48	
23 82 16 00-0139			Steam Heating Coils (23 82 16)		
			Note: Flanged construction.		
23 82 16 00-0140	EA		12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	958.39	79.48
			For 2 Row Coil, Add	319.13	
			For 4 Row Coil, Add	834.67	
23 82 16 00-0141	EA		12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	1,077.13	109.91
			For 2 Row Coil, Add	367.06	
			For 4 Row Coil, Add	956.14	
23 82 16 00-0142	EA		24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	1,450.86	197.00
			For 2 Row Coil, Add	513.91	
			For 4 Row Coil, Add	1,329.79	
23 82 16 00-0143	EA		24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	1,849.94	282.41
			For 2 Row Coil, Add	667.72	
			For 4 Row Coil, Add	1,722.33	
23 82 16 00-0144	EA		30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	2,077.01	338.21
			For 2 Row Coil, Add	758.39	
			For 4 Row Coil, Add	1,952.47	
23 82 16 00-0145	EA		30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	2,360.46	422.76
			For 2 Row Coil, Add	877.24	
			For 4 Row Coil, Add	2,251.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 00-0146	EA		30" x 72" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	2,597.31 967.09 2,481.82	469.26
23 82 16 00-0147	EA		30" x 84" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	3,196.62 1,178.03 3,028.25	547.64
23 82 16 00-0148	EA		34" x 32" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	1,380.16 508.63 1,307.47	236.40
23 82 16 00-0149	EA		34" x 48" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	2,070.24 762.94 1,961.20	354.70
23 82 16 00-0150	EA		34" x 72" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	3,103.56 1,143.51 2,939.60	531.08
23 82 16 00-0151	EA		34" x 84" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	3,625.00 1,336.18 3,434.67	621.71
23 82 16 00-0152			Hot Water Preheat Coils For Multi-Zone Air Handling Units <small>(23 82 16)</small>		
Note: 2 Row coils. Coils are sized by air handling unit capacity.					
23 82 16 00-0153	EA		3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	1,108.72 178.93	107.38
23 82 16 00-0154	EA		4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	1,405.99 238.39	106.53
23 82 16 00-0155	EA		5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	1,717.72 297.84	114.14
23 82 16 00-0156	EA		6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	1,992.28 348.72	124.29
23 82 16 00-0157	EA		7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	2,003.75 348.72	130.21
23 82 16 00-0158	EA		9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	2,416.51 428.75	136.97
23 82 16 00-0159	EA		11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	2,508.39 440.19	153.89
23 82 16 00-0160	EA		13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	2,774.71 485.92	172.48
23 82 16 00-0161	EA		16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units <16,500 CFM, Add</i>	3,127.88 543.09	206.31
23 82 16 00-0162	EA		19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	3,406.29 535.08	216.46
23 82 16 00-0163	EA		22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	4,344.40 699.72	229.13
23 82 16 00-0164	EA		27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	5,542.68 884.95	313.68
23 82 16 00-0165	EA		34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	6,959.85 1,114.41	384.71
23 82 16 00-0166	EA		40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	8,088.53 1,311.26	402.46
23 82 16 00-0167	EA		47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit..... <i>For Units >19,500 CFM, Add</i>	9,500.23 1,540.94	469.26
23 82 16 00-0168			Standard Electric Slip-In Blast Coil Heater <small>(23 82 16)</small>		
23 82 16 00-0169			Electric Slip-In Blast Coil Heater With Open Coil Element <small>(23 82 16 00-0168)</small>		
23 82 16 00-0170	EA		1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	313.38	63.90
23 82 16 00-0171	EA		1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	324.02	68.87
23 82 16 00-0172	EA		2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	336.59	75.52
23 82 16 00-0173	EA		3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	340.82	78.00
23 82 16 00-0174	EA		4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	351.67	82.99
23 82 16 00-0175	EA		5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	364.17	89.62
23 82 16 00-0176	EA		6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	417.88	100.41
23 82 16 00-0177	EA		7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	428.00	105.39
23 82 16 00-0178	EA		8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	436.29	108.71
23 82 16 00-0179	EA		9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	448.43	115.34
23 82 16 00-0180	EA		10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	488.52	121.99
23 82 16 00-0181	EA		12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	512.14	133.61
23 82 16 00-0182	EA		15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	535.61	145.22
23 82 16 00-0183	EA		20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	559.48	156.83
23 82 16 00-0184	EA		30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	741.24	219.07
23 82 16 00-0185	EA		40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,260.80	233.18
23 82 16 00-0186	EA		50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,390.16	267.20
23 82 16 00-0187	EA		60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,634.80	296.25
23 82 16 00-0188	EA		70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,719.85	321.97
23 82 16 00-0189	EA		80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,884.58	353.50
23 82 16 00-0190	EA		90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,292.91	377.57
23 82 16 00-0191	EA		100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,515.32	405.78
23 82 16 00-0192	EA		125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,032.55	438.15
23 82 16 00-0193	EA		150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,408.63	476.31
23 82 16 00-0194			Electric Slip-In Blast Coil Heater With Finned Tubular Element <small>(23 82 16 00-0168)</small>		
23 82 16 00-0195	EA		1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	797.75	91.28
23 82 16 00-0196	EA		2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	833.06	99.58
23 82 16 00-0197	EA		3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	852.01	99.58

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 16 00-0198	EA	4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	889.83	109.53
23 82 16 00-0199	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,206.29	109.53
23 82 16 00-0200	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,236.61	109.53
23 82 16 00-0201	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,255.06	121.99
23 82 16 00-0202	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,278.10	136.92
23 82 16 00-0203	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,295.15	136.92
23 82 16 00-0204	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,504.81	156.83
23 82 16 00-0205	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,800.42	156.83
23 82 16 00-0206	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,959.32	182.56
23 82 16 00-0207	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,658.55	182.56

23 82 19 Fan Coil Units (23 82)**23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units (23 82 19)**

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil (23 82 19 00-0001)

23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,175.92	136.97
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,298.80	159.81
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,439.67	180.10
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,669.03	206.31
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,866.89	216.46
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-97.52	
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,518.61	229.13
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-99.28	
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,049.80	248.59
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-102.30	

23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil (23 82 19 00-0001)

23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	670.34	136.97
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.64	
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	813.84	159.81
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-50.95	
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	962.57	180.10
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.99	
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	1,786.83	206.31
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.62	
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,004.32	217.30
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-97.52	
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,714.96	229.13
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-99.28	
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,422.84	248.59
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-102.30	

23 82 19 00-0018 Floor Mounted Vertical Fan Coil Units (23 82 19)

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

23 82 19 00-0019 Vertical Fan Coil Units With Electric Heating Coil (23 82 19 00-0018)

23 82 19 00-0020	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,136.65	136.12
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-143.22	
		<i>For Thru-Wall Sleeve, Add</i>	109.55	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.64	
23 82 19 00-0021	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,300.76	159.81
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-163.21	
		<i>For Thru-Wall Sleeve, Add</i>	118.81	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-50.95	
23 82 19 00-0022	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,537.84	180.10
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-194.70	
		<i>For Thru-Wall Sleeve, Add</i>	126.96	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.99	
23 82 19 00-0023	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,767.20	206.31
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-223.84	
		<i>For Thru-Wall Sleeve, Add</i>	137.49	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.62	
23 82 19 00-0024	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	1,984.69	217.30
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-254.34	
		<i>For Thru-Wall Sleeve, Add</i>	141.72	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-97.52	
23 82 19 00-0025	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,518.61	229.13
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-332.09	
		<i>For Thru-Wall Sleeve, Add</i>	146.41	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-99.28	
23 82 19 00-0026	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,951.63	248.59
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-393.01	
		<i>For Thru-Wall Sleeve, Add</i>	154.47	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-102.30	

23 82 19 00-0027 Vertical Fan Coil Units With Hot Water Heating Coil (23 82 19 00-0018)

23 82 19 00-0028	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,254.45	136.12
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-160.89	
		<i>For Thru-Wall Sleeve, Add</i>	109.55	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-48.64	

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

23 82 19 00-0029	EA 300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,418.57		159.81
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-180.88		
	<i>For Thru-Wall Sleeve, Add</i>	118.81		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-50.95		
23 82 19 00-0030	EA 400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,734.18		180.10
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-224.15		
	<i>For Thru-Wall Sleeve, Add</i>	126.96		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.99		
23 82 19 00-0031	EA 600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,983.17		206.31
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-256.23		
	<i>For Thru-Wall Sleeve, Add</i>	137.49		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.62		
23 82 19 00-0032	EA 800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,200.66		217.30
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-286.74		
	<i>For Thru-Wall Sleeve, Add</i>	141.72		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-97.52		
23 82 19 00-0033	EA 1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,616.78		229.13
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-346.81		
	<i>For Thru-Wall Sleeve, Add</i>	146.41		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-99.28		
23 82 19 00-0034	EA 1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,049.80		248.59
	<i>For Fan Coil Units Without Cabinet, Deduct</i>	-407.73		
	<i>For Thru-Wall Sleeve, Add</i>	154.47		
	<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-102.30		

23 82 19 00-0035 Removal And Reinstallation Of Fan Coil Units (23 82 19)

Note: Includes storage and cleaning. Excludes supports.

23 82 19 00-0036	EA Remove And Reinstall Fan Coil Unit Horizontal Or Vertical.....	359.49		
------------------	---	--------	--	--

23 82 29 Radiators (23 82)

23 82 29 00-0001 Demolish Cast Iron Radiators (23 82 29)

23 82 29 00-0002	LF Demolish Cast Iron Radiator.....	25.35		
23 82 29 00-0003	EA Cap Radiator.....	34.72		

23 82 29 00-0004 Cast Iron Radiator (23 82 29)

23 82 29 00-0005	EA 19" High Cast Iron Radiator Section, Free Standing.....	35.60		
	<i>For Wall Support Bracket, Add</i>	25.32		
23 82 29 00-0006	EA 25" High Cast Iron Radiator Section, Free Standing.....	49.94		
	<i>For Wall Support Bracket, Add</i>	26.41		
23 82 29 00-0007	EA 30" High Cast Iron Radiator Section, Free Standing.....	57.93		
23 82 29 00-0008	EA 36" High Cast Iron Radiator Section, Free Standing.....	72.63		
23 82 29 00-0009	EA 20" High Cast Iron Radiator Section, Recessed With Grille.....	49.68		

23 82 29 00-0010 Radiator Covers (23 82 29)

Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.

23 82 29 00-0011	SF 14 Gauge Stainless Steel Radiator Cover	69.01		4.51
23 82 29 00-0012	SF Galvanized Steel Radiator Cover.....	44.01		4.51

Note: Primed and painted.

23 82 29 00-0013 Radiator Shields (23 82 29)

23 82 29 00-0014	SF Stainless Steel Radiator Shield.....	46.95		4.51
23 82 29 00-0015	SF Galvanized Steel Radiator Shield	22.40		4.51

Note: Primed and painted.

23 82 29 00-0016 Remove And Reinstall Radiator (23 82 29)

Note: Includes storage and cleaning.

23 82 29 00-0017	LF Remove And Reinstall Cast Iron Radiator	63.42		
23 82 29 00-0018	LF Remove And Reinstall Electric Radiator	42.28		

23 82 33 Convectors (23 82)

23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System (23 82 33)

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System (23 82 33 00-0001)

23 82 33 00-0003	EA 20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	363.13		93.01
	<i>For Knob Operated Damper, Add</i>	15.00		
	<i>For Metal Trim Strips, Add</i>	48.28		
	<i>For Snap-On Inlet Grille, Add</i>	38.18		
	<i>For Access Doors Hinged, Add</i>	15.00		
	<i>For Air Chamber, Auto-vent, Add</i>	18.00		
	<i>For 3 Tubes System, Add</i>	77.77		
23 82 33 00-0004	EA 20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	425.33		101.47
	<i>For Knob Operated Damper, Add</i>	15.00		
	<i>For Metal Trim Strips, Add</i>	52.12		
	<i>For Snap-On Inlet Grille, Add</i>	40.75		
	<i>For Access Doors Hinged, Add</i>	15.00		
	<i>For Air Chamber, Auto-vent, Add</i>	18.00		
	<i>For 3 Tubes System, Add</i>	95.06		

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	490.38	120.06
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	60.53	
		<i>For Snap-On Inlet Grille, Add</i>	46.35	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	108.02	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	585.89	139.51
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	69.41	
		<i>For Snap-On Inlet Grille, Add</i>	52.27	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	131.09	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	698.99	167.41
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	82.08	
		<i>For Snap-On Inlet Grille, Add</i>	60.72	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	155.89	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	785.06	184.15
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	89.68	
		<i>For Snap-On Inlet Grille, Add</i>	65.79	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	177.14	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	915.08	223.21
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	107.43	
		<i>For Snap-On Inlet Grille, Add</i>	77.62	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	201.94	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	996.97	237.17
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	113.78	
		<i>For Snap-On Inlet Grille, Add</i>	81.85	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	223.20	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,089.82	265.07
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	126.45	
		<i>For Snap-On Inlet Grille, Add</i>	90.30	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	240.92	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,202.98	292.97
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	139.14	
		<i>For Snap-On Inlet Grille, Add</i>	98.76	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	265.71	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,295.85	320.87
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	151.82	
		<i>For Snap-On Inlet Grille, Add</i>	107.21	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	283.43	
23 82 33 00-0014		26" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0015	EA	26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	430.39	122.35
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	61.05	
		<i>For Snap-On Inlet Grille, Add</i>	46.70	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	86.42	
23 82 33 00-0016	EA	26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	504.87	142.14
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	69.92	
		<i>For Snap-On Inlet Grille, Add</i>	52.62	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	102.13	
23 82 33 00-0017	EA	26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	609.29	166.91
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	81.05	
		<i>For Snap-On Inlet Grille, Add</i>	60.03	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	125.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0018	EA		26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	711.29	186.10
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	89.66	
			For Snap-On Inlet Grille, Add	65.77	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	151.35	
23 82 33 00-0019	EA		26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	827.85	209.27
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	100.09	
			For Snap-On Inlet Grille, Add	72.72	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	179.98	
23 82 33 00-0020	EA		26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	924.19	226.69
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	107.95	
			For Snap-On Inlet Grille, Add	77.97	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	204.52	
23 82 33 00-0021	EA		26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,054.01	258.30
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	122.36	
			For Snap-On Inlet Grille, Add	87.57	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	233.16	
23 82 33 00-0022	EA		26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,147.52	274.12
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	129.37	
			For Snap-On Inlet Grille, Add	92.25	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	257.70	
23 82 33 00-0023	EA		26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,242.55	298.89
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	140.35	
			For Snap-On Inlet Grille, Add	99.57	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	278.15	
23 82 33 00-0024	EA		26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,361.34	323.16
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	151.45	
			For Snap-On Inlet Grille, Add	106.96	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	306.78	
23 82 33 00-0025	EA		26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,453.05	345.39
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	161.43	
			For Snap-On Inlet Grille, Add	113.62	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	327.24	
23 82 33 00-0026			32" High Multi-Fin Convector For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0027	EA		32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	496.94	148.81
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	73.61	
			For Snap-On Inlet Grille, Add	55.07	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	95.06	
23 82 33 00-0028	EA		32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	593.72	180.10
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	87.83	
			For Snap-On Inlet Grille, Add	64.55	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	112.34	
23 82 33 00-0029	EA		32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	713.87	210.54
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	101.65	
			For Snap-On Inlet Grille, Add	73.77	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	138.26	
23 82 33 00-0030	EA		32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	822.29	228.80
			For Knob Operated Damper, Add	15.00	
			For Metal Trim Strips, Add	109.99	
			For Snap-On Inlet Grille, Add	79.33	
			For Access Doors Hinged, Add	15.00	
			For Air Chamber, Auto-vent, Add	18.00	
			For 3 Tubes System, Add	166.48	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 33 00-0031	EA	32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	939.90	247.23
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	118.28	
		<i>For Snap-On Inlet Grille, Add</i>	84.85	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	197.97	
23 82 33 00-0032	EA	32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,044.27	265.07
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	126.45	
		<i>For Snap-On Inlet Grille, Add</i>	90.30	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	224.97	
23 82 33 00-0033	EA	32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,168.25	287.39
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	136.64	
		<i>For Snap-On Inlet Grille, Add</i>	97.10	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	256.47	
23 82 33 00-0034	EA	32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,273.45	305.83
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	145.07	
		<i>For Snap-On Inlet Grille, Add</i>	102.71	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	283.47	
23 82 33 00-0035	EA	32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,368.17	326.45
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	154.20	
		<i>For Snap-On Inlet Grille, Add</i>	108.80	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	305.96	
23 82 33 00-0036	EA	32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,488.55	345.99
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	163.32	
		<i>For Snap-On Inlet Grille, Add</i>	114.88	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	337.46	
23 82 33 00-0037	EA	32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,577.76	362.73
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Metal Trim Strips, Add</i>	170.80	
		<i>For Snap-On Inlet Grille, Add</i>	119.86	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For 3 Tubes System, Add</i>	359.95	

23 82 33 00-0038 Electric Convectors, Floor Standing Units (23 82 33)**23 82 33 00-0039 4" Deep Electric Convectors (23 82 33 00-0038)**

23 82 33 00-0040	EA	38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	485.55	89.21
23 82 33 00-0041	EA	50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	538.52	89.21

23 82 33 00-0042 6" Deep Electric Convectors (23 82 33 00-0038)

23 82 33 00-0043	EA	38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	562.96	89.21
23 82 33 00-0044	EA	50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	644.45	89.21
23 82 33 00-0045	EA	62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	715.74	89.21
23 82 33 00-0046	EA	74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	827.79	89.21

23 82 36 Finned-Tube Radiation Heaters (23 82)**23 82 36 00-0001 Electric Baseboard Heating (23 82 36)**

Note: Includes 24 gauge steel enclosure and heating element

23 82 36 00-0002 Electric Wall Heating 10" Enclosure (23 82 36 00-0001)

23 82 36 00-0003	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	108.61	49.57
23 82 36 00-0004	LF	Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	111.05	49.57

23 82 36 00-0005 Electric Wall Heating 16" Enclosure (23 82 36 00-0001)

23 82 36 00-0006	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	133.05	49.57
23 82 36 00-0007	LF	Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	139.16	49.57

23 82 36 00-0008 Finned Tube Baseboard Units (23 82 36)

Note: Complete with steel enclosure. Single heating element.

23 82 36 00-0009 3/4" IPS Steel Tube With Steel Fins (23 82 36 00-0008)

23 82 36 00-0010	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	245.95	32.98
		<i>For 90 Degree Corner, Add</i>	41.91	
		<i>For Valve Enclosure, Add</i>	41.91	
		<i>For Filler Piece, Add</i>	34.91	
		<i>For End Cap, Add</i>	28.74	
		<i>For Copper Tube With Aluminum Fins, Add</i>	4.75	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0011	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	321.78	49.88
			For 90 Degree Corner, Add	48.43	
			For Valve Enclosure, Add	48.43	
			For Filler Piece, Add	41.43	
			For End Cap, Add	32.98	
			For Copper Tube With Aluminum Fins, Add	7.13	
23 82 36 00-0012	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	384.20	65.95
			For 90 Degree Corner, Add	52.28	
			For Valve Enclosure, Add	52.28	
			For Filler Piece, Add	45.28	
			For End Cap, Add	35.48	
			For Copper Tube With Aluminum Fins, Add	9.51	
23 82 36 00-0013	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	478.70	92.33
			For 90 Degree Corner, Add	62.76	
			For Valve Enclosure, Add	62.76	
			For Filler Piece, Add	55.76	
			For End Cap, Add	42.29	
			For Copper Tube With Aluminum Fins, Add	11.82	
23 82 36 00-0014	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	572.89	110.93
			For 90 Degree Corner, Add	73.41	
			For Valve Enclosure, Add	73.41	
			For Filler Piece, Add	66.41	
			For End Cap, Add	49.22	
			For Copper Tube With Aluminum Fins, Add	14.07	
23 82 36 00-0015	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	645.20	118.37
			For 90 Degree Corner, Add	77.64	
			For Valve Enclosure, Add	77.64	
			For Filler Piece, Add	70.64	
			For End Cap, Add	51.97	
			For Copper Tube With Aluminum Fins, Add	16.88	
23 82 36 00-0016	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	711.42	130.80
			For 90 Degree Corner, Add	84.75	
			For Valve Enclosure, Add	84.75	
			For Filler Piece, Add	77.75	
			For End Cap, Add	56.58	
			For Copper Tube With Aluminum Fins, Add	18.57	
23 82 36 00-0017	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	811.62	147.97
			For 90 Degree Corner, Add	94.55	
			For Valve Enclosure, Add	94.55	
			For Filler Piece, Add	87.55	
			For End Cap, Add	62.96	
			For Copper Tube With Aluminum Fins, Add	21.39	
23 82 36 00-0018	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	894.87	162.77
			For 90 Degree Corner, Add	103.02	
			For Valve Enclosure, Add	103.02	
			For Filler Piece, Add	96.02	
			For End Cap, Add	68.46	
			For Copper Tube With Aluminum Fins, Add	23.64	
23 82 36 00-0019			1" IPS Steel Tube With Steel Fins (23 82 36 00-0008)		
23 82 36 00-0020	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	282.99	32.98
			For 90 Degree Corner, Add	41.91	
			For Valve Enclosure, Add	41.91	
			For Filler Piece, Add	34.91	
			For End Cap, Add	28.74	
			For Copper Tube With Aluminum Fins, Add	6.79	
23 82 36 00-0021	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	377.33	49.88
			For 90 Degree Corner, Add	48.43	
			For Valve Enclosure, Add	48.43	
			For Filler Piece, Add	41.43	
			For End Cap, Add	32.98	
			For Copper Tube With Aluminum Fins, Add	10.18	
23 82 36 00-0022	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	458.28	65.95
			For 90 Degree Corner, Add	52.28	
			For Valve Enclosure, Add	52.28	
			For Filler Piece, Add	45.28	
			For End Cap, Add	35.48	
			For Copper Tube With Aluminum Fins, Add	13.58	
23 82 36 00-0023	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	570.89	92.33
			For 90 Degree Corner, Add	62.78	
			For Valve Enclosure, Add	62.78	
			For Filler Piece, Add	55.78	
			For End Cap, Add	42.31	
			For Copper Tube With Aluminum Fins, Add	16.89	
23 82 36 00-0024	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	682.39	110.93
			For 90 Degree Corner, Add	73.38	
			For Valve Enclosure, Add	73.38	
			For Filler Piece, Add	66.38	
			For End Cap, Add	49.20	
			For Copper Tube With Aluminum Fins, Add	20.10	
23 82 36 00-0025	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	776.78	118.37
			For 90 Degree Corner, Add	77.64	
			For Valve Enclosure, Add	77.64	
			For Filler Piece, Add	70.64	
			For End Cap, Add	51.97	
			For Copper Tube With Aluminum Fins, Add	24.12	

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating And Cooling Units**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 82 36 00-0026	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	855.89	130.80
		<i>For 90 Degree Corner, Add</i>	84.69	
		<i>For Valve Enclosure, Add</i>	84.69	
		<i>For Filler Piece, Add</i>	77.69	
		<i>For End Cap, Add</i>	56.55	
		<i>For Copper Tube With Aluminum Fins, Add</i>	26.53	
23 82 36 00-0027	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	978.28	147.97
		<i>For 90 Degree Corner, Add</i>	94.55	
		<i>For Valve Enclosure, Add</i>	94.55	
		<i>For Filler Piece, Add</i>	87.55	
		<i>For End Cap, Add</i>	62.96	
		<i>For Copper Tube With Aluminum Fins, Add</i>	30.55	
23 82 36 00-0028	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	1,078.57	162.77
		<i>For 90 Degree Corner, Add</i>	102.91	
		<i>For Valve Enclosure, Add</i>	102.91	
		<i>For Filler Piece, Add</i>	95.91	
		<i>For End Cap, Add</i>	68.39	
		<i>For Copper Tube With Aluminum Fins, Add</i>	33.77	
23 82 36 00-0029		1-1/4" IPS Steel Tube With Steel Fins <small>(23 82 36 00-0008)</small>		
23 82 36 00-0030	EA	4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	320.02	32.98
		<i>For 90 Degree Corner, Add</i>	41.91	
		<i>For Valve Enclosure, Add</i>	41.91	
		<i>For Filler Piece, Add</i>	34.91	
		<i>For End Cap, Add</i>	28.74	
		<i>For Copper Tube With Aluminum Fins, Add</i>	8.83	
23 82 36 00-0031	EA	6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	432.89	49.88
		<i>For 90 Degree Corner, Add</i>	48.43	
		<i>For Valve Enclosure, Add</i>	48.43	
		<i>For Filler Piece, Add</i>	41.43	
		<i>For End Cap, Add</i>	32.98	
		<i>For Copper Tube With Aluminum Fins, Add</i>	13.24	
23 82 36 00-0032	EA	8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	532.35	65.95
		<i>For 90 Degree Corner, Add</i>	52.28	
		<i>For Valve Enclosure, Add</i>	52.28	
		<i>For Filler Piece, Add</i>	45.28	
		<i>For End Cap, Add</i>	35.48	
		<i>For Copper Tube With Aluminum Fins, Add</i>	17.65	
23 82 36 00-0033	EA	10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	662.99	92.33
		<i>For 90 Degree Corner, Add</i>	62.78	
		<i>For Valve Enclosure, Add</i>	62.78	
		<i>For Filler Piece, Add</i>	55.78	
		<i>For End Cap, Add</i>	42.31	
		<i>For Copper Tube With Aluminum Fins, Add</i>	21.95	
23 82 36 00-0034	EA	12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	792.04	110.93
		<i>For 90 Degree Corner, Add</i>	73.38	
		<i>For Valve Enclosure, Add</i>	73.38	
		<i>For Filler Piece, Add</i>	66.38	
		<i>For End Cap, Add</i>	49.20	
		<i>For Copper Tube With Aluminum Fins, Add</i>	26.13	
23 82 36 00-0035	EA	14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	908.35	118.37
		<i>For 90 Degree Corner, Add</i>	77.64	
		<i>For Valve Enclosure, Add</i>	77.64	
		<i>For Filler Piece, Add</i>	70.64	
		<i>For End Cap, Add</i>	51.97	
		<i>For Copper Tube With Aluminum Fins, Add</i>	31.36	
23 82 36 00-0036	EA	16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,000.61	130.80
		<i>For 90 Degree Corner, Add</i>	84.69	
		<i>For Valve Enclosure, Add</i>	84.69	
		<i>For Filler Piece, Add</i>	77.69	
		<i>For End Cap, Add</i>	56.55	
		<i>For Copper Tube With Aluminum Fins, Add</i>	34.49	
23 82 36 00-0037	EA	18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,144.94	147.97
		<i>For 90 Degree Corner, Add</i>	94.55	
		<i>For Valve Enclosure, Add</i>	94.55	
		<i>For Filler Piece, Add</i>	87.55	
		<i>For End Cap, Add</i>	62.96	
		<i>For Copper Tube With Aluminum Fins, Add</i>	39.72	
23 82 36 00-0038	EA	20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element	1,262.77	162.77
		<i>For 90 Degree Corner, Add</i>	102.91	
		<i>For Valve Enclosure, Add</i>	102.91	
		<i>For Filler Piece, Add</i>	95.91	
		<i>For End Cap, Add</i>	68.39	
		<i>For Copper Tube With Aluminum Fins, Add</i>	43.90	

23 82 39 Unit Heaters (23 82)**23 82 39 13 Cabinet Unit Heaters** (23 82 39)**23 82 39 13-0001 Electric Cabinet Unit Heaters** (23 82 39 13)

Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.

23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length (23 82 39 13-0001)

23 82 39 13-0003	EA	2 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,451.92	112.65
		Note: Wall or floor mounted.		
23 82 39 13-0004	EA	3 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,471.46	112.65
		Note: Wall or floor mounted.		
23 82 39 13-0005	EA	4 KW, 250 CFM, 35" Electric Cabinet Unit Heater	2,491.00	112.65
		Note: Wall or floor mounted.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0006	EA		5 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,510.53	112.65
23 82 39 13-0007	EA		6 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,530.07	112.65
23 82 39 13-0008	EA		7 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,549.62	112.65
23 82 39 13-0009	EA		8 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	2,569.93	112.65
23 82 39 13-0010	EA		For Ceiling Installation of 35" Cabinet Unit Heater, Add	150.49	74.80
23 82 39 13-0011			Electric Cabinet Unit Heaters, 45" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0012	EA		4 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,602.48	135.17
23 82 39 13-0013	EA		6 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,641.57	135.17
23 82 39 13-0014	EA		8 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,680.64	135.17
23 82 39 13-0015	EA		10 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,719.72	135.17
23 82 39 13-0016	EA		12 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,758.79	135.17
23 82 39 13-0017	EA		14 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,797.88	135.17
23 82 39 13-0018	EA		16 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,836.95	135.17
23 82 39 13-0019	EA		For Ceiling Installation of 45" Cabinet Unit Heater, Add	180.23	90.11
23 82 39 13-0020			Electric Cabinet Unit Heaters, 58" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0021	EA		6 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,265.48	180.23
23 82 39 13-0022	EA		8 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,304.55	180.23
23 82 39 13-0023	EA		10 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,343.63	180.23
23 82 39 13-0024	EA		12 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,382.70	180.23
23 82 39 13-0025	EA		14 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,421.79	180.23
23 82 39 13-0026	EA		16 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,460.86	180.23
23 82 39 13-0027	EA		For Ceiling Installation of 58" Cabinet Unit Heater, Add	225.28	112.65
23 82 39 13-0028			Electric Cabinet Unit Heaters, 68" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0029	EA		6 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,850.33	225.28
23 82 39 13-0030	EA		9 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,908.94	225.28
23 82 39 13-0031	EA		12 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,967.55	225.28
23 82 39 13-0032	EA		15 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,026.16	225.28
23 82 39 13-0033	EA		18 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,084.79	225.28
23 82 39 13-0034	EA		21 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,143.40	225.28
23 82 39 13-0035	EA		24 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,202.02	225.28
23 82 39 13-0036	EA		For Ceiling Installation of 68" Cabinet Unit Heater, Add	300.98	150.49
23 82 39 13-0037			Electric Cabinet Unit Heaters, 78" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0038	EA		8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,513.30	270.34
23 82 39 13-0039	EA		12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,591.46	270.34
23 82 39 13-0040	EA		16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,669.62	270.34
23 82 39 13-0041	EA		20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,747.77	270.34
23 82 39 13-0042	EA		24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,825.93	270.34
23 82 39 13-0043	EA		28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,904.08	270.34
23 82 39 13-0044	EA		32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,982.24	270.34
23 82 39 13-0045	EA		For Ceiling Installation of 78" Cabinet Unit Heater, Add	360.45	180.23
23 82 39 13-0046			Removal and Reinstallation of Cabinet Unit Heaters (23 82 39 13)		
			Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA		Remove And Reinstall Up To 58" Cabinet Unit Heater, Floor or Wall.....	232.52	
23 82 39 13-0048	EA		Remove And Reinstall >58" Cabinet Unit Heater, Floor or Wall	401.64	
23 82 39 13-0049	EA		Remove And Reinstall Up To 58" Cabinet Unit Heater, Ceiling	479.41	
23 82 39 13-0050	EA		Remove And Reinstall >58" Cabinet Unit Heater, Ceiling.....	648.51	

23 Heating, Ventilating, And Air-Conditioning (HVAC)

23 80 Decentralized Unitary HVAC Equipment

23 82 Convection Heating And Cooling Units



MINOR CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION UNIT COST UNIT COST

23 82 39 16 Propeller Unit Heaters (23 82 39)

Table listing items for Propeller Unit Heaters, including Hydronic Unit Heaters Using Steam Or Hot Water and Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt. Includes item numbers, descriptions, and unit costs.

Table listing items for Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt. Includes item numbers, descriptions, and unit costs.

Table listing items for Removal and Reinstallation of Propeller Unit Heaters. Includes item numbers, descriptions, and unit costs.

23 82 39 19 Wall and Ceiling Unit Heaters (23 82 39)

Table listing items for Electric Unit Heaters. Includes item numbers, descriptions, and unit costs.

Table listing items for Electric Ceiling and Wall Heaters. Includes item numbers, descriptions, and unit costs.

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

23 82 39 19-0023	EA	3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	749.18	78.85
23 82 39 19-0024	EA	4,800/3,600 Watt Recessed Electric Ceiling Heater	840.65	78.85
23 82 39 19-0025	EA	4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	973.85	83.35
23 82 39 19-0026	EA	5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,054.17	83.35
23 82 39 19-0027	EA	1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	457.13	74.34
23 82 39 19-0028	EA	3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	824.02	78.85
23 82 39 19-0029	EA	4,800/3,600 Watt Surface Mounted Electric Ceiling Heater	915.50	78.85

23 82 39 19-0030 Removal And Reinstallation Of Electric Unit Heaters (23 82 39 19)

Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0031	EA	Remove And Reinstall Up To 15KW Electric Unit Heater	304.41	
23 82 39 19-0032	EA	Remove And Reinstall >15 KW Electric Unit Heater	625.76	

23 83 Radiant Heating Units (23 80)

23 83 13 Radiant-Heating Electric Cables (23 83)

23 83 13 00-0001 Self Regulating Heating Cable (23 83 13)

23 83 13 00-0002	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	5.47	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.07	
23 83 13 00-0003	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	6.00	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.20	
23 83 13 00-0004	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	6.46	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.32	
23 83 13 00-0005	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	5.63	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.11	
23 83 13 00-0006	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	6.14	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.24	
23 83 13 00-0007	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	6.67	0.60
		Note: Tinned copper braid, @ 50° F.		
		For TPE Covering, Add	1.37	
23 83 13 00-0008	EA	Power Connection Kit	189.83	47.36
		Note: Includes pre-set thermostat.		
23 83 13 00-0009	EA	Splice And Tee Kit	189.83	47.36
23 83 13 00-0010	EA	End Seal Kit	112.34	8.61
23 83 13 00-0011	EA	Ambient Air Sensing Thermostat	303.59	21.53
23 83 13 00-0012	EA	Line Sensing Thermostat	333.19	21.53
		Note: Mechanical or electronic.		

23 84 Humidity Control Equipment (23 80)

23 84 13 Humidifiers (23 84)

23 84 13 00-0001 Residential Humidifiers (23 84 13)

Note: Includes solenoid valve and flow through water supply.

23 84 13 00-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type	350.15	42.28
------------------	----	--	--------	-------

23 84 13 00-0003 Steam Type Pneumatically Controlled (23 84 13)

Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.

23 84 13 00-0004	EA	3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	1,143.88	223.21
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	354.44	
23 84 13 00-0005	EA	3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	1,143.88	223.21
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	354.44	
23 84 13 00-0006	EA	65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	1,601.94	223.21
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	491.86	
23 84 13 00-0007	EA	65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	1,686.49	279.03
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	520.04	
23 84 13 00-0008	EA	100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,355.10	223.21
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	717.80	
23 84 13 00-0009	EA	100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	2,439.65	279.03
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	745.99	
23 84 13 00-0010	EA	220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,616.47	279.03
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	1,099.03	
23 84 13 00-0011	EA	220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	3,722.16	349.20
		For Electrically Controlled Unit, Add	700.00	
		For Each Additional Manifold, Add	1,134.26	

23 84 13 00-0012 Electric Steam Humidifiers, Self-Steam Producing (23 84 13)

Note: Electronic modulating duct or air handling unit installation 208V-108V with 12"-72" manifolds included.

23 Heating, Ventilating, And Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 84 Humidity Control Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 84 13 00-0013	EA	1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	6,645.03	348.35
23 84 13 00-0014	EA	20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	8,386.00	349.20

23 84 16 Mechanical Dehumidification Units (23 84)**23 84 16 16 Indoor, Mechanical Dehumidification Units (23 84 16)****23 84 16 16-0001 Mechanical Dehumidification Units (23 84 16 16)**

Note: Sized by moisture removal per 24 hours.

23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier.....	1,196.88	45.06
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10" /6" Duct Connection, Refrigerant Dehumidifier.....	1,502.40	52.56
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10" /6" Duct Connection, Refrigerant Dehumidifier.....	2,005.18	60.08

23 84 16 33 Portable Dehumidifiers (23 84 16)**23 84 16 33-0001 Self Contained Free Standing Unit (23 84 16 33)**

Note: Sized by moisture removal per 24 hours.

23 84 16 33-0002	EA	12 Pint/24 Hour Dehumidifier.....	473.65	97.34
23 84 16 33-0003	EA	15 Pint/24 Hour Dehumidifier.....	509.86	97.34
23 84 16 33-0004	EA	20 Pint/24 Hour Dehumidifier.....	575.04	97.34
23 84 16 33-0005	EA	30 Pint/24 Hour Dehumidifier.....	654.70	97.34
23 84 16 33-0006	EA	40 Pint/24 Hour Dehumidifier.....	690.91	97.34
23 84 16 33-0007	EA	65 Pint/24 Hour Dehumidifier.....	761.24	97.34

END OF SECTION 23

MINOR	UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

26 01 Operation and Maintenance of Electrical Systems ⁽²⁶⁾

26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution ^(26 01)

26 01 10 00-0001	Retrofit Distribution Enclosures ^(26 01 10) Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.		
26 01 10 00-0002	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) Note: 2mm thick, aluminum frame, hinged cover.	287.74	
	<i>For Up To 20, Add</i>	58.69	
	<i>For > 20 To 50, Add</i>	46.95	
	<i>For > 50 To 100, Add</i>	23.47	
26 01 10 00-0003	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) Note: 2mm thick, aluminum frame, hinged cover.	371.88	
	<i>For Up To 20, Add</i>	79.72	
	<i>For > 20 To 50, Add</i>	63.78	
	<i>For > 50 To 100, Add</i>	31.89	
26 01 10 00-0004	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) Note: 4mm thick, aluminum frame, hinged cover.	556.97	
	<i>For Up To 20, Add</i>	125.99	
	<i>For > 20 To 50, Add</i>	100.79	
	<i>For > 50 To 100, Add</i>	50.40	
26 01 10 00-0005	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO) Note: 2mm thick, aluminum frame, twist cover.	285.34	
	<i>For Up To 20, Add</i>	58.09	
	<i>For > 20 To 50, Add</i>	46.47	
	<i>For > 50 To 100, Add</i>	23.23	
26 01 10 00-0006	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) Note: 2mm thick, aluminum frame, twist cover.	286.82	
	<i>For Up To 20, Add</i>	58.46	
	<i>For > 20 To 50, Add</i>	46.76	
	<i>For > 50 To 100, Add</i>	23.38	
26 01 10 00-0007	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) Note: 2mm thick, aluminum frame, twist cover.	365.02	
	<i>For Up To 20, Add</i>	78.01	
	<i>For > 20 To 50, Add</i>	62.40	
	<i>For > 50 To 100, Add</i>	31.20	
26 01 10 00-0008	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) Note: 4mm thick, aluminum frame, twist cover.	541.76	
	<i>For Up To 20, Add</i>	122.19	
	<i>For > 20 To 50, Add</i>	97.75	
	<i>For > 50 To 100, Add</i>	48.88	
26 01 10 00-0009	EA 2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	227.16	
	<i>For Up To 20, Add</i>	43.54	
	<i>For > 20 To 50, Add</i>	34.83	
	<i>For > 50 To 100, Add</i>	17.42	
26 01 10 00-0010	EA 3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	318.03	
	<i>For Up To 20, Add</i>	66.26	
	<i>For > 20 To 50, Add</i>	53.01	
	<i>For > 50 To 100, Add</i>	26.50	
26 01 10 00-0011	EA 4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VEFR) Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	450.54	
	<i>For Up To 20, Add</i>	99.39	
	<i>For > 20 To 50, Add</i>	79.51	
	<i>For > 50 To 100, Add</i>	39.75	
26 01 10 00-0012	EA 2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	411.22	
	<i>For Up To 20, Add</i>	89.56	
	<i>For > 20 To 50, Add</i>	71.64	
	<i>For > 50 To 100, Add</i>	35.82	
26 01 10 00-0013	EA 3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	563.25	
	<i>For Up To 20, Add</i>	127.56	
	<i>For > 20 To 50, Add</i>	102.05	
	<i>For > 50 To 100, Add</i>	51.03	
26 01 10 00-0014	EA 4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) Note: 4mm thick, aluminum frame, magnetic cover.	1,027.59	
	<i>For Up To 20, Add</i>	243.65	
	<i>For > 20 To 50, Add</i>	194.92	
	<i>For > 50 To 100, Add</i>	97.46	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 10 Operation And Maintenance Of Medium-Voltage Electrical Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 10 00-0015	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	471.65
		Note: 4mm thick, aluminum frame, magnetic cover.	
		<i>For Up To 20, Add</i>	104.66
		<i>For > 20 To 50, Add</i>	83.73
		<i>For > 50 To 100, Add</i>	41.87
26 01 10 00-0016	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	691.78
		Note: 4mm thick, aluminum frame, magnetic cover.	
		<i>For Up To 20, Add</i>	159.70
		<i>For > 20 To 50, Add</i>	127.76
		<i>For > 50 To 100, Add</i>	63.88

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution (26 01)

26 01 20 00-0001		Lock Out/Tag Out Devices <small>(26 01 20)</small>	
		Note: Includes the installation and removal of device lock, pad lock and identifying markers. Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.	
26 01 20 00-0002	EA	Lock Out/Tag Out Local Disconnect	21.53
26 01 20 00-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter	21.53
26 01 20 00-0004	EA	Lock Out/Tag Out Tags	2.56
26 01 20 00-0005		Existing Circuit Tracing <small>(26 01 20)</small>	
26 01 20 00-0006	EA	Motors, Disconnects And Other Single Source Devices, Existing Circuit Tracing Per Device	17.91
26 01 20 00-0007	EA	Lighting, Existing Circuit Tracing Per Circuit	17.91

26 01 30 Operation And Maintenance Of Facility Electrical Power Generating And Storing Equipment (26 01)

26 01 30 00-0001		Emergency Generator Permits <small>(26 01 30)</small>	
26 01 30 00-0002		Air Pollution Control Board <small>(26 01 30 00-0001)</small>	
26 01 30 00-0003	EA	APCD Permit To Construct And Operate Emergency Generator	2,443.70

26 01 50 Operation and Maintenance of Lighting (26 01)
26 01 50 51 Luminaire Relamping (26 01 50)

26 01 50 51-0001		Replace Lamps In Existing Fixtures <small>(26 01 50 51)</small>	
		Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps. See CSI section 26 01 50 51-0130 for disposal of hazardous lamps.	
26 01 50 51-0002		Halogen Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp	41.48
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp	54.66
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp	83.24
26 01 50 51-0006	EA	90 Watt, PAR38, Halogen Lamp	16.84
26 01 50 51-0007		Incandescent Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0008	EA	100 Watt, Frosted, Interior Incandescent Lamp	4.04
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.11
26 01 50 51-0009	EA	150 Watt, Frosted, Interior Incandescent Lamp	5.55
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.11
26 01 50 51-0010	EA	200 Watt, Frosted, Interior Incandescent Lamp	7.23
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.11
26 01 50 51-0011	EA	300 Watt, PS25, Interior Incandescent Lamp	9.33
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.11
26 01 50 51-0012	EA	60 Watt, G25, Clear, Interior Incandescent Lamp	6.50
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.11
26 01 50 51-0013	EA	75 Watt, R20, Interior Incandescent Lamp	11.05
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.33
26 01 50 51-0014	EA	75 Watt, PAR38, Exterior Incandescent Lamp	14.00
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.33
26 01 50 51-0015	EA	100 Watt, PAR38, Exterior Incandescent Lamp	12.83
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.33
26 01 50 51-0016	EA	150 Watt, PAR38, Exterior Incandescent Lamp	23.99
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.33
26 01 50 51-0017	EA	250 Watt, PAR38, Exterior Incandescent Lamp	51.70
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.54
26 01 50 51-0018	EA	300 Watt, PAR56, Exterior Incandescent Lamp	59.89
		<i>For Multiple Lamps In Fixture, Deduct</i>	-1.54
26 01 50 51-0019		Exit Light Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0020	EA	Convert Exit Light Lamps To Red LED Lamps	71.29
		<i>For Green LED Lamps, Add</i>	25.00
26 01 50 51-0021	EA	Fluorescent Lamp For Exit Light	20.77
		<i>For Multiple Lamps In Fixture, Deduct</i>	-4.42
26 01 50 51-0022	EA	Lamp Replacement For Emergency Lights On Exit Sign	33.42
		<i>For Multiple Lamps In Fixture, Deduct</i>	-2.21

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

26 01 50 51-0023	Fluorescent Lamps (26 01 50 51-0001)		
26 01 50 51-0024	EA 46", 54 Watt T5 HO Fluorescent Lamp	28.85	
26 01 50 51-0025	EA 18", 15 Watt, T8 Fluorescent Lamp	6.89	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0026	EA 2', 17 Watt, T8 Fluorescent Lamp	8.21	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0027	EA 3', 25 Watt, T8 Fluorescent Lamp	9.41	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0028	EA 4', 32 Watt, T8 Fluorescent Lamp	10.81	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0029	EA 4', 30 Watt, T8 Fluorescent Lamp	11.69	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0030	EA 4', 28 Watt, T8 Fluorescent Lamp	10.30	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0031	EA 4', 25 Watt, T8 Fluorescent Lamp	10.25	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0032	EA 4', 44 Watt, T8HO Fluorescent Lamp	16.22	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0033	EA 8', 59 Watt, T8 Fluorescent Lamp	12.47	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0034	EA 18", 15 Watt, T12 Fluorescent Lamp	10.22	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0035	EA 2', 20 Watt, T12 Fluorescent Lamp	7.83	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0036	EA 3', 30 Watt, T12 Fluorescent Lamp	8.79	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0037	EA 4', 34 Watt, T12 Fluorescent Lamp	8.83	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0038	EA 4', 40 Watt, T12 Fluorescent Lamp	8.66	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0039	EA 8', 60 Watt, T12 Fluorescent Lamp	12.78	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0040	EA 8', 75 Watt, T12 Fluorescent Lamp	10.86	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0041	EA 8', 95 Watt, Instant Start T12 Fluorescent Lamp	18.14	
26 01 50 51-0042	EA 6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	10.34	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0043	EA 8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	8.57	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0044	EA 12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	8.30	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0045	EA 16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	9.14	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0046	EA 6", 4 Watt, T5 Fluorescent Lamp	7.60	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0047	EA 9", 6 Watt, T5 Fluorescent Lamp	7.49	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0048	EA 12", 8 Watt, T5 Fluorescent Lamp	7.71	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0049	EA 21", 13 Watt, T5 Fluorescent Lamp	8.05	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0050	EA 24", 14 Watt, T5 Fluorescent Lamp	9.22	
	For Multiple Lamps In Fixture, Deduct	-1.77	
26 01 50 51-0051	EA 34", 21 Watt, T5 Fluorescent Lamp	10.03	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0052	EA 46", 28 Watt, T5 Fluorescent Lamp	9.73	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0053	EA 46", 54 Watt T5HO Fluorescent Lamp	10.61	
	For Multiple Lamps In Fixture, Deduct	-1.99	
26 01 50 51-0054	EA 46", 54 Watt T5 Fluorescent Lamp	11.86	
26 01 50 51-0055	EA 32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	14.95	
	For Multiple Lamps In Fixture, Deduct	-2.21	
26 01 50 51-0056	EA 40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	14.43	
	For Multiple Lamps In Fixture, Deduct	-2.21	
26 01 50 51-0057	EA 27-55 Watt, 4-Pin Compact Fluorescent Lamp	13.25	
	For Multiple Lamps In Fixture, Deduct	-1.11	
26 01 50 51-0058	EA 5-13 Watt, 2-Pin Compact Fluorescent Lamp	5.95	
	For Multiple Lamps In Fixture, Deduct	-1.11	
26 01 50 51-0059	EA 9-26 Watt, 4-Pin Compact Fluorescent Lamp	6.56	
	For Multiple Lamps In Fixture, Deduct	-1.11	
26 01 50 51-0060	EA Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux	17.34	
26 01 50 51-0061	EA Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux	17.34	
26 01 50 51-0062	EA 32 Watt 2D (DoubleD) Fluorescent Lamp	32.23	
26 01 50 51-0063	EA 26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp	11.83	

26 01 50 51-0064	Mercury Vapor Lamps (26 01 50 51-0001)		
26 01 50 51-0065	EA 100 Watt, Mercury Vapor Lamp	25.98	
26 01 50 51-0066	EA 175 Watt, Mercury Vapor Lamp	21.74	
26 01 50 51-0067	EA 250 Watt, Mercury Vapor Lamp	22.36	
26 01 50 51-0068	EA 400 Watt, Mercury Vapor Lamp	26.67	
26 01 50 51-0069	EA 1,000 Watt, Mercury Vapor Lamp	39.66	

26 01 50 51-0070 Metal Halide Lamps (26 01 50 51-0001)

26 Electrical

26 01 Operation and Maintenance of Electrical Systems

26 01 50 Operation and Maintenance of Lighting

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 01 50 51-0071	EA	50 Watt, Pulse Start Metal Halide Lamp	24.35
26 01 50 51-0072	EA	70 Watt, Pulse Start Metal Halide Lamp	28.12
26 01 50 51-0073	EA	100 Watt, Pulse Start Metal Halide Lamp	29.13
26 01 50 51-0074	EA	150 Watt, Pulse Start Metal Halide Lamp	30.75
26 01 50 51-0075	EA	175 Watt, Probe Start Metal Halide Lamp	26.80
26 01 50 51-0076	EA	175 Watt, Pulse Start Metal Halide Lamp	35.59
26 01 50 51-0077	EA	250 Watt, Probe Start Metal Halide Lamp	24.48
26 01 50 51-0078	EA	250 Watt, Pulse Start Metal Halide Lamp	32.77
26 01 50 51-0079	EA	400 Watt, Probe Start Metal Halide Lamp	27.05
26 01 50 51-0080	EA	400 Watt, Pulse Start Metal Halide Lamp	33.02
26 01 50 51-0081	EA	1,000 Watt, Probe Start Metal Halide Lamp	34.00
26 01 50 51-0082	EA	1,000 Watt, Pulse Start Metal Halide Lamp	37.37
26 01 50 51-0083	EA	1,500 Watt, Probe Start Metal Halide Lamp	41.71

26 01 50 51-0084 High Pressure Sodium Lamps (26 01 50 51-0001)

26 01 50 51-0085	EA	35 Watt, High Pressure Sodium Lamp	23.61
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0086	EA	50 Watt, High Pressure Sodium Lamp	23.61
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0087	EA	70 Watt, High Pressure Sodium Lamp	23.92
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0088	EA	100 Watt, High Pressure Sodium Lamp	24.58
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0089	EA	150 Watt, High Pressure Sodium Lamp	25.15
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0090	EA	250 Watt, High Pressure Sodium Lamp	23.73
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0091	EA	400 Watt, High Pressure Sodium Lamp	25.73
<i>For Enclosed And Gasket Light Fixtures, Add</i>			1.70
26 01 50 51-0092	EA	1,000 Watt, High Pressure Sodium Lamp	54.35

26 01 50 51-0093 Low Pressure Sodium Lamps (26 01 50 51-0001)

26 01 50 51-0094	EA	35 Watt, Low Pressure Sodium Lamp	53.53
26 01 50 51-0095	EA	55 Watt, Low Pressure Sodium Lamp	59.66
26 01 50 51-0096	EA	70 Watt, Low Pressure Sodium Lamp	61.04
26 01 50 51-0097	EA	90 Watt, Low Pressure Sodium Lamp	62.42
26 01 50 51-0098	EA	135 Watt, Low Pressure Sodium Lamp	67.94
26 01 50 51-0099	EA	180 Watt, Low Pressure Sodium Lamp	92.79

26 01 50 51-0100 LED Lamps (26 01 50 51-0001)

26 01 50 51-0101	EA	3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star)	14.00
26 01 50 51-0102	EA	8 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	23.47
26 01 50 51-0103	EA	11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	30.69
26 01 50 51-0104	EA	13.5 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star)	25.52
26 01 50 51-0105	EA	8 Watt (40 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	26.69
26 01 50 51-0106	EA	17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star)	43.99
26 01 50 51-0107	EA	8 Watt (50 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	30.68
26 01 50 51-0108	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	37.29
26 01 50 51-0109	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star)	43.45
26 01 50 51-0110	EA	11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	39.79
26 01 50 51-0111	EA	14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	40.99
26 01 50 51-0112	EA	14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	44.18
26 01 50 51-0113	EA	18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star)	45.75
26 01 50 51-0114	EA	7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star)	28.02
26 01 50 51-0115	EA	12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star)	40.14
26 01 50 51-0116	EA	16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	41.31
26 01 50 51-0117	EA	15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	41.31
26 01 50 51-0118	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star)	28.37
26 01 50 51-0119	EA	12 Watt (50 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	41.90
26 01 50 51-0120	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	37.78
26 01 50 51-0121	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star)	43.67
26 01 50 51-0122	EA	15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	41.90
26 01 50 51-0123	EA	18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	43.67
26 01 50 51-0124	EA	19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star)	46.26
26 01 50 51-0125	EA	24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star)	44.84
26 01 50 51-0126	EA	4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star)	23.11
26 01 50 51-0127	EA	6 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	27.64
26 01 50 51-0128	EA	6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star)	30.68
26 01 50 51-0129	EA	8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star)	38.45

26 01 50 51-0130 Recycle Hazardous Lamps (26 01 50 51)

Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 01 22 23 00-0001 for work over 14' to add appropriate aerial lift.

26 01 50 51-0131	EA	Recycle 2' Length Linear Fluorescent Lamps	0.23
26 01 50 51-0132	EA	Recycle 3' Length Linear Fluorescent Lamps	0.35
26 01 50 51-0133	EA	Recycle 4' Length Linear Fluorescent Lamps	0.47
26 01 50 51-0134	EA	Recycle 6' Length Linear Fluorescent Lamps	0.70
26 01 50 51-0135	EA	Recycle 8' Length Linear Fluorescent Lamps	0.94
26 01 50 51-0136	EA	Recycle Compact Fluorescent Lamps	0.42
26 01 50 51-0137	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	0.42
26 01 50 51-0138	EA	Recycle High Intensity Discharge (HID) Lamps	1.46

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

26 01 50 52 Ballasts And Accessories (26 01 50)

26 01 50 52-0001	Lighting Ballasts (26 01 50 52) Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 52-0002	Fluorescent Ballasts (26 01 50 52-0001)		
26 01 50 52-0003	T5 Fluorescent Ballasts (26 01 50 52-0002)		
26 01 50 52-0004	T5 Fluorescent Electronic Ballasts (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0005	14 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)		
26 01 50 52-0006	EA 1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	50.76	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0007	EA 2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.11	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0008	21 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)		
26 01 50 52-0009	EA 1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	50.76	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0010	EA 2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.11	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0011	28 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)		
26 01 50 52-0012	EA 1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	50.76	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0013	EA 2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.11	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	2.62	
26 01 50 52-0014	35 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)		
26 01 50 52-0015	EA 1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	50.76	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0016	EA 2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.11	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0017	54 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)		
26 01 50 52-0018	EA 1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	50.71	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0019	EA 2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	54.06	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0020	EA 3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	73.10	20.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
26 01 50 52-0021	EA 4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	76.44	23.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0022	High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0023	12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0024	EA 1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	43.30	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0025	EA 2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	46.65	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0026	24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0027	EA 1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	55.22	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0028	EA 2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	58.57	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0029	39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0030	EA 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	55.22	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0031	EA 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	58.57	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0032	54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0033	EA 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	43.30	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0034	EA 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast	46.65	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0035	Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0003)</small>		
26 01 50 52-0036	Step Dimming, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037	28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast <small>(26 01 50 52-0036)</small>		
26 01 50 52-0038	EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast.....	62.89	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0039	Dimming To 5%, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040	54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0039)</small>		
26 01 50 52-0041	EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	168.12	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0042	EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast	166.96	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
26 01 50 52-0043	T8 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0044	T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small> Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045	17 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0046	EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	24.79	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	6.38	
26 01 50 52-0047	EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.16	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	4.20	
26 01 50 52-0048	EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.14	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	6.38	
26 01 50 52-0049	EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	43.51	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	4.20	
26 01 50 52-0050	EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.19	20.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
	For High Ballast Factor, Add	6.22	
26 01 50 52-0051	EA 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.22	20.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
	For High Ballast Factor, Add	3.57	
26 01 50 52-0052	EA 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	39.29	23.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
	For High Ballast Factor, Add	15.74	
26 01 50 52-0053	EA 4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	54.40	23.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
	For High Ballast Factor, Add	9.19	
26 01 50 52-0054	25 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0055	EA 1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	24.79	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	6.38	
26 01 50 52-0056	EA 1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.16	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	4.20	
26 01 50 52-0057	EA 2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.14	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	6.38	
26 01 50 52-0058	EA 2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	43.51	16.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
	For High Ballast Factor, Add	4.20	
26 01 50 52-0059	EA 3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.19	20.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
	For High Ballast Factor, Add	6.22	
26 01 50 52-0060	EA 3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.22	20.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
	For High Ballast Factor, Add	3.57	
26 01 50 52-0061	EA 4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	39.29	23.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
	For High Ballast Factor, Add	15.74	
26 01 50 52-0062	EA 4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	54.40	23.42
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
	For High Ballast Factor, Add	9.19	
26 01 50 52-0063	28 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0064	EA 1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	24.79	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	6.38	
26 01 50 52-0065	EA 1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.16	13.38
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
	For High Ballast Factor, Add	4.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0066 EA 2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	6.38	
26 01 50 52-0067 EA 2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	43.51	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	4.20	
26 01 50 52-0068 EA 3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.19	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
For High Ballast Factor, Add	6.22	
26 01 50 52-0069 EA 3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.22	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
For High Ballast Factor, Add	3.57	
26 01 50 52-0070 EA 4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	39.29	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
For High Ballast Factor, Add	15.74	
26 01 50 52-0071 EA 4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	54.40	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
For High Ballast Factor, Add	9.19	
26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0073 EA 1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	24.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
For High Ballast Factor, Add	6.38	
26 01 50 52-0074 EA 1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.16	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
For High Ballast Factor, Add	4.20	
26 01 50 52-0075 EA 2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	28.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	6.38	
26 01 50 52-0076 EA 2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	43.51	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	4.20	
26 01 50 52-0077 EA 3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	34.19	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
For High Ballast Factor, Add	6.22	
26 01 50 52-0078 EA 3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.22	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
For High Ballast Factor, Add	3.57	
26 01 50 52-0079 EA 4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	39.29	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
For High Ballast Factor, Add	15.74	
26 01 50 52-0080 EA 4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	54.40	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
For High Ballast Factor, Add	9.19	
26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0082 EA 1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	36.90	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
For High Ballast Factor, Add	2.73	
26 01 50 52-0083 EA 1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	40.16	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
For High Ballast Factor, Add	4.20	
26 01 50 52-0084 EA 2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	40.25	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	2.73	
26 01 50 52-0085 EA 2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	43.51	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	4.20	
26 01 50 52-0086 EA 3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	50.00	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
For High Ballast Factor, Add	1.68	
26 01 50 52-0087 EA 3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	49.22	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.02	
26 01 50 52-0088 EA 4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	53.34	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
For High Ballast Factor, Add	1.68	
26 01 50 52-0089 EA 4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	54.40	23.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0091 EA 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	43.30	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
For High Ballast Factor, Add	5.85	
26 01 50 52-0092 EA 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	46.65	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.02	
For High Ballast Factor, Add	5.85	
26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0043)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)		
26 01 50 52-0095 EA 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	51.55	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 01 50 52-0096 EA 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	65.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0175	EA 2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.07 5.02	16.73
26 01 50 52-0176	EA 3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.89 6.02	20.08
26 01 50 52-0177	EA 4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.30 7.03	23.42
26 01 50 52-0178	EA 5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.35 8.03	26.77
26 01 50 52-0179	EA 6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.70 9.04	30.12
26 01 50 52-0180	40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0151)</small>		
26 01 50 52-0181	EA 1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.72 4.01	13.38
26 01 50 52-0182	EA 2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.07 5.02	16.73
26 01 50 52-0183	EA 3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.89 6.02	20.08
26 01 50 52-0184	EA 4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.30 7.03	23.42
26 01 50 52-0185	EA 5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.35 8.03	26.77
26 01 50 52-0186	EA 6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.70 9.04	30.12
26 01 50 52-0187	Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0114)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188	17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0187)</small>		
26 01 50 52-0189	EA 1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.47 4.01	13.38
26 01 50 52-0190	EA 2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.82 5.02	16.73
26 01 50 52-0191	EA 3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.67 6.02	20.08
26 01 50 52-0192	EA 4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.01 7.03	23.42
26 01 50 52-0193	25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0187)</small>		
26 01 50 52-0194	EA 1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.47 4.01	13.38
26 01 50 52-0195	EA 2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.82 5.02	16.73
26 01 50 52-0196	EA 3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.67 6.02	20.08
26 01 50 52-0197	EA 4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.01 7.03	23.42
26 01 50 52-0198	28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0187)</small>		
26 01 50 52-0199	EA 1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.47 4.01	13.38
26 01 50 52-0200	EA 2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.82 5.02	16.73
26 01 50 52-0201	EA 3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.67 6.02	20.08
26 01 50 52-0202	EA 4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.01 7.03	23.42
26 01 50 52-0203	32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0187)</small>		
26 01 50 52-0204	EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.47 4.01	13.38
26 01 50 52-0205	EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.82 5.02	16.73
26 01 50 52-0206	EA 3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.67 6.02	20.08
26 01 50 52-0207	EA 4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.01 7.03	23.42
26 01 50 52-0208	T10 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0209	T10 Fluorescent Electronic Ballasts <small>(26 01 50 52-0208)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210	40 Watt, T10 Fluorescent Electronic Ballasts <small>(26 01 50 52-0209)</small>		
26 01 50 52-0211	EA 1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.22 4.01	13.38
26 01 50 52-0212	EA 2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.57 5.02	16.73
26 01 50 52-0213	EA 3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.70 6.02	20.08

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

26 01 50 52-0214	T12 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0215	T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216	25 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0217	EA 1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast.....	24.79	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0218	EA 1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	33.22	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0219	EA 2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast.....	28.14	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0220	EA 2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	36.57	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0221	EA 3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast.....	34.19	20.08
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.02	
26 01 50 52-0222	EA 4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast.....	39.29	23.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.03	
26 01 50 52-0223	30 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0224	EA 1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	33.22	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0225	EA 2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	36.57	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0226	EA 3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	44.70	20.08
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.02	
26 01 50 52-0227	34 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0228	EA 1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	33.22	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0229	EA 2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	36.57	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0230	EA 3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	44.70	20.08
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.02	
26 01 50 52-0231	40 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0232	EA 1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	33.22	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0233	EA 2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	36.57	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0234	EA 3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	44.70	20.08
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.02	
26 01 50 52-0235	96 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0236	EA 1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	40.52	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0237	EA 2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast.....	46.65	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0238	High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239	48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0240	EA 1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	51.70	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0241	EA 2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.05	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0242	60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0243	EA 1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	51.70	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0244	EA 2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.05	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0245	72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0246	EA 1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	51.70	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0247	EA 2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.05	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	
26 01 50 52-0248	96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0238)</small>		
26 01 50 52-0249	EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	51.70	13.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 01 50 52-0250	EA 2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast.....	55.05	16.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.02	

26 Electrical
26 01 Operation and Maintenance of Electrical Systems
26 01 50 Operation and Maintenance of Lighting



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 52-0251		Emergency Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
Note: 120/277 Volt.				
26 01 50 52-0252	EA	One Lamp, 350-450 Lumens, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	82.86	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0253	EA	Two Lamp, 600-700 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	131.67	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0254	EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	161.61	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0255	EA	One Or Two Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	121.67	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0256	EA	Two Or Three Lamp, 2,700-3,400 Lumens, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	540.60	20.08
		<i>For Factory Installation In New Fixtures, Deduct</i>	-29.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.83	
26 01 50 52-0257	EA	One Lamp, 225-450 Lumens, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	163.42	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0258	EA	One Or Two Lamp, 325-1,000 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	268.98	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0259	EA	One Or Two Lamp, 300-750 Lumens, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	151.75	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0260	EA	One Lamp, 200-625 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	203.54	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0261	EA	One Lamp, 300-650 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	159.59	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0262	EA	One Or Two Lamp, 450-950 Lumens, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	179.64	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0263	EA	One Or Two Lamp, 1,100-1,400 Lumens, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	193.72	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0264	EA	Two Lamp, 600-700 Lumens, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	164.35	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0265	EA	One Lamp, 600-700 Lumens, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	166.34	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0266	EA	One Lamp, 500-600 Lumens, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	145.98	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0267	EA	One Or Two Lamp, 300-750 Lumens, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	151.75	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0268	EA	One Lamp, 450 Lumens, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	148.17	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	
26 01 50 52-0269	EA	One Or Two Lamp, 1,100-1,400 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	264.89	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0270	EA	One Or Two Lamp, 1,800-3,500 Lumens, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST)	329.11	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0271	EA	One Or Two Lamp, 1,450-3,500 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT)	608.50	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0272	EA	One Or Two Lamp, 1,100-1,400 Lumens, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT)	425.27	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0273	EA	One Or Two Lamp, 1,100-3,100 Lumens, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48)	220.42	16.73
		<i>For Factory Installation In New Fixtures, Deduct</i>	-28.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.43	
26 01 50 52-0274	EA	One Lamp, 1,050-3,200 Lumens, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1)	282.84	13.38
		<i>For Factory Installation In New Fixtures, Deduct</i>	-26.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0275 EA 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD).....	1,545.54	16.73
For Factory Installation In New Fixtures, Deduct.....	-26.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	8.03	
26 01 50 52-0276 Compact Fluorescent Ballasts (26 01 50 52-0001)		
26 01 50 52-0277 Compact Fluorescent Electronic Ballasts (26 01 50 52-0276)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0278 18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0279 EA 1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	48.24	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0280 EA 2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	51.59	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0281 26 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0282 EA 1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	48.24	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0283 EA 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	51.59	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0284 32 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0285 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	58.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0286 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0287 40 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0288 EA 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	46.98	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0289 EA 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	58.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0290 EA 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	85.78	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0291 EA 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0292 EA 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	101.48	20.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	6.02	
26 01 50 52-0293 42 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0294 EA 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	58.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0295 EA 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0296 55 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0277)		
26 01 50 52-0297 EA 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	58.79	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0298 EA 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	62.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0299 Dimming, Compact Fluorescent Electronic Ballasts (26 01 50 52-0276)		
26 01 50 52-0300 Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0299)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0301 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0300)		
26 01 50 52-0302 EA 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	85.78	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0303 EA 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	89.13	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0304 26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0300)		
26 01 50 52-0305 EA 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	85.78	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0306 EA 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	89.13	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	
26 01 50 52-0307 32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts (26 01 50 52-0300)		
26 01 50 52-0308 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	85.78	13.38
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	4.01	
26 01 50 52-0309 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	84.95	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add.....	5.02	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 01 50 52-0310		40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>			
26 01 50 52-0311	EA	2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.95 5.02		16.73
26 01 50 52-0312		42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>			
26 01 50 52-0313	EA	1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.78 4.01		13.38
26 01 50 52-0314	EA	2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.95 5.02		16.73
26 01 50 52-0315		55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0300)</small>			
26 01 50 52-0316	EA	1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.60 4.01		13.38
26 01 50 52-0317	EA	2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.65 5.02		16.73
26 01 50 52-0318		High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>			
26 01 50 52-0319		Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0318)</small>			
26 01 50 52-0320		Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>			
26 01 50 52-0321		Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0320)</small>			
26 01 50 52-0322	EA	1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.02 7.03		16.73
26 01 50 52-0323	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.40 7.03		16.73
26 01 50 52-0324	EA	1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.40 7.03		16.73
26 01 50 52-0325	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.70 7.03		16.73
26 01 50 52-0326	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.70 7.03		16.73
26 01 50 52-0327	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	138.03 7.03		16.73
26 01 50 52-0328	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	138.03 7.03		16.73
26 01 50 52-0329	EA	1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	178.03 7.03		16.73
26 01 50 52-0330	EA	1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	198.43 7.03		16.73
26 01 50 52-0331		High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0320)</small>			
26 01 50 52-0332	EA	1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.61 7.03		16.73
26 01 50 52-0333	EA	1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.93 7.03		16.73
26 01 50 52-0334	EA	1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.64 7.03		16.73
26 01 50 52-0335	EA	1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.63 7.03		16.73
26 01 50 52-0336	EA	1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.35 7.03		16.73
26 01 50 52-0337	EA	1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.19 7.03		16.73
26 01 50 52-0338	EA	1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.19 7.03		16.73
26 01 50 52-0339	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.88 7.03		16.73
26 01 50 52-0340	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.88 7.03		16.73
26 01 50 52-0341	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.50 7.03		16.73
26 01 50 52-0342	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	230.50 7.03		16.73
26 01 50 52-0343		Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0320)</small>			
26 01 50 52-0344	EA	Single Mounting Bracket For Core And Coil Type <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.73 2.01		
26 01 50 52-0345	EA	Double Mounting Bracket For Core And Coil Type <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.16 3.01		
26 01 50 52-0346		F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>			
26 01 50 52-0347		Metal Halide, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0346)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0348 EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	123.23	16.73
For Pulse Start Ballast, Add	9.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0349 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	129.83	16.73
For Pulse Start Ballast, Add	10.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0350 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	118.23	16.73
For Pulse Start Ballast, Add	9.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0351 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	137.30	16.73
For Pulse Start Ballast, Add	11.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0352 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	190.72	16.73
For Pulse Start Ballast, Add	16.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0353 High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0346)</small>		
26 01 50 52-0354 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	148.25	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0355 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....	158.54	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0356 Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>		
26 01 50 52-0357 Metal Halide, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0356)</small>		
26 01 50 52-0358 EA 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	246.91	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0359 High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0356)</small>		
26 01 50 52-0360 EA 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	387.29	21.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.04	
26 01 50 52-0361 EA 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	431.16	21.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.04	
26 01 50 52-0362 EA 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	415.98	21.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.04	
26 01 50 52-0363 Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>		
26 01 50 52-0364 Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0363)</small>		
26 01 50 52-0365 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	304.06	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0366 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	345.14	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0367 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	455.93	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0368 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	453.54	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0369 EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	635.53	18.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.43	
26 01 50 52-0370 EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	635.53	18.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.43	
26 01 50 52-0371 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	437.24	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0372 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	514.45	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0373 High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0363)</small>		
26 01 50 52-0374 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	567.55	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0375 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	540.34	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0376 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	694.62	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0377 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	694.62	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0378 Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0319)</small>		
26 01 50 52-0379 Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0378)</small>		
26 01 50 52-0380 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	341.70	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0381 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	369.12	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0382 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	366.42	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	
26 01 50 52-0383 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	384.79	16.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.03	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0384	EA		2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	611.57 7.43	18.07
26 01 50 52-0385	EA		2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	751.84 7.43	18.07
26 01 50 52-0386	EA		1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	570.74 7.03	16.73
26 01 50 52-0387	EA		1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	519.59 7.03	16.73
26 01 50 52-0388			High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0378)</small>		
26 01 50 52-0389	EA		1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	441.19 7.03	16.73
26 01 50 52-0390	EA		1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	475.78 7.03	16.73
26 01 50 52-0391	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	710.59 7.03	16.73
26 01 50 52-0392	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	611.38 7.03	16.73
26 01 50 52-0393			Electronic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0318)</small>		
26 01 50 52-0394			Electronic Low Frequency High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0393)</small>		
26 01 50 52-0395	EA		1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.38 7.03	16.73
26 01 50 52-0396	EA		1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.38 7.03	16.73
26 01 50 52-0397	EA		1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.72 7.03	16.73
26 01 50 52-0398	EA		1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	396.62 7.03	16.73
26 01 50 52-0399	EA		1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	396.62 7.03	16.73
26 01 50 52-0400	EA		1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	396.62 7.03	16.73
26 01 50 52-0401	EA		1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	396.62 7.03	16.73
26 01 50 52-0402	EA		1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	396.62 7.03	16.73
26 01 50 52-0403			Owner Supplied Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0404	EA		Install Owner Supplied, 1 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.38 4.01	
26 01 50 52-0405	EA		Install Owner Supplied, 2 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.73 5.02	
26 01 50 52-0406	EA		Install Owner Supplied, 3 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.40 5.82	
26 01 50 52-0407	EA		Install Owner Supplied, 4 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.74 6.22	
26 01 50 52-0408	EA		Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.42 7.03	
26 01 50 52-0409	EA		Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.76 7.43	
26 01 50 52-0410			Retrofit Lighting Fixtures <small>(26 01 50 52)</small>		
26 01 50 52-0411			Retrofit Existing (T12) Fluorescent Fixtures <small>(26 01 50 52-0410)</small> Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal, 26 01 50 51-0130 for hazardous lamp recycling.		
26 01 50 52-0412			Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector <small>(26 01 50 52-0411)</small> Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0413	EA		Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp <i>For Specular Ballast Cover, Add</i>	59.43 5.86	
26 01 50 52-0414	EA		Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps <i>For Specular Ballast Cover, Add</i>	63.95 6.76	
26 01 50 52-0415	EA		Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps <i>For Specular Ballast Cover, Add</i>	84.60 10.89	
26 01 50 52-0416	EA		Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps <i>For Specular Ballast Cover, Add</i>	96.89 13.35	
26 01 50 52-0417			Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector <small>(26 01 50 52-0411)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0418	EA		Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp <i>For Specular Reflector, Add</i>	62.47 6.47	
26 01 50 52-0419	EA		Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	67.35 7.44	

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

26 01 50 52-0420	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	88.85	
		11.74	
26 01 50 52-0421	EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps <i>For Specular Reflector, Add</i>	109.40	15.85
26 01 50 52-0422	Retrofit Existing (T12) Troffer Style Fluorescent Fixtures <small>(26 01 50 52-0411)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 52-0423	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps <i>For Specular Reflector, Add</i>	78.98	8.05
26 01 50 52-0424	EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	83.50	8.95
26 01 50 52-0425	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps <i>For Specular Reflector, Add</i>	82.59	8.77
26 01 50 52-0426	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps <i>For Specular Reflector, Add</i>	90.57	10.36
26 01 50 52-0427	EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps <i>For Specular Reflector, Add</i>	105.26	13.30
26 01 50 52-0428	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	87.15	9.68
26 01 50 52-0429	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps <i>For Specular Reflector, Add</i>	94.98	11.25
26 01 50 52-0430	EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps <i>For Specular Reflector, Add</i>	101.86	12.62
26 01 50 52-0431	Retrofit Existing Recessed Lay-In/Troffer Fixtures <small>(26 01 50 52-0410)</small>		
26 01 50 52-0432	Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) <small>(26 01 50 52-0431)</small> Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.		
26 01 50 52-0433	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.01	
26 01 50 52-0434	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.01	
26 01 50 52-0435	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.01	
26 01 50 52-0436	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	172.47	
26 01 50 52-0437	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.01	
26 01 50 52-0438	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.01	
26 01 50 52-0439	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.01	
26 01 50 52-0440	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	172.47	
26 01 50 52-0441	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.73	
26 01 50 52-0442	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.73	
26 01 50 52-0443	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	157.73	
26 01 50 52-0444	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	173.19	
26 01 50 52-0445	EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.73	
26 01 50 52-0446	EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.73	
26 01 50 52-0447	EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	157.73	
26 01 50 52-0448	EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	173.19	
26 01 50 52-0449	LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) <small>(26 01 50 52-0431)</small> Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.		
26 01 50 52-0450	EA 2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025).....	228.06	
26 01 50 52-0451	EA 4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045).....	238.57	
26 01 50 52-0452	LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) <small>(26 01 50 52-0431)</small> Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.		
26 01 50 52-0453	EA 2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2600L).....	258.23	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 52-0454	EA	2,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2500L).....	265.13
26 01 50 52-0455	EA	3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	265.13
26 01 50 52-0456	EA	3,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3400L).....	292.74
26 01 50 52-0457	EA	4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	299.36
26 01 50 52-0458	EA	5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	320.34

26 01 50 52-0459 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) ^(26 01 50 52-0431)

Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.

26 01 50 52-0460	EA	1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	146.39
26 01 50 52-0461	EA	1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	117.11
26 01 50 52-0462	EA	2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	151.37
26 01 50 52-0463	EA	2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	122.15
26 01 50 52-0464	EA	3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	159.53
26 01 50 52-0465	EA	3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	132.55
26 01 50 52-0466	EA	1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	172.68
26 01 50 52-0467	EA	1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	143.34
26 01 50 52-0468	EA	2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	177.26
26 01 50 52-0469	EA	2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	148.09
26 01 50 52-0470	EA	3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	185.19
26 01 50 52-0471	EA	3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	158.33

26 01 50 52-0472 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) ^(26 01 50 52-0431)

Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.

26 01 50 52-0473	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT).....	335.64
26 01 50 52-0474	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT).....	371.72

26 01 50 53 Lens and Accessory Replacement ^(26 01 50)

26 01 50 53-0001	EA	Parabolic Aluminum Louver Replacement.....	84.72
26 01 50 53-0002	EA	Visor For Fixtures.....	163.49
26 01 50 53-0003	EA	Replace Globe On Pole.....	204.74
26 01 50 53-0004	EA	Replace Lenses For Flat Top Pole Fixtures.....	76.53
26 01 50 53-0005	EA	Replace 1' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	24.80
26 01 50 53-0006	EA	Replace 2' x 2' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	26.01
26 01 50 53-0007	EA	Replace 2' x 4' Diffuser With Prismatic Acrylic Diffuser, 0.125" Thick.....	31.29
26 01 50 53-0008	EA	Replace Slide-On Lampholder.....	10.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0009	EA	Replace Screw Mount Lampholder.....	10.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0010	EA	Replace Medium Bi-Pin Lampholder.....	12.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0011	EA	Replace Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	14.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0012	EA	Replace Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	16.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0013	EA	Replace Compact Twin-Tube Lampholder, Snap-in.....	12.07
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>2.58</i>
26 01 50 53-0014	EA	Replace Exterior Light Globes.....	49.63

26 05 Common Work Results For Electrical ⁽²⁶⁾
26 05 13 Medium-Voltage Cables ^(26 05)
26 05 13 00-0001 Wire And Cable ^(26 05 13)

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 00-0002 Wire Connections ^(26 05 13 00-0001)

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

26 05 13 00-0003	Medium Voltage Up To 5 KV <small>(26 05 13 00-0002)</small>		
26 05 13 00-0004	Shielded One Conductor Cable Splice <small>(26 05 13 00-0003)</small>		
26 05 13 00-0005	EA #6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	213.15	85.97
26 05 13 00-0006	EA #2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	249.01	85.97
26 05 13 00-0007	EA 1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	249.01	85.97
26 05 13 00-0008	EA 2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	274.59	103.16
26 05 13 00-0009	EA 3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	274.59	103.16
26 05 13 00-0010	EA 4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	274.59	103.16
26 05 13 00-0011	EA 250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	308.71	120.36
26 05 13 00-0012	EA 350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	308.71	120.36
26 05 13 00-0013	EA 500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV	308.71	120.36
26 05 13 00-0014	Cable Termination Without Stress Cone <small>(26 05 13 00-0003)</small>		
26 05 13 00-0015	EA #6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV	207.72	103.16
26 05 13 00-0016	EA 250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV	244.92	120.36
26 05 13 00-0017	Cable Termination With Stress Cone <small>(26 05 13 00-0003)</small>		
26 05 13 00-0018	EA #6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV	717.51	206.33
26 05 13 00-0019	EA 250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV	992.51	283.70
26 05 13 00-0020	Connect To Pothead, Pothead Included <small>(26 05 13 00-0003)</small>		
26 05 13 00-0021	EA #6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV	739.17	206.33
26 05 13 00-0022	EA 250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV	918.66	236.42
26 05 13 00-0023	Two Conductor Pothead <small>(26 05 13 00-0003)</small>		
	Note: Includes 5 KV pothead.		
26 05 13 00-0024	EA #6 To 4/0 AWG 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	703.59	283.70
26 05 13 00-0025	EA 250 To 350 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	912.11	361.07
26 05 13 00-0026	EA 400 To 700 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,229.16	409.38
26 05 13 00-0027	EA 750 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,776.00	477.65
26 05 13 00-0028	EA 1,000 MCM 2/c 5 KV Pothead (Included) Medium Voltage To 5 KV	3,074.41	716.39
26 05 13 00-0029	Three Conductor Pothead <small>(26 05 13 00-0003)</small>		
	Note: Includes 5 KV pothead.		
26 05 13 00-0030	EA #6 To 4/0 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	1,961.74	412.65
26 05 13 00-0031	EA 250 To 500 MCM 3/c 5 KV Pothead (Included) Medium Voltage To 5 KV	2,182.85	481.43
26 05 13 00-0032	Copper Cable Splice, Crimp Compression Connection <small>(26 05 13 00-0003)</small>		
	Note: For bare wire.		
26 05 13 00-0033	EA #6 AWG Crimp Compression Connection For Bare Copper Wire	53.13	
26 05 13 00-0034	EA #4 AWG Crimp Compression Connection For Bare Copper Wire	58.30	
26 05 13 00-0035	EA #3 AWG Crimp Compression Connection For Bare Copper Wire	68.00	
26 05 13 00-0036	EA #2 AWG Crimp Compression Connection For Bare Copper Wire	77.39	
26 05 13 00-0037	EA #1 AWG Crimp Compression Connection For Bare Copper Wire	87.21	
26 05 13 00-0038	EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire	96.86	
26 05 13 00-0039	EA 2/0 AWG Crimp Compression Connection For Bare Copper Wire	106.44	
26 05 13 00-0040	EA 3/0 AWG Crimp Compression Connection For Bare Copper Wire	116.32	
26 05 13 00-0041	EA 4/0 AWG Crimp Compression Connection For Bare Copper Wire	126.01	
26 05 13 00-0042	EA 250 MCM Crimp Compression Connection For Bare Copper Wire	135.84	
26 05 13 00-0043	EA 300 MCM Crimp Compression Connection For Bare Copper Wire	145.84	
26 05 13 00-0044	EA 350 MCM Crimp Compression Connection For Bare Copper Wire	155.43	
26 05 13 00-0045	EA 400 MCM Crimp Compression Connection For Bare Copper Wire	175.31	
26 05 13 00-0046	EA 500 MCM Crimp Compression Connection For Bare Copper Wire	195.59	
26 05 13 00-0047	Aluminum Cable Splice, Crimp Compression Connection <small>(26 05 13 00-0003)</small>		
	Note: For bare wire.		
26 05 13 00-0048	EA #6 AWG Crimp Compression Connection For Bare Aluminum Wire	53.91	
26 05 13 00-0049	EA #4 AWG Crimp Compression Connection For Bare Aluminum Wire	58.73	
26 05 13 00-0050	EA #2 AWG Crimp Compression Connection For Bare Aluminum Wire	78.80	
26 05 13 00-0051	EA #1 AWG Crimp Compression Connection For Bare Aluminum Wire	90.80	
26 05 13 00-0052	EA 1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	100.25	
26 05 13 00-0053	EA 2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	109.67	
26 05 13 00-0054	EA 3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	120.07	
26 05 13 00-0055	EA 4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	129.98	
26 05 13 00-0056	EA 250 MCM Crimp Compression Connection For Bare Aluminum Wire	139.71	
26 05 13 00-0057	EA 300 MCM Crimp Compression Connection For Bare Aluminum Wire	149.62	
26 05 13 00-0058	EA 350 MCM Crimp Compression Connection For Bare Aluminum Wire	159.40	
26 05 13 00-0059	EA 400 MCM Crimp Compression Connection For Bare Aluminum Wire	181.00	
26 05 13 00-0060	EA 500 MCM Crimp Compression Connection For Bare Aluminum Wire	202.70	
26 05 13 00-0061	15 KV <small>(26 05 13 00-0002)</small>		
26 05 13 00-0062	Single Conductor Pothead On Racks <small>(26 05 13 00-0061)</small>		
	Note: Includes pothead.		
26 05 13 00-0063	EA #2 To 4/0 AWG 1/c 15 KV Pothead (Included), On Racks	866.87	361.07
26 05 13 00-0064	EA 250 To 500 MCM 1/c 15 KV Pothead (Included), On Racks	1,094.93	447.04

26 Electrical**26 05 Common Work Results For Electrical****26 05 13 Medium-Voltage Cables**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 13 00-0065		Two Conductor Pothead On Rack (26 05 13 00-0061) Note: Includes pothead.			
26 05 13 00-0066	EA	#2 To 4/0 AWG 2/c 15 KV Pothead (Included), On Racks.....	1,305.08		550.21
26 05 13 00-0067	EA	250 To 500 MCM 2/c 15 KV Pothead (Included), On Racks.....	1,555.76		653.37
26 05 13 00-0068		Three Conductor Pothead On Rack (26 05 13 00-0061) Note: Includes pothead.			
26 05 13 00-0069	EA	#2 To 4/0 AWG 3/c 15 KV Pothead (Included), On Racks.....	1,681.62		713.55
26 05 13 00-0070	EA	250 To 500 MCM 3/c 15 KV Pothead (Included), On Racks.....	2,098.53		894.08
26 05 13 00-0071		Stress Relief Cone On Rack (26 05 13 00-0061)			
26 05 13 00-0072	EA	#2 To 4/0 AWG Stress Relief Cone, On Rack.....	840.70		361.07
26 05 13 00-0073	EA	250 To 500 MCM Stress Relief Cone, On Rack.....	1,065.51		447.04
26 05 13 00-0074		Grounded, Shielded Cable Splice (26 05 13 00-0061)			
26 05 13 00-0075	EA	#2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV.....	602.91		266.51
26 05 13 00-0076	EA	250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV.....	775.37		343.88
26 05 13 00-0077	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way.....	2,880.34		945.66
26 05 13 00-0078	EA	3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way.....	3,480.25		1,031.64
26 05 13 00-0079		Cable Termination (26 05 13 00-0061)			
26 05 13 00-0080	EA	#2 To 3/0 AWG Cable Termination 15 KV.....	368.42		150.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.27		
26 05 13 00-0081	EA	4/0 To 250 MCM Cable Termination 15 KV.....	469.49		193.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.06		
26 05 13 00-0082	EA	350 To 500 MCM Cable Termination 15 KV.....	577.99		236.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.85		
26 05 13 00-0083	EA	#2 To 3/0 AWG Cable Elbow Termination 15 KV.....	222.88		85.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.58		
26 05 13 00-0084		Stress Cones, 5-15 KV, 4 Skirted (26 05 13 00-0061)			
26 05 13 00-0085	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	374.45		111.76
26 05 13 00-0086	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	421.74		123.52
26 05 13 00-0087	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....	487.06		135.18
26 05 13 00-0088	EA	400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....	604.77		155.75
26 05 13 00-0089		Stress Cones, 5-15 KV, 6 Skirted (26 05 13 00-0061)			
26 05 13 00-0090	EA	#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	748.91		223.90
26 05 13 00-0091	EA	2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	843.54		247.04
26 05 13 00-0092	EA	4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....	964.11		265.33
26 05 13 00-0093	EA	400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....	1,209.54		311.48
26 05 13 00-0094		35 KV (26 05 13 00-0002)			
26 05 13 00-0095		35 KV One Conductor Splice (26 05 13 00-0094)			
26 05 13 00-0096	EA	Cable Splicing, #1 Stranded To 4/0 Stranded, 35 KV.....	1,498.53		
26 05 13 00-0097		Cable Termination (26 05 13 00-0094)			
26 05 13 00-0098	EA	#2 To 3/0 AWG Cable Termination 35 KV.....	287.96		103.25
26 05 13 00-0099	EA	3/0 AWG To 250 MCM Cable Termination 35 KV.....	411.20		155.78
26 05 13 00-0100	EA	350 To 500 MCM Cable Termination 35 KV.....	460.13		166.61
26 05 13 00-0101	EA	#2 To 3/0 AWG Cable Elbow Termination 35 KV.....	233.42		85.97
26 05 13 00-0102		70 KV (26 05 13 00-0002)			
26 05 13 00-0103		Cable Splice (26 05 13 00-0102)			
26 05 13 00-0104	EA	Cable Splicing, 350 MCM 70 KV.....	4,814.84		
26 05 13 00-0105	EA	Cable Splicing, #2 To 4/0 70 KV.....	1,525.00		
26 05 13 00-0106		5 KV Cable (26 05 13 00-0001)			
26 05 13 00-0107		Pulled In Duct, Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)			
26 05 13 00-0108	MLF	#6 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	2,414.91		659.18
26 05 13 00-0109	MLF	#4 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	2,836.33		719.76
26 05 13 00-0110	MLF	#2 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	3,368.31		813.22
26 05 13 00-0111	MLF	#1/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	4,351.36		1,001.92
26 05 13 00-0112	MLF	#2/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	4,951.38		1,128.26
26 05 13 00-0113	MLF	#3/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	6,028.70		1,252.33
26 05 13 00-0114	MLF	#4/0 AWG Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	6,785.00		1,407.12
26 05 13 00-0115	MLF	250 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor.....	8,016.01		1,565.48

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

26 05 13 00-0116	MLF 350 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	9,360.61	1,869.15
26 05 13 00-0117	MLF 500 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	11,742.97	2,197.14
26 05 13 00-0118	MLF 750 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	15,470.95	1,878.54
26 05 13 00-0119	MLF 1,000 MCM Cable, XLP, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	22,753.50	2,981.81

26 05 13 00-0120 Direct Burial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)

Note: Excludes excavation.

26 05 13 00-0121	MLF #6 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,332.52	
26 05 13 00-0122	MLF #4 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,602.42	
26 05 13 00-0123	MLF #2 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,900.73	
26 05 13 00-0124	MLF #1/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,566.92	
26 05 13 00-0125	MLF #2/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,851.02	
26 05 13 00-0126	MLF #3/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,772.59	
26 05 13 00-0127	MLF #4/0 AWG Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,141.92	
26 05 13 00-0128	MLF 250 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,135.43	
26 05 13 00-0129	MLF 350 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,803.09	
26 05 13 00-0130	MLF 500 MCM Cable, XLP, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	8,439.60	

26 05 13 00-0131 Aerial, Cross-Linked Polyethylene (XLP) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)

Note: Installed on poles.

26 05 13 00-0132	MLF #6 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	1,851.25	416.19
26 05 13 00-0133	MLF #4 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,199.63	446.25
26 05 13 00-0134	MLF #2 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	2,805.35	564.32
26 05 13 00-0135	MLF #1/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	3,631.32	685.07
26 05 13 00-0136	MLF #2/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	4,225.79	804.21
26 05 13 00-0137	MLF #3/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	5,293.80	919.70
26 05 13 00-0138	MLF #4/0 AWG Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	6,047.10	1,067.11
26 05 13 00-0139	MLF 250 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	7,599.76	1,342.49
26 05 13 00-0140	MLF 350 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	9,112.89	1,698.67
26 05 13 00-0141	MLF 500 MCM Cable, XLP, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	11,810.11	2,134.22

26 05 13 00-0142 5 KV Non-Shielded Single Copper Conductor (26 05 13 00-0106)

26 05 13 00-0143	MLF 1/0 5 KV Non-Shielded, Single Copper Conductor	5,201.32	1,313.66
26 05 13 00-0144	MLF 3/0 5 KV Non-Shielded, Single Copper Conductor	6,637.85	1,351.42
26 05 13 00-0145	MLF 4/0 5 KV Non-Shielded, Single Copper Conductor	6,904.10	1,381.29
26 05 13 00-0146	MLF 350 MCM 5 KV Non-Shielded, Single Copper Conductor	8,172.71	1,433.98
26 05 13 00-0147	MLF 500 MCM 5 KV Non-Shielded, Single Copper Conductor	11,425.75	1,502.84
26 05 13 00-0148	MLF 750 MCM 5 KV Non-Shielded, Single Copper Conductor	17,477.46	1,878.54
26 05 13 00-0149	MLF 1,000 MCM 5 KV Non-Shielded, Single Copper Conductor	20,321.02	2,504.75

26 05 13 00-0150 Placed In Duct, Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)

26 05 13 00-0151	MLF #6 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	2,552.98	659.18
26 05 13 00-0152	MLF #4 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,022.98	719.76
26 05 13 00-0153	MLF #2 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	3,608.66	813.22
26 05 13 00-0154	MLF #1 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,146.08	907.52
26 05 13 00-0155	MLF #1/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	4,683.75	1,001.92
26 05 13 00-0156	MLF #2/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	5,334.91	1,128.26
26 05 13 00-0157	MLF #3/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	6,550.31	1,252.33
26 05 13 00-0158	MLF #4/0 AWG Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	7,373.08	1,407.12
26 05 13 00-0159	MLF 250 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	8,754.44	1,565.48
26 05 13 00-0160	MLF 350 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	10,204.38	1,869.15
26 05 13 00-0161	MLF 500 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	12,868.00	2,197.14
26 05 13 00-0162	MLF 750 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	17,410.38	1,878.54
26 05 13 00-0163	MLF 1,000 MCM Cable, EPR, 5 KV, Placed In Conduit, Shielded, Single Copper Conductor	25,507.32	2,981.81

26 05 13 00-0164 Direct Burial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)

Note: Excludes excavation.

26 05 13 00-0165	MLF #6 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,470.60	
26 05 13 00-0166	MLF #4 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	2,789.07	
26 05 13 00-0167	MLF #2 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,141.07	
26 05 13 00-0168	MLF #1 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,520.54	
26 05 13 00-0169	MLF #1/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	3,899.31	
26 05 13 00-0170	MLF #2/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	4,234.55	
26 05 13 00-0171	MLF #3/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,294.20	
26 05 13 00-0172	MLF #4/0 AWG Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	5,730.00	
26 05 13 00-0173	MLF 250 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	6,873.86	
26 05 13 00-0174	MLF 350 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	7,646.86	
26 05 13 00-0175	MLF 500 MCM Cable, EPR, 5 KV, Direct Burial, Shielded, Single Copper Conductor, 133% Insulation	9,564.63	

26 05 13 00-0176 Aerial, Ethylene-Propylene Rubber (EPR) Insulated, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation (26 05 13 00-0106)

Note: Installed on poles.

26 05 13 00-0177	MLF #6 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation	1,989.32	416.19
------------------	---	----------	--------

26 Electrical**26 05 Common Work Results For Electrical****26 05 13 Medium-Voltage Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 13 00-0178	MLF #4 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	2,386.28	446.25
26 05 13 00-0179	MLF #2 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	3,045.70	564.32
26 05 13 00-0180	MLF #1 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	3,503.59	624.25
26 05 13 00-0181	MLF #1/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	3,963.71	685.07
26 05 13 00-0182	MLF #2/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	4,609.32	804.21
26 05 13 00-0183	MLF #3/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	5,815.41	919.70
26 05 13 00-0184	MLF #4/0 AWG Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	6,635.18	1,067.11
26 05 13 00-0185	MLF 250 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	8,338.19	1,342.49
26 05 13 00-0186	MLF 350 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	9,956.66	1,698.67
26 05 13 00-0187	MLF 500 MCM Cable, EPR, 5 KV, On Poles, Shielded, Single Copper Conductor, 133% Insulation.....	12,935.14	2,134.22
26 05 13 00-0188	15 KV Cable <small>(26 05 13 00-0001)</small>		
26 05 13 00-0189	Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0188)</small>		
26 05 13 00-0190	Placed In Duct, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0189)</small>		
26 05 13 00-0191	MLF #4 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,999.43	1,313.66
26 05 13 00-0192	MLF #2 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,348.36	1,313.66
26 05 13 00-0193	MLF #1 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,481.46	1,313.66
26 05 13 00-0194	MLF #1/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,915.04	1,313.66
26 05 13 00-0195	MLF #2/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,326.58	1,313.66
26 05 13 00-0196	MLF #3/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,161.21	1,371.24
26 05 13 00-0197	MLF #4/0 AWG, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,322.88	1,371.24
26 05 13 00-0198	MLF 250 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,361.74	1,433.98
26 05 13 00-0199	MLF 350 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	9,393.77	1,467.61
26 05 13 00-0200	MLF 500 MCM, Placed In Duct, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	11,496.32	1,653.11
26 05 13 00-0201	Direct Burial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0189)</small>		
	Note: Excludes excavation.		
26 05 13 00-0202	MLF #1 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,068.35	
26 05 13 00-0203	MLF #1/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,501.93	
26 05 13 00-0204	MLF #2/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,913.47	
26 05 13 00-0205	MLF #3/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,766.26	
26 05 13 00-0206	MLF #4/0 AWG, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,927.93	
26 05 13 00-0207	MLF 250 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,044.74	
26 05 13 00-0208	MLF 350 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,078.80	
26 05 13 00-0209	MLF 500 MCM, Direct Burial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation.....	9,993.50	
26 05 13 00-0210	Aerial, Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0189)</small>		
	Note: Installed on poles.		
26 05 13 00-0211	MLF #1 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	3,746.14	594.56
26 05 13 00-0212	MLF #1/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,415.56	685.07
26 05 13 00-0213	MLF #2/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,137.47	804.21
26 05 13 00-0214	MLF #3/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,129.21	919.70
26 05 13 00-0215	MLF #4/0 AWG, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,674.85	1,067.11
26 05 13 00-0216	MLF 250 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,013.13	1,242.25
26 05 13 00-0217	MLF 350 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	9,495.84	1,447.55
26 05 13 00-0218	MLF 500 MCM, Aerial, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	11,744.10	1,681.46
26 05 13 00-0219	Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0188)</small>		
26 05 13 00-0220	Placed In Duct, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0219)</small>		
26 05 13 00-0221	MLF #4 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,308.18	1,313.66
26 05 13 00-0222	MLF #2 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,719.92	1,313.66
26 05 13 00-0223	MLF #1 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,876.97	1,313.66
26 05 13 00-0224	MLF #1/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,388.60	1,313.66
26 05 13 00-0225	MLF #2/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,874.21	1,313.66
26 05 13 00-0226	MLF #3/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,833.18	1,371.24
26 05 13 00-0227	MLF #4/0 AWG, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	8,023.96	1,371.24
26 05 13 00-0228	MLF 250 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	9,221.56	1,433.98
26 05 13 00-0229	MLF 350 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	10,424.22	1,467.61
26 05 13 00-0230	MLF 500 MCM, Placed In Duct, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	12,821.76	1,653.11
26 05 13 00-0231	Direct Burial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 00-0219)</small>		
	Note: Excludes excavation.		
26 05 13 00-0232	MLF #1 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,463.87	
26 05 13 00-0233	MLF #1/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	4,975.49	
26 05 13 00-0234	MLF #2/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	5,461.10	
26 05 13 00-0235	MLF #3/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,438.24	
26 05 13 00-0236	MLF #4/0 AWG, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	6,629.00	
26 05 13 00-0237	MLF 250 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	7,902.05	
26 05 13 00-0238	MLF 350 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable.....	9,103.37	

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

26 05 13 00-0239 MLF 500 MCM, Direct Burial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable..... 11,318.93

26 05 13 00-0240 Aerial, Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable (26 05 13 00-0219)

Note: Installed on poles.

26 05 13 00-0241	MLF	#1 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,141.66	594.56
26 05 13 00-0242	MLF	#1/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	4,889.12	685.07
26 05 13 00-0243	MLF	#2/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	5,685.10	804.21
26 05 13 00-0244	MLF	#3/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	6,801.19	919.70
26 05 13 00-0245	MLF	#4/0 AWG, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	7,375.92	1,067.11
26 05 13 00-0246	MLF	250 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	8,872.94	1,242.25
26 05 13 00-0247	MLF	350 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	10,526.29	1,447.55
26 05 13 00-0248	MLF	500 MCM, Aerial, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable	13,069.53	1,681.46

26 05 13 00-0249 15 KV Non-Shielded Single Copper Conductor (26 05 13 00-0188)

26 05 13 00-0250	MLF	1/0 15 KV Non-Shielded, Single Copper Conductor	6,866.28	1,318.27
26 05 13 00-0251	MLF	3/0 15 KV Non-Shielded, Single Copper Conductor	8,742.98	1,381.29
26 05 13 00-0252	MLF	350 MCM 15 KV Non-Shielded, Single Copper Conductor	11,786.04	1,473.34

26 05 13 00-0253 Shielded, Armored Copper, 15 KV, 3 Conductor Cable (26 05 13 00-0188)

Note: Laid in cable tray or hung in vertical cable shaft.

26 05 13 00-0254 Galvanized Steel Interlocked Armor Cable (26 05 13 00-0253)

26 05 13 00-0255	LF	#2 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically.....	34.66	10.05
26 05 13 00-0256	LF	#1/0 AWG TC 3 Conductor 15 KV Galvanized Armored Shielded, Laid In Cable Tray Or Hung Vertically.....	40.75	10.71

26 05 13 00-0257 Aluminum Interlocked Armor Cable (26 05 13 00-0253)

26 05 13 00-0258	LF	#2 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically.....	34.66	10.05
26 05 13 00-0259	LF	#1/0 AWG TC 3 Conductor 15 KV Aluminum Armored Shielded, Laid In Cable Tray Or Hung Vertically.....	40.75	10.71

26 05 13 00-0260 Type URD, 15 KV Primary Concentric UD Cable (26 05 13 00-0188)

Note: 0.175" XLPE insulation, copper conductor.

26 05 13 00-0261	MLF	#4 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,479.78	659.18
26 05 13 00-0262	MLF	#2 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	2,924.03	719.76
26 05 13 00-0263	MLF	#1 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	3,481.25	813.22
26 05 13 00-0264	MLF	#1/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	4,500.89	999.20
26 05 13 00-0265	MLF	#2/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	5,123.14	1,124.88
26 05 13 00-0266	MLF	#3/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	6,273.80	1,252.33
26 05 13 00-0267	MLF	#4/0 AWG Cable, Type URD (XLPE), 15 KV, Placed In Conduit, Shielded, Single Conductor	7,048.20	1,401.86

26 05 13 00-0268 15 KV URD Cable Copper Direct Burial (26 05 13 00-0188)

26 05 13 00-0269	MLF	15 KV 3/C URD Cable Copper Direct Burial #6	10,801.13	
------------------	-----	---	-----------	--

26 05 13 00-0270 35 KV And 70 KV Cable (26 05 13 00-0001)

26 05 13 00-0271 35 KV, Shielded, Single Copper Conductor (26 05 13 00-0270)

26 05 13 00-0272	MLF	3/0 35 KV Shielded, Single Copper Conductor	12,129.30	2,190.31
------------------	-----	---	-----------	----------

26 05 13 00-0273 70 KV, Shielded, Single Copper Conductor (26 05 13 00-0270)

26 05 13 00-0274	MLF	350 MCM 70 KV Shielded, Single Copper Conductor	37,242.75	2,497.00
------------------	-----	---	-----------	----------

26 05 19 Low-Voltage Electrical Power Conductors And Cables (26 05)

26 05 19 13 Undercarpet Electrical Power Cables (26 05 19)

26 05 19 13-0001 Under Carpet Power System (26 05 19 13)

Note: Includes laying out, floor prep, taping, testing, drill floor, folds.

26 05 19 13-0002	LF	Cable Flat 3 Conductor #12 With Attached Bottom Shield	2.91	0.39
26 05 19 13-0003	LF	Top Shield, Steel	6.86	0.39
26 05 19 13-0004	EA	Splice, 3-Conductor	20.22	6.68
26 05 19 13-0005	EA	Splice Top Shield For 3 Conductor	6.85	3.15
26 05 19 13-0006	EA	Tap 3-Conductor	24.83	7.86
26 05 19 13-0007	EA	Insulating Patch, Splice Tap And End.....	34.07	6.68
26 05 19 13-0008	EA	Transition Block Assembly 3-conductor	21.87	3.93
26 05 19 13-0009	EA	Receptacles, Direct Connected Single, With Box	66.56	12.57
26 05 19 13-0010	EA	Receptacles, Direct Connected Dual, With Box	109.84	19.65
26 05 19 13-0011	EA	Box, Floor Mounted With Cover.....	106.24	15.72
26 05 19 13-0012	LF	5-Conductor #12 With Attached Bottom Shield.....	4.44	0.39
26 05 19 13-0013	LF	Shield, Top, Steel For 5 Conductor.....	4.40	0.39
26 05 19 13-0014	EA	Splice, 5 Conductor	20.42	6.68
26 05 19 13-0015	EA	Insulating Patch Splice Tap And End.....	27.88	3.93
26 05 19 13-0016	EA	Transition Block Assembly 5 Conductor	27.88	3.93
26 05 19 13-0017	EA	Box, Wall, Flush With Cover	54.91	15.72
26 05 19 13-0018	EA	Telephone Transition Fitting Wall Box	38.35	12.97
26 05 19 13-0019	EA	Telephone Fitting With Duplex Jack And Cover RJ-45	48.70	14.94
26 05 19 13-0020	EA	Telephone Miniature With Duplex RJ-45	20.52	5.89

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 19 13-0021	LF	Telephone 4-Pair Level 5 Under Carpet Wire.....	1.23		0.39
26 05 19 13-0022	EA	BNC Coax Connector Plug.....	19.00		7.86
26 05 19 13-0023	EA	TNC Connector Coax Plug.....	19.00		7.86
26 05 19 13-0024	CLF	Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	98.20		39.30
26 05 19 16 Low-Voltage, Single-And Multi-Conductor Cables (26 05 19)					
26 05 19 16-0001 Cable Installation Methods (26 05 19 16)					
26 05 19 16-0002 Pull Cord (26 05 19 16-0001)					
Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.					
26 05 19 16-0003	LF	Pull String Installed To Remain In Place, In Existing Conduit.....	0.27		
26 05 19 16-0004	LF	Pull String Installed To Remain In Place, In New Conduits.....	0.14		
26 05 19 16-0005	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit.....	0.60		
26 05 19 16-0006	LF	1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.35		
26 05 19 16-0007 Bore Conduit Into Dirt Or Sand (26 05 19 16-0001)					
Note: For installation under roads, driveways or other structures up to 20'.					
26 05 19 16-0008	LF	Bore 1" To 4" Conduit Into Dirt Or Sand.....	2.31		
26 05 19 16-0009	LF	Bore 5" To 8" Conduit Into Dirt Or Sand.....	2.95		
26 05 19 16-0010	EA	Boring Minimum Set-Up Charge.....	323.41		
Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.					
26 05 19 16-0011 Wire and Cable (26 05 19 16)					
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.					
26 05 19 16-0012 Multi-Conductor Cords, Cables And Associated Equipment (26 05 19 16-0011)					
26 05 19 16-0013 Multi-Conductor Cords (26 05 19 16-0012)					
Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.					
26 05 19 16-0014 Multi-Conductor Type SOOW And SJOOW Cord (26 05 19 16-0013)					
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.					
26 05 19 16-0015 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0014)					
26 05 19 16-0016 #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)					
26 05 19 16-0017	LF	2/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.93		0.34
26 05 19 16-0018	LF	3/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	0.97		0.34
26 05 19 16-0019	LF	4/c #18, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.11		0.34
26 05 19 16-0020 #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)					
26 05 19 16-0021	LF	2/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.07		0.34
26 05 19 16-0022	LF	3/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.16		0.34
26 05 19 16-0023	LF	4/c #16, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.28		0.34
26 05 19 16-0024 #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)					
26 05 19 16-0025	LF	2/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.23		0.34
26 05 19 16-0026	LF	3/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.36		0.34
26 05 19 16-0027	LF	4/c #14, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.62		0.34
26 05 19 16-0028 #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)					
26 05 19 16-0029	LF	2/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.45		0.34
26 05 19 16-0030	LF	3/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.61		0.34
26 05 19 16-0031	LF	4/c #12, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.84		0.34
26 05 19 16-0032 #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0015)					
26 05 19 16-0033	LF	2/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.93		0.43
26 05 19 16-0034	LF	3/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.04		0.43
26 05 19 16-0035	LF	4/c #10, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.21		0.43
26 05 19 16-0036 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0014)					
26 05 19 16-0037 #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0036)					
26 05 19 16-0038	LF	2/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	0.97		0.34
26 05 19 16-0039	LF	3/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.07		0.34
26 05 19 16-0040	LF	4/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.19		0.34
26 05 19 16-0041	LF	5/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.15		0.46
26 05 19 16-0042	LF	6/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.37		0.48
26 05 19 16-0043	LF	7/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.52		0.49
26 05 19 16-0044	LF	8/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.79		0.50
26 05 19 16-0045	LF	10/c #18, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.23		0.53

Table with 4 columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST

Table of electrical work results for #8 to #15, listing conductor sizes (12/c to 30/c) and unit costs.

26 05 19 16-0053 #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19)

Table of electrical work results for #16, listing conductor sizes (2/c to 30/c) and unit costs.

26 05 19 16-0071 #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19)

Table of electrical work results for #14, listing conductor sizes (2/c to 30/c) and unit costs.

26 05 19 16-0087 #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19)

Table of electrical work results for #12, listing conductor sizes (2/c to 30/c) and unit costs.

26 05 19 16-0106 #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19)

Table of electrical work results for #10, listing conductor sizes (2/c to 20/c) and unit costs.

26 05 19 16-0117 #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0036)

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0118	LF		3/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	3.91	0.51
26 05 19 16-0119	LF		4/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.26	0.60
26 05 19 16-0120	LF		5/c #8, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.91	0.60
26 05 19 16-0121			#6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0036)		
26 05 19 16-0122	LF		3/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.70	0.60
26 05 19 16-0123	LF		4/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.89	0.69
26 05 19 16-0124	LF		5/c #6, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.27	0.86
26 05 19 16-0125			#4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0036)		
26 05 19 16-0126	LF		3/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	9.16	0.86
26 05 19 16-0127	LF		4/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	10.07	0.94
26 05 19 16-0128	LF		5/c #4, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	12.19	1.03
26 05 19 16-0129			#2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0036)		
26 05 19 16-0130	LF		2/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	13.53	1.72
26 05 19 16-0131	LF		4/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	17.24	2.14
26 05 19 16-0132	LF		5/c #2, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	20.72	2.84
26 05 19 16-0133			300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (26 05 19 16-0014)		
26 05 19 16-0134			#18, 300 Volt, Multi-Conductor Type SJOOW Cord (26 05 19 16-0133)		
26 05 19 16-0135	LF		2/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.28	0.34
26 05 19 16-0136	LF		3/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.43	0.34
26 05 19 16-0137	LF		4/c #18, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.73	0.34
26 05 19 16-0138			#16, 300 Volt, Multi-Conductor Type SJOOW Cord (26 05 19 16-0133)		
26 05 19 16-0139	LF		2/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.37	0.34
26 05 19 16-0140	LF		3/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.61	0.34
26 05 19 16-0141	LF		4/c #16, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.72	0.34
26 05 19 16-0142			#14, 300 Volt, Multi-Conductor Type SJOOW Cord (26 05 19 16-0133)		
26 05 19 16-0143	LF		2/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	1.97	0.34
26 05 19 16-0144	LF		3/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	2.93	0.34
26 05 19 16-0145	LF		4/c #14, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III)	3.79	0.43
26 05 19 16-0146			600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0014)		
26 05 19 16-0147			#18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0146)		
26 05 19 16-0148	LF		2/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	1.89	0.34
26 05 19 16-0149	LF		3/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.30	0.34
26 05 19 16-0150	LF		4/c #18, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.72	0.34
26 05 19 16-0151			#16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0146)		
26 05 19 16-0152	LF		2/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.03	0.34
26 05 19 16-0153	LF		3/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.45	0.34
26 05 19 16-0154	LF		4/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.10	0.34
26 05 19 16-0155	LF		5/c #16, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.36	0.43
26 05 19 16-0156			#14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0146)		
26 05 19 16-0157	LF		3/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	2.55	0.34
26 05 19 16-0158	LF		4/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.08	0.34
26 05 19 16-0159	LF		5/c #14, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.45	0.43
26 05 19 16-0160			#12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0146)		
26 05 19 16-0161	LF		3/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.05	0.34
26 05 19 16-0162	LF		4/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.52	0.34
26 05 19 16-0163	LF		5/c #12, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.94	0.43
26 05 19 16-0164			#10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0146)		
26 05 19 16-0165	LF		3/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.51	0.43
26 05 19 16-0166	LF		4/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	3.93	0.43
26 05 19 16-0167	LF		5/c #10, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III)	4.34	0.43
26 05 19 16-0168			Multi-Conductor Type SEOW Cord (26 05 19 16-0013) Note: Includes thermoplastic elastomeric (TPE) insulation.		
26 05 19 16-0169			600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord (26 05 19 16-0168)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0170 #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>		
26 05 19 16-0171 LF 3/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.39	0.34
26 05 19 16-0172 LF 4/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.55	0.34
26 05 19 16-0173 LF 5/c #16, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.44	0.43
26 05 19 16-0174 #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>		
26 05 19 16-0175 LF 3/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.88	0.34
26 05 19 16-0176 LF 4/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.19	0.34
26 05 19 16-0177 LF 5/c #14, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.21	0.43
26 05 19 16-0178 #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>		
26 05 19 16-0179 LF 3/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.39	0.34
26 05 19 16-0180 LF 4/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.78	0.34
26 05 19 16-0181 LF 5/c #12, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.54	0.43
26 05 19 16-0182 #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0169)</small>		
26 05 19 16-0183 LF 3/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.06	0.43
26 05 19 16-0184 LF 4/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.54	0.43
26 05 19 16-0185 LF 5/c #10, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.80	0.43
26 05 19 16-0186 Multi-Conductor Type W Cord <small>(26 05 19 16-0013)</small>		
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0187 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0186)</small>		
26 05 19 16-0188 #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>		
26 05 19 16-0189 LF 3/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.31	0.51
26 05 19 16-0190 LF 4/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.63	0.60
26 05 19 16-0191 LF 5/c #8, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.52	0.60
26 05 19 16-0192 #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>		
26 05 19 16-0193 LF 3/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.62	0.60
26 05 19 16-0194 LF 4/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.51	0.69
26 05 19 16-0195 LF 5/c #6, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.87	0.86
26 05 19 16-0196 #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0187)</small>		
26 05 19 16-0197 LF 3/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.39	0.60
26 05 19 16-0198 LF 4/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	7.55	0.69
26 05 19 16-0199 LF 5/c #4, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	9.74	0.86
26 05 19 16-0200 Cord Grips, Cable Reels, Extension Cords, And Accessories <small>(26 05 19 16-0012)</small>		
26 05 19 16-0201 Cord Grips <small>(26 05 19 16-0200)</small>		
26 05 19 16-0202 EA Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel.....	53.93	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		15.63
26 05 19 16-0203 EA Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel.....	54.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		15.63
26 05 19 16-0204 Cable Reels <small>(26 05 19 16-0200)</small>		
Note: Includes handling, mounting, electrical connections and installing cord.		
26 05 19 16-0205 EA 30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A).....	513.02	42.98
26 05 19 16-0206 EA 50', 10-4, SEOW, Extension Cord Reel (Reelcraft L 7050 104 X 1).....	1,430.57	42.98
26 05 19 16-0207 EA 50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K).....	1,067.87	42.98
26 05 19 16-0208 Extension Cords <small>(26 05 19 16-0200)</small>		
26 05 19 16-0209 EA Extension Cord, 120 Volt 12/3, 100 Ft.....	86.30	
26 05 19 16-0210 EA Extension Cord, 240 Volt 10/3, 100 Ft.....	129.87	
26 05 19 16-0211 Plugs And Connector Bodies <small>(26 05 19 16-0200)</small>		
Note: Up to 277 volts.		
26 05 19 16-0212 NEMA Twist-Lock Plugs <small>(26 05 19 16-0211)</small>		
26 05 19 16-0213 EA 15 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C).....	60.21	
26 05 19 16-0214 EA 15 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	61.53	
26 05 19 16-0215 EA 20 Amp, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C).....	55.95	
26 05 19 16-0216 EA 20 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331).....	60.04	
26 05 19 16-0217 EA 20 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411).....	79.20	
26 05 19 16-0218 EA 20 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441).....	84.39	
26 05 19 16-0219 EA 20 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK).....	89.47	
26 05 19 16-0220 EA 30 Amp, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK).....	79.97	
26 05 19 16-0221 EA 30 Amp, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK).....	92.45	
26 05 19 16-0222 EA 30 Amp, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761).....	94.88	
26 05 19 16-0223 EA 30 Amp, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK).....	97.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0293 EA 3/4" Straight Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.60 5.16	8.60
26 05 19 16-0294 EA 3/4" Straight Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.10 3.87	6.44
26 05 19 16-0295 EA 3/4" 90 Degree Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.17 6.45	10.74
26 05 19 16-0296 EA 3/4" 90 Degree Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.54 5.16	8.60
26 05 19 16-0297 EA 3/4" Straight Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.22 7.74	12.90
26 05 19 16-0298 EA 3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.01 9.03	15.04
26 05 19 16-0299 EA 3/4" Straight Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.79 6.45	10.74
26 05 19 16-0300 EA 3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.56 7.74	12.90
26 05 19 16-0301 EA 1" Straight Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.21 5.16	8.60
26 05 19 16-0302 EA 1" Straight Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.41 3.87	6.44
26 05 19 16-0303 EA 1" 90 Degree Steel Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.86 6.45	10.74
26 05 19 16-0304 EA 1" 90 Degree Nylon Cord Connector..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.38 5.16	8.60
26 05 19 16-0305 EA 1" Straight Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.26 7.74	12.90
26 05 19 16-0306 EA 1" 90 Degree Steel Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.97 9.03	15.04
26 05 19 16-0307 EA 1" Straight Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.38 6.45	10.74
26 05 19 16-0308 EA 1" 90 Degree Nylon Cord Connector With Strain Relief Mesh..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.44 7.74	12.90
26 05 19 16-0309 ACSR (Aluminum Conductor Steel Reinforced) <small>(26 05 19 16-0011)</small> Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0310 ACSR Cable <small>(26 05 19 16-0309)</small>		
26 05 19 16-0311 MLF #4 AWG ACSR Cable Swan 6/1 Installed On Poles, Aluminum Cable.....	1,089.33	385.96
26 05 19 16-0312 MLF #4 AWG ACSR Cable Swanate 7/1 Installed On Poles, Aluminum Cable.....	1,144.99	400.77
26 05 19 16-0313 MLF #2 AWG ACSR Cable Sparrow 6/1 Installed On Poles, Aluminum Cable.....	1,214.41	416.19
26 05 19 16-0314 MLF #2 AWG ACSR Cable Sparate 7/1 Installed On Poles, Aluminum Cable.....	1,270.55	431.27
26 05 19 16-0315 MLF #1/0 AWG ACSR Cable Raven 6/1 Installed On Poles, Aluminum Cable.....	1,369.16	445.89
26 05 19 16-0316 MLF #2/0 AWG ACSR Cable Quail 6/1 Installed On Poles, Aluminum Cable.....	1,576.46	505.46
26 05 19 16-0317 MLF #3/0 AWG ACSR Cable Pigeon 6/1 Installed On Poles, Aluminum Cable.....	1,795.28	563.70
26 05 19 16-0318 MLF #4/0 AWG ACSR Cable Penguin 6/1 Installed On Poles, Aluminum Cable.....	2,030.58	622.73
26 05 19 16-0319 MLF #1 Bare Aluminum Wire.....	1,547.11	542.61
26 05 19 16-0320 MLF 336 AWG ACSR Cable Merlin 18/1 Installed On Pole, Aluminum Cable.....	2,473.51	800.29
26 05 19 16-0321 MLF 477 AWG ACSR Cable Hawk 26/1 Installed On Pole, Aluminum Cable.....	2,823.82	918.00
26 05 19 16-0322 All Aluminum Conductors <small>(26 05 19 16-0309)</small>		
26 05 19 16-0323 MLF 795.0 ACSR Conductor Aluminum.....	20,867.18	7,514.16
26 05 19 16-0324 600 Volt Wire <small>(26 05 19 16-0011)</small>		
26 05 19 16-0325 Single Solid Conductor, Copper <small>(26 05 19 16-0324)</small>		
26 05 19 16-0326 MLF #14 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit.....	452.45	190.75
26 05 19 16-0327 MLF #12 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit.....	560.90	224.39
26 05 19 16-0328 MLF #10 AWG Cable - Type THHN-THWN, 600 Volt Copper, Single Solid, Placed In Conduit.....	685.04	274.37
26 05 19 16-0329 MLF #14 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit.....	583.46	190.75
26 05 19 16-0330 MLF #12 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit.....	701.59	224.39
26 05 19 16-0331 MLF #10 AWG Cable - Type XHHW, 600 Volt Copper, Single Solid, Placed In Conduit.....	835.98	274.37
26 05 19 16-0332 Power Cable, Stranded Conductor, Copper <small>(26 05 19 16-0324)</small>		
26 05 19 16-0333 Power Cable, Stranded, Single Conductor, XHHW <small>(26 05 19 16-0332)</small>		
26 05 19 16-0334 MLF #16 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	468.26	157.19
26 05 19 16-0335 MLF #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	554.81	188.63
26 05 19 16-0336 MLF #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	674.96	220.07
26 05 19 16-0337 MLF #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	817.80	251.50
26 05 19 16-0338 MLF #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,076.30	314.38
26 05 19 16-0339 MLF #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,423.20	377.25
26 05 19 16-0340 MLF #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,919.20	471.57
26 05 19 16-0341 MLF #3 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,255.47	534.44
26 05 19 16-0342 MLF #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,647.57	597.32
26 05 19 16-0343 MLF #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,229.98	660.20
26 05 19 16-0344 MLF 1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,850.84	754.51
26 05 19 16-0345 MLF 2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	4,577.26	848.82
26 05 19 16-0346 MLF 3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	5,431.48	943.14
26 05 19 16-0347 MLF 4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,448.56	1,037.45
26 05 19 16-0348 MLF 250 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,854.93	1,131.76
26 05 19 16-0349 MLF 300 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	8,052.94	1,226.08
26 05 19 16-0350 MLF 350 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	8,598.74	1,320.39
26 05 19 16-0351 MLF 400 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit.....	9,577.84	1,414.70

26 Electrical

26 05 Common Work Results For Electrical

26 05 19 Low-Voltage Electrical Power Conductors And Cables



MINOR	DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 19 16-0352	MLF	500 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	11,006.83	1,509.02
26 05 19 16-0353	MLF	600 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	12,609.96	1,634.77
26 05 19 16-0354	MLF	750 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	18,737.27	1,823.40
26 05 19 16-0355	MLF	1,000 MCM Cable - XLP (XHHW), 600 Volt Copper, Single Stranded, Placed In Conduit	26,147.21	2,137.78
26 05 19 16-0356 Power Cable, Stranded, Multi Conductor, XHHW <small>(26 05 19 16-0352)</small>				
26 05 19 16-0357	MLF	2/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,109.62	377.17
26 05 19 16-0358	MLF	3/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,350.05	440.21
26 05 19 16-0359	MLF	4/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,669.15	534.44
26 05 19 16-0360	MLF	6/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,952.82	581.36
26 05 19 16-0361	MLF	7/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,091.51	612.96
26 05 19 16-0362	MLF	9/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,438.50	675.75
26 05 19 16-0363	MLF	10/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,844.06	704.36
26 05 19 16-0364	MLF	12/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,924.49	770.23
26 05 19 16-0365	MLF	14/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,209.17	817.55
26 05 19 16-0366	MLF	24/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	4,591.61	1,037.53
26 05 19 16-0367	MLF	37/c #14 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	6,931.09	1,540.46
26 05 19 16-0368	MLF	2/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,350.12	440.21
26 05 19 16-0369	MLF	3/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,710.59	534.44
26 05 19 16-0370	MLF	4/c #12 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,071.09	628.76
26 05 19 16-0371	MLF	2/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	1,792.17	565.64
26 05 19 16-0372	MLF	3/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,294.72	691.00
26 05 19 16-0373	MLF	4/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,957.18	880.42
26 05 19 16-0374	MLF	6/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,964.61	1,132.15
26 05 19 16-0375	MLF	9/c #10 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	5,316.87	1,446.22
26 05 19 16-0376	MLF	2/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,191.89	644.48
26 05 19 16-0377	MLF	3/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,757.32	754.51
26 05 19 16-0378	MLF	4/c #8 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,558.54	958.86
26 05 19 16-0379	MLF	2/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	2,767.86	723.07
26 05 19 16-0380	MLF	3/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,680.12	895.98
26 05 19 16-0381	MLF	4/c #6 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	4,682.82	1,105.04
26 05 19 16-0382	MLF	2/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	3,673.67	877.27
26 05 19 16-0383	MLF	3/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	4,729.40	1,003.42
26 05 19 16-0384	MLF	4/c #4 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	6,091.46	1,252.17
26 05 19 16-0385	MLF	2/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	4,979.97	1,068.57
26 05 19 16-0386	MLF	3/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	6,450.18	1,194.95
26 05 19 16-0387	MLF	4/c #2 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	8,546.83	1,571.89
26 05 19 16-0388	MLF	3/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	8,510.36	1,508.78
26 05 19 16-0389	MLF	4/c #1 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	11,031.62	1,885.48
26 05 19 16-0390	MLF	3/c #1/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	9,981.37	1,635.08
26 05 19 16-0391	MLF	3/c #2/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	12,079.27	1,885.48
26 05 19 16-0392	MLF	3/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	14,720.18	2,199.71
26 05 19 16-0393	MLF	4/c #3/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	19,365.04	2,828.23
26 05 19 16-0394	MLF	3/c #4/0 AWG Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	17,857.77	2,517.15
26 05 19 16-0395	MLF	3/c 250 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	19,147.01	2,828.23
26 05 19 16-0396	MLF	3/c 350 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	23,752.71	3,143.78
26 05 19 16-0397	MLF	3/c 500 MCM Cable - XLP (XHHW), 600 Volt Copper, Stranded, Placed In Conduit	30,340.80	3,455.18
26 05 19 16-0398 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper <small>(26 05 19 16-0324)</small>				
Note: Direct bury.				
26 05 19 16-0399	MLF	#14 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	602.09	
26 05 19 16-0400	MLF	#12 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	706.61	
26 05 19 16-0401	MLF	#10 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	860.80	
26 05 19 16-0402	MLF	#8 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,115.61	
26 05 19 16-0403	MLF	#6 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,497.05	
26 05 19 16-0404	MLF	#4 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	1,945.94	
26 05 19 16-0405	MLF	#2 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	2,725.97	
26 05 19 16-0406	MLF	#1 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	3,305.21	
26 05 19 16-0407	MLF	#1/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	3,996.88	
26 05 19 16-0408	MLF	#2/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	4,775.15	
26 05 19 16-0409	MLF	#3/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	5,673.20	
26 05 19 16-0410	MLF	#4/0 AWG Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	6,379.74	
26 05 19 16-0411	MLF	250 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	6,917.32	
26 05 19 16-0412	MLF	300 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	8,147.65	
26 05 19 16-0413	MLF	350 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	9,057.08	
26 05 19 16-0414	MLF	400 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	10,104.20	
26 05 19 16-0415	MLF	500 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	11,794.39	
26 05 19 16-0416	MLF	600 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	13,809.30	
26 05 19 16-0417	MLF	750 MCM Cable - Type USE, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuits	21,091.41	
26 05 19 16-0418	MLF	#14 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	711.88	
26 05 19 16-0419	MLF	#12 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	871.82	
26 05 19 16-0420	MLF	#10 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,080.02	
26 05 19 16-0421	MLF	#8 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,307.00	
26 05 19 16-0422	MLF	#6 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	1,762.75	
26 05 19 16-0423	MLF	#4 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	2,434.88	
26 05 19 16-0424	MLF	#2 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	3,435.38	
26 05 19 16-0425	MLF	#1 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,205.08	
26 05 19 16-0426	MLF	#1/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	4,738.25	
26 05 19 16-0427	MLF	#2/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	5,344.99	
26 05 19 16-0428	MLF	#3/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	6,341.68	
26 05 19 16-0429	MLF	#4/0 AWG Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	7,606.15	
26 05 19 16-0430	MLF	250 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	8,763.28	
26 05 19 16-0431	MLF	300 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	9,999.41	

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

26 05 19 16-0432	MLF	350 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	11,365.39	
26 05 19 16-0433	MLF	400 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	12,787.89	
26 05 19 16-0434	MLF	500 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	15,312.35	
26 05 19 16-0435	MLF	750 MCM Cable - XLP (XHHW), 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit	27,719.69	
26 05 19 16-0436	MLF	#14 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	464.28	
26 05 19 16-0437	MLF	#12 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	573.60	
26 05 19 16-0438	MLF	#10 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	703.43	
26 05 19 16-0439	MLF	#8 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	974.15	
26 05 19 16-0440	MLF	#6 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	1,305.67	
26 05 19 16-0441	MLF	#4 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	1,701.58	
26 05 19 16-0442	MLF	#2 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	2,406.00	
26 05 19 16-0443	MLF	#1 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	2,846.32	
26 05 19 16-0444	MLF	#1/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	3,309.64	
26 05 19 16-0445	MLF	#2/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	3,741.05	
26 05 19 16-0446	MLF	#3/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	4,399.65	
26 05 19 16-0447	MLF	#4/0 AWG Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	5,211.38	
26 05 19 16-0448	MLF	250 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	6,085.70	
26 05 19 16-0449	MLF	300 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	6,994.67	
26 05 19 16-0450	MLF	350 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	7,968.18	
26 05 19 16-0451	MLF	400 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	8,909.14	
26 05 19 16-0452	MLF	500 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	10,505.29	
26 05 19 16-0453	MLF	600 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	13,003.70	
26 05 19 16-0454	MLF	750 MCM Cable - Type THHN-THWN, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	19,491.90	
26 05 19 16-0455	MLF	#2 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	3,798.12	
26 05 19 16-0456	MLF	#1/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	5,428.35	
26 05 19 16-0457	MLF	#2/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	6,029.64	
26 05 19 16-0458	MLF	#3/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	6,843.70	
26 05 19 16-0459	MLF	#4/0 AWG Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	7,603.45	
26 05 19 16-0460	MLF	250 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	8,197.28	
26 05 19 16-0461	MLF	350 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	11,681.67	
26 05 19 16-0462	MLF	400 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	12,694.58	
26 05 19 16-0463	MLF	500 MCM Cable - Type EPR, 600 Volt Single Stranded Copper, Underground Feeder And Branch Circuit.....	14,453.20	

26 05 19 16-0464 600 Volt, Armored Cable, Copper Conductors (26 05 19 16-0324)
26 05 19 16-0465 ACTHH, Solid (26 05 19 16-0464)

26 05 19 16-0466	MLF	#8 AWG Cable - Type ACT, 1 Conductor, Solid	1,824.53	515.81
26 05 19 16-0467	MLF	#6 AWG Cable - Type ACT, 1 Conductor, Solid	2,103.46	584.59
26 05 19 16-0468	MLF	#4 AWG Cable - Type ACT, 1 Conductor, Solid	2,402.92	618.98
26 05 19 16-0469	MLF	#14 AWG Cable - Type ACTHH, 2 Conductors, Solid	2,640.50	859.69
26 05 19 16-0470	MLF	#12 AWG Cable - Type ACTHH, 2 Conductors, Solid	2,832.42	962.69
26 05 19 16-0471	MLF	#10 AWG Cable - Type ACTHH, 2 Conductors, Solid	3,573.79	1,066.62
26 05 19 16-0472	MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Solid	4,653.10	1,169.61
26 05 19 16-0473	MLF	#14 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,186.75	962.69
26 05 19 16-0474	MLF	#12 AWG Cable - Type ACTHH, 3 Conductors, Solid	3,343.16	1,066.62
26 05 19 16-0475	MLF	#10 AWG Cable - Type ACTHH, 3 Conductors, Solid	4,262.21	1,204.09
26 05 19 16-0476	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Solid	5,515.97	1,306.56
26 05 19 16-0477	MLF	#14 AWG Cable - Type ACTHH, 4 Conductors, Solid	3,793.40	1,066.62
26 05 19 16-0478	MLF	#12 AWG Cable - Type ACTHH, 4 Conductors, Solid	4,159.59	1,204.09
26 05 19 16-0479	MLF	#10 AWG Cable - Type ACTHH, 4 Conductors, Solid	5,277.60	1,341.20
26 05 19 16-0480	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Solid	6,822.41	1,444.89

26 05 19 16-0481 ACTHH, Stranded (26 05 19 16-0464)

26 05 19 16-0482	MLF	#8 AWG Cable - Type ACTHH, 2 Conductors, Stranded.....	4,825.85	1,238.73
26 05 19 16-0483	MLF	#6 AWG Cable - Type ACTHH, 2 Conductors, Stranded.....	5,878.35	1,409.30
26 05 19 16-0484	MLF	#8 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	5,688.43	1,375.51
26 05 19 16-0485	MLF	#6 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	7,123.00	1,546.25
26 05 19 16-0486	MLF	#4 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	8,999.59	1,719.39
26 05 19 16-0487	MLF	#3 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	10,341.54	1,889.44
26 05 19 16-0488	MLF	#2 AWG Cable - Type ACTHH, 3 Conductors, Stranded.....	11,844.14	2,061.63
26 05 19 16-0489	MLF	#8 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	7,335.46	1,650.10
26 05 19 16-0490	MLF	#6 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	8,870.74	1,821.35
26 05 19 16-0491	MLF	#4 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	11,391.41	1,994.66
26 05 19 16-0492	MLF	#3 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	12,482.82	2,165.48
26 05 19 16-0493	MLF	#2 AWG Cable - Type ACTHH, 4 Conductors, Stranded.....	14,797.22	2,336.13

26 05 19 16-0494 HCFC, Solid (26 05 19 16-0464)

26 05 19 16-0495	MLF	#14 AWG Cable - Type HCF, 2 Conductors, Solid	2,949.07	859.69
26 05 19 16-0496	MLF	#12 AWG Cable - Type HCF, 2 Conductors, Solid	3,230.43	965.95
26 05 19 16-0497	MLF	#10 AWG Cable - Type HCF, 2 Conductors, Solid	3,609.72	1,061.38
26 05 19 16-0498	MLF	#14 AWG Cable - Type HCF, 3 Conductors, Solid	3,570.48	965.95
26 05 19 16-0499	MLF	#12 AWG Cable - Type HCF, 3 Conductors, Solid	3,832.24	1,061.38
26 05 19 16-0500	MLF	#10 AWG Cable - Type HCF, 3 Conductors, Solid	5,001.68	1,210.88
26 05 19 16-0501	MLF	#14 AWG Cable - Type HCF, 4 Conductors, Solid	4,379.61	1,061.38
26 05 19 16-0502	MLF	#12 AWG Cable - Type HCF, 4 Conductors, Solid	4,788.22	1,210.88
26 05 19 16-0503	MLF	#10 AWG Cable - Type HCF, 4 Conductors, Solid	6,527.40	1,343.27

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0504			MC, Solid Or Stranded, Galvanized Steel Armor (26 05 19 16-0464)		
26 05 19 16-0505	MLF		#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,665.63	859.69
26 05 19 16-0506	MLF		#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	2,976.51	965.95
26 05 19 16-0507	MLF		#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,592.51	1,061.38
26 05 19 16-0508	MLF		#8 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,626.93	1,134.20
26 05 19 16-0509	MLF		#6 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,791.68	1,202.36
26 05 19 16-0510	MLF		#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,082.73	965.95
26 05 19 16-0511	MLF		#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,482.35	1,061.38
26 05 19 16-0512	MLF		#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,445.44	1,210.88
26 05 19 16-0513	MLF		#8 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	5,816.60	1,306.56
26 05 19 16-0514	MLF		#6 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,819.96	1,409.30
26 05 19 16-0515	MLF		#4 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,474.06	1,513.58
26 05 19 16-0516	MLF		#2 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Galvanized Steel Armor	10,908.60	1,615.97
26 05 19 16-0517	MLF		#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	3,582.87	1,061.38
26 05 19 16-0518	MLF		#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	4,105.31	1,210.88
26 05 19 16-0519	MLF		#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	6,277.94	1,343.27
26 05 19 16-0520	MLF		#8 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	8,568.02	1,479.70
26 05 19 16-0521	MLF		#6 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	10,506.89	1,583.22
26 05 19 16-0522	MLF		#4 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	13,928.21	1,685.69
26 05 19 16-0523	MLF		#2 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Galvanized Steel Armor	18,055.71	1,787.31
26 05 19 16-0524			MC, Solid Or Stranded, Aluminum Armor (26 05 19 16-0464)		
26 05 19 16-0525	MLF		#14 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	2,642.77	859.69
26 05 19 16-0526	MLF		#12 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	2,917.23	965.95
26 05 19 16-0527	MLF		#10 AWG Cable - Type MC, 2 Conductors, Solid Or Stranded, Aluminum Armor	3,540.09	1,061.38
26 05 19 16-0528	MLF		#14 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,178.20	965.95
26 05 19 16-0529	MLF		#12 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	3,429.69	1,061.38
26 05 19 16-0530	MLF		#10 AWG Cable - Type MC, 3 Conductors, Solid Or Stranded, Aluminum Armor	4,403.80	1,210.88
26 05 19 16-0531	MLF		#14 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,036.74	1,061.38
26 05 19 16-0532	MLF		#12 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	4,434.27	1,210.88
26 05 19 16-0533	MLF		#10 AWG Cable - Type MC, 4 Conductors, Solid Or Stranded, Aluminum Armor	6,277.94	1,343.27
26 05 19 16-0534			FPLP Solid TFN Red Armored Cable (26 05 19 16-0464)		
			Note: Color coded red.		
26 05 19 16-0535	MLF		#18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,480.64	653.37
26 05 19 16-0536	MLF		#18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	2,824.40	756.53
26 05 19 16-0537	MLF		#18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,461.74	859.69
26 05 19 16-0538	MLF		#18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,958.87	962.86
26 05 19 16-0539	MLF		#16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	2,829.99	756.53
26 05 19 16-0540	MLF		#16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	3,327.64	859.69
26 05 19 16-0541	MLF		#16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,119.89	962.86
26 05 19 16-0542	MLF		#16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,671.89	1,066.02
26 05 19 16-0543			FPLP Solid THHN Red Armored Cable (26 05 19 16-0464)		
			Note: Color coded red.		
26 05 19 16-0544	MLF		#14/2 With #14 Ground Type THHN FPLP Red Armored Cable	3,153.42	859.69
26 05 19 16-0545	MLF		#14/4 With #14 Ground Type THHN FPLP Red Armored Cable	3,862.87	962.86
26 05 19 16-0546	MLF		#14/6 With #14 Ground Type THHN FPLP Red Armored Cable	5,031.00	1,066.02
26 05 19 16-0547	MLF		#14/8 With #14 Ground Type THHN FPLP Red Armored Cable	5,799.38	1,169.18
26 05 19 16-0548	MLF		#12/2 With #12 Ground Type THHN FPLP Red Armored Cable	3,916.71	962.86
26 05 19 16-0549	MLF		#12/4 With #12 Ground Type THHN FPLP Red Armored Cable	4,735.89	1,066.02
26 05 19 16-0550			FPLP Twisted Shielded Pair Red Armored Cable (26 05 19 16-0464)		
			Note: Color coded red.		
26 05 19 16-0551	MLF		#18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	2,663.50	653.37
26 05 19 16-0552	MLF		#18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,225.54	962.86
26 05 19 16-0553	MLF		#16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	3,252.08	756.53
26 05 19 16-0554	MLF		#16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	3,824.40	859.69
26 05 19 16-0555	MLF		#16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,252.96	1,066.02
26 05 19 16-0556	MLF		#14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	3,813.34	894.08
26 05 19 16-0557	MLF		#14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	4,674.30	1,031.64
26 05 19 16-0558			Armored Cable Connectors (26 05 19 16-0464)		
26 05 19 16-0559	EA		3/4" Armored Cable Connector	5.09	1.88
			For Work In Restricted Working Space, Add	1.41	
			For Installation Above 14', Add	0.71	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.41	
26 05 19 16-0560	EA		1" Armored Cable Connector	6.01	2.21
			For Work In Restricted Working Space, Add	1.65	
			For Installation Above 14', Add	0.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.65	
26 05 19 16-0561	EA		1-1/4" Armored Cable Connector	8.53	3.15
			For Work In Restricted Working Space, Add	2.36	
			For Installation Above 14', Add	1.18	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.36	
26 05 19 16-0562			600 Volt, Feeder Wire, Single Stranded Copper (26 05 19 16-0324)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0563 MLF #14 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	606.55 20.25 47.24	125.99
26 05 19 16-0564 MLF #12 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	687.76 20.64 48.16	139.51
26 05 19 16-0565 MLF #10 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	829.65 30.13 70.31	174.40
26 05 19 16-0566 MLF #8 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	1,116.21 49.54 115.59	277.44
26 05 19 16-0567 MLF #6 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	1,498.10 83.24 194.24	332.92
26 05 19 16-0568 MLF #4 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	2,018.51 125.94 293.86	386.53
26 05 19 16-0569 MLF #3 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	2,301.01 144.74 337.72	442.41
26 05 19 16-0570 MLF #2 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	2,856.91 204.54 477.26	498.29
26 05 19 16-0571 MLF #1 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	3,492.95 276.37 644.86	554.95
26 05 19 16-0572 MLF #1/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	4,187.37 345.17 805.39	626.08
26 05 19 16-0573 MLF #2/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	5,014.60 433.88 1,012.39	694.30
26 05 19 16-0574 MLF #3/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	5,972.42 542.19 1,265.10	775.10
26 05 19 16-0575 MLF #4/0 AWG Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	6,721.47 619.18 1,444.74	861.78
26 05 19 16-0576 MLF 250 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	7,173.48 651.61 1,520.42	945.18
26 05 19 16-0577 MLF 300 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	8,401.17 800.40 1,867.59	1,039.02
26 05 19 16-0578 MLF 350 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	9,344.20 906.48 2,115.13	1,101.50
26 05 19 16-0579 MLF 400 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	10,431.77 1,034.25 2,413.26	1,231.11
26 05 19 16-0580 MLF 500 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	11,857.62 1,212.76 2,829.78	1,369.19
26 05 19 16-0581 MLF 600 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	13,806.71 1,457.97 3,401.93	1,424.53
26 05 19 16-0582 MLF 750 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	21,916.02 2,603.63 6,075.14	1,479.78
26 05 19 16-0583 MLF 1,000 MCM Cable - XLPE-USE-RHH-RHW 600 Volt Copper, Single Stranded, Placed In Conduit..... <i>For EPR Insulation, Add</i> <i>For Hypalon (CSPE) Jacket, Add</i>	27,393.65 3,378.12 7,882.28	1,581.17
26 05 19 16-0584 MLF #16 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,043.13	282.78
26 05 19 16-0585 MLF #14 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,284.72	314.38
26 05 19 16-0586 MLF #12 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,603.79	377.57
26 05 19 16-0587 MLF #10 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,897.83	439.97
26 05 19 16-0588 MLF #8 AWG Cable Type SFF-2 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,735.40	471.10
26 05 19 16-0589 MLF #18 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit.....	354.83	157.19
26 05 19 16-0590 MLF #16 AWG Cable - Type TFFN 600 Volt Copper, Single Stranded, Placed In Conduit.....	442.75	172.91
26 05 19 16-0591 MLF #14 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	464.28	126.06
26 05 19 16-0592 MLF #12 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	573.60	150.27
26 05 19 16-0593 MLF #10 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	703.45	189.02
26 05 19 16-0594 MLF #8 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	974.15	249.15
26 05 19 16-0595 MLF #6 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,305.67	300.86
26 05 19 16-0596 MLF #4 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	1,701.58	355.56
26 05 19 16-0597 MLF #3 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,025.24	402.49
26 05 19 16-0598 MLF #2 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,406.00	450.74
26 05 19 16-0599 MLF #1 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	2,846.32	508.66
26 05 19 16-0600 MLF #1/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,309.64	557.00
26 05 19 16-0601 MLF #2/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	3,741.05	615.55
26 05 19 16-0602 MLF #3/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	4,399.65	651.07
26 05 19 16-0603 MLF #4/0 AWG Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	5,211.39	732.50
26 05 19 16-0604 MLF 250 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,085.70	779.26
26 05 19 16-0605 MLF 300 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	6,994.67	882.54
26 05 19 16-0606 MLF 350 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	7,968.20	976.70
26 05 19 16-0607 MLF 400 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	8,909.15	1,003.42
26 05 19 16-0608 MLF 500 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	10,505.29	1,061.58
26 05 19 16-0609 MLF 600 MCM Cable - Type THHN-THWN 600 Volt Copper, Single Stranded, Placed In Conduit.....	12,925.11	1,249.26

	MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0691			MLF 750 MCM Cable - XLPE-USE 600 Volt Aluminum, Single Stranded, Placed In Conduit	5,293.33	1,478.28
26 05 19 16-0692			Non-Metallic Sheathed Cable (26 05 19 16-0324)		
26 05 19 16-0693			Indoor Installation (26 05 19 16-0692) Note: For NM, NM-B, NMC-B and NMS-B.		
26 05 19 16-0694			MLF #14-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	1,741.40 223.96	597.24
26 05 19 16-0695			MLF #14-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	2,145.05 271.16	723.07
26 05 19 16-0696			MLF #12-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	1,931.58 241.68	679.05
26 05 19 16-0697			MLF #12-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	2,380.90 282.89	754.35
26 05 19 16-0698			MLF #10-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	2,416.23 283.04	754.74
26 05 19 16-0699			MLF #10-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	2,968.62 330.15	880.42
26 05 19 16-0700			MLF #8-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	3,092.09 321.85	903.84
26 05 19 16-0701			MLF #8-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	4,022.25 389.04	1,092.47
26 05 19 16-0702			MLF #6-2 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	3,726.74 365.46	1,029.59
26 05 19 16-0703			MLF #6-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	4,812.49 442.09	1,241.80
26 05 19 16-0704			MLF #4-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	6,266.78 486.30	1,367.55
26 05 19 16-0705			MLF #2-3 With Ground Cable, Type NM, 600 Volt Copper, Non-Metallic Sheathed Cable For Installation In Wood Stud Wall (Includes Drilling), Add	8,763.44 530.51	1,485.44
26 05 19 16-0706			Direct Burial Cable (26 05 19 16-0692) Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0707			MLF #14-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	1,796.15	
26 05 19 16-0708			MLF #14-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,272.88	
26 05 19 16-0709			MLF #12-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,264.37	
26 05 19 16-0710			MLF #12-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,645.24	
26 05 19 16-0711			MLF #10-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	2,482.38	
26 05 19 16-0712			MLF #10-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,115.87	
26 05 19 16-0713			MLF #8-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	3,262.86	
26 05 19 16-0714			MLF #8-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	4,100.49	
26 05 19 16-0715			MLF #6-2 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	4,152.84	
26 05 19 16-0716			MLF #6-3 With Ground Cable, Type UF 600 Volt Copper, Direct Burial Non-Metallic Cable - Excludes Trenching	4,938.88	
26 05 19 16-0717			SEU Cable Copper, 3 Conductor (26 05 19 16-0692)		
26 05 19 16-0718			MLF 12-12-12 Cable SEU Copper	2,201.57	756.79
26 05 19 16-0719			MLF 10-10-10 Cable SEU Copper	2,702.78	859.69
26 05 19 16-0720			MLF 8-8-8 Cable SEU Copper.....	3,291.54	962.69
26 05 19 16-0721			MLF 6-6-8 Cable SEU Copper.....	3,888.01	1,032.07
26 05 19 16-0722			MLF 6-6-6 Cable SEU Copper.....	4,153.38	1,066.62
26 05 19 16-0723			MLF 4-4-6 Cable SEU Copper.....	4,976.23	1,169.61
26 05 19 16-0724			MLF 4-4-4 Cable SEU Copper.....	5,324.57	1,204.09
26 05 19 16-0725			MLF 3-3-5 Cable SEU Copper.....	6,136.33	1,306.56
26 05 19 16-0726			MLF 3-3-3 Cable SEU Copper.....	6,509.73	1,375.51
26 05 19 16-0727			MLF 2-2-4 Cable SEU Copper.....	6,937.90	1,444.89
26 05 19 16-0728			MLF 2-2-2 Cable SEU Copper.....	7,396.95	1,513.58
26 05 19 16-0729			MLF 1-1-1 Cable SEU Copper.....	8,966.31	1,719.39
26 05 19 16-0730			MLF 1/0-1/0-1/0 Cable SEU Copper	10,592.44	1,927.61
26 05 19 16-0731			MLF 2/0-2/0-2/0 Cable SEU Copper.....	12,656.46	2,170.98
26 05 19 16-0732			MLF 3/0-3/0-3/0 Cable SEU Copper.....	15,097.64	2,414.88
26 05 19 16-0733			MLF 4/0-4/0-4/0 Cable SEU Copper	16,869.95	2,694.96
26 05 19 16-0734			SEU Cable Aluminum, 3 Conductor (26 05 19 16-0692)		
26 05 19 16-0735			MLF 8-8-8 Cable SEU Aluminum.....	2,822.60	965.95
26 05 19 16-0736			MLF 6-6-6 Cable SEU Aluminum.....	3,177.59	1,061.38
26 05 19 16-0737			MLF 4-4-6 Cable SEU Aluminum.....	3,538.19	1,161.79
26 05 19 16-0738			MLF 4-4-4 Cable SEU Aluminum.....	3,699.19	1,210.88
26 05 19 16-0739			MLF 2-2-4 Cable SEU Aluminum.....	4,409.97	1,432.85
26 05 19 16-0740			MLF 2-2-2 Cable SEU Aluminum.....	4,668.49	1,508.24
26 05 19 16-0741			MLF 1-1-1 Cable SEU Aluminum.....	5,515.25	1,719.39
26 05 19 16-0742			MLF 1/0-1/0-2 Cable SEU Aluminum.....	5,827.97	1,809.91
26 05 19 16-0743			MLF 1/0-1/0-1/0 Cable SEU Aluminum.....	6,793.54	1,910.41
26 05 19 16-0744			MLF 2/0-2/0-1 Cable SEU Aluminum.....	6,583.57	2,046.94
26 05 19 16-0745			MLF 2/0-2/0-2/0 Cable SEU Aluminum.....	6,941.76	2,149.24
26 05 19 16-0746			MLF 3/0-3/0-1/0 Cable SEU Aluminum.....	7,471.12	2,250.51
26 05 19 16-0747			MLF 3/0-3/0-3/0 Cable SEU Aluminum.....	7,973.20	2,388.06
26 05 19 16-0748			MLF 4/0-4/0-2/0 Cable SEU Aluminum.....	8,478.38	2,581.66
26 05 19 16-0749			MLF 4/0-4/0-4/0 Cable SEU Aluminum.....	8,914.23	2,686.55
26 05 19 16-0750			SER Cable Copper, 4 Conductor (26 05 19 16-0692)		
26 05 19 16-0751			MLF 6-6-6-6 Cable SER Copper.....	6,120.06	1,238.73

26 Electrical

26 05 Common Work Results For Electrical

26 05 19 Low-Voltage Electrical Power Conductors And Cables



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0752	MLF		4-4-4-6 Cable SER Copper.....	7,710.17	1,341.20
26 05 19 16-0753	MLF		3-3-3-5 Cable SER Copper.....	9,009.28	1,513.58
26 05 19 16-0754	MLF		2-2-2-4 Cable SER Copper.....	10,433.99	1,650.10
26 05 19 16-0755	MLF		1-1-1-3 Cable SER Copper.....	12,623.30	1,889.44
26 05 19 16-0756	MLF		1/0-1/0-1/0-2 Cable SER Copper.....	15,889.05	2,165.48
26 05 19 16-0757	MLF		2/0-2/0-2/0-1 Cable SER Copper.....	18,800.04	2,336.13
26 05 19 16-0758	MLF		3/0-3/0-3/0-1/0 Cable SER Copper.....	22,531.64	2,613.04
26 05 19 16-0759			Control Tray Cable, Low Voltage (26 05 19 16-0011)		
			Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0760	MLF		2 Conductor #18 AWG, Stranded, Type TC Control Cable.....	810.84	381.26
			For Installation On Exposed Surface, Deduct	-127.09	
26 05 19 16-0761	MLF		3 Conductor #18 AWG, Stranded, Type TC Control Cable.....	936.34	426.49
			For Installation On Exposed Surface, Deduct	-142.16	
26 05 19 16-0762	MLF		4 Conductor #18 AWG, Stranded, Type TC Control Cable.....	982.28	426.46
			For Installation On Exposed Surface, Deduct	-142.16	
26 05 19 16-0763	MLF		5 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,229.79	534.90
			For Installation On Exposed Surface, Deduct	-178.30	
26 05 19 16-0764	MLF		7 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,549.95	651.82
			For Installation On Exposed Surface, Deduct	-217.27	
26 05 19 16-0765	MLF		9 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,770.98	716.79
			For Installation On Exposed Surface, Deduct	-238.93	
26 05 19 16-0766	MLF		12 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,109.15	814.45
			For Installation On Exposed Surface, Deduct	-271.48	
26 05 19 16-0767	MLF		15 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,669.82	995.48
			For Installation On Exposed Surface, Deduct	-331.83	
26 05 19 16-0768	MLF		19 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,054.60	1,086.02
			For Installation On Exposed Surface, Deduct	-362.01	
26 05 19 16-0769	MLF		25 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,629.06	1,119.97
			For Installation On Exposed Surface, Deduct	-373.32	
26 05 19 16-0770	MLF		30 Conductor #18 AWG, Stranded, Type TC Control Cable.....	4,449.33	1,399.14
			For Installation On Exposed Surface, Deduct	-466.38	
26 05 19 16-0771	MLF		37 Conductor #18 AWG, Stranded, Type TC Control Cable.....	5,339.70	1,635.16
			For Installation On Exposed Surface, Deduct	-545.05	
26 05 19 16-0772	MLF		2 Conductor #16 AWG, Stranded, Type TC Control Cable.....	888.10	401.61
			For Installation On Exposed Surface, Deduct	-133.77	
26 05 19 16-0773	MLF		3 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,030.13	448.93
			For Installation On Exposed Surface, Deduct	-149.64	
26 05 19 16-0774	MLF		4 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,200.72	516.84
			For Installation On Exposed Surface, Deduct	-172.28	
26 05 19 16-0775	MLF		5 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,361.27	563.05
			For Installation On Exposed Surface, Deduct	-187.68	
26 05 19 16-0776	MLF		7 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,723.03	686.13
			For Installation On Exposed Surface, Deduct	-228.71	
26 05 19 16-0777	MLF		9 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,977.95	754.51
			For Installation On Exposed Surface, Deduct	-251.50	
26 05 19 16-0778	MLF		12 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,368.54	857.31
			For Installation On Exposed Surface, Deduct	-285.77	
26 05 19 16-0779	MLF		15 Conductor #16 AWG, Stranded, Type TC Control Cable.....	3,009.74	1,047.83
			For Installation On Exposed Surface, Deduct	-349.28	
26 05 19 16-0780	MLF		19 Conductor #16 AWG, Stranded, Type TC Control Cable.....	3,460.84	1,143.08
			For Installation On Exposed Surface, Deduct	-381.03	
26 05 19 16-0781	MLF		25 Conductor #16 AWG, Stranded, Type TC Control Cable.....	4,167.92	1,178.92
			For Installation On Exposed Surface, Deduct	-392.97	
26 05 19 16-0782	MLF		30 Conductor #16 AWG, Stranded, Type TC Control Cable.....	5,101.30	1,472.71
			For Installation On Exposed Surface, Deduct	-490.90	
26 05 19 16-0783	MLF		37 Conductor #16 AWG, Stranded, Type TC Control Cable.....	6,136.74	1,721.22
			For Installation On Exposed Surface, Deduct	-573.74	
26 05 19 16-0784	MLF		2 Conductor #14 AWG, Stranded, Type TC Control Cable.....	964.95	419.22
			For Installation On Exposed Surface, Deduct	-139.74	
26 05 19 16-0785	MLF		3 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,156.61	471.57
			For Installation On Exposed Surface, Deduct	-157.19	
26 05 19 16-0786	MLF		4 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,357.74	539.01
			For Installation On Exposed Surface, Deduct	-179.67	
26 05 19 16-0787	MLF		5 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,531.31	580.50
			For Installation On Exposed Surface, Deduct	-193.50	
26 05 19 16-0788	MLF		7 Conductor #14 AWG, Stranded, Type TC Control Cable.....	2,047.37	711.59
			For Installation On Exposed Surface, Deduct	-237.20	
26 05 19 16-0789	MLF		9 Conductor #14 AWG, Stranded, Type TC Control Cable.....	2,364.72	785.95
			For Installation On Exposed Surface, Deduct	-262.04	
26 05 19 16-0790	MLF		12 Conductor #14 AWG, Stranded, Type TC Control Cable.....	2,913.16	877.11
			For Installation On Exposed Surface, Deduct	-292.37	
26 05 19 16-0791	MLF		15 Conductor #14 AWG, Stranded, Type TC Control Cable.....	3,479.59	1,047.67
			For Installation On Exposed Surface, Deduct	-349.28	
26 05 19 16-0792	MLF		19 Conductor #14 AWG, Stranded, Type TC Control Cable.....	5,954.35	1,217.43
			For Installation On Exposed Surface, Deduct	-405.71	
26 05 19 16-0793	MLF		25 Conductor #14 AWG, Stranded, Type TC Control Cable.....	5,233.60	1,423.35
			For Installation On Exposed Surface, Deduct	-474.55	
26 05 19 16-0794	MLF		30 Conductor #14 AWG, Stranded, Type TC Control Cable.....	6,091.83	1,590.60
			For Installation On Exposed Surface, Deduct	-530.20	
26 05 19 16-0795	MLF		37 Conductor #14 AWG, Stranded, Type TC Control Cable.....	7,346.64	1,858.91
			For Installation On Exposed Surface, Deduct	-619.64	
26 05 19 16-0796	MLF		2 Conductor #12 AWG, Stranded, Type TC Control Cable.....	1,129.32	448.93
			For Installation On Exposed Surface, Deduct	-149.64	
26 05 19 16-0797	MLF		3 Conductor #12 AWG, Stranded, Type TC Control Cable.....	1,354.87	496.72
			For Installation On Exposed Surface, Deduct	-165.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0798 MLF 4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,652.12 -190.51	571.54
26 05 19 16-0799 MLF 5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,875.25 -202.77	608.33
26 05 19 16-0800 MLF 7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,482.58 -241.76	725.27
26 05 19 16-0801 MLF 9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,068.09 -285.77	857.31
26 05 19 16-0802 MLF 12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,741.93 -322.39	967.19
26 05 19 16-0803 MLF 15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,459.58 -369.87	1,109.60
26 05 19 16-0804 MLF 19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,280.61 -419.22	1,257.67
26 05 19 16-0805 MLF 25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,782.81 -489.96	1,469.87
26 05 19 16-0806 MLF 30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	7,852.41 -572.64	1,717.92
26 05 19 16-0807 MLF 37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	9,506.80 -669.31	2,007.93
26 05 19 16-0808 MLF 2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,354.98 -157.19	471.57
26 05 19 16-0809 MLF 3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	1,701.89 -172.28	517.15
26 05 19 16-0810 MLF 4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,078.73 -196.49	589.46
26 05 19 16-0811 MLF 5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	2,423.07 -213.15	639.44
26 05 19 16-0812 MLF 7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,290.15 -267.54	802.61
26 05 19 16-0813 MLF 9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	3,909.10 -299.45	898.34
26 05 19 16-0814 MLF 12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	4,555.01 -349.28	1,047.83
26 05 19 16-0815 MLF 15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	5,390.41 -399.42	1,198.25
26 05 19 16-0816 MLF 19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	6,403.39 -452.71	1,358.11
26 05 19 16-0817 MLF 25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	8,278.41 -529.10	1,587.29
26 05 19 16-0818 MLF 30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	9,577.88 -618.38	1,855.15
26 05 19 16-0819 MLF 37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Installation On Exposed Surface, Deduct</i>	11,622.87 -722.91	2,168.74
26 05 19 16-0820 Single Copper Conductor Installed On Poles (26 05 19 16-0011)		
26 05 19 16-0821 Bare Stranded Conductor (26 05 19 16-0820)		
26 05 19 16-0822 MLF #12 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	938.52	327.01
26 05 19 16-0823 MLF #10 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,081.67	356.45
26 05 19 16-0824 MLF #8 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,225.78	386.23
26 05 19 16-0825 MLF #6 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,463.43	416.19
26 05 19 16-0826 MLF #4 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	1,739.31	446.25
26 05 19 16-0827 MLF #2 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,421.31	535.25
26 05 19 16-0828 MLF #1 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	2,768.65	594.56
26 05 19 16-0829 MLF #1/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	3,142.29	652.79
26 05 19 16-0830 MLF #2/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	4,146.22	774.24
26 05 19 16-0831 MLF #3/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	4,998.27	890.18
26 05 19 16-0832 MLF #4/0 AWG 1/c Bare Stranded Copper Cable, Installed On Poles	5,400.63	1,008.87
26 05 19 16-0833 MLF 250 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	6,777.08	1,189.01
26 05 19 16-0834 MLF 300 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	6,956.20	1,251.62
26 05 19 16-0835 MLF 350 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	8,515.81	1,310.74
26 05 19 16-0836 MLF 400 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	9,354.38	1,364.52
26 05 19 16-0837 MLF 500 MCM 1/c Bare Stranded Copper Cable, Installed On Poles	10,792.63	1,422.76
26 05 19 16-0838 Insulated Stranded Conductor (26 05 19 16-0820)		
26 05 19 16-0839 MLF #12 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	996.89	327.01
26 05 19 16-0840 MLF #10 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,156.99	356.45
26 05 19 16-0841 MLF #8 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,374.46	386.23
26 05 19 16-0842 MLF #6 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,491.58	416.19
26 05 19 16-0843 MLF #4 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	1,782.25	446.25
26 05 19 16-0844 MLF #2 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,359.30	535.25
26 05 19 16-0845 MLF #1 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	2,762.46	594.56
26 05 19 16-0846 MLF #1/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,228.63	652.79
26 05 19 16-0847 MLF #2/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	3,881.08	774.24
26 05 19 16-0848 MLF #3/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	4,628.69	890.18
26 05 19 16-0849 MLF #4/0 AWG 1/c Insulated Stranded Copper Cable, Installed On Poles	5,429.46	1,008.87
26 05 19 16-0850 MLF 250 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	6,600.67	1,189.01
26 05 19 16-0851 MLF 300 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	7,423.14	1,251.62
26 05 19 16-0852 MLF 350 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	8,099.27	1,310.74
26 05 19 16-0853 MLF 400 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	9,009.01	1,364.52
26 05 19 16-0854 MLF 500 MCM 1/c Insulated Stranded Copper Cable, Installed On Poles	10,058.06	1,422.76
26 05 19 16-0855 Bare Solid Conductor (26 05 19 16-0820)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 19 Low-Voltage Electrical Power Conductors And Cables**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 19 16-0856	MLF	#12 AWG 1/c Bare Solid Copper Cable, Installed On Poles	938.52	327.01
26 05 19 16-0857	MLF	#8 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,225.78	386.23
26 05 19 16-0858	MLF	#6 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,463.43	416.19
26 05 19 16-0859	MLF	#4 AWG 1/c Bare Solid Copper Cable, Installed On Poles	1,721.57	446.25

26 05 19 23 Manufactured Wiring Assemblies (26 05 19)**26 05 19 23-0001 Festoon Cable Systems Complete System (26 05 19 23)****26 05 19 23-0002 Components (26 05 19 23-0001)**

26 05 19 23-0003	LF	20' C Channel Type Track, Galvanized Steel Festoon Cable System Components	11.62	5.16
26 05 19 23-0004	EA	Channel Track Hanger, Plated Steel Festoon Cable System Components	46.16	18.91
26 05 19 23-0005	EA	Channel Track Joint Clamp Assembly Festoon Cable System Components	37.91	18.91
26 05 19 23-0006	EA	End Stop For Channel Track Festoon Cable System Components	9.66	4.30
26 05 19 23-0007	EA	End Clamp And Cable Saddle Assembly With Steel Saddle, Festoon Cable System	48.27	21.50
26 05 19 23-0008	EA	Cable Supplying Trolley, Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	42.25	1.72
26 05 19 23-0009	EA	Towing Trolley Assembly With Steel Saddle With Stainless Steel Ball Bearing Wheel, Festoon Cable	48.40	1.72
26 05 19 23-0010	EA	J-Box With 2 Terminal Blocks And Bracket Festoon Cable System Components	285.48	107.46
26 05 19 23-0011	EA	Watertight Connector For Flat Cable Festoon Cable System Components	26.04	8.61

26 05 19 23-0012 Cable (26 05 19 23-0001)

26 05 19 23-0013	LF	12/c #16 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.89	1.72
26 05 19 23-0014	LF	12/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	6.35	1.72
26 05 19 23-0015	LF	8/c #16 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.43	1.72
26 05 19 23-0016	LF	8/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.46	1.72
26 05 19 23-0017	LF	7/c #12 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	5.94	1.72
26 05 19 23-0018	LF	4/c #14 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	4.53	1.72
26 05 19 23-0019	LF	4/c #12 Flat Festoon Cable Polyvinyl Chloride (PVC) Jacketed, 600 Volt	4.77	1.72

26 05 19 23-0020 Complete Systems (26 05 19 23-0001)

26 05 19 23-0021	EA	Festoon System, 80' Long, Complete With 7/c #12 And 4/c #14, Wet Environment	4,770.54	1,719.39
Note: Includes 10 each cable trolleys with steel saddle, stainless steel wheels, 1 each J-box with terminal strips and brackets, 80 LF C type track, 20' sections, 9 each hangars, 3 each joints, 2 each end stop, 1 each end clamp with steel saddle, 1 each towing trolley with steel saddle, 2 each watertight connectors for 4/c #14, 2 each watertight connectors for 7/c #12, 80 LF each type cable as listed.				

26 05 23 Control-Voltage Electrical Power Cables (26 05)**26 05 23 00-0001 Cable For Sound System (26 05 23)****26 05 23 00-0002 Shielded Conductors (26 05 23 00-0001)**

Note: One pair, stranded or solid, copper, PVC jacketed, sizes as indicated on tasks.

26 05 23 00-0003	MLF	1 Pair #20 AWG Sound System, Placed In Conduit, Shielded	722.07	314.38
26 05 23 00-0004	MLF	1 Pair #14 AWG Sound System, Placed In Conduit, Shielded	1,119.58	314.38
26 05 23 00-0005	MLF	3 Conductor, #16 AWG Sound System, Placed In Conduit, Shielded	941.99	186.34
26 05 23 00-0006	MLF	6 Conductor, #18 AWG Sound System, Placed In Conduit, Shielded	990.37	190.51

26 05 23 00-0007 Cable For HVAC System Controls (26 05 23)**26 05 23 00-0008 Low Voltage Thermostat Cable To 300 Volts (26 05 23 00-0007)**

Note: For surface or conduit installation.

26 05 23 00-0009	MLF	#20/2 Conductor, Low Volt Thermostat Cable	345.03	100.21
26 05 23 00-0010	MLF	#20/3 Conductor, Low Volt Thermostat Cable	394.96	105.55
26 05 23 00-0011	MLF	#20/4 Conductor, Low Volt Thermostat Cable	428.42	111.61
26 05 23 00-0012	MLF	#20/5 Conductor, Low Volt Thermostat Cable	515.62	116.32
26 05 23 00-0013	MLF	#20/6 Conductor, Low Volt Thermostat Cable	540.76	121.82
26 05 23 00-0014	MLF	#20/7 Conductor, Low Volt Thermostat Cable	595.75	126.89
26 05 23 00-0015	MLF	#20/8 Conductor, Low Volt Thermostat Cable	643.38	131.96
26 05 23 00-0016	MLF	#20/9 Conductor, Low Volt Thermostat Cable	699.25	137.23
26 05 23 00-0017	MLF	#20/10 Conductor, Low Volt Thermostat Cable	753.07	141.34
26 05 23 00-0018	MLF	#18/2 Conductor, Low Volt Thermostat Cable	375.76	100.21
26 05 23 00-0019	MLF	#18/3 Conductor, Low Volt Thermostat Cable	449.79	105.55
26 05 23 00-0020	MLF	#18/4 Conductor, Low Volt Thermostat Cable	515.41	111.61
26 05 23 00-0021	MLF	#18/5 Conductor, Low Volt Thermostat Cable	551.53	116.32
26 05 23 00-0022	MLF	#18/6 Conductor, Low Volt Thermostat Cable	612.90	121.82
26 05 23 00-0023	MLF	#18/7 Conductor, Low Volt Thermostat Cable	628.87	126.89
26 05 23 00-0024	MLF	#18/8 Conductor, Low Volt Thermostat Cable	693.92	131.96
26 05 23 00-0025	MLF	#18/9 Conductor, Low Volt Thermostat Cable	820.53	137.23
26 05 23 00-0026	MLF	#18/10 Conductor, Low Volt Thermostat Cable	902.65	141.34

26 05 26 Grounding And Bonding For Electrical Systems (26 05)**26 05 26 00-0001 Conductors, Straps And Conduit Jumpers (26 05 26)****26 05 26 00-0002 Single Conductor (26 05 26 00-0001)****26 05 26 00-0003 Copper Bare Stranded Conductors (26 05 26 00-0002)**

26 05 26 00-0004	MLF	12 AWG Copper Bare Single Stranded Conductor	414.95	166.49
26 05 26 00-0005	MLF	10 AWG Copper Bare Single Stranded Conductor	533.92	166.49
26 05 26 00-0006	MLF	8 AWG Copper Bare Single Stranded Conductor	653.58	200.55
26 05 26 00-0007	MLF	6 AWG Copper Bare Single Stranded Conductor	870.24	200.55

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

26 05 26 00-0008	MLF 4 AWG Copper Bare Single Stranded Conductor.....	1,143.41	242.18
26 05 26 00-0009	MLF 2 AWG Copper Bare Single Stranded Conductor.....	1,754.09	242.18
26 05 26 00-0010	MLF 1 AWG Copper Bare Single Stranded Conductor.....	2,018.55	291.37
26 05 26 00-0011	MLF 1/0 AWG Copper Bare Single Stranded Conductor.....	2,363.80	291.37
26 05 26 00-0012	MLF 2/0 AWG Copper Bare Single Stranded Conductor.....	3,272.27	367.05
26 05 26 00-0013	MLF 3/0 AWG Copper Bare Single Stranded Conductor.....	4,014.28	367.05
26 05 26 00-0014	MLF 4/0 AWG Copper Bare Single Stranded Conductor.....	4,284.61	488.14
26 05 26 00-0015	MLF 250 MCM Copper Bare Single Stranded Conductor.....	5,457.95	488.14
26 05 26 00-0016	MLF 300 MCM Copper Bare Single Stranded Conductor.....	5,493.05	563.81
26 05 26 00-0017	MLF 350 MCM Copper Bare Single Stranded Conductor.....	7,332.15	563.81
26 05 26 00-0018	MLF 500 MCM Copper Bare Single Stranded Conductor.....	9,963.44	696.25

26 05 26 00-0019 Copper Insulated Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0020	MLF 12 AWG Copper Insulated Single Stranded Conductor.....	729.62	227.04
26 05 26 00-0021	MLF 10 AWG Copper Insulated Single Stranded Conductor.....	790.27	227.04
26 05 26 00-0022	MLF 8 AWG Copper Insulated Single Stranded Conductor.....	1,000.97	227.04
26 05 26 00-0023	MLF 6 AWG Copper Insulated Single Stranded Conductor.....	1,148.52	393.54
26 05 26 00-0024	MLF 4 AWG Copper Insulated Single Stranded Conductor.....	1,530.01	393.54
26 05 26 00-0025	MLF 2 AWG Copper Insulated Single Stranded Conductor.....	2,131.24	393.54
26 05 26 00-0026	MLF 1 AWG Copper Insulated Single Stranded Conductor.....	2,560.65	688.69
26 05 26 00-0027	MLF 1/0 AWG Copper Insulated Single Stranded Conductor.....	3,108.90	688.69
26 05 26 00-0028	MLF 2/0 AWG Copper Insulated Single Stranded Conductor.....	3,620.35	688.69
26 05 26 00-0029	MLF 3/0 AWG Copper Insulated Single Stranded Conductor.....	4,283.37	688.69
26 05 26 00-0030	MLF 4/0 AWG Copper Insulated Single Stranded Conductor.....	5,026.83	900.59
26 05 26 00-0031	MLF 250 MCM Copper Insulated Single Stranded Conductor.....	6,040.33	900.59
26 05 26 00-0032	MLF 300 MCM Copper Insulated Single Stranded Conductor.....	7,008.74	900.59
26 05 26 00-0033	MLF 350 MCM Copper Insulated Single Stranded Conductor.....	8,267.20	1,400.08
26 05 26 00-0034	MLF 500 MCM Copper Insulated Single Stranded Conductor.....	10,716.63	1,400.08

26 05 26 00-0035 Copper Bare Single Solid Conductors (26 05 26 00-0002)

26 05 26 00-0036	MLF 12 AWG Copper Bare Single Solid Conductor.....	414.95	166.49
26 05 26 00-0037	MLF 10 AWG Copper Bare Single Solid Conductor.....	533.92	166.49
26 05 26 00-0038	MLF 8 AWG Copper Bare Single Solid Conductor.....	653.58	200.55
26 05 26 00-0039	MLF 6 AWG Copper Bare Single Solid Conductor.....	870.24	200.55
26 05 26 00-0040	MLF 4 AWG Copper Bare Single Solid Conductor.....	1,143.41	242.18
26 05 26 00-0041	MLF 2 AWG Copper Bare Single Solid Conductor.....	1,754.09	242.18
26 05 26 00-0042	MLF 1/0 AWG Copper Bare Single Solid Conductor.....	2,363.80	291.37
26 05 26 00-0043	MLF 4/0 AWG Copper Bare Single Solid Conductor.....	4,284.61	385.97

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0045	MLF 8 AWG Aluminum Bare Single Stranded Conductor.....	493.54	200.55
26 05 26 00-0046	MLF 6 AWG Aluminum Bare Single Stranded Conductor.....	540.83	200.55
26 05 26 00-0047	MLF 4 AWG Aluminum Bare Single Stranded Conductor.....	614.02	242.18
26 05 26 00-0048	MLF 2 AWG Aluminum Bare Single Stranded Conductor.....	762.78	242.18
26 05 26 00-0049	MLF 1 AWG Aluminum Bare Single Stranded Conductor.....	874.96	291.37
26 05 26 00-0050	MLF 1/0 AWG Aluminum Bare Single Stranded Conductor.....	1,002.09	291.37
26 05 26 00-0051	MLF 2/0 AWG Aluminum Bare Single Stranded Conductor.....	1,143.06	367.05
26 05 26 00-0052	MLF 3/0 AWG Aluminum Bare Single Stranded Conductor.....	1,312.28	367.05
26 05 26 00-0053	MLF 4/0 AWG Aluminum Bare Single Stranded Conductor.....	1,563.01	488.14
26 05 26 00-0054	MLF 250 MCM Aluminum Bare Single Stranded Conductor.....	1,748.22	488.14
26 05 26 00-0055	MLF 300 MCM Aluminum Bare Single Stranded Conductor.....	2,067.97	563.81
26 05 26 00-0056	MLF 350 MCM Aluminum Bare Single Stranded Conductor.....	2,341.29	563.81
26 05 26 00-0057	MLF 500 MCM Aluminum Bare Single Stranded Conductor.....	2,758.15	696.25

26 05 26 00-0058 Aluminum Bare Single Solid Conductors (26 05 26 00-0002)

26 05 26 00-0059	MLF 8 AWG Aluminum Bare Single Solid Conductor.....	493.54	200.55
26 05 26 00-0060	MLF 6 AWG Aluminum Bare Single Solid Conductor.....	540.83	200.55
26 05 26 00-0061	MLF 4 AWG Aluminum Bare Single Solid Conductor.....	614.02	242.18
26 05 26 00-0062	MLF 2 AWG Aluminum Bare Single Solid Conductor.....	762.78	242.18
26 05 26 00-0063	MLF 1 AWG Aluminum Bare Single Solid Conductor.....	844.42	385.97
26 05 26 00-0064	MLF 1/0 AWG Aluminum Bare Single Solid Conductor.....	1,002.09	385.97
26 05 26 00-0065	MLF 2/0 AWG Aluminum Bare Single Solid Conductor.....	1,067.40	367.05
26 05 26 00-0066	MLF 3/0 AWG Aluminum Bare Single Solid Conductor.....	1,159.93	367.05
26 05 26 00-0067	MLF 4/0 AWG Aluminum Bare Single Solid Conductor.....	1,563.01	488.14
26 05 26 00-0068	MLF 250 MCM Aluminum Bare Single Solid Conductor.....	1,748.22	488.14
26 05 26 00-0069	MLF 300 MCM Aluminum Bare Single Solid Conductor.....	2,067.97	563.81
26 05 26 00-0070	MLF 350 MCM Aluminum Bare Single Solid Conductor.....	2,341.29	563.81
26 05 26 00-0071	MLF 500 MCM Aluminum Bare Single Solid Conductor.....	2,758.15	696.25

26 05 26 00-0072 Aluminum Smooth Woven Conductors (26 05 26 00-0002)

26 05 26 00-0073	LF 10 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	1.84	0.59
26 05 26 00-0074	LF 16 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.04	0.65
26 05 26 00-0075	LF 24 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.40	0.75
26 05 26 00-0076	LF 26 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.36	0.76
26 05 26 00-0077	LF 28 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.54	0.80

26 Electrical**26 05 Common Work Results For Electrical****26 05 26 Grounding And Bonding For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 26 00-0078		Copper Flexible Braid Connector Jumper Strap <small>(26 05 26 00-0001)</small>		
Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.				
26 05 26 00-0079	EA	100 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	92.19	21.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			12.89	
26 05 26 00-0080	EA	225 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	156.14	25.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			15.47	
26 05 26 00-0081	EA	225 Amp, Copper Flexible Braid Jumper Strap, 18" Length.....	198.01	25.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			15.47	
26 05 26 00-0082	EA	225 Amp, Copper Flexible Braid Jumper Strap, 24" Length.....	239.30	25.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			15.47	
26 05 26 00-0083	EA	400 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	209.58	27.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			19.34	
26 05 26 00-0084	EA	400 Amp, Copper Flexible Braid Jumper Strap, 18" Length.....	269.80	27.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			19.34	
26 05 26 00-0085	EA	400 Amp, Copper Flexible Braid Jumper Strap, 24" Length.....	322.13	27.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			19.34	
26 05 26 00-0086	EA	600 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	271.11	35.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			21.28	
26 05 26 00-0087	EA	800 Amp, Copper Flexible Braid Jumper Strap, 12" Length.....	326.12	42.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			25.79	
26 05 26 00-0088		Bonding Jumper For Metallic Conduit <small>(26 05 26 00-0001)</small>		
26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper - Metallic Conduit.....	127.10	47.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			26.87	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper - Metallic Conduit.....	156.58	47.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			33.07	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper - Metallic Conduit.....	225.47	73.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			39.08	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper - Metallic Conduit.....	329.10	73.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			47.76	
26 05 26 00-0093		Ground Rods <small>(26 05 26)</small>		
26 05 26 00-0094		Copper-Clad Ground Rods <small>(26 05 26 00-0093)</small>		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods.....	75.47	64.48
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods.....	78.97	64.48
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods.....	93.10	64.48
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods.....	88.97	64.48
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods.....	93.35	64.48
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods.....	111.01	64.48
26 05 26 00-0101		Copper Grounding Shaft <small>(26 05 26 00-0093)</small>		
26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft.....	252.05	64.48
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft.....	313.91	64.48
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft.....	488.59	64.48
26 05 26 00-0105		Ground Access Wells <small>(26 05 26 00-0093)</small>		
26 05 26 00-0106		Precast Ground Access Wells <small>(26 05 26 00-0105)</small>		
26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well.....	164.97	
Note: With cast iron grate.				
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well.....	172.39	
Note: With cast iron grate.				
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well.....	457.92	
Note: With cast iron grate.				
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well.....	465.35	
Note: With cast iron grate.				
26 05 26 00-0111		Polyvinyl Chloride (PVC) Ground Access Well <small>(26 05 26 00-0105)</small>		
26 05 26 00-0112	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	279.54	
Note: Schedule 40 with cast iron grated cover.				
26 05 26 00-0113	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	326.41	
Note: Schedule 40 with cast iron grated cover.				
26 05 26 00-0114	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	593.33	
Note: Schedule 40 with cast iron grated cover.				
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	267.86	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	270.06	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0117	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	569.67	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0118	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	155.63	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0119	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	166.56	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0120	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	175.65	
Note: Schedule 40 with flat steel cover.				
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	122.96	
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	175.98	
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	300.99	
Note: Schedule 40 with flat steel cover.				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0124 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with flat steel cover.	395.24	
26 05 26 00-0125 EA 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	245.66	
26 05 26 00-0126 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	350.01	
26 05 26 00-0127 EA 10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron grate, heavy duty.	366.07	
26 05 26 00-0128 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron grate, heavy duty.	445.84	
26 05 26 00-0129 EA 12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron grate, heavy duty.	204.33	
26 05 26 00-0130 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron grate, heavy duty.	346.17	
26 05 26 00-0131 EA 12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron grate, heavy duty.	372.00	
26 05 26 00-0132 Polymer Concrete Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0133 EA 12" x 12" x 12" Polymer Concrete Ground Access Well.....	291.94	
26 05 26 00-0134 EA 12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well.....	318.95	
26 05 26 00-0135 EA 12" x 12" x 18" Polymer Concrete Ground Access Well.....	320.80	
26 05 26 00-0136 EA 12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	350.48	
26 05 26 00-0137 EA 12" x 12" x 24" Polymer Concrete Ground Access Well.....	350.75	
26 05 26 00-0138 EA 12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well.....	383.32	
26 05 26 00-0139 EA 13" x 24" x 18" Polymer Concrete Ground Access Well.....	463.04	
26 05 26 00-0140 EA 13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	507.27	
26 05 26 00-0141 High Density Polyethylene (HDPE) Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0142 EA 9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well..... Note: With cover.	113.70	
26 05 26 00-0143 EA 14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well..... Note: With cover.	156.56	
26 05 26 00-0144 Ground Rod Clamps And Fittings (26 05 26)		
26 05 26 00-0145 Bronze Ground Rod Clamp (26 05 26 00-0144)		
26 05 26 00-0146 EA 1/2" Bronze Ground Rod Clamp.....	17.86	9.71
26 05 26 00-0147 EA 5/8" Bronze Ground Rod Clamp.....	18.74	9.71
26 05 26 00-0148 EA 3/4" Bronze Ground Rod Clamp.....	19.99	9.71
26 05 26 00-0149 Bronze Pipe Clamps (26 05 26 00-0144)		
26 05 26 00-0150 EA 1/2" To 1" Bronze Pipe Ground Clamps.....	23.73	16.16
26 05 26 00-0151 EA 1-1/4" To 2" Bronze Ground Clamps For Pipe.....	30.73	19.34
26 05 26 00-0152 EA 2-1/2" To 3" Bronze Ground Clamps For Pipe.....	48.64	22.61
26 05 26 00-0153 EA 2-1/2" To 4" Bronze Ground Clamps For Pipe.....	58.84	29.06
26 05 26 00-0154 EA 4" To 6" Bronze Ground Clamps For Pipe.....	91.24	41.95
26 05 26 00-0155 Grounding Fittings (26 05 26 00-0144)		
26 05 26 00-0156 Embedded Fittings (26 05 26 00-0155)		
26 05 26 00-0157 EA Ground Insert With 2 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	120.29	
26 05 26 00-0158 EA Ground Insert With 4 - 3/8 x 16 Holes #2-250 MCM Cable Range, Embedded.....	128.29	
26 05 26 00-0159 EA Ground Insert With 4 - 3/8 x 16 Holes 250-500 MCM Cable Range, Embedded.....	142.47	
26 05 26 00-0160 EA Grounding Wire Splice, Copper To Aluminum, #8 - 1 AWG.....	114.41	
26 05 26 00-0161 EA Grounding Wire Splice, Copper To Aluminum, 1/0 - 3/0 AWG.....	137.06	
26 05 26 00-0162 EA Grounding Wire Splice, Copper To Aluminum, 4/0 - 300 MCM.....	160.87	
26 05 26 00-0163 EA Grounding Wire Splice, Copper To Aluminum, 350 MCM And Up.....	181.53	
26 05 26 00-0164 Ground Rod Receptacle (26 05 26 00-0155)		
26 05 26 00-0165 EA 1/2" Ground Rod Receptacle.....	260.29	89.41
26 05 26 00-0166 EA 5/8" Ground Rod Receptacle.....	272.41	91.93
26 05 26 00-0167 EA 3/4" Ground Rod Receptacle.....	284.79	94.43
26 05 26 00-0168 Ground Kits For Circuit Breaker Panels (26 05 26 00-0155)		
26 05 26 00-0169 EA 14-8 AWG Copper Ground Kit.....	58.04	21.50
26 05 26 00-0170 EA 12-8 AWG Aluminum Ground Kit.....	49.61	21.50
26 05 26 00-0171 EA 14-4 AWG Copper Ground Kit.....	64.76	21.50
26 05 26 00-0172 EA 12-4 AWG Aluminum Ground Kit.....	54.25	21.50
26 05 26 00-0173 Insulated Grounding Bars (26 05 26 00-0144)		
26 05 26 00-0174 EA Insulated Ground Bar 1/2" x 4" x 10".....	247.23	21.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.69	
26 05 26 00-0175 EA Insulated Ground Bar SK 9560 1/2" x 4" x 20".....	260.21	21.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.69	
26 05 26 00-0176 Ground Conductor Bonding (26 05 26)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 26 Grounding And Bonding For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 26 00-0177		Ground Conductor Bonding <small>(26 05 26 00-0176)</small>		
26 05 26 00-0178		Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld <small>(26 05 26 00-0177)</small>		
26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	103.83	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	112.42	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	121.02	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0182	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	172.60	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0183		Tee, Wye Or Cross Cadweld <small>(26 05 26 00-0177)</small>		
26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross.....	116.72	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross.....	133.92	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross.....	164.01	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0187	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross.....	198.39	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0188		Grounding Equipment <small>(26 05 26)</small>		
26 05 26 00-0189		Special Grounding Equipment <small>(26 05 26 00-0188)</small>		
26 05 26 00-0190		Ground Reels And Ground Bus <small>(26 05 26 00-0189)</small>		
26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable.....	592.48	
26 05 26 00-0192		Copper Bars <small>(26 05 26 00-0189)</small>		
26 05 26 00-0193	LF	1/4" x 2" Copper Bar.....	34.00	
26 05 26 00-0194		Phenolic Insulators <small>(26 05 26 00-0189)</small>		
26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators.....	23.23	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.16	
26 05 26 00-0196		Grounding Studs <small>(26 05 26 00-0189)</small>		
26 05 26 00-0197	EA	Ball Grounding Stud.....	33.55	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.70	
26 05 26 00-0198		Equipment Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0199	EA	Switch Rating 30 Ground Bar Kit.....	26.24	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.16	
26 05 26 00-0200	EA	Switch Rating 60 Ground Bar Kit.....	33.79	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.67	
26 05 26 00-0201	EA	Switch Rating 100 Ground Bar Kit.....	39.44	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.45	
26 05 26 00-0202	EA	Switch Rating 200 Ground Bar Kit.....	69.46	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.74	
26 05 26 00-0203		Panelboard Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0204	EA	Panelboard Ground Bar Kit.....	102.14	6.44
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.45	
26 05 26 00-0205		Circuit Breaker Ground Bar Kits <small>(26 05 26 00-0189)</small>		
26 05 26 00-0206	EA	3 Circuit, Ground Bar Kit.....	21.94	3.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 26 00-0207	EA	4 Circuit, Ground Bar Kit.....	21.52	3.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 26 00-0208	EA	7 Circuit, Ground Bar Kit.....	22.22	3.87
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 26 00-0209	EA	12 Circuit, Ground Bar Kit.....	25.18	4.39
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.38	
26 05 26 00-0210	EA	20 Circuit, Ground Bar Kit.....	28.71	4.90
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.90	
26 05 26 00-0211	EA	24 Circuit, Ground Bar Kit.....	31.68	5.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.42	
26 05 26 00-0212	EA	30 Circuit, Ground Bar Kit.....	35.37	6.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	
26 05 26 00-0213	EA	54 Circuit, Ground Bar Kit.....	40.89	7.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.22	
26 05 26 00-0214	EA	24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	45.72	5.41
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.42	
26 05 26 00-0215	EA	30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	50.52	6.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	
26 05 26 00-0216	EA	54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug.....	56.19	7.23
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.22	

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

26 05 29 Hangers And Supports For Electrical Systems (26 05)

26 05 29 00-0001	Metal Framing Channel And Fittings <small>(26 05 29)</small>		
26 05 29 00-0002	Metal Framing Channel <small>(26 05 29 00-0001)</small>		
26 05 29 00-0003	14 Gauge Metal Framing Channels <small>(26 05 29 00-0002)</small>		
26 05 29 00-0004	14 Gauge, Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0005	EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	15.08	4.71
26 05 29 00-0006	EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	16.77	4.71
26 05 29 00-0007	LF >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	7.62	1.77
26 05 29 00-0008	14 Gauge, 304 Stainless Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0009	EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	22.12	4.71
26 05 29 00-0010	EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	24.16	4.71
26 05 29 00-0011	EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	30.86	4.71
26 05 29 00-0012	EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	34.94	4.71
26 05 29 00-0013	LF >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	14.66	1.77
26 05 29 00-0014	LF >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	16.70	1.77
26 05 29 00-0015	14 Gauge, 316 Stainless Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0016	EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	30.92	4.71
26 05 29 00-0017	EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	48.46	4.71
26 05 29 00-0018	LF >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	23.46	1.77
26 05 29 00-0019	12 Gauge Metal Framing Channels <small>(26 05 29 00-0002)</small>		
26 05 29 00-0020	12 Gauge, Steel Unistrut Channel <small>(26 05 29 00-0019)</small>		
26 05 29 00-0021	EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	16.07	4.71
26 05 29 00-0022	EA Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	15.73	4.71
26 05 29 00-0023	EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	15.51	4.71
26 05 29 00-0024	EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	18.75	4.71
26 05 29 00-0025	EA >1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	18.08	4.71
26 05 29 00-0026	EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	17.65	4.71
26 05 29 00-0027	LF >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	8.61	1.77
26 05 29 00-0028	LF >2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	8.27	1.77
26 05 29 00-0029	LF >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	8.05	1.77
26 05 29 00-0030	12 Gauge, 304 Stainless Steel Unistrut Channel <small>(26 05 29 00-0019)</small>		
26 05 29 00-0031	EA Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	24.83	4.71
26 05 29 00-0032	EA Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	28.35	4.71
26 05 29 00-0033	EA >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	36.28	4.71
26 05 29 00-0034	EA >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	43.32	4.71
26 05 29 00-0035	LF >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	17.37	1.77
26 05 29 00-0036	LF >2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	20.89	1.77
26 05 29 00-0037	Metal Framing Channel Fittings <small>(26 05 29 00-0001)</small>		
26 05 29 00-0038	Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0037)</small>		
26 05 29 00-0039	Steel Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0038)</small>		
26 05 29 00-0040	LF Steel Raceway Closure Strip, Unistrut Channel Fittings	4.25	0.43
26 05 29 00-0041	EA Steel End Cap, Unistrut Channel Fittings	9.94	4.31
26 05 29 00-0042	Stainless Steel Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0038)</small>		
26 05 29 00-0043	EA Stainless Steel End Cap For Unistrut Channel	13.87	4.31
26 05 29 00-0044	Flat Splice Plate, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0045	Steel Flat Splice Plate, Unistrut Channel Fittings <small>(26 05 29 00-0044)</small>		
26 05 29 00-0046	EA 2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	4.31	
26 05 29 00-0047	EA 3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	4.28	
26 05 29 00-0048	EA 4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	5.16	
26 05 29 00-0049	Stainless Steel Flat Splice Plate, Unistrut Channel Fittings <small>(26 05 29 00-0044)</small>		
26 05 29 00-0050	EA 2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	10.21	
26 05 29 00-0051	EA 3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	15.00	
26 05 29 00-0052	EA 4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	19.05	
26 05 29 00-0053	90 Degree Angle, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0054	Steel 90 Degree Angle, Unistrut Channel Fittings <small>(26 05 29 00-0053)</small>		
26 05 29 00-0055	EA 2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	4.18	
26 05 29 00-0056	EA 2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	3.54	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 29 00-0057	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.93		
26 05 29 00-0058	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.85		
26 05 29 00-0059		Stainless Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)			
26 05 29 00-0060	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	6.02		
26 05 29 00-0061	EA	2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	7.43		
26 05 29 00-0062	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	6.36		
26 05 29 00-0063	EA	2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	8.86		
26 05 29 00-0064	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	8.13		
26 05 29 00-0065	EA	3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	14.67		
26 05 29 00-0066	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	8.53		
26 05 29 00-0067	EA	3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	12.19		
26 05 29 00-0068		60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)			
26 05 29 00-0069		Steel 60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0068)			
26 05 29 00-0070	EA	2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	8.37		
26 05 29 00-0071		U-Connector, Unistrut Channel Fittings (26 05 29 00-0037)			
26 05 29 00-0072		Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)			
26 05 29 00-0073	EA	3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.82		
26 05 29 00-0074	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	5.52		
26 05 29 00-0075		Stainless Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)			
26 05 29 00-0076	EA	5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting	12.11		
26 05 29 00-0077		Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0037)			
26 05 29 00-0078		Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)			
26 05 29 00-0079	EA	3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	8.59		
26 05 29 00-0080		Stainless Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)			
26 05 29 00-0081	EA	3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting	23.16		
26 05 29 00-0082		Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0037)			
Note: Includes hex screw and nut.					
26 05 29 00-0083		Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)			
Note: Includes hex screw and nut.					
26 05 29 00-0084	EA	1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.52	1.29	
26 05 29 00-0085	EA	3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.54	1.29	
26 05 29 00-0086	EA	1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	3.61	1.29	
26 05 29 00-0087	EA	1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.57	1.73	
26 05 29 00-0088	EA	1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	4.96	1.73	
26 05 29 00-0089	EA	2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.00	1.73	
26 05 29 00-0090	EA	2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.14	2.15	
26 05 29 00-0091	EA	3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.48	2.15	
26 05 29 00-0092	EA	3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.81	2.15	
26 05 29 00-0093	EA	4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.92	2.15	
26 05 29 00-0094		304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)			
Note: Includes hex screw and nut.					
26 05 29 00-0095	EA	1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.15	1.29	
26 05 29 00-0096	EA	3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.68	1.29	
26 05 29 00-0097	EA	1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.21	1.29	
26 05 29 00-0098	EA	1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.78	1.73	
26 05 29 00-0099	EA	1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.26	1.73	
26 05 29 00-0100	EA	2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.65	1.73	
26 05 29 00-0101	EA	2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	11.63	2.15	
26 05 29 00-0102	EA	3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.95	2.15	
26 05 29 00-0103	EA	3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	13.51	2.15	
26 05 29 00-0104	EA	4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	15.61	2.15	
26 05 29 00-0105		316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)			
Note: Includes hex screw and nut.					
26 05 29 00-0106	EA	1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.47	1.29	
26 05 29 00-0107	EA	3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.23	1.29	
26 05 29 00-0108	EA	1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.44	1.29	
26 05 29 00-0109	EA	1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.88	1.73	
26 05 29 00-0110	EA	1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.47	1.73	
26 05 29 00-0111	EA	2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	10.60	1.73	
26 05 29 00-0112	EA	2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	12.63	2.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 29 00-0113	EA		3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	13.30	2.15
	26 05 29 00-0114	EA		3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	18.08	2.15
	26 05 29 00-0115	EA		4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	21.00	2.15
	26 05 29 00-0116			Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0037)		
	26 05 29 00-0117			Steel Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0116)		
	26 05 29 00-0118	EA		Set Screw Beam Clamp, Steel Unistrut Channel Fitting	25.61	7.86
	26 05 29 00-0119	EA		"C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	20.44	7.86
	26 05 29 00-0120	EA		"U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	24.84	7.86
	26 05 29 00-0121			304 Stainless Steel Beam Clamps, Unistrut Channel Fittings (26 05 29 00-0116)		
	26 05 29 00-0122	EA		"U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting.....	31.53	7.86
	26 05 29 00-0123			Square Washers For Unistrut Channel (26 05 29 00-0037)		
	26 05 29 00-0124			Steel Square Washers For Unistrut Channel (26 05 29 00-0123)		
	26 05 29 00-0125	EA		1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	3.07	
	26 05 29 00-0126			Stainless Steel Square Washers For Unistrut Channel (26 05 29 00-0123)		
	26 05 29 00-0127	EA		1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel	3.12	
	26 05 29 00-0128	EA		1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel	3.85	
	26 05 29 00-0129			Strut Braces, Unistrut Channel Fittings (26 05 29 00-0037)		
	26 05 29 00-0130	EA		16" Diagonal Steel Bar Brace For Unistrut Channel	23.16	
	26 05 29 00-0131			Trolley Hangers, Unistrut Channel Fittings (26 05 29 00-0037)		
	26 05 29 00-0132	EA		Steel Trolley Track Hanger For Unistrut Channel	28.87	
	26 05 29 00-0133			Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0037)		
				Note: Includes hex bolt.		
	26 05 29 00-0134			Steel Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0133)		
				Note: Includes hex bolt.		
	26 05 29 00-0135	EA		1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	5.62	
	26 05 29 00-0136	EA		3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	6.08	
	26 05 29 00-0137	EA		1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	6.43	
	26 05 29 00-0138	EA		5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	8.31	
	26 05 29 00-0139			Stainless Steel Lock Nuts With Spring For Unistrut Channel (26 05 29 00-0133)		
				Note: Includes hex bolt.		
	26 05 29 00-0140	EA		1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	9.46	
	26 05 29 00-0141	EA		3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	9.96	
	26 05 29 00-0142	EA		1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	13.37	
	26 05 29 00-0143	EA		5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	21.64	
	26 05 29 00-0144			Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0037)		
				Note: Includes hex bolt.		
	26 05 29 00-0145			Steel Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0144)		
				Note: Includes hex bolt.		
	26 05 29 00-0146	EA		1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	5.63	
	26 05 29 00-0147	EA		3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	6.15	
	26 05 29 00-0148	EA		1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	6.46	
	26 05 29 00-0149	EA		5/8-11, Steel Lock Nut Without Spring For Unistrut Channel.....	8.86	
	26 05 29 00-0150			Stainless Steel Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0144)		
				Note: Includes hex bolt.		
	26 05 29 00-0151	EA		1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	7.27	
	26 05 29 00-0152	EA		3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	8.41	
	26 05 29 00-0153	EA		1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	9.01	
	26 05 29 00-0154	EA		5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	21.12	
	26 05 29 00-0155			Mounting Assemblies (26 05 29)		
	26 05 29 00-0156			Galvanized Steel Mounting Assemblies (26 05 29 00-0155)		
	26 05 29 00-0157			Galvanized Steel Back Plate (26 05 29 00-0156)		
	26 05 29 00-0158	EA		1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	318.44	51.58
	26 05 29 00-0159	EA		3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	79.95	17.20
	26 05 29 00-0160	EA		3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	202.26	42.98
	26 05 29 00-0161			Aluminum Mounting Assemblies (26 05 29 00-0155)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0162	Aluminum Back Plate <small>(26 05 29 00-0161)</small>		
26 05 29 00-0163	EA 3/16" x 2' x 2' Aluminum Back Plate.....	185.40	64.48
26 05 29 00-0164	EA 3/16" x 4' x 4' Aluminum Back Plate.....	427.68	64.48
26 05 29 00-0165	Supports <small>(26 05 29)</small>		
26 05 29 00-0166	One Hole Steel Conduit Straps <small>(26 05 29 00-0165)</small>		
26 05 29 00-0167	EA 1/2", One Hole Steel Conduit Strap	3.06	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.57	
	For >500, Deduct	-0.86	
26 05 29 00-0168	EA 3/4", One Hole Steel Conduit Strap	3.10	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.58	
	For >500, Deduct	-0.86	
26 05 29 00-0169	EA 1", One Hole Steel Conduit Strap	3.27	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.59	
	For >500, Deduct	-0.88	
26 05 29 00-0170	EA 1-1/4", One Hole Steel Conduit Strap	3.40	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.60	
	For >500, Deduct	-0.89	
26 05 29 00-0171	EA 1-1/2", One Hole Steel Conduit Strap	3.48	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.16	
	For >100 To 250, Deduct	-0.31	
	For >250 To 500, Deduct	-0.61	
	For >500, Deduct	-0.90	
26 05 29 00-0172	EA 2", One Hole Steel Conduit Strap	4.00	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.65	
	For >500, Deduct	-0.95	
26 05 29 00-0173	EA 2-1/2", One Hole Steel Conduit Strap	4.53	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.36	
	For >250 To 500, Deduct	-0.68	
	For >500, Deduct	-1.01	
26 05 29 00-0174	EA 3", One Hole Steel Conduit Strap	4.71	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.19	
	For >100 To 250, Deduct	-0.37	
	For >250 To 500, Deduct	-0.70	
	For >500, Deduct	-1.02	
26 05 29 00-0175	EA 3-1/2", One Hole Steel Conduit Strap	5.58	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.21	
	For >100 To 250, Deduct	-0.42	
	For >250 To 500, Deduct	-0.76	
	For >500, Deduct	-1.11	
26 05 29 00-0176	EA 4", One Hole Steel Conduit Strap	6.27	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.45	
	For >250 To 500, Deduct	-0.82	
	For >500, Deduct	-1.18	
26 05 29 00-0177	One Hole Iron Conduit Straps <small>(26 05 29 00-0165)</small>		
26 05 29 00-0178	EA 1/2", One Hole Iron Conduit Strap	3.15	
	For Work In Restricted Working Space, Add	0.83	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.58	
	For >500, Deduct	-0.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

26 05 29 00-0179	EA	3/4"	One Hole Iron Conduit Strap	3.23	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500, Deduct</i>	-0.88	
26 05 29 00-0180	EA	1"	One Hole Iron Conduit Strap	3.38	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.60	
			<i>For >500, Deduct</i>	-0.89	
26 05 29 00-0181	EA	1-1/4"	One Hole Iron Conduit Strap	3.74	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.63	
			<i>For >500, Deduct</i>	-0.93	
26 05 29 00-0182	EA	1-1/2"	One Hole Iron Conduit Strap	3.89	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.64	
			<i>For >500, Deduct</i>	-0.94	
26 05 29 00-0183	EA	2"	One Hole Iron Conduit Strap	4.80	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.38	
			<i>For >250 To 500, Deduct</i>	-0.71	
			<i>For >500, Deduct</i>	-1.03	
26 05 29 00-0184	EA	2-1/2"	One Hole Iron Conduit Strap	6.78	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >100 To 250, Deduct</i>	-0.48	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >500, Deduct</i>	-1.23	
26 05 29 00-0185	EA	3"	One Hole Iron Conduit Strap	8.42	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.28	
			<i>For >100 To 250, Deduct</i>	-0.56	
			<i>For >250 To 500, Deduct</i>	-0.98	
			<i>For >500, Deduct</i>	-1.39	
26 05 29 00-0186	EA	3-1/2"	One Hole Iron Conduit Strap	10.82	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100 To 250, Deduct</i>	-0.68	
			<i>For >250 To 500, Deduct</i>	-1.16	
			<i>For >500, Deduct</i>	-1.63	
26 05 29 00-0187	EA	4"	One Hole Iron Conduit Strap	20.44	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.58	
			<i>For >100 To 250, Deduct</i>	-1.16	
			<i>For >250 To 500, Deduct</i>	-1.88	
			<i>For >500, Deduct</i>	-2.60	
26 05 29 00-0188	EA	5"	One Hole Iron Conduit Strap	25.61	
			<i>For Work In Restricted Working Space, Add</i>	0.83	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.79	
			<i>For >50 To 100, Deduct</i>	-0.71	
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-2.27	
			<i>For >500, Deduct</i>	-3.11	
26 05 29 00-0189			Two Hole Steel Conduit Straps <small>(26 05 29 00-0185)</small>		
26 05 29 00-0190	EA	1/2"	Two Hole Steel Conduit Strap	3.50	
			<i>For Work In Restricted Working Space, Add</i>	0.93	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.65	
			<i>For >500, Deduct</i>	-0.97	
26 05 29 00-0191	EA	3/4"	Two Hole Steel Conduit Strap	3.56	
			<i>For Work In Restricted Working Space, Add</i>	0.93	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.65	
			<i>For >500, Deduct</i>	-0.98	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0192	EA 1", Two Hole Steel Conduit Strap	3.59	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.33	
	For >250 To 500, Deduct	-0.66	
	For >500, Deduct	-0.98	
26 05 29 00-0193	EA 1-1/4", Two Hole Steel Conduit Strap	3.63	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.66	
	For >500, Deduct	-0.98	
26 05 29 00-0194	EA 1-1/2", Two Hole Steel Conduit Strap	3.66	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.66	
	For >500, Deduct	-0.99	
26 05 29 00-0195	EA 2", Two Hole Steel Conduit Strap	3.73	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.17	
	For >100 To 250, Deduct	-0.34	
	For >250 To 500, Deduct	-0.67	
	For >500, Deduct	-0.99	
26 05 29 00-0196	EA 2-1/2", Two Hole Steel Conduit Strap	4.13	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.36	
	For >250 To 500, Deduct	-0.70	
	For >500, Deduct	-1.03	
26 05 29 00-0197	EA 3", Two Hole Steel Conduit Strap	4.21	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.18	
	For >100 To 250, Deduct	-0.37	
	For >250 To 500, Deduct	-0.70	
	For >500, Deduct	-1.04	
26 05 29 00-0198	EA 3-1/2", Two Hole Steel Conduit Strap	4.52	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.19	
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.73	
	For >500, Deduct	-1.07	
26 05 29 00-0199	EA 4", Two Hole Steel Conduit Strap	4.74	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.39	
	For >250 To 500, Deduct	-0.74	
	For >500, Deduct	-1.09	
26 05 29 00-0200	EA 5", Two Hole Steel Conduit Strap	5.02	
	For Work In Restricted Working Space, Add	0.93	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.98	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.76	
	For >500, Deduct	-1.12	

26 05 29 00-0201 Clamp Back Spacers (26 05 29 00-0165)

26 05 29 00-0202	EA 1/2" Conduit, Clamp Back Spacer.....	2.74	
	For Work In Restricted Working Space, Add	0.64	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.47	
	For >500, Deduct	-0.70	
26 05 29 00-0203	EA 3/4" Conduit, Clamp Back Spacer.....	2.94	
	For Work In Restricted Working Space, Add	0.64	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.25	
	For >250 To 500, Deduct	-0.49	
	For >500, Deduct	-0.72	
26 05 29 00-0204	EA 1" Conduit, Clamp Back Spacer.....	3.13	
	For Work In Restricted Working Space, Add	0.64	
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64	
	For >50 To 100, Deduct	-0.13	
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.50	
	For >500, Deduct	-0.74	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 29 00-0205	EA 1-1/4" Conduit, Clamp Back Spacer	3.87
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.15
	For >100 To 250, Deduct	-0.30
	For >250 To 500, Deduct	-0.56
	For >500, Deduct	-0.82
26 05 29 00-0206	EA 1-1/2" Conduit, Clamp Back Spacer	4.46
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.17
	For >100 To 250, Deduct	-0.33
	For >250 To 500, Deduct	-0.60
	For >500, Deduct	-0.87
26 05 29 00-0207	EA 2" Conduit, Clamp Back Spacer.....	5.09
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.18
	For >100 To 250, Deduct	-0.36
	For >250 To 500, Deduct	-0.65
	For >500, Deduct	-0.94
26 05 29 00-0208	EA 2-1/2" Conduit, Clamp Back Spacer	7.63
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.24
	For >100 To 250, Deduct	-0.49
	For >250 To 500, Deduct	-0.84
	For >500, Deduct	-1.19
26 05 29 00-0209	EA 3" Conduit, Clamp Back Spacer.....	10.67
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.32
	For >100 To 250, Deduct	-0.64
	For >250 To 500, Deduct	-1.07
	For >500, Deduct	-1.50
26 05 29 00-0210	EA 3-1/2" Conduit, Clamp Back Spacer	13.62
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.39
	For >100 To 250, Deduct	-0.79
	For >250 To 500, Deduct	-1.29
	For >500, Deduct	-1.79
26 05 29 00-0211	EA 4" Conduit, Clamp Back Spacer.....	27.46
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-0.74
	For >100 To 250, Deduct	-1.48
	For >250 To 500, Deduct	-2.33
	For >500, Deduct	-3.17
26 05 29 00-0212	EA 5" Conduit, Clamp Back Spacer.....	50.83
	For Work In Restricted Working Space, Add	0.64
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.64
	For >50 To 100, Deduct	-1.32
	For >100 To 250, Deduct	-2.65
	For >250 To 500, Deduct	-4.08
	For >500, Deduct	-5.51
26 05 29 00-0213	Conduit Clips (26 05 29 00-0165)	
	Note: Push in or clip.	
26 05 29 00-0214	EA 1/2" Conduit Clip.....	3.32
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79
	For >50 To 100, Deduct	-0.15
	For >100 To 250, Deduct	-0.30
	For >250 To 500, Deduct	-0.59
	For >500, Deduct	-0.88
26 05 29 00-0215	EA 3/4" Conduit Clip.....	3.32
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79
	For >50 To 100, Deduct	-0.15
	For >100 To 250, Deduct	-0.30
	For >250 To 500, Deduct	-0.59
	For >500, Deduct	-0.88
26 05 29 00-0216	EA 1" Conduit Clip.....	3.30
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79
	For >50 To 100, Deduct	-0.15
	For >100 To 250, Deduct	-0.30
	For >250 To 500, Deduct	-0.59
	For >500, Deduct	-0.88
26 05 29 00-0217	EA 1-1/4" Conduit Clip.....	3.41
	For Installation On Concrete (Includes Drilling And Fastener), Add	0.79
	For >50 To 100, Deduct	-0.15
	For >100 To 250, Deduct	-0.31
	For >250 To 500, Deduct	-0.60
	For >500, Deduct	-0.89

26 05 29 00-0218 Bolt And Nut Conduit Clips (26 05 29 00-0165)

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 29 00-0219	EA	3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	4.17
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.96
		<i>For >50 To 100, Deduct</i>	-0.19
		<i>For >100 To 250, Deduct</i>	-0.38
		<i>For >250 To 500, Deduct</i>	-0.74
		<i>For >500, Deduct</i>	-1.11
26 05 29 00-0220	EA	1" Bolt And Nut Conduit Clip (Minerallac 2B)	4.28
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.96
		<i>For >50 To 100, Deduct</i>	-0.19
		<i>For >100 To 250, Deduct</i>	-0.39
		<i>For >250 To 500, Deduct</i>	-0.75
		<i>For >500, Deduct</i>	-1.12
26 05 29 00-0221	EA	1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	4.57
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02
		<i>For >50 To 100, Deduct</i>	-0.21
		<i>For >100 To 250, Deduct</i>	-0.41
		<i>For >250 To 500, Deduct</i>	-0.80
		<i>For >500, Deduct</i>	-1.19
26 05 29 00-0222	EA	1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	4.63
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02
		<i>For >50 To 100, Deduct</i>	-0.21
		<i>For >100 To 250, Deduct</i>	-0.41
		<i>For >250 To 500, Deduct</i>	-0.80
		<i>For >500, Deduct</i>	-1.20
26 05 29 00-0223	EA	2" Bolt And Nut Conduit Clip (Minerallac 5B)	5.08
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.02
		<i>For >50 To 100, Deduct</i>	-0.22
		<i>For >100 To 250, Deduct</i>	-0.44
		<i>For >250 To 500, Deduct</i>	-0.84
		<i>For >500, Deduct</i>	-1.24
26 05 29 00-0224	EA	2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	5.48
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.07
		<i>For >50 To 100, Deduct</i>	-0.23
		<i>For >100 To 250, Deduct</i>	-0.47
		<i>For >250 To 500, Deduct</i>	-0.89
		<i>For >500, Deduct</i>	-1.32
26 05 29 00-0225	EA	3" Bolt And Nut Conduit Clip (Minerallac 7B)	5.87
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.07
		<i>For >50 To 100, Deduct</i>	-0.24
		<i>For >100 To 250, Deduct</i>	-0.49
		<i>For >250 To 500, Deduct</i>	-0.92
		<i>For >500, Deduct</i>	-1.36
26 05 29 00-0226	EA	4" Bolt And Nut Conduit Clip (Minerallac 9B)	10.02
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18
		<i>For >50 To 100, Deduct</i>	-0.36
		<i>For >100 To 250, Deduct</i>	-0.72
		<i>For >250 To 500, Deduct</i>	-1.29
		<i>For >500, Deduct</i>	-1.86

26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod (26 05 29 00-0165)

Note: Bat wing.

26 05 29 00-0228	EA	1/2", Conduit Hanger From Flange, Wire Or Rod	2.42
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.62
		<i>For >50 To 100, Deduct</i>	-0.11
		<i>For >100 To 250, Deduct</i>	-0.22
		<i>For >250 To 500, Deduct</i>	-0.44
		<i>For >500, Deduct</i>	-0.65
26 05 29 00-0229	EA	3/4", Conduit Hanger From Flange, Wire Or Rod	2.45
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.62
		<i>For >50 To 100, Deduct</i>	-0.11
		<i>For >100 To 250, Deduct</i>	-0.23
		<i>For >250 To 500, Deduct</i>	-0.44
		<i>For >500, Deduct</i>	-0.66
26 05 29 00-0230	EA	1", Conduit Hanger From Flange, Wire Or Rod	2.54
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.62
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.23
		<i>For >250 To 500, Deduct</i>	-0.45
		<i>For >500, Deduct</i>	-0.67
26 05 29 00-0231	EA	1-1/4", Conduit Hanger From Flange, Wire Or Rod	2.75
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.62
		<i>For >50 To 100, Deduct</i>	-0.12
		<i>For >100 To 250, Deduct</i>	-0.24
		<i>For >250 To 500, Deduct</i>	-0.46
		<i>For >500, Deduct</i>	-0.69

26 05 29 00-0232 Beam Flange Clamps (26 05 29 00-0165)

Note: For threaded rod, nut not required.

26 05 29 00-0233	EA	1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24)	3.34
		<i>For >50 To 100, Deduct</i>	-0.14
		<i>For >100 To 250, Deduct</i>	-0.27
		<i>For >250 To 500, Deduct</i>	-0.52
		<i>For >500, Deduct</i>	-0.76
26 05 29 00-0234	EA	5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58)	3.29
		<i>For >50 To 100, Deduct</i>	-0.14
		<i>For >100 To 250, Deduct</i>	-0.27
		<i>For >250 To 500, Deduct</i>	-0.51
		<i>For >500, Deduct</i>	-0.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
26 05 29 00-0235	EA		9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912)	3.62	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.29	
			<i>For >250 To 500, Deduct</i>	-0.54	
			<i>For >500, Deduct</i>	-0.79	
26 05 29 00-0236			T-Bar Support Clips <small>(26 05 29 00-0165)</small>	5.76	
26 05 29 00-0237	EA		9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95).....	5.76	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >100 To 250, Deduct</i>	-0.50	
			<i>For >250 To 500, Deduct</i>	-0.97	
			<i>For >500, Deduct</i>	-1.44	
26 05 29 00-0238	EA		15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS).....	5.50	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >100 To 250, Deduct</i>	-0.49	
			<i>For >250 To 500, Deduct</i>	-0.95	
			<i>For >500, Deduct</i>	-1.41	
26 05 29 00-0239	EA		15/16" Grid Size, Twist On T-Bar Support Clip (Caddy 4G16).....	1.96	
			<i>For >50 To 100, Deduct</i>	-0.08	
			<i>For >100 To 250, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.28	
			<i>For >500, Deduct</i>	-0.41	
26 05 29 00-0240	EA		24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512)	14.58	
			<i>For >50 To 100, Deduct</i>	-0.41	
			<i>For >100 To 250, Deduct</i>	-0.82	
			<i>For >250 To 500, Deduct</i>	-1.31	
			<i>For >500, Deduct</i>	-1.80	
26 05 29 00-0241			Switch And Outlet Box Type Supports <small>(26 05 29 00-0165)</small>	3.92	
26 05 29 00-0242	EA		1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS)	3.92	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.28	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500, Deduct</i>	-0.74	
26 05 29 00-0243	EA		1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500).....	3.38	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >100 To 250, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500, Deduct</i>	-0.68	
26 05 29 00-0244	EA		Flush, Riveted Switch And Outlet Box Support (Caddy MFO)	3.84	
			<i>For >50 To 100, Deduct</i>	-0.14	
			<i>For >100 To 250, Deduct</i>	-0.28	
			<i>For >250 To 500, Deduct</i>	-0.50	
			<i>For >500, Deduct</i>	-0.73	
26 05 29 00-0245	EA		Snap On, Switch And Outlet Box Support (Caddy MSF)	2.60	
			<i>For >50 To 100, Deduct</i>	-0.11	
			<i>For >100 To 250, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.41	
			<i>For >500, Deduct</i>	-0.60	
26 05 29 00-0246	EA		1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI).....	2.70	
			<i>For >50 To 100, Deduct</i>	-0.11	
			<i>For >100 To 250, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.42	
			<i>For >500, Deduct</i>	-0.61	
26 05 29 00-0247			Lighting Fixture Hanger <small>(26 05 29 00-0165)</small>	3.97	
			Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA		Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515).....	3.97	
			<i>For >50 To 100, Deduct</i>	-0.19	
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.73	
			<i>For >500, Deduct</i>	-1.09	
26 05 29 00-0249	PR		Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517).....	12.00	
			<i>For >50 To 100, Deduct</i>	-0.39	
			<i>For >100 To 250, Deduct</i>	-0.77	
			<i>For >250 To 500, Deduct</i>	-1.33	
			<i>For >500, Deduct</i>	-1.89	
26 05 29 00-0250	PR		Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520)	16.22	
			<i>For >50 To 100, Deduct</i>	-0.49	
			<i>For >100 To 250, Deduct</i>	-0.98	
			<i>For >250 To 500, Deduct</i>	-1.65	
			<i>For >500, Deduct</i>	-2.31	
26 05 29 00-0251			Rigid Steel Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0165)</small>	3.52	
26 05 29 00-0252	EA		1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	3.52	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500, Deduct</i>	-0.87	
			<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 29 00-0253	EA		3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	3.54	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500, Deduct</i>	-0.87	
			<i>For Work In Restricted Working Space, Add</i>	0.77	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0254	EA	1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	3.61	
		<i>For >50 To 100, Deduct</i>	-0.15	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.59	
		<i>For >500, Deduct</i>	-0.88	
		<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 29 00-0255	EA	1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.57	
		<i>For >50 To 100, Deduct</i>	-0.20	
		<i>For >100 To 250, Deduct</i>	-0.40	
		<i>For >250 To 500, Deduct</i>	-0.77	
		<i>For >500, Deduct</i>	-1.15	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0256	EA	1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	4.96	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.80	
		<i>For >500, Deduct</i>	-1.18	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0257	EA	2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	5.00	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.81	
		<i>For >500, Deduct</i>	-1.19	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0258	EA	2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.13	
		<i>For >50 To 100, Deduct</i>	-0.26	
		<i>For >100 To 250, Deduct</i>	-0.52	
		<i>For >250 To 500, Deduct</i>	-1.00	
		<i>For >500, Deduct</i>	-1.47	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
26 05 29 00-0259	EA	3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.47	
		<i>For >50 To 100, Deduct</i>	-0.27	
		<i>For >100 To 250, Deduct</i>	-0.54	
		<i>For >250 To 500, Deduct</i>	-1.02	
		<i>For >500, Deduct</i>	-1.51	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
26 05 29 00-0260	EA	3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.80	
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500, Deduct</i>	-1.54	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
26 05 29 00-0261	EA	4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel	6.91	
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-1.06	
		<i>For >500, Deduct</i>	-1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.29	

26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel (26 05 29 00-0165)

26 05 29 00-0263	EA	1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.77	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.32	
		<i>For >250 To 500, Deduct</i>	-0.61	
		<i>For >500, Deduct</i>	-0.89	
		<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 29 00-0264	EA	3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.74	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.32	
		<i>For >250 To 500, Deduct</i>	-0.60	
		<i>For >500, Deduct</i>	-0.89	
		<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 29 00-0265	EA	1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	3.70	
		<i>For >50 To 100, Deduct</i>	-0.16	
		<i>For >100 To 250, Deduct</i>	-0.31	
		<i>For >250 To 500, Deduct</i>	-0.60	
		<i>For >500, Deduct</i>	-0.89	
		<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 29 00-0266	EA	1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	4.88	
		<i>For >50 To 100, Deduct</i>	-0.21	
		<i>For >100 To 250, Deduct</i>	-0.42	
		<i>For >250 To 500, Deduct</i>	-0.80	
		<i>For >500, Deduct</i>	-1.18	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0267	EA	1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.54	
		<i>For >50 To 100, Deduct</i>	-0.22	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.85	
		<i>For >500, Deduct</i>	-1.24	
		<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 29 00-0268	EA	2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel	5.58	
		<i>For >50 To 100, Deduct</i>	-0.23	
		<i>For >100 To 250, Deduct</i>	-0.45	
		<i>For >250 To 500, Deduct</i>	-0.85	
		<i>For >500, Deduct</i>	-1.25	
		<i>For Work In Restricted Working Space, Add</i>	1.03	

26 05 29 00-0269 "J" Type Conduit Hangers (26 05 29 00-0165)

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

26 05 29 00-0270	EA	1/2", "J" Type Conduit Hanger (Unistrut J1205).....	14.87		
		<i>For >50 To 100, Deduct</i>	-0.52		
		<i>For >100 To 250, Deduct</i>	-1.04		
		<i>For >250 To 500, Deduct</i>	-1.87		
		<i>For >500, Deduct</i>	-2.69		
		<i>For Work In Restricted Working Space, Add</i>	1.80		
26 05 29 00-0271	EA	3/4", "J" Type Conduit Hanger (Unistrut J1207).....	15.02		
		<i>For >50 To 100, Deduct</i>	-0.53		
		<i>For >100 To 250, Deduct</i>	-1.05		
		<i>For >250 To 500, Deduct</i>	-1.88		
		<i>For >500, Deduct</i>	-2.70		
		<i>For Work In Restricted Working Space, Add</i>	1.80		
26 05 29 00-0272	EA	1", "J" Type Conduit Hanger (Unistrut J1210).....	16.02		
		<i>For >50 To 100, Deduct</i>	-0.57		
		<i>For >100 To 250, Deduct</i>	-1.14		
		<i>For >250 To 500, Deduct</i>	-2.06		
		<i>For >500, Deduct</i>	-2.98		
		<i>For Work In Restricted Working Space, Add</i>	2.06		
26 05 29 00-0273	EA	1-1/4", "J" Type Conduit Hanger (Unistrut J1212).....	16.19		
		<i>For >50 To 100, Deduct</i>	-0.58		
		<i>For >100 To 250, Deduct</i>	-1.15		
		<i>For >250 To 500, Deduct</i>	-2.07		
		<i>For >500, Deduct</i>	-2.99		
		<i>For Work In Restricted Working Space, Add</i>	2.06		
26 05 29 00-0274	EA	1-1/2", "J" Type Conduit Hanger (Unistrut J1215).....	17.17		
		<i>For >50 To 100, Deduct</i>	-0.62		
		<i>For >100 To 250, Deduct</i>	-1.25		
		<i>For >250 To 500, Deduct</i>	-2.26		
		<i>For >500, Deduct</i>	-3.27		
		<i>For Work In Restricted Working Space, Add</i>	2.32		
26 05 29 00-0275	EA	2", "J" Type Conduit Hanger (Unistrut J1220).....	17.80		
		<i>For >50 To 100, Deduct</i>	-0.64		
		<i>For >100 To 250, Deduct</i>	-1.28		
		<i>For >250 To 500, Deduct</i>	-2.30		
		<i>For >500, Deduct</i>	-3.33		
		<i>For Work In Restricted Working Space, Add</i>	2.32		
26 05 29 00-0276	EA	2-1/2", "J" Type Conduit Hanger (Unistrut J1225).....	27.65		
		<i>For >50 To 100, Deduct</i>	-0.91		
		<i>For >100 To 250, Deduct</i>	-1.81		
		<i>For >250 To 500, Deduct</i>	-3.15		
		<i>For >500, Deduct</i>	-4.49		
		<i>For Work In Restricted Working Space, Add</i>	2.58		
26 05 29 00-0277	EA	3", "J" Type Conduit Hanger (Unistrut J1230).....	29.46		
		<i>For >50 To 100, Deduct</i>	-0.97		
		<i>For >100 To 250, Deduct</i>	-1.95		
		<i>For >250 To 500, Deduct</i>	-3.39		
		<i>For >500, Deduct</i>	-4.84		
		<i>For Work In Restricted Working Space, Add</i>	2.84		
26 05 29 00-0278	EA	3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	31.73		
		<i>For >50 To 100, Deduct</i>	-1.05		
		<i>For >100 To 250, Deduct</i>	-2.10		
		<i>For >250 To 500, Deduct</i>	-3.67		
		<i>For >500, Deduct</i>	-5.24		
		<i>For Work In Restricted Working Space, Add</i>	3.09		
26 05 29 00-0279	EA	4", "J" Type Conduit Hanger (Unistrut J1240).....	41.48		
		<i>For >50 To 100, Deduct</i>	-1.29		
		<i>For >100 To 250, Deduct</i>	-2.59		
		<i>For >250 To 500, Deduct</i>	-4.40		
		<i>For >500, Deduct</i>	-6.21		
		<i>For Work In Restricted Working Space, Add</i>	3.09		
26 05 29 00-0280	EA	5", "J" Type Conduit Hanger (Unistrut J1250).....	45.54		
		<i>For >50 To 100, Deduct</i>	-1.42		
		<i>For >100 To 250, Deduct</i>	-2.84		
		<i>For >250 To 500, Deduct</i>	-4.81		
		<i>For >500, Deduct</i>	-6.79		
		<i>For Work In Restricted Working Space, Add</i>	3.35		
26 05 29 00-0281	EA	6", "J" Type Conduit Hanger (Unistrut J1260).....	63.62		
		<i>For >50 To 100, Deduct</i>	-1.91		
		<i>For >100 To 250, Deduct</i>	-3.83		
		<i>For >250 To 500, Deduct</i>	-6.38		
		<i>For >500, Deduct</i>	-8.94		
		<i>For Work In Restricted Working Space, Add</i>	3.87		

26 05 29 00-0282		Between Studs Box Brackets <small>(26 05 29 00-0165)</small>	5.45		
	EA	16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	5.45		
		<i>For >50 To 100, Deduct</i>	-0.20		
		<i>For >100 To 250, Deduct</i>	-0.40		
		<i>For >250 To 500, Deduct</i>	-0.73		
		<i>For >500, Deduct</i>	-1.06		
		<i>For Work In Restricted Working Space, Add</i>	0.77		
26 05 29 00-0284	EA	24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	6.44		
		<i>For >50 To 100, Deduct</i>	-0.23		
		<i>For >100 To 250, Deduct</i>	-0.45		
		<i>For >250 To 500, Deduct</i>	-0.81		
		<i>For >500, Deduct</i>	-1.16		
		<i>For Work In Restricted Working Space, Add</i>	0.77		

26 05 29 00-0285		Hangers And Brackets <small>(26 05 29 00-0165)</small>			
------------------	--	---	--	--	--

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 29 00-0286	EA	Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	2.10	
		<i>For >50 To 100, Deduct</i>	-0.10	
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.37	
		<i>For >500, Deduct</i>	-0.55	
26 05 29 00-0287	EA	Angle Bracket Only With 1/4" Hole (Caddy AB)	2.04	
		<i>For >50 To 100, Deduct</i>	-0.09	
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.37	
		<i>For >500, Deduct</i>	-0.55	
26 05 29 00-0288	EA	Offset Bracket Only With 1/4" Hole (Caddy AO)	2.04	
		<i>For >50 To 100, Deduct</i>	-0.09	
		<i>For >100 To 250, Deduct</i>	-0.19	
		<i>For >250 To 500, Deduct</i>	-0.37	
		<i>For >500, Deduct</i>	-0.55	
26 05 29 00-0289	EA	Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB).....	2.64	
		<i>For >50 To 100, Deduct</i>	-0.11	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500, Deduct</i>	-0.61	
26 05 29 00-0290	EA	Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB).....	2.65	
		<i>For >50 To 100, Deduct</i>	-0.11	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500, Deduct</i>	-0.61	
26 05 29 00-0291	EA	Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB).....	2.58	
		<i>For >50 To 100, Deduct</i>	-0.11	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500, Deduct</i>	-0.60	
26 05 29 00-0292	EA	Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO).....	2.64	
		<i>For >50 To 100, Deduct</i>	-0.11	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500, Deduct</i>	-0.61	
26 05 29 00-0293	EA	Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO).....	2.65	
		<i>For >50 To 100, Deduct</i>	-0.11	
		<i>For >100 To 250, Deduct</i>	-0.22	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500, Deduct</i>	-0.61	

26 05 29 00-0294 Clips And Accessories (26 05 29 00-0165)

26 05 29 00-0295	EA	1/2" Diameter Center, Bridle Ring (Caddy 2BR)	1.40	
		<i>For >50 To 100, Deduct</i>	-0.06	
		<i>For >100 To 250, Deduct</i>	-0.12	
		<i>For >250 To 500, Deduct</i>	-0.24	
		<i>For >500, Deduct</i>	-0.35	
26 05 29 00-0296	EA	3/4" Diameter Center, Bridle Ring (Caddy 2BR12)	1.42	
		<i>For >50 To 100, Deduct</i>	-0.06	
		<i>For >100 To 250, Deduct</i>	-0.12	
		<i>For >250 To 500, Deduct</i>	-0.24	
		<i>For >500, Deduct</i>	-0.36	
26 05 29 00-0297	EA	1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20)	1.51	
		<i>For >50 To 100, Deduct</i>	-0.06	
		<i>For >100 To 250, Deduct</i>	-0.13	
		<i>For >250 To 500, Deduct</i>	-0.25	
		<i>For >500, Deduct</i>	-0.37	
26 05 29 00-0298	EA	2" Diameter Center, Bridle Ring (Caddy 2BR32)	1.70	
		<i>For >50 To 100, Deduct</i>	-0.07	
		<i>For >100 To 250, Deduct</i>	-0.14	
		<i>For >250 To 500, Deduct</i>	-0.26	
		<i>For >500, Deduct</i>	-0.38	

26 05 29 00-0299 Wire Ties (26 05 29 00-0165)

Note: Per hundred (C).

26 05 29 00-0300	C	3" Length, 18 LB Tensile Strength, Nylon Cable Ties	11.82	
		<i>For UV Black, Add</i>	0.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 29 00-0301	C	4" Length, 18 LB Tensile Strength, Nylon Cable Ties	11.93	
		<i>For UV Black, Add</i>	0.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 29 00-0302	C	4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	12.01	
		<i>For UV Black, Add</i>	0.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 29 00-0303	C	5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	12.04	
		<i>For UV Black, Add</i>	0.46	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 29 00-0304	C	6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	12.46	
		<i>For UV Black, Add</i>	0.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.81	
26 05 29 00-0305	C	8" Length, 18 LB Tensile Strength, Nylon Cable Ties	15.30	
		<i>For UV Black, Add</i>	0.83	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 29 00-0306	C	4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	14.88	
		<i>For UV Black, Add</i>	0.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0307	C		6" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	15.31	
			<i>For UV Black, Add</i>	0.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.81	
26 05 29 00-0308	C		8" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	15.77	
			<i>For UV Black, Add</i>	0.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 29 00-0309	C		10" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	24.35	
			<i>For UV Black, Add</i>	2.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 29 00-0310	C		11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	25.60	
			<i>For UV Black, Add</i>	2.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 29 00-0311	C		7" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	16.65	
			<i>For UV Black, Add</i>	1.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 29 00-0312	C		8" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	15.54	
			<i>For UV Black, Add</i>	0.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 29 00-0313	C		11" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	24.69	
			<i>For UV Black, Add</i>	2.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 29 00-0314	C		14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	28.60	
			<i>For UV Black, Add</i>	2.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.36	
26 05 29 00-0315	C		8" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	28.45	
			<i>For UV Black, Add</i>	2.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 29 00-0316	C		11" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	31.21	
			<i>For UV Black, Add</i>	3.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.17	
26 05 29 00-0317	C		15" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	38.38	
			<i>For UV Black, Add</i>	4.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.36	
26 05 29 00-0318	C		17" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	56.47	
			<i>For UV Black, Add</i>	6.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 29 00-0319	C		17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	54.57	
			<i>For UV Black, Add</i>	6.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.59	
26 05 29 00-0320	C		21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	67.29	
			<i>For UV Black, Add</i>	8.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.76	
26 05 29 00-0321	C		30" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	78.41	
			<i>For UV Black, Add</i>	9.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.94	
26 05 29 00-0322	C		46" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	109.01	
			<i>For UV Black, Add</i>	14.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 29 00-0323	C		3/4" x 3/4" Self Adhesive Tie Mounts.....	28.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.07	
26 05 29 00-0324	C		1.1" x 1.1" Tie Mounts With Screw.....	56.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.15	
26 05 29 00-0325	EA		6" Length x 1/2" Width, Velcro Grip Cable Tie.....	1.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.13	
26 05 29 00-0326	EA		8" Length x 1/2" Width, Velcro Grip Cable Tie.....	1.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.11	
26 05 29 00-0327	EA		12" Length x 1/2" Width, Velcro Grip Cable Tie.....	1.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.11	
26 05 29 00-0328	EA		15" Length x 3/4" Width, Velcro Grip Cable Tie.....	2.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.11	
26 05 29 00-0329	EA		180" Length x 3/4" Width, Velcro Grip Cable Tie Roll.....	54.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.81	
26 05 29 00-0330			Fastening Devices For Wireway And Conduit <small>(26 05 29)</small>		
			Note: Bolts include drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports.		
26 05 29 00-0331			Toggle Bolts <small>(26 05 29 00-0330)</small>		
			Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0332	EA		1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	6.59	
			<i>For >50 To 100, Deduct</i>	-0.64	
			<i>For >100 To 250, Deduct</i>	-1.27	
			<i>For >250 To 500, Deduct</i>	-2.22	
			<i>For >500, Deduct</i>	-3.18	
26 05 29 00-0333	EA		1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	6.77	
			<i>For >50 To 100, Deduct</i>	-0.65	
			<i>For >100 To 250, Deduct</i>	-1.31	
			<i>For >250 To 500, Deduct</i>	-2.28	
			<i>For >500, Deduct</i>	-3.26	
26 05 29 00-0334	EA		3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	7.10	
			<i>For >50 To 100, Deduct</i>	-0.67	
			<i>For >100 To 250, Deduct</i>	-1.35	
			<i>For >250 To 500, Deduct</i>	-2.35	
			<i>For >500, Deduct</i>	-3.35	
26 05 29 00-0335	EA		3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	7.27	
			<i>For >50 To 100, Deduct</i>	-0.69	
			<i>For >100 To 250, Deduct</i>	-1.38	
			<i>For >250 To 500, Deduct</i>	-2.40	
			<i>For >500, Deduct</i>	-3.43	

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0336	EA 1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	7.44	
	For >50 To 100, Deduct	-0.71	
	For >100 To 250, Deduct	-1.41	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-3.51	
26 05 29 00-0337	EA 5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	8.24	
	For >50 To 100, Deduct	-0.74	
	For >100 To 250, Deduct	-1.47	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.66	
26 05 29 00-0338	EA 3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	8.54	
	For >50 To 100, Deduct	-0.76	
	For >100 To 250, Deduct	-1.51	
	For >250 To 500, Deduct	-2.63	
	For >500, Deduct	-3.75	
26 05 29 00-0339	Machine Screws <small>(26 05 29 00-0330)</small>		
	Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0340	EA #8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	1.95	
	For >50 To 100, Deduct	-0.19	
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.67	
	For >500, Deduct	-0.96	
26 05 29 00-0341	EA #10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	1.98	
	For >50 To 100, Deduct	-0.19	
	For >100 To 250, Deduct	-0.38	
	For >250 To 500, Deduct	-0.67	
	For >500, Deduct	-0.96	
26 05 29 00-0342	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.49	
	For >50 To 100, Deduct	-0.24	
	For >100 To 250, Deduct	-0.48	
	For >250 To 500, Deduct	-0.85	
	For >500, Deduct	-1.21	
26 05 29 00-0343	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.58	
	For >50 To 100, Deduct	-0.24	
	For >100 To 250, Deduct	-0.49	
	For >250 To 500, Deduct	-0.85	
	For >500, Deduct	-1.22	
26 05 29 00-0344	EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.15	
	For >50 To 100, Deduct	-0.29	
	For >100 To 250, Deduct	-0.59	
	For >250 To 500, Deduct	-1.02	
	For >500, Deduct	-1.46	
26 05 29 00-0345	Hex Lag Bolts With Lag Shield Expansion Anchors <small>(26 05 29 00-0330)</small>		
	Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0346	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	3.04	
	For >50 To 100, Deduct	-0.26	
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.89	
	For >500, Deduct	-1.26	
26 05 29 00-0347	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	3.01	
	For >50 To 100, Deduct	-0.26	
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.89	
	For >500, Deduct	-1.26	
26 05 29 00-0348	EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	4.13	
	For >50 To 100, Deduct	-0.32	
	For >100 To 250, Deduct	-0.64	
	For >250 To 500, Deduct	-1.10	
	For >500, Deduct	-1.56	
26 05 29 00-0349	EA 1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	5.19	
	For >50 To 100, Deduct	-0.38	
	For >100 To 250, Deduct	-0.76	
	For >250 To 500, Deduct	-1.31	
	For >500, Deduct	-1.85	
26 05 29 00-0350	Hanger Lag Bolts With Hex Nuts <small>(26 05 29 00-0330)</small>		
	Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0351	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	2.28	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.69	
	For >500, Deduct	-0.99	
26 05 29 00-0352	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	2.31	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.70	
	For >500, Deduct	-0.99	
26 05 29 00-0353	EA 3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	2.72	
	For >50 To 100, Deduct	-0.23	
	For >100 To 250, Deduct	-0.46	
	For >250 To 500, Deduct	-0.79	
	For >500, Deduct	-1.12	

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

26 05 29 00-0354	Hollow Wall Screw Anchors <small>(26 05 29 00-0330)</small>		
26 05 29 00-0355	EA 6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.35	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.41	
	For >500, Deduct	-0.59	
26 05 29 00-0356	EA 6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.38	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.42	
	For >500, Deduct	-0.59	
26 05 29 00-0357	EA 6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.44	
	For >50 To 100, Deduct	-0.12	
	For >100 To 250, Deduct	-0.24	
	For >250 To 500, Deduct	-0.42	
	For >500, Deduct	-0.60	
26 05 29 00-0358	EA 10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.80	
	For >50 To 100, Deduct	-0.14	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.50	
	For >500, Deduct	-0.71	
26 05 29 00-0359	EA 10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.87	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.51	
	For >500, Deduct	-0.72	
26 05 29 00-0360	EA 10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.89	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.29	
	For >250 To 500, Deduct	-0.51	
	For >500, Deduct	-0.72	
26 05 29 00-0361	EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.91	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.51	
	For >500, Deduct	-0.72	
26 05 29 00-0362	EA 1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.01	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.52	
	For >500, Deduct	-0.73	
26 05 29 00-0363	EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.05	
	For >50 To 100, Deduct	-0.15	
	For >100 To 250, Deduct	-0.30	
	For >250 To 500, Deduct	-0.52	
	For >500, Deduct	-0.74	
26 05 29 00-0364	Lead Screw Anchors <small>(26 05 29 00-0330)</small>		
	Note: Includes screw.		
26 05 29 00-0365	EA #6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw	3.21	
	For >50 To 100, Deduct	-0.30	
	For >100 To 250, Deduct	-0.60	
	For >250 To 500, Deduct	-1.05	
	For >500, Deduct	-1.49	
26 05 29 00-0366	EA #10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	3.79	
	For >50 To 100, Deduct	-0.35	
	For >100 To 250, Deduct	-0.70	
	For >250 To 500, Deduct	-1.22	
	For >500, Deduct	-1.74	
26 05 29 00-0367	EA #16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw	5.07	
	For >50 To 100, Deduct	-0.45	
	For >100 To 250, Deduct	-0.90	
	For >250 To 500, Deduct	-1.57	
	For >500, Deduct	-2.23	
26 05 29 00-0368	Acoustical T-Bar Clips <small>(26 05 29 00-0330)</small>		
	Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0369	EA 1/2" Conduit, Push-In Acoustical T-Bar Clip	5.13	
	For >50 To 100, Deduct	-0.40	
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.39	
	For >500, Deduct	-1.98	
26 05 29 00-0370	EA 3/4" Conduit, Push-In Acoustical T-Bar Clip	5.39	
	For >50 To 100, Deduct	-0.42	
	For >100 To 250, Deduct	-0.85	
	For >250 To 500, Deduct	-1.47	
	For >500, Deduct	-2.08	
26 05 29 00-0371	EA 1" Conduit, Push-In Acoustical T-Bar Clip	5.84	
	For >50 To 100, Deduct	-0.45	
	For >100 To 250, Deduct	-0.90	
	For >250 To 500, Deduct	-1.56	
	For >500, Deduct	-2.21	
26 05 29 00-0372	Threaded Rod, Accessories And Attachments <small>(26 05 29)</small>		
26 05 29 00-0373	Threaded Rod And Rod Accessories <small>(26 05 29 00-0372)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 29 Hangers And Supports For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0374			Carbon Steel Threaded Rod (26 05 29 00-0373) Note: Includes plain finish.		
26 05 29 00-0375	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.36	0.54
			For Galvanized, Add	0.52	
			For Zinc Coated, Add	0.37	
26 05 29 00-0376	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.19	0.57
			For Galvanized, Add	0.82	
			For Zinc Coated, Add	0.58	
26 05 29 00-0377	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.36	0.59
			For Galvanized, Add	1.27	
			For Zinc Coated, Add	0.91	
26 05 29 00-0378	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.00	0.61
			For Galvanized, Add	2.31	
			For Zinc Coated, Add	1.65	
26 05 29 00-0379	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.61	0.63
			For Galvanized, Add	2.54	
			For Zinc Coated, Add	1.81	
26 05 29 00-0380	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.36	0.71
			For Galvanized, Add	3.57	
			For Zinc Coated, Add	2.54	
26 05 29 00-0381	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	12.85	0.79
			For Galvanized, Add	4.50	
			For Zinc Coated, Add	3.21	
26 05 29 00-0382			Threaded Rod Couplings (26 05 29 00-0373)		
26 05 29 00-0383	EA		3/8" Diameter, Threaded Rod Coupling Nut	6.62	
26 05 29 00-0384	EA		1/2" Diameter, Threaded Rod Coupling Nut	7.48	
26 05 29 00-0385	EA		5/8" Diameter, Threaded Rod Coupling Nut	9.15	
26 05 29 00-0386	EA		3/4" Diameter, Threaded Rod Coupling Nut	10.92	
26 05 29 00-0387	EA		7/8" Diameter, Threaded Rod Coupling Nut	15.26	
26 05 29 00-0388	EA		1" Diameter, Threaded Rod Coupling Nut	18.07	
26 05 29 00-0389	EA		1-1/8" Diameter, Threaded Rod Coupling Nut	32.53	
26 05 29 00-0390			Flat Washers (26 05 29 00-0373)		
26 05 29 00-0391	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.57	0.21
			For Galvanized, Add	0.02	
26 05 29 00-0392	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.71	0.21
			For Galvanized, Add	0.04	
26 05 29 00-0393	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.89	0.21
			For Galvanized, Add	0.08	
26 05 29 00-0394	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.07	0.43
			For Galvanized, Add	0.12	
26 05 29 00-0395	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.19	0.43
			For Galvanized, Add	0.14	
26 05 29 00-0396	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	0.43
			For Galvanized, Add	0.17	
26 05 29 00-0397	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.56	0.43
			For Galvanized, Add	0.19	
26 05 29 00-0398			Malleable Iron Eye Sockets (26 05 29 00-0373) Note: Type 16.		
26 05 29 00-0399	EA		3/8" Rod Size, Malleable Iron Eye Socket	7.88	
26 05 29 00-0400	EA		1/2" Rod Size, Malleable Iron Eye Socket	9.42	
26 05 29 00-0401	EA		5/8" Rod Size, Malleable Iron Eye Socket	16.35	
26 05 29 00-0402	EA		3/4" Rod Size, Malleable Iron Eye Socket	23.29	
26 05 29 00-0403	EA		7/8" Rod Size, Malleable Iron Eye Socket	24.82	
26 05 29 00-0404			Hex Nuts (26 05 29 00-0373)		
26 05 29 00-0405	EA		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.55	0.21
			For Galvanized, Add	0.02	
26 05 29 00-0406	EA		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.68	0.21
			For Galvanized, Add	0.04	
26 05 29 00-0407	EA		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.89	0.21
			For Galvanized, Add	0.08	
26 05 29 00-0408	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.04	0.43
			For Galvanized, Add	0.11	
26 05 29 00-0409	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.45	0.43
			For Galvanized, Add	0.21	
26 05 29 00-0410	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.83	0.43
			For Galvanized, Add	0.28	
26 05 29 00-0411	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.91	0.43
			For Galvanized, Add	0.53	
26 05 29 00-0412			Forged Steel Turnbuckles (26 05 29 00-0373) Note: Type 13.		
26 05 29 00-0413	EA		3/8" Thread Diameter, Forged Steel Turnbuckle Body	19.40	
26 05 29 00-0414	EA		1/2" Thread Diameter, Forged Steel Turnbuckle Body	23.91	
26 05 29 00-0415	EA		5/8" Thread Diameter, Forged Steel Turnbuckle Body	31.88	
26 05 29 00-0416	EA		3/4" Thread Diameter, Forged Steel Turnbuckle Body	39.39	
26 05 29 00-0417	EA		7/8" Thread Diameter, Forged Steel Turnbuckle Body	95.99	
26 05 29 00-0418	EA		1" Thread Diameter, Forged Steel Turnbuckle Body	64.36	

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

26 05 29 00-0419	EA		1-1/4" Thread Diameter, Forged Steel Turnbuckle Body 128.61		
26 05 29 00-0420 Attachments (26 05 29 00-0372)					
26 05 29 00-0421 Welded Beam Attachments (26 05 29 00-0420)					
Note: Type 22.					
26 05 29 00-0422	EA		3/8" Rod Size, Welded Beam Attachment 35.72		8.60
26 05 29 00-0423	EA		1/2" Rod Size, Welded Beam Attachment 38.07		9.03
26 05 29 00-0424	EA		5/8" Rod Size, Welded Beam Attachment 40.51		9.54
26 05 29 00-0425	EA		3/4" Rod Size, Welded Beam Attachment 51.24		10.14
26 05 29 00-0426	EA		7/8" Rod Size, Welded Beam Attachment 61.19		10.74
26 05 29 00-0427	EA		1" Rod Size, Welded Beam Attachment 85.15		12.30
26 05 29 00-0428	EA		1-1/8" Rod Size, Welded Beam Attachment 119.62		12.90
26 05 29 00-0429 C-Clamp Style Beam Clamps (26 05 29 00-0420)					
Note: Type 23. Top or bottom flange mount.					
26 05 29 00-0430	EA		3/8" Rod Size, C-Clamp Style Beam Clamp 13.03		6.45
26 05 29 00-0431	EA		1/2" Rod Size, C-Clamp Style Beam Clamp 15.40		6.89
26 05 29 00-0432	EA		5/8" Rod Size, C-Clamp Style Beam Clamp 17.40		7.38
26 05 29 00-0433	EA		3/4" Rod Size, C-Clamp Style Beam Clamp 22.10		7.95
26 05 29 00-0434	EA		7/8" Rod Size, C-Clamp Style Beam Clamp 31.54		8.61
26 05 29 00-0435 Bottom Mount I-Beam Clamps (26 05 29 00-0420)					
Note: Type 21. For attaching threaded rod centered under beam flanges.					
26 05 29 00-0436	EA		3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp 34.24		8.61
26 05 29 00-0437	EA		1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp 49.74		9.40
26 05 29 00-0438	EA		5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp 70.50		10.33
26 05 29 00-0439	EA		3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp 84.23		11.48
26 05 29 00-0440	EA		1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp 201.27		12.92
26 05 29 00-0441 Steel U-Bolts (26 05 29 00-0420)					
Note: Type 24. Includes plate and nuts.					
26 05 29 00-0442	EA		1/2" Pipe Size, Zinc Plated Steel, U-Bolt 10.60		5.17
26 05 29 00-0443	EA		3/4" Pipe Size, Zinc Plated Steel, U-Bolt 11.47		5.44
26 05 29 00-0444	EA		1" Pipe Size, Zinc Plated Steel, U-Bolt 12.33		5.74
26 05 29 00-0445	EA		1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt 13.94		6.08
26 05 29 00-0446	EA		1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt 14.42		6.45
26 05 29 00-0447	EA		2" Pipe Size, Zinc Plated Steel, U-Bolt 15.43		6.89
26 05 29 00-0448	EA		2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt 21.77		7.38
26 05 29 00-0449	EA		3" Pipe Size, Zinc Plated Steel, U-Bolt 23.97		7.95
26 05 29 00-0450	EA		4" Pipe Size, Zinc Plated Steel, U-Bolt 28.78		8.61
26 05 29 00-0451 Stainless Steel Threaded Rod (26 05 29 00-0372)					
26 05 29 00-0452	LF		1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod 1.99		0.43
			<i>For 316 Stainless Steel, Add</i>	0.46	
26 05 29 00-0453	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod 2.88		0.47
			<i>For 316 Stainless Steel, Add</i>	0.79	
26 05 29 00-0454	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod 3.65		0.54
			<i>For 316 Stainless Steel, Add</i>	1.04	
26 05 29 00-0455	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod 4.95		0.55
			<i>For 316 Stainless Steel, Add</i>	1.56	
26 05 29 00-0456	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod 5.88		0.57
			<i>For 316 Stainless Steel, Add</i>	1.92	
26 05 29 00-0457	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod 8.62		0.58
			<i>For 316 Stainless Steel, Add</i>	3.02	
26 05 29 00-0458	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod 11.92		0.59
			<i>For 316 Stainless Steel, Add</i>	4.35	
26 05 29 00-0459	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod 16.27		0.61
			<i>For 316 Stainless Steel, Add</i>	6.10	
26 05 29 00-0460	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod 20.87		0.71
			<i>For 316 Stainless Steel, Add</i>	7.87	
26 05 29 00-0461	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod 43.75		0.86
			<i>For 316 Stainless Steel, Add</i>	16.99	
26 05 29 00-0462 Polyvinyl Chloride (PVC) Coated Supports (26 05 29)					
Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.					
26 05 29 00-0463 Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0462)					
26 05 29 00-0464 Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)					
26 05 29 00-0465	EA		1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 42.98		17.20
26 05 29 00-0466	EA		3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 46.73		18.74
26 05 29 00-0467	EA		1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 50.04		20.63
26 05 29 00-0468	EA		1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 59.49		22.95
26 05 29 00-0469	EA		1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 68.52		25.80
26 05 29 00-0470	EA		2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 81.23		28.37
26 05 29 00-0471	EA		2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 88.81		30.95
26 05 29 00-0472	EA		3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 97.65		33.53
26 05 29 00-0473	EA		3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 103.32		36.11
26 05 29 00-0474	EA		4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp 111.58		38.68

26 Electrical
26 05 Common Work Results For Electrical
26 05 29 Hangers And Supports For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0475 Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)					
	EA		1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	45.74	17.20
	EA		3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	48.61	18.74
	EA		1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	55.65	20.63
	EA		1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.49	22.95
	EA		1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.29	25.80
	EA		2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	79.91	28.37
	EA		2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	91.31	30.95
	EA		3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.96	33.53
	EA		3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	107.50	36.11
	EA		4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	112.14	38.68
26 05 29 00-0486 Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps (26 05 29 00-0463)					
	EA		1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	43.44	17.03
	EA		3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	46.79	18.57
	EA		1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	52.86	20.63
	EA		1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.56	22.70
	EA		1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	79.09	25.80
	EA		2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	86.75	28.37
26 05 29 00-0493 Polyvinyl Chloride (PVC) Coated Conduit Straps (26 05 29 00-0462)					
26 05 29 00-0494 One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)					
	EA		1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	4.80	0.51
	EA		3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	5.20	0.51
	EA		1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	7.56	0.51
	EA		1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.16	0.51
	EA		1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.01	0.51
	EA		2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.95	0.51
	EA		2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	23.86	0.51
	EA		3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.91	0.51
	EA		3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	56.34	0.51
	EA		4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	59.87	0.51
26 05 29 00-0505 Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps (26 05 29 00-0493)					
	EA		1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.46	1.03
	EA		3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.50	1.03
	EA		1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	9.74	1.03
	EA		1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.18	1.03
	EA		1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.51	1.03
	EA		2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	14.30	1.03
	EA		2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.05	1.03
	EA		3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.76	1.03
	EA		3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	17.88	1.03
	EA		4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	19.37	1.03
26 05 29 00-0516 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0462)					
26 05 29 00-0517 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer (26 05 29 00-0516)					
	EA		1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	8.61	1.03
	EA		3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	9.97	1.03
	EA		1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	12.45	1.03
	EA		1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	14.52	1.03
	EA		1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	19.33	1.03
	EA		2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	31.66	1.03
	EA		2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	47.03	1.03
	EA		3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	64.11	1.03
	EA		3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	111.98	1.03
	EA		4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	111.98	1.03
26 05 29 00-0528 Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories (26 05 29 00-0462)					
26 05 29 00-0529 Polyvinyl Chloride (PVC) Coated Threaded Rod (26 05 29 00-0528)					
	LF		3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	5.91	0.69
	LF		1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	7.27	0.77
26 05 29 00-0532 Attachments (26 05 29 00-0462)					
26 05 29 00-0533 Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts (26 05 29 00-0532)					
	EA		1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	12.71	5.17
	EA		3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	13.16	5.42
	EA		1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	13.87	5.77
	EA		1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	14.75	6.11
	EA		1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	15.70	6.45
	EA		2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	17.53	6.89
	EA		2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	24.52	7.41
	EA		3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	25.79	7.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0542	EA		4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	27.53	8.61
26 05 29 00-0543	EA		5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	43.63	9.82
26 05 29 00-0544	EA		6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts.....	53.83	11.36
26 05 29 00-0545			Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps <small>(26 05 29 00-0532)</small>		
26 05 29 00-0546	EA		1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	43.85	17.03
26 05 29 00-0547	EA		5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	50.44	17.03
26 05 29 00-0548	EA		3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	53.15	17.03
26 05 29 00-0549	EA		1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	58.41	18.05
26 05 29 00-0550	EA		1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	68.25	20.63
26 05 29 00-0551			Polyvinyl Chloride (PVC) Coated Pipe Straps <small>(26 05 29 00-0532)</small>		
			Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552	EA		1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	15.46	5.67
26 05 29 00-0553	EA		3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	16.32	6.19
26 05 29 00-0554	EA		1" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	17.77	6.70
26 05 29 00-0555	EA		1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	20.08	7.74
26 05 29 00-0556	EA		1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	22.94	8.77
26 05 29 00-0557	EA		2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	25.35	9.28
26 05 29 00-0558	EA		2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	28.05	10.31
26 05 29 00-0559	EA		3" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	33.04	11.34
26 05 29 00-0560	EA		3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	35.94	11.87
26 05 29 00-0561	EA		4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	37.92	12.90
26 05 29 00-0562	EA		5" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	40.73	14.44
26 05 29 00-0563			Polyvinyl Chloride (PVC) Coated Channel <small>(26 05 29 00-0462)</small>		
26 05 29 00-0564	LF		Polyvinyl Chloride (PVC) Coated Channel, A12.....	14.90	2.58
26 05 29 00-0565	LF		Polyvinyl Chloride (PVC) Coated Channel, A12A.....	26.05	3.61
26 05 29 00-0566	LF		Polyvinyl Chloride (PVC) Coated Channel, A12P.....	15.85	2.58
26 05 29 00-0567	LF		Polyvinyl Chloride (PVC) Coated Channel, C14.....	11.98	2.58
26 05 29 00-0568	LF		Polyvinyl Chloride (PVC) Coated Channel, C14P.....	12.57	2.58
26 05 29 00-0569			Polymer Concrete Pads <small>(26 05 29 00-0569)</small>		
			Note: Excludes excavation and backfill.		
26 05 29 00-0570			Polymer Concrete, Box Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0571	EA		24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	739.04	90.18
26 05 29 00-0572	EA		25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	762.13	90.18
26 05 29 00-0573	EA		40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	974.27	90.18
26 05 29 00-0574	EA		40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	1,009.44	90.18
26 05 29 00-0575	EA		52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	941.52	90.18
26 05 29 00-0576	EA		44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	1,107.63	90.18
26 05 29 00-0577	EA		40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	1,235.00	90.18
26 05 29 00-0578	EA		52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	1,196.79	112.72
26 05 29 00-0579	EA		74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	1,791.89	112.72
26 05 29 00-0580	EA		93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	2,389.93	112.72
26 05 29 00-0581			Polymer Concrete, Telecommunications Equipment Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0582	EA		42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	366.30	52.56
26 05 29 00-0583	EA		48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	429.37	52.56
26 05 29 00-0584	EA		60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	548.69	67.64
26 05 29 00-0585	EA		54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	572.13	67.64
26 05 29 00-0586	EA		57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	810.73	67.64
26 05 29 00-0587	EA		72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	843.89	67.64
26 05 29 00-0588	EA		64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	905.68	67.64
26 05 29 00-0589	EA		72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	905.68	67.64
26 05 29 00-0590	EA		76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,681.96	67.64
26 05 29 00-0591	EA		96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,903.47	67.64
26 05 29 00-0592			Polymer Concrete, Electrical Equipment Pads <small>(26 05 29 00-0569)</small>		
26 05 29 00-0593	EA		24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	232.73	52.56
26 05 29 00-0594	EA		24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	248.95	52.56
26 05 29 00-0595	EA		24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	263.72	52.56
26 05 29 00-0596	EA		24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	312.77	52.56
26 05 29 00-0597	EA		40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	290.88	52.56
26 05 29 00-0598	EA		42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	301.19	52.56
26 05 29 00-0599	EA		48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	327.94	52.56
26 05 29 00-0600	EA		48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	343.54	52.56
26 05 29 00-0601	EA		54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	395.64	52.56
26 05 29 00-0602	EA		56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	481.46	52.56
26 05 29 00-0603	EA		64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	695.78	67.64
26 05 29 00-0604	EA		66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	727.15	67.64
26 05 29 00-0605	EA		75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	737.04	67.64
26 05 29 00-0606	EA		90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	802.98	67.64
26 05 29 00-0607	EA		84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,684.94	67.64
26 05 29 00-0608	EA		96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,980.36	67.64

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 05 33 Raceway And Boxes For Electrical Systems (26 05)**26 05 33 13 Conduit For Electrical Systems** (26 05 33)

26 05 33 13-0001	Conduit Assemblies <small>(26 05 33 13)</small> Note: With fittings and wire.		
26 05 33 13-0002	Electrical Metallic Tubing (EMT) Conduit Assemblies <small>(26 05 33 13-0001)</small> Note: Includes conduit, set screw connectors, set screw couplings, straps, and wire as indicated. Per CLF.		
26 05 33 13-0003	CLF 1/2" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	555.19	258.65
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	155.19	
26 05 33 13-0004	CLF 1/2" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	607.80	282.63
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	169.56	
26 05 33 13-0005	CLF 1/2" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	587.03	270.52
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	162.30	
26 05 33 13-0006	CLF 1/2" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	650.94	298.74
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	179.24	
26 05 33 13-0007	CLF 3/4" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	637.94	294.89
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	176.93	
26 05 33 13-0008	CLF 3/4" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	691.30	319.02
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	191.42	
26 05 33 13-0009	CLF 3/4" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly.....	743.80	342.91
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	205.76	
26 05 33 13-0010	CLF 3/4" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly.....	796.62	366.96
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	220.19	
26 05 33 13-0011	CLF 3/4" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	670.16	306.75
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	184.05	
26 05 33 13-0012	CLF 3/4" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	733.66	334.81
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	200.87	
26 05 33 13-0013	CLF 3/4" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly.....	796.77	362.64
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	217.58	
26 05 33 13-0014	CLF 3/4" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly.....	859.86	390.46
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	234.27	
26 05 33 13-0015	CLF 1" Electrical Metallic Tubing (EMT) With 3 #12 THHN/THWN Assembly.....	780.86	355.56
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	213.35	
26 05 33 13-0016	CLF 1" Electrical Metallic Tubing (EMT) With 4 #12 THHN/THWN Assembly.....	832.69	379.14
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	227.48	
26 05 33 13-0017	CLF 1" Electrical Metallic Tubing (EMT) With 5 #12 THHN/THWN Assembly.....	881.13	403.19
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	242.02	
26 05 33 13-0018	CLF 1" Electrical Metallic Tubing (EMT) With 6 #12 THHN/THWN Assembly.....	937.55	427.24
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	256.12	
26 05 33 13-0019	CLF 1" Electrical Metallic Tubing (EMT) With 3 #10 THHN/THWN Assembly.....	811.82	366.96
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	220.19	
26 05 33 13-0020	CLF 1" Electrical Metallic Tubing (EMT) With 4 #10 THHN/THWN Assembly.....	874.61	394.70
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	236.80	
26 05 33 13-0021	CLF 1" Electrical Metallic Tubing (EMT) With 5 #10 THHN/THWN Assembly.....	938.55	423.00
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	253.76	
26 05 33 13-0022	CLF 1" Electrical Metallic Tubing (EMT) With 6 #10 THHN/THWN Assembly.....	1,003.00	450.59
	Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
	<i>For Work In Restricted Working Space, Add</i>	270.63	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI		UNIT COST	UNIT COST

26 05 33 13-0023		Rigid Galvanized Steel (RGS) Conduit Assemblies <small>(26 05 33 13-0001)</small> Note: Includes conduit, terminations, straps, and wire as indicated. Per CLF.		
26 05 33 13-0024	CLF	1/2" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	652.06 173.30	288.84
26 05 33 13-0025	CLF	1/2" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	705.15 187.82	313.05
26 05 33 13-0026	CLF	1/2" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	683.93 180.42	300.70
26 05 33 13-0027	CLF	1/2" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	746.32 196.91	328.21
26 05 33 13-0028	CLF	3/4" Rigid Galvanized Steel (RGS) With 3 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	742.48 196.21	327.03
26 05 33 13-0029	CLF	3/4" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	921.79 248.59	414.35
26 05 33 13-0030	CLF	3/4" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	846.85 224.69	374.51
26 05 33 13-0031	CLF	3/4" Rigid Galvanized Steel (RGS) With 3 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	773.60 203.10	338.74
26 05 33 13-0032	CLF	3/4" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	836.53 219.75	366.65
26 05 33 13-0033	CLF	3/4" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	900.80 236.80	394.47
26 05 33 13-0034	CLF	1" Rigid Galvanized Steel (RGS) With 4 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	944.60 245.81	409.47
26 05 33 13-0035	CLF	1" Rigid Galvanized Steel (RGS) With 5 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	995.79 259.75	433.45
26 05 33 13-0036	CLF	1" Rigid Galvanized Steel (RGS) With 6 #12 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,050.29 274.69	457.34
26 05 33 13-0037	CLF	1" Rigid Galvanized Steel (RGS) With 4 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	985.88 254.93	425.19
26 05 33 13-0038	CLF	1" Rigid Galvanized Steel (RGS) With 5 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,050.11 271.97	453.02
26 05 33 13-0039	CLF	1" Rigid Galvanized Steel (RGS) With 6 #10 THHN/THWN Wire Assembly..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,112.25 288.39	480.92
26 05 33 13-0040		Conduit <small>(26 05 33 13)</small> Note: Includes warning tape for underground conduits. Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0041		Conduit Installed Above Grade <small>(26 05 33 13-0040)</small> See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.		
26 05 33 13-0042		Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0041)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0043		Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <small>(26 05 33 13-0042)</small> Note: Includes field bending for conduit up to 1".		
26 05 33 13-0044	LF	1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	5.50 1.30 0.65 -0.06 -0.30 -0.44 0.43 1.08 0.65	1.72
26 05 33 13-0045	LF	3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	6.16 1.41 0.71 -0.07 -0.34 -0.50 0.47 1.18 0.71	1.88
26 05 33 13-0046	LF	1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	7.75 1.65 0.83 -0.11 -0.44 -0.64 0.55 1.38 0.83	2.21

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0047	LF		1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	9.28	2.52
			For Work In Restricted Working Space, Add	1.89	
			For Installation Above 14', Add	0.94	
			For >250 To 500, Deduct	-0.15	
			For >500 To 1,000, Deduct	-0.54	
			For >1,000, Deduct	-0.77	
			For Installation In Metal Stud Wall, Add	0.63	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.57	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.94	
26 05 33 13-0048	LF		1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.75	2.83
			For Work In Restricted Working Space, Add	2.12	
			For Installation Above 14', Add	1.06	
			For >250 To 500, Deduct	-0.18	
			For >500 To 1,000, Deduct	-0.63	
			For >1,000, Deduct	-0.90	
			For Installation In Metal Stud Wall, Add	0.71	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.77	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.06	
26 05 33 13-0049	LF		2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	13.54	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Installation Above 14', Add	1.30	
			For >250 To 500, Deduct	-0.25	
			For >500 To 1,000, Deduct	-0.80	
			For >1,000, Deduct	-1.14	
			For Installation In Metal Stud Wall, Add	0.86	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.16	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.30	
26 05 33 13-0050	LF		2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	19.92	4.71
			For Work In Restricted Working Space, Add	3.54	
			For Installation Above 14', Add	1.77	
			For >250 To 500, Deduct	-0.41	
			For >500 To 1,000, Deduct	-1.20	
			For >1,000, Deduct	-1.70	
			For Installation In Metal Stud Wall, Add	1.18	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.95	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.77	
26 05 33 13-0051	LF		3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	26.06	6.29
			For Work In Restricted Working Space, Add	4.72	
			For Installation Above 14', Add	2.36	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-1.56	
			For >1,000, Deduct	-2.21	
			For Installation In Metal Stud Wall, Add	1.57	
			For Installation In Wood Stud Wall (Includes Drilling), Add	3.93	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.36	
26 05 33 13-0052	LF		3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	32.27	7.86
			For Work In Restricted Working Space, Add	5.90	
			For Installation Above 14', Add	2.95	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-1.93	
			For >1,000, Deduct	-2.74	
			For Installation In Metal Stud Wall, Add	1.97	
			For Installation In Wood Stud Wall (Includes Drilling), Add	4.91	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.95	
26 05 33 13-0053	LF		4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	38.26	9.43
			For Work In Restricted Working Space, Add	7.07	
			For Installation Above 14', Add	3.54	
			For >250 To 500, Deduct	-0.73	
			For >500 To 1,000, Deduct	-2.28	
			For >1,000, Deduct	-3.24	
			For Installation In Metal Stud Wall, Add	2.36	
			For Installation In Wood Stud Wall (Includes Drilling), Add	5.90	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.54	
26 05 33 13-0054	LF		5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	59.62	11.95
			For Work In Restricted Working Space, Add	8.96	
			For Installation Above 14', Add	4.48	
			For >250 To 500, Deduct	-1.49	
			For >500 To 1,000, Deduct	-3.73	
			For >1,000, Deduct	-5.22	
			For Installation In Metal Stud Wall, Add	2.99	
			For Installation In Wood Stud Wall (Includes Drilling), Add	7.47	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.48	
26 05 33 13-0055	LF		6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	79.54	15.09
			For Work In Restricted Working Space, Add	11.32	
			For Installation Above 14', Add	5.66	
			For >250 To 500, Deduct	-2.09	
			For >500 To 1,000, Deduct	-5.02	
			For >1,000, Deduct	-7.01	
			For Installation In Metal Stud Wall, Add	3.77	
			For Installation In Wood Stud Wall (Includes Drilling), Add	9.43	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	5.66	
26 05 33 13-0056			Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <small>(26 05 33 13-0042)</small>		
			See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0057	EA		1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	23.42	7.78
			For Work In Restricted Working Space, Add	5.86	
			For Installation Above 14', Add	2.93	
26 05 33 13-0058	EA		3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	29.41	9.66
			For Work In Restricted Working Space, Add	7.28	
			For Installation Above 14', Add	3.64	

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

26 05 33 13-0059	EA		1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	37.50 8.87 4.44	11.87
26 05 33 13-0060	EA		1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	47.91 10.31 5.15	13.75
26 05 33 13-0061	EA		1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	55.60 11.83 5.92	15.80
26 05 33 13-0062	EA		2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	65.59 13.01 6.51	17.37
26 05 33 13-0063	EA		2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	93.80 16.27 8.13	21.69
26 05 33 13-0064	EA		3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	132.80 22.16 11.08	29.55
26 05 33 13-0065	EA		3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	175.45 25.00 12.50	33.32
26 05 33 13-0066	EA		4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	214.61 32.53 16.27	43.39
26 05 33 13-0067	EA		5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	351.05 53.06 26.53	70.74
26 05 33 13-0068	EA		6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	527.75 79.69 39.84	106.26
26 05 33 13-0069			Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0070	EA		1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	23.42 5.86 2.93	7.78
26 05 33 13-0071	EA		3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	29.41 7.28 3.64	9.66
26 05 33 13-0072	EA		1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	37.50 8.87 4.44	11.87
26 05 33 13-0073	EA		1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	47.91 10.31 5.15	13.75
26 05 33 13-0074	EA		1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	55.60 11.83 5.92	15.80
26 05 33 13-0075	EA		2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	65.59 13.01 6.51	17.37
26 05 33 13-0076	EA		2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	92.19 16.27 8.13	21.69
26 05 33 13-0077	EA		3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	126.54 22.16 11.08	29.55
26 05 33 13-0078	EA		3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	166.64 25.00 12.50	33.32
26 05 33 13-0079	EA		4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	202.90 32.53 16.27	43.39
26 05 33 13-0080	EA		5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	351.05 53.06 26.53	70.74
26 05 33 13-0081	EA		6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	527.75 79.69 39.84	106.26
26 05 33 13-0082			Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0083	EA		1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	57.70 11.65 5.82	19.41
26 05 33 13-0084	EA		1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	66.48 13.49 6.74	22.48
26 05 33 13-0085	EA		1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	76.89 15.33 7.66	25.54
26 05 33 13-0086	EA		2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	86.59 16.86 8.43	28.10
26 05 33 13-0087			Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0088	EA		1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	62.59 11.65 5.82	19.41
26 05 33 13-0089	EA		1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	72.77 13.49 6.74	22.48
26 05 33 13-0090	EA		1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	79.75 15.33 7.66	25.54
26 05 33 13-0091	EA		2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	89.80 16.86 8.43	28.10
26 05 33 13-0092	EA		2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	119.25 21.15 10.57	35.25
26 05 33 13-0093	EA		3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	160.53 28.82 14.41	48.02
26 05 33 13-0094			Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0095	EA		1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	62.82 11.65 5.82	19.41
26 05 33 13-0096	EA		1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	72.15 13.49 6.74	22.48
26 05 33 13-0097	EA		1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	82.85 15.33 7.66	25.54
26 05 33 13-0098	EA		2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	96.73 16.86 8.43	28.10
26 05 33 13-0099	EA		2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	125.70 21.15 10.57	35.25
26 05 33 13-0100	EA		3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	165.74 28.82 14.41	48.02
26 05 33 13-0101	EA		3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	206.82 32.49 16.25	54.15
26 05 33 13-0102	EA		4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	251.07 42.30 21.15	70.49
26 05 33 13-0103			Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0104	EA		1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	70.62 11.65 5.82	19.41
26 05 33 13-0105	EA		1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	79.81 13.49 6.74	22.48
26 05 33 13-0106	EA		1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	88.58 15.33 7.66	25.54
26 05 33 13-0107	EA		2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	105.18 16.86 8.43	28.10
26 05 33 13-0108	EA		2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	137.23 21.15 10.57	35.25
26 05 33 13-0109	EA		3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	183.81 28.82 14.41	48.02
26 05 33 13-0110	EA		3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	224.39 32.49 16.25	54.15
26 05 33 13-0111	EA		4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	265.08 42.30 21.15	70.49
26 05 33 13-0112			Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <small>(26 05 33 13-0042)</small> See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0113	EA		1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	70.15 11.65 5.82	19.41
26 05 33 13-0114	EA		1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.50 13.49 6.74	22.48
26 05 33 13-0115	EA		1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	94.74 15.33 7.66	25.54

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

26 05 33 13-0116	EA		2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	113.23 16.86 8.43	28.10
26 05 33 13-0117	EA		2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	148.29 21.15 10.57	35.25
26 05 33 13-0118	EA		3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	198.08 28.82 14.41	48.02
26 05 33 13-0119	EA		3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	241.75 32.49 16.25	54.15
26 05 33 13-0120	EA		4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	290.78 42.30 21.15	70.49
26 05 33 13-0121	EA		5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	422.27 68.97 34.48	114.94
26 05 33 13-0122			Rigid Galvanized Steel (RGS) 36" Large Radius Elbow (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0123	EA		1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	74.32 11.65 5.82	19.41
26 05 33 13-0124	EA		1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	88.30 13.49 6.74	22.48
26 05 33 13-0125	EA		1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	105.54 15.33 7.66	25.54
26 05 33 13-0126	EA		2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	119.52 16.86 8.43	28.10
26 05 33 13-0127	EA		2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	161.40 21.15 10.57	35.25
26 05 33 13-0128	EA		3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	210.28 28.82 14.41	48.02
26 05 33 13-0129	EA		3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	264.18 32.49 16.25	54.15
26 05 33 13-0130	EA		4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	302.87 42.30 21.15	70.49
26 05 33 13-0131	EA		5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	520.93 68.97 34.48	114.94
26 05 33 13-0132	EA		6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	665.10 103.61 51.80	172.67
26 05 33 13-0133			Rigid Galvanized Steel (RGS) 42" Large Radius Elbow (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0134	EA		1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	80.42 11.65 5.82	19.41
26 05 33 13-0135	EA		1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	95.76 13.49 6.74	22.48
26 05 33 13-0136	EA		1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	113.46 15.33 7.66	25.54
26 05 33 13-0137	EA		2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	127.80 16.86 8.43	28.10
26 05 33 13-0138	EA		2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	171.44 21.15 10.58	35.25
26 05 33 13-0139	EA		3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	228.16 28.82 14.41	48.02
26 05 33 13-0140	EA		3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	282.11 32.49 16.25	54.15
26 05 33 13-0141	EA		4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	354.47 42.30 21.15	70.49
26 05 33 13-0142	EA		5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	592.11 68.97 34.48	114.94
26 05 33 13-0143	EA		6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	726.73 103.61 51.80	172.67
26 05 33 13-0144			Rigid Galvanized Steel (RGS) 48" Large Radius Elbow (26 05 33 13-0042) See CSI section 26 05 33 13-2193 for conduit field bending.		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0145	EA		1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	85.50	19.41
			<i>For Work In Restricted Working Space, Add</i>	11.65	
			<i>For Installation Above 14', Add</i>	5.82	
26 05 33 13-0146	EA		1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	101.51	22.48
			<i>For Work In Restricted Working Space, Add</i>	13.49	
			<i>For Installation Above 14', Add</i>	6.74	
26 05 33 13-0147	EA		1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	118.47	25.54
			<i>For Work In Restricted Working Space, Add</i>	15.33	
			<i>For Installation Above 14', Add</i>	7.66	
26 05 33 13-0148	EA		2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	143.28	28.10
			<i>For Work In Restricted Working Space, Add</i>	16.86	
			<i>For Installation Above 14', Add</i>	8.43	
26 05 33 13-0149	EA		2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	189.94	35.25
			<i>For Work In Restricted Working Space, Add</i>	21.15	
			<i>For Installation Above 14', Add</i>	10.58	
26 05 33 13-0150	EA		3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	246.18	48.02
			<i>For Work In Restricted Working Space, Add</i>	28.82	
			<i>For Installation Above 14', Add</i>	14.41	
26 05 33 13-0151	EA		3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	304.65	54.15
			<i>For Work In Restricted Working Space, Add</i>	32.49	
			<i>For Installation Above 14', Add</i>	16.25	
26 05 33 13-0152	EA		4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	381.85	70.49
			<i>For Work In Restricted Working Space, Add</i>	42.30	
			<i>For Installation Above 14', Add</i>	21.15	
26 05 33 13-0153	EA		5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	614.39	114.94
			<i>For Work In Restricted Working Space, Add</i>	68.97	
			<i>For Installation Above 14', Add</i>	34.48	
26 05 33 13-0154	EA		6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	739.20	172.67
			<i>For Work In Restricted Working Space, Add</i>	103.61	
			<i>For Installation Above 14', Add</i>	51.80	
26 05 33 13-0155			Rigid Galvanized Steel (RGS) Plastic Insulating Bushing <small>(26 05 33 13-0042)</small>		
26 05 33 13-0156	EA		1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	10.29	5.01
			<i>For Work In Restricted Working Space, Add</i>	3.01	
			<i>For Installation Above 14', Add</i>	1.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.01	
26 05 33 13-0157	EA		3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	11.05	5.34
			<i>For Work In Restricted Working Space, Add</i>	3.21	
			<i>For Installation Above 14', Add</i>	1.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.21	
26 05 33 13-0158	EA		1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	12.58	6.01
			<i>For Work In Restricted Working Space, Add</i>	3.61	
			<i>For Installation Above 14', Add</i>	1.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.61	
26 05 33 13-0159	EA		1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	14.16	6.68
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For Installation Above 14', Add</i>	2.00	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.01	
26 05 33 13-0160	EA		1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	17.79	8.35
			<i>For Work In Restricted Working Space, Add</i>	5.01	
			<i>For Installation Above 14', Add</i>	2.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.01	
26 05 33 13-0161	EA		2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	22.06	10.02
			<i>For Work In Restricted Working Space, Add</i>	6.01	
			<i>For Installation Above 14', Add</i>	3.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.01	
26 05 33 13-0162	EA		2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	27.85	11.69
			<i>For Work In Restricted Working Space, Add</i>	7.01	
			<i>For Installation Above 14', Add</i>	3.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.01	
26 05 33 13-0163	EA		3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	31.44	13.36
			<i>For Work In Restricted Working Space, Add</i>	8.02	
			<i>For Installation Above 14', Add</i>	4.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.02	
26 05 33 13-0164	EA		3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	36.61	12.57
			<i>For Work In Restricted Working Space, Add</i>	9.02	
			<i>For Installation Above 14', Add</i>	4.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.02	
26 05 33 13-0165	EA		4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	40.61	16.70
			<i>For Work In Restricted Working Space, Add</i>	10.02	
			<i>For Installation Above 14', Add</i>	5.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.02	
26 05 33 13-0166	EA		5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	49.04	18.38
			<i>For Work In Restricted Working Space, Add</i>	11.02	
			<i>For Installation Above 14', Add</i>	5.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.02	
26 05 33 13-0167	EA		6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	71.22	20.04
			<i>For Work In Restricted Working Space, Add</i>	12.02	
			<i>For Installation Above 14', Add</i>	6.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.02	
26 05 33 13-0168			Rigid Galvanized Steel (RGS) Steel Bushing <small>(26 05 33 13-0042)</small>		
26 05 33 13-0169	EA		1/2" Rigid Galvanized Steel (RGS) Steel Bushing	12.47	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
			<i>For Installation Above 14', Add</i>	1.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0170	EA		3/4" Rigid Galvanized Steel (RGS) Steel Bushing	13.57	6.29
			For Work In Restricted Working Space, Add	3.77	
			For Installation Above 14', Add	1.89	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.77	
26 05 33 13-0171	EA		1" Rigid Galvanized Steel (RGS) Steel Bushing	15.88	7.08
			For Work In Restricted Working Space, Add	4.25	
			For Installation Above 14', Add	2.12	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.25	
26 05 33 13-0172	EA		1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing	17.86	7.86
			For Work In Restricted Working Space, Add	4.72	
			For Installation Above 14', Add	2.36	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0173	EA		1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	22.82	9.82
			For Work In Restricted Working Space, Add	5.90	
			For Installation Above 14', Add	2.95	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-0174	EA		2" Rigid Galvanized Steel (RGS) Steel Bushing	26.99	11.79
			For Work In Restricted Working Space, Add	7.07	
			For Installation Above 14', Add	3.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.07	
26 05 33 13-0175	EA		2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	38.21	13.75
			For Work In Restricted Working Space, Add	8.25	
			For Installation Above 14', Add	4.13	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.25	
26 05 33 13-0176	EA		3" Rigid Galvanized Steel (RGS) Steel Bushing	45.49	15.72
			For Work In Restricted Working Space, Add	9.43	
			For Installation Above 14', Add	4.72	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.43	
26 05 33 13-0177	EA		3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing	68.17	17.68
			For Work In Restricted Working Space, Add	10.61	
			For Installation Above 14', Add	5.31	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.61	
26 05 33 13-0178	EA		4" Rigid Galvanized Steel (RGS) Steel Bushing	92.50	19.65
			For Work In Restricted Working Space, Add	11.79	
			For Installation Above 14', Add	5.90	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.79	
26 05 33 13-0179	EA		5" Rigid Galvanized Steel (RGS) Steel Bushing	123.92	21.61
			For Work In Restricted Working Space, Add	12.97	
			For Installation Above 14', Add	6.48	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.97	
26 05 33 13-0180	EA		6" Rigid Galvanized Steel (RGS) Steel Bushing	183.35	23.58
			For Work In Restricted Working Space, Add	14.15	
			For Installation Above 14', Add	7.07	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.15	
26 05 33 13-0181			Rigid Galvanized Steel (RGS) Steel Insulated Bushing (26 05 33 13-0042)		
26 05 33 13-0182	EA		1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	13.28	5.89
			For Work In Restricted Working Space, Add	3.54	
			For Installation Above 14', Add	1.77	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-0183	EA		3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	14.78	6.29
			For Work In Restricted Working Space, Add	3.77	
			For Installation Above 14', Add	1.89	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.77	
26 05 33 13-0184	EA		1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	17.41	7.08
			For Work In Restricted Working Space, Add	4.25	
			For Installation Above 14', Add	2.12	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.25	
26 05 33 13-0185	EA		1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	20.45	7.86
			For Work In Restricted Working Space, Add	4.72	
			For Installation Above 14', Add	2.36	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0186	EA		1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	25.51	9.82
			For Work In Restricted Working Space, Add	5.90	
			For Installation Above 14', Add	2.95	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-0187	EA		2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	31.77	11.79
			For Work In Restricted Working Space, Add	7.07	
			For Installation Above 14', Add	3.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.07	
26 05 33 13-0188	EA		2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	44.69	13.75
			For Work In Restricted Working Space, Add	8.25	
			For Installation Above 14', Add	4.13	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.25	
26 05 33 13-0189	EA		3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	53.08	15.72
			For Work In Restricted Working Space, Add	9.43	
			For Installation Above 14', Add	4.72	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.43	
26 05 33 13-0190	EA		3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	69.59	17.68
			For Work In Restricted Working Space, Add	10.61	
			For Installation Above 14', Add	5.31	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.61	
26 05 33 13-0191	EA		4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	98.83	19.65
			For Work In Restricted Working Space, Add	11.79	
			For Installation Above 14', Add	5.90	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.79	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0192	EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.82 12.97 6.48 12.97	21.61
26 05 33 13-0193	EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	185.78 14.15 7.07 14.15	23.58
26 05 33 13-0194	Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing <small>(26 05 33 13-0042)</small>		
26 05 33 13-0195	EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.16 4.25 2.12 4.25	7.08
26 05 33 13-0196	EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.58 4.72 2.36 4.72	7.86
26 05 33 13-0197	EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.85 5.19 2.59 5.19	8.64
26 05 33 13-0198	EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.72 5.90 2.95 5.90	9.82
26 05 33 13-0199	EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.14 7.31 3.65 7.31	12.18
26 05 33 13-0200	EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.84 8.72 4.36 8.72	14.54
26 05 33 13-0201	EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.79 10.14 5.07 10.14	16.90
26 05 33 13-0202	EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.22 11.79 5.90 11.79	19.65
26 05 33 13-0203	EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.28 13.20 6.60 13.20	22.00
26 05 33 13-0204	EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.18 14.62 7.31 14.62	24.36
26 05 33 13-0205	EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.72 16.03 8.02 16.03	26.73
26 05 33 13-0206	EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	198.12 17.69 8.84 17.69	29.47
26 05 33 13-0207	Rigid Galvanized Steel (RGS) Box Connectors With Set Screw <small>(26 05 33 13-0042)</small>		
26 05 33 13-0208	EA 1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.86 2.69 1.35 2.69	3.62
26 05 33 13-0209	EA 3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.01 3.12 1.56 3.12	4.17
26 05 33 13-0210	EA 1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.70 3.76 1.88 3.76	5.03
26 05 33 13-0211	EA 1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.76 4.67 2.34 4.67	6.21
26 05 33 13-0212	EA 1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.10 6.26 3.13 6.26	8.33
26 05 33 13-0213	EA 2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.30 9.37 4.68 9.37	12.50
26 05 33 13-0214	EA 2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.20 10.38 5.19 10.38	13.83

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

26 05 33 13-0215	EA			3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	106.52	16.74
				<i>For Work In Restricted Working Space, Add</i>	12.56	
				<i>For Installation Above 14', Add</i>	6.28	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.56	
26 05 33 13-0216	EA			3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	142.70	20.98
				<i>For Work In Restricted Working Space, Add</i>	15.73	
				<i>For Installation Above 14', Add</i>	7.86	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.73	
26 05 33 13-0217	EA			4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	167.64	25.15
				<i>For Work In Restricted Working Space, Add</i>	18.86	
				<i>For Installation Above 14', Add</i>	9.43	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33 13-0218	EA			5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	281.62	27.98
				<i>For Work In Restricted Working Space, Add</i>	20.96	
				<i>For Installation Above 14', Add</i>	10.48	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.96	
26 05 33 13-0219	EA			6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	334.90	31.44
				<i>For Work In Restricted Working Space, Add</i>	23.57	
				<i>For Installation Above 14', Add</i>	11.79	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.57	

26 05 33 13-0220 Rigid Galvanized Steel (RGS) Nipples (26 05 33 13-0042)

26 05 33 13-0221	EA			1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	11.28	5.11
				<i>For Work In Restricted Working Space, Add</i>	3.07	
				<i>For Installation Above 14', Add</i>	1.53	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.07	
26 05 33 13-0222	EA			3/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	12.98	5.89
				<i>For Work In Restricted Working Space, Add</i>	3.54	
				<i>For Installation Above 14', Add</i>	1.77	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33 13-0223	EA			1" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	16.59	7.47
				<i>For Work In Restricted Working Space, Add</i>	4.48	
				<i>For Installation Above 14', Add</i>	2.24	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-0224	EA			1-1/4" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	19.41	8.64
				<i>For Work In Restricted Working Space, Add</i>	5.19	
				<i>For Installation Above 14', Add</i>	2.59	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.19	
26 05 33 13-0225	EA			1-1/2" x 2" Long Rigid Galvanized Steel (RGS) Nipple.....	22.16	9.82
				<i>For Work In Restricted Working Space, Add</i>	5.90	
				<i>For Installation Above 14', Add</i>	2.95	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0226	EA			1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	11.36	5.11
				<i>For Work In Restricted Working Space, Add</i>	3.07	
				<i>For Installation Above 14', Add</i>	1.53	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.07	
26 05 33 13-0227	EA			3/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	13.12	5.89
				<i>For Work In Restricted Working Space, Add</i>	3.54	
				<i>For Installation Above 14', Add</i>	1.77	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33 13-0228	EA			1" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	16.74	7.47
				<i>For Work In Restricted Working Space, Add</i>	4.48	
				<i>For Installation Above 14', Add</i>	2.24	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-0229	EA			1-1/4" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	19.61	8.64
				<i>For Work In Restricted Working Space, Add</i>	5.19	
				<i>For Installation Above 14', Add</i>	2.59	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.19	
26 05 33 13-0230	EA			1-1/2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	22.48	9.82
				<i>For Work In Restricted Working Space, Add</i>	5.90	
				<i>For Installation Above 14', Add</i>	2.95	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0231	EA			2" x 2-1/2" Long Rigid Galvanized Steel (RGS) Nipple.....	25.42	11.01
				<i>For Work In Restricted Working Space, Add</i>	6.60	
				<i>For Installation Above 14', Add</i>	3.30	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.60	
26 05 33 13-0232	EA			1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	11.46	5.11
				<i>For Work In Restricted Working Space, Add</i>	3.07	
				<i>For Installation Above 14', Add</i>	1.53	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.07	
26 05 33 13-0233	EA			3/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	13.23	5.89
				<i>For Work In Restricted Working Space, Add</i>	3.54	
				<i>For Installation Above 14', Add</i>	1.77	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33 13-0234	EA			1" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	16.95	7.47
				<i>For Work In Restricted Working Space, Add</i>	4.48	
				<i>For Installation Above 14', Add</i>	2.24	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-0235	EA			1-1/4" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	19.79	8.64
				<i>For Work In Restricted Working Space, Add</i>	5.19	
				<i>For Installation Above 14', Add</i>	2.59	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.19	
26 05 33 13-0236	EA			1-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple.....	22.70	9.82
				<i>For Work In Restricted Working Space, Add</i>	5.90	
				<i>For Installation Above 14', Add</i>	2.95	
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0237	EA	2" x 3" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.95 6.60 3.30 6.60	11.01
26 05 33	13-0238	EA	2-1/2" x 3" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.88 8.02 4.01 8.02	13.36
26 05 33	13-0239	EA	3" x 3" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.97 11.08 5.54 11.08	18.47
26 05 33	13-0240	EA	1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.57 3.07 1.53 3.07	5.11
26 05 33	13-0241	EA	3/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.30 3.54 1.77 3.54	5.89
26 05 33	13-0242	EA	1" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.22 4.48 2.24 4.48	7.47
26 05 33	13-0243	EA	1-1/4" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.13 5.19 2.59 5.19	8.64
26 05 33	13-0244	EA	1-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.15 5.90 2.95 5.90	9.82
26 05 33	13-0245	EA	2" x 3-1/2" Long Rigid Galvanized Steel (RGS), Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.50 6.60 3.30 6.60	11.01
26 05 33	13-0246	EA	2-1/2" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.37 8.02 4.01 8.02	13.36
26 05 33	13-0247	EA	3" x 3-1/2" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.26 11.08 5.54 11.08	18.47
26 05 33	13-0248	EA	1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.69 3.07 1.53 3.07	5.11
26 05 33	13-0249	EA	3/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.50 3.54 1.77 3.54	5.89
26 05 33	13-0250	EA	1" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.38 4.48 2.24 4.48	7.47
26 05 33	13-0251	EA	1-1/4" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.30 5.19 2.59 5.19	8.64
26 05 33	13-0252	EA	1-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.46 5.90 2.95 5.90	9.82
26 05 33	13-0253	EA	2" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.97 6.60 3.30 6.60	11.01
26 05 33	13-0254	EA	2-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.83 8.02 4.01 8.02	13.36
26 05 33	13-0255	EA	3" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.21 11.08 5.54 11.08	18.47
26 05 33	13-0256	EA	3-1/2" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.59 12.50 6.25 12.50	20.83
26 05 33	13-0257	EA	4" x 4" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.99 16.27 8.13 16.27	27.12
26 05 33	13-0258	EA	1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.86 3.07 1.53 3.07	5.11

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0259	EA	3/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.76 3.54 1.77 3.54	5.89
26 05 33	13-0260	EA	1" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.71 4.48 2.24 4.48	7.47
26 05 33	13-0261	EA	1-1/4" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.77 5.19 2.59 5.19	8.64
26 05 33	13-0262	EA	1-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.92 5.90 2.95 5.90	9.82
26 05 33	13-0263	EA	2" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.80 6.60 3.30 6.60	11.01
26 05 33	13-0264	EA	2-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.66 8.02 4.01 8.02	13.36
26 05 33	13-0265	EA	3" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.21 11.08 5.54 11.08	18.47
26 05 33	13-0266	EA	3-1/2" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.57 12.50 6.25 12.50	20.83
26 05 33	13-0267	EA	4" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.89 16.27 8.13 16.27	27.12
26 05 33	13-0268	EA	5" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.83 22.40 11.20 22.40	37.33
26 05 33	13-0269	EA	6" x 5" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.37 28.74 14.37 28.74	47.87
26 05 33	13-0270	EA	1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.18 3.07 1.53 3.07	5.11
26 05 33	13-0271	EA	3/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.08 3.54 1.77 3.54	5.89
26 05 33	13-0272	EA	1" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.97 4.48 2.24 4.48	7.47
26 05 33	13-0273	EA	1-1/4" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.21 5.19 2.59 5.19	8.64
26 05 33	13-0274	EA	1-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.90 5.90 2.95 5.90	9.82
26 05 33	13-0275	EA	2" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.63 6.60 3.30 6.60	11.01
26 05 33	13-0276	EA	2-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.28 8.02 4.01 8.02	13.36
26 05 33	13-0277	EA	3" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.23 11.08 5.54 11.08	18.47
26 05 33	13-0278	EA	3-1/2" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.99 12.50 6.25 12.50	20.83
26 05 33	13-0279	EA	4" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.18 16.27 8.13 16.27	27.12
26 05 33	13-0280	EA	5" x 6" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.19 22.40 11.20 22.40	37.33

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0281	EA 6" x 6" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.29 28.74 14.37 28.74	47.87
26 05 33 13-0282	EA 1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.35 3.07 1.53 3.07	5.11
26 05 33 13-0283	EA 3/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.58 3.54 1.77 3.54	5.89
26 05 33 13-0284	EA 1" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.72 4.48 2.24 4.48	7.47
26 05 33 13-0285	EA 1-1/4" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.71 5.19 2.59 5.19	8.64
26 05 33 13-0286	EA 1-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.69 5.90 2.95 5.90	9.82
26 05 33 13-0287	EA 2" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.57 6.60 3.30 6.60	11.01
26 05 33 13-0288	EA 2-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.55 8.02 4.01 8.02	13.36
26 05 33 13-0289	EA 3" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.14 11.08 5.54 11.08	18.47
26 05 33 13-0290	EA 3-1/2" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.88 12.50 6.25 12.50	20.83
26 05 33 13-0291	EA 4" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.59 16.27 8.13 16.27	27.12
26 05 33 13-0292	EA 5" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.99 22.40 11.20 22.40	37.33
26 05 33 13-0293	EA 6" x 8" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.05 28.74 14.37 28.74	47.87
26 05 33 13-0294	EA 1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.13 3.07 1.53 3.07	5.11
26 05 33 13-0295	EA 3/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.34 3.54 1.77 3.54	5.89
26 05 33 13-0296	EA 1" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.12 4.48 2.24 4.48	7.47
26 05 33 13-0297	EA 1-1/4" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.37 5.19 2.59 5.19	8.64
26 05 33 13-0298	EA 1-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.32 5.90 2.95 5.90	9.82
26 05 33 13-0299	EA 2" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.46 6.60 3.30 6.60	11.01
26 05 33 13-0300	EA 2-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.42 8.02 4.01 8.02	13.36
26 05 33 13-0301	EA 3" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.00 11.08 5.54 11.08	18.47
26 05 33 13-0302	EA 3-1/2" x 10" Long Rigid Galvanized Steel (RGS) Nipple <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.96 12.50 6.25 12.50	20.83

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0303 EA 4" x 10" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.03 16.27 8.13 16.27	27.12
26 05 33 13-0304 EA 5" x 10" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.49 22.40 11.20 22.40	37.33
26 05 33 13-0305 EA 6" x 10" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.35 28.74 14.37 28.74	47.87
26 05 33 13-0306 EA 1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.73 3.07 1.53 3.07	5.11
26 05 33 13-0307 EA 3/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.90 3.54 1.77 3.54	5.89
26 05 33 13-0308 EA 1" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.95 4.48 2.24 4.48	7.47
26 05 33 13-0309 EA 1-1/4" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.69 5.19 2.59 5.19	8.64
26 05 33 13-0310 EA 1-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.14 5.90 2.95 5.90	9.82
26 05 33 13-0311 EA 2" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.04 6.60 3.30 6.60	11.01
26 05 33 13-0312 EA 2-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.80 8.02 4.01 8.02	13.36
26 05 33 13-0313 EA 3" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.36 11.08 5.54 11.08	18.47
26 05 33 13-0314 EA 3-1/2" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.91 12.50 6.25 12.50	20.83
26 05 33 13-0315 EA 4" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.47 16.27 8.13 16.27	27.12
26 05 33 13-0316 EA 5" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	144.72 22.40 11.20 22.40	37.33
26 05 33 13-0317 EA 6" x 12" Long Rigid Galvanized Steel (RGS) Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	180.86 28.74 14.37 28.74	47.87
26 05 33 13-0318 Rigid Galvanized Steel (RGS) Off-Set Nipples <small>(26 05 33 13-0042)</small>		
26 05 33 13-0319 EA 1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.31 3.09 1.55 3.09	4.09
26 05 33 13-0320 EA 3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.27 3.52 1.76 3.52	4.71
26 05 33 13-0321 EA 1" Rigid Galvanized Steel (RGS) Off-Set Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.76 4.50 2.25 4.50	5.97
26 05 33 13-0322 EA 1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.81 5.39 2.70 5.39	7.15
26 05 33 13-0323 EA 1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.78 5.90 2.95 5.90	7.86
26 05 33 13-0324 EA 2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.17 7.27 3.63 7.27	9.66

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0325	EA	2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	47.55	15.72
		<i>For Work In Restricted Working Space, Add</i>	11.79	
		<i>For Installation Above 14', Add</i>	5.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0326	EA	3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	72.96	21.69
		<i>For Work In Restricted Working Space, Add</i>	16.27	
		<i>For Installation Above 14', Add</i>	8.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.27	
26 05 33 13-0327	EA	3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	89.00	25.62
		<i>For Work In Restricted Working Space, Add</i>	19.11	
		<i>For Installation Above 14', Add</i>	9.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.11	
26 05 33 13-0328	EA	4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated	105.71	29.55
		<i>For Work In Restricted Working Space, Add</i>	22.17	
		<i>For Installation Above 14', Add</i>	11.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.17	
26 05 33 13-0329		Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling <small>(26 05 33 13-0042)</small>		
		Note: Erickson fittings.		
26 05 33 13-0330	EA	1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	33.36	12.57
		<i>For Work In Restricted Working Space, Add</i>	9.44	
		<i>For Installation Above 14', Add</i>	4.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.44	
26 05 33 13-0331	EA	3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	37.54	14.06
		<i>For Work In Restricted Working Space, Add</i>	10.54	
		<i>For Installation Above 14', Add</i>	5.27	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.54	
26 05 33 13-0332	EA	1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	43.57	15.64
		<i>For Work In Restricted Working Space, Add</i>	11.74	
		<i>For Installation Above 14', Add</i>	5.87	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.74	
26 05 33 13-0333	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	52.30	17.13
		<i>For Work In Restricted Working Space, Add</i>	12.85	
		<i>For Installation Above 14', Add</i>	6.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.85	
26 05 33 13-0334	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	58.20	18.71
		<i>For Work In Restricted Working Space, Add</i>	14.06	
		<i>For Installation Above 14', Add</i>	7.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.06	
26 05 33 13-0335	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	73.47	20.28
		<i>For Work In Restricted Working Space, Add</i>	15.22	
		<i>For Installation Above 14', Add</i>	7.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.22	
26 05 33 13-0336	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	115.53	25.15
		<i>For Work In Restricted Working Space, Add</i>	18.86	
		<i>For Installation Above 14', Add</i>	9.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33 13-0337	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	158.51	31.44
		<i>For Work In Restricted Working Space, Add</i>	23.58	
		<i>For Installation Above 14', Add</i>	11.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.58	
26 05 33 13-0338	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	227.46	37.72
		<i>For Work In Restricted Working Space, Add</i>	28.30	
		<i>For Installation Above 14', Add</i>	14.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.30	
26 05 33 13-0339	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	258.70	40.87
		<i>For Work In Restricted Working Space, Add</i>	30.65	
		<i>For Installation Above 14', Add</i>	15.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.65	
26 05 33 13-0340	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	447.02	50.30
		<i>For Work In Restricted Working Space, Add</i>	37.72	
		<i>For Installation Above 14', Add</i>	18.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.72	
26 05 33 13-0341	EA	6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	573.62	58.16
		<i>For Work In Restricted Working Space, Add</i>	43.61	
		<i>For Installation Above 14', Add</i>	21.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.61	
26 05 33 13-0342		Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0042)</small>		
26 05 33 13-0343	EA	1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	18.42	6.29
		<i>For Work In Restricted Working Space, Add</i>	4.72	
		<i>For Installation Above 14', Add</i>	2.36	
26 05 33 13-0344	EA	3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	20.49	6.92
		<i>For Work In Restricted Working Space, Add</i>	5.19	
		<i>For Installation Above 14', Add</i>	2.59	
26 05 33 13-0345	EA	1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	23.46	7.86
		<i>For Work In Restricted Working Space, Add</i>	5.90	
		<i>For Installation Above 14', Add</i>	2.95	
26 05 33 13-0346	EA	1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	26.24	8.49
		<i>For Work In Restricted Working Space, Add</i>	6.37	
		<i>For Installation Above 14', Add</i>	3.18	
26 05 33 13-0347	EA	1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	30.58	9.43
		<i>For Work In Restricted Working Space, Add</i>	7.07	
		<i>For Installation Above 14', Add</i>	3.54	
26 05 33 13-0348	EA	2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	36.28	10.38
		<i>For Work In Restricted Working Space, Add</i>	7.78	
		<i>For Installation Above 14', Add</i>	3.89	

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

26 05 33 13-0349	EA		2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	48.03	12.57
			<i>For Work In Restricted Working Space, Add</i>	9.43	
			<i>For Installation Above 14', Add</i>	4.72	
26 05 33 13-0350	EA		3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	59.54	15.72
			<i>For Work In Restricted Working Space, Add</i>	11.79	
			<i>For Installation Above 14', Add</i>	5.90	
26 05 33 13-0351	EA		3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	71.51	18.87
			<i>For Work In Restricted Working Space, Add</i>	14.15	
			<i>For Installation Above 14', Add</i>	7.07	
26 05 33 13-0352	EA		4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	80.01	20.43
			<i>For Work In Restricted Working Space, Add</i>	15.33	
			<i>For Installation Above 14', Add</i>	7.66	

26 05 33 13-0353 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs (26 05 33 13-0042)

26 05 33 13-0354	EA		1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	17.46	7.08
			<i>For Work In Restricted Working Space, Add</i>	4.25	
			<i>For Installation Above 14', Add</i>	2.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 33 13-0355	EA		3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	19.45	7.86
			<i>For Work In Restricted Working Space, Add</i>	4.72	
			<i>For Installation Above 14', Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0356	EA		1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	24.03	9.82
			<i>For Work In Restricted Working Space, Add</i>	5.90	
			<i>For Installation Above 14', Add</i>	2.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0357	EA		1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	29.53	11.79
			<i>For Work In Restricted Working Space, Add</i>	7.07	
			<i>For Installation Above 14', Add</i>	3.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 05 33 13-0358	EA		1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	37.98	15.72
			<i>For Work In Restricted Working Space, Add</i>	9.43	
			<i>For Installation Above 14', Add</i>	4.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.43	
26 05 33 13-0359	EA		2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	44.11	17.68
			<i>For Work In Restricted Working Space, Add</i>	10.61	
			<i>For Installation Above 14', Add</i>	5.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.61	
26 05 33 13-0360	EA		2-1/2" Water Tight Conduit Hubs.....	54.13	19.65
			<i>For Work In Restricted Working Space, Add</i>	11.79	
			<i>For Installation Above 14', Add</i>	5.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0361	EA		3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	72.76	24.76
			<i>For Work In Restricted Working Space, Add</i>	14.85	
			<i>For Installation Above 14', Add</i>	7.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.85	
26 05 33 13-0362	EA		3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	86.43	29.86
			<i>For Work In Restricted Working Space, Add</i>	17.92	
			<i>For Installation Above 14', Add</i>	8.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.92	
26 05 33 13-0363	EA		4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	105.94	35.37
			<i>For Work In Restricted Working Space, Add</i>	21.22	
			<i>For Installation Above 14', Add</i>	10.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.22	

26 05 33 13-0364 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement (26 05 33 13-0042)

<i>Note: Type AX</i>					
26 05 33 13-0365	EA		1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	81.66	12.57
			<i>For Work In Restricted Working Space, Add</i>	9.44	
			<i>For Installation Above 14', Add</i>	4.72	
26 05 33 13-0366	EA		3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	92.69	14.15
			<i>For Work In Restricted Working Space, Add</i>	10.61	
			<i>For Installation Above 14', Add</i>	5.31	
26 05 33 13-0367	EA		1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	109.81	15.72
			<i>For Work In Restricted Working Space, Add</i>	11.79	
			<i>For Installation Above 14', Add</i>	5.90	
26 05 33 13-0368	EA		1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	134.56	17.29
			<i>For Work In Restricted Working Space, Add</i>	12.97	
			<i>For Installation Above 14', Add</i>	6.48	
26 05 33 13-0369	EA		1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	169.22	18.87
			<i>For Work In Restricted Working Space, Add</i>	14.15	
			<i>For Installation Above 14', Add</i>	7.07	
26 05 33 13-0370	EA		2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	234.17	20.43
			<i>For Work In Restricted Working Space, Add</i>	15.32	
			<i>For Installation Above 14', Add</i>	7.66	
26 05 33 13-0371	EA		2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	358.85	25.15
			<i>For Work In Restricted Working Space, Add</i>	18.86	
			<i>For Installation Above 14', Add</i>	9.43	
26 05 33 13-0372	EA		3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	459.79	31.44
			<i>For Work In Restricted Working Space, Add</i>	23.58	
			<i>For Installation Above 14', Add</i>	11.79	
26 05 33 13-0373	EA		3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	671.58	37.72
			<i>For Work In Restricted Working Space, Add</i>	28.30	
			<i>For Installation Above 14', Add</i>	14.15	
26 05 33 13-0374	EA		4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	715.87	40.87
			<i>For Work In Restricted Working Space, Add</i>	30.65	
			<i>For Installation Above 14', Add</i>	15.32	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0375	EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,097.03 37.73 18.86	50.30
26 05 33 13-0376	EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,347.89 41.88 20.94	55.80
26 05 33 13-0377	Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement <small>(26 05 33 13-0042)</small> Note: Type AX-8		
26 05 33 13-0378	EA 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	90.05 9.44 4.72	12.57
26 05 33 13-0379	EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	100.12 10.61 5.31	14.15
26 05 33 13-0380	EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	121.48 11.79 5.90	15.72
26 05 33 13-0381	EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	152.94 12.97 6.48	17.29
26 05 33 13-0382	EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	205.74 14.15 7.07	18.87
26 05 33 13-0383	EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	251.62 15.32 7.66	20.43
26 05 33 13-0384	EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	471.97 18.86 9.43	25.15
26 05 33 13-0385	EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	537.03 23.58 11.79	31.44
26 05 33 13-0386	EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	824.23 28.30 14.15	37.72
26 05 33 13-0387	EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	892.31 30.65 15.32	40.87
26 05 33 13-0388	EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,245.76 37.73 18.86	50.30
26 05 33 13-0389	EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,539.24 41.88 20.94	55.80
26 05 33 13-0390	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement <small>(26 05 33 13-0042)</small> Note: Type EX		
26 05 33 13-0391	EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	102.34 9.44 4.72	12.57
26 05 33 13-0392	EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	129.09 10.61 5.31	14.15
26 05 33 13-0393	EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	160.61 11.79 5.90	15.72
26 05 33 13-0394	EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	195.31 12.97 6.48	17.29
26 05 33 13-0395	EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	263.11 14.15 7.07	18.87
26 05 33 13-0396	EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	362.48 15.32 7.66	20.43
26 05 33 13-0397	EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	563.24 18.86 9.43	25.15
26 05 33 13-0398	EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	759.26 23.58 11.79	31.44
26 05 33 13-0399	EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,140.31 28.30 14.15	37.72
26 05 33 13-0400	EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,180.20 30.65 15.32	40.87
26 05 33 13-0401	EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	1,776.45 37.73 18.86	50.30
26 05 33 13-0402	EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	2,202.44 41.88 20.94	55.80

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

26 05 33 13-0403 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings <small>(26 05 33 13-0042)</small>				
Note: Type DX				
26 05 33 13-0404	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	178.09	12.57
		For Work In Restricted Working Space, Add	9.44	
		For Installation Above 14', Add	4.72	
26 05 33 13-0405	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	212.16	14.15
		For Work In Restricted Working Space, Add	10.61	
		For Installation Above 14', Add	5.31	
26 05 33 13-0406	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	256.48	15.72
		For Work In Restricted Working Space, Add	11.79	
		For Installation Above 14', Add	5.90	
26 05 33 13-0407	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	301.54	17.29
		For Work In Restricted Working Space, Add	12.97	
		For Installation Above 14', Add	6.48	
26 05 33 13-0408	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	333.46	18.87
		For Work In Restricted Working Space, Add	14.15	
		For Installation Above 14', Add	7.07	
26 05 33 13-0409	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	412.16	20.43
		For Work In Restricted Working Space, Add	15.32	
		For Installation Above 14', Add	7.66	
26 05 33 13-0410	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	544.80	25.15
		For Work In Restricted Working Space, Add	18.86	
		For Installation Above 14', Add	9.43	
26 05 33 13-0411	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	690.91	31.44
		For Work In Restricted Working Space, Add	23.58	
		For Installation Above 14', Add	11.79	
26 05 33 13-0412	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	777.37	37.72
		For Work In Restricted Working Space, Add	28.30	
		For Installation Above 14', Add	14.15	
26 05 33 13-0413	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	942.73	40.87
		For Work In Restricted Working Space, Add	30.65	
		For Installation Above 14', Add	15.32	
26 05 33 13-0414	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	1,612.70	50.30
		For Work In Restricted Working Space, Add	37.73	
		For Installation Above 14', Add	18.86	
26 05 33 13-0415	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	2,564.59	55.80
		For Work In Restricted Working Space, Add	41.88	
		For Installation Above 14', Add	20.94	

26 05 33 13-0416 Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers <small>(26 05 33 13-0042)</small>				
26 05 33 13-0417	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper	45.95	6.29
		For Work In Restricted Working Space, Add	4.72	
		For Installation Above 14', Add	2.36	
26 05 33 13-0418	EA	1" To 1-1/4" Conduit, 14" Bonding Jumper	52.94	7.86
		For Work In Restricted Working Space, Add	5.90	
		For Installation Above 14', Add	2.95	
26 05 33 13-0419	EA	1-1/2" To 2" Conduit, 14" Bonding Jumper	65.27	9.43
		For Work In Restricted Working Space, Add	7.07	
		For Installation Above 14', Add	3.54	
26 05 33 13-0420	EA	2-1/2" To 3" Conduit, 14" Bonding Jumper	91.68	12.57
		For Work In Restricted Working Space, Add	9.43	
		For Installation Above 14', Add	4.72	
26 05 33 13-0421	EA	3-1/2" To 4" Conduit, 14" Bonding Jumper	138.91	18.87
		For Work In Restricted Working Space, Add	14.15	
		For Installation Above 14', Add	7.07	
26 05 33 13-0422	EA	5" To 6" Conduit, 14" Bonding Jumper	237.19	25.15
		For Work In Restricted Working Space, Add	18.86	
		For Installation Above 14', Add	9.43	
26 05 33 13-0423	EA	1/2" To 3/4" Conduit, 24" Bonding Jumper	51.13	6.29
		For Work In Restricted Working Space, Add	4.72	
		For Installation Above 14', Add	2.36	
26 05 33 13-0424	EA	1" To 1-1/4" Conduit, 24" Bonding Jumper	59.48	7.86
		For Work In Restricted Working Space, Add	5.90	
		For Installation Above 14', Add	2.95	
26 05 33 13-0425	EA	1-1/2" To 2" Conduit, 24" Bonding Jumper	71.26	9.43
		For Work In Restricted Working Space, Add	7.07	
		For Installation Above 14', Add	3.54	
26 05 33 13-0426	EA	2-1/2" To 3" Conduit, 24" Bonding Jumper	99.64	12.57
		For Work In Restricted Working Space, Add	9.43	
		For Installation Above 14', Add	4.72	
26 05 33 13-0427	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper	149.46	18.87
		For Work In Restricted Working Space, Add	14.15	
		For Installation Above 14', Add	7.07	
26 05 33 13-0428	EA	5" To 6" Conduit, 24" Bonding Jumper	271.23	25.15
		For Work In Restricted Working Space, Add	18.86	
		For Installation Above 14', Add	9.43	

26 05 33 13-0429 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0042)</small>				
26 05 33 13-0430	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	58.04	19.65
		For Work In Restricted Working Space, Add	11.79	
		For Installation Above 14', Add	5.90	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.79	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0431	EA		3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	69.17	23.58
			<i>For Work In Restricted Working Space, Add</i>	14.15	
			<i>For Installation Above 14', Add</i>	7.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.15	
26 05 33 13-0432	EA		1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	83.31	27.51
			<i>For Work In Restricted Working Space, Add</i>	16.51	
			<i>For Installation Above 14', Add</i>	8.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.51	
26 05 33 13-0433	EA		1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	97.23	31.44
			<i>For Work In Restricted Working Space, Add</i>	18.86	
			<i>For Installation Above 14', Add</i>	9.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33 13-0434	EA		1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	122.46	35.37
			<i>For Work In Restricted Working Space, Add</i>	21.22	
			<i>For Installation Above 14', Add</i>	10.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.22	
26 05 33 13-0435	EA		2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	145.60	39.30
			<i>For Work In Restricted Working Space, Add</i>	23.58	
			<i>For Installation Above 14', Add</i>	11.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.58	
26 05 33 13-0436	EA		2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	198.42	47.16
			<i>For Work In Restricted Working Space, Add</i>	28.29	
			<i>For Installation Above 14', Add</i>	14.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.29	
26 05 33 13-0437	EA		3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	237.21	55.02
			<i>For Work In Restricted Working Space, Add</i>	33.01	
			<i>For Installation Above 14', Add</i>	16.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.01	
26 05 33 13-0438	EA		3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	492.55	62.88
			<i>For Work In Restricted Working Space, Add</i>	37.73	
			<i>For Installation Above 14', Add</i>	18.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.73	
26 05 33 13-0439	EA		4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	565.98	70.74
			<i>For Work In Restricted Working Space, Add</i>	42.44	
			<i>For Installation Above 14', Add</i>	21.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.44	
26 05 33 13-0440			Rigid Galvanized Steel (RGS) Threaded Couplings (26 05 33 13-0042)		
26 05 33 13-0441	EA		1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	10.41	4.71
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.41	
26 05 33 13-0442	EA		3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	14.59	6.68
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For Installation Above 14', Add</i>	2.00	
26 05 33 13-0443	EA		1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	19.17	8.64
			<i>For Work In Restricted Working Space, Add</i>	5.19	
			<i>For Installation Above 14', Add</i>	2.59	
26 05 33 13-0444	EA		1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	22.02	9.82
			<i>For Work In Restricted Working Space, Add</i>	5.90	
			<i>For Installation Above 14', Add</i>	2.95	
26 05 33 13-0445	EA		1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	26.55	11.79
			<i>For Work In Restricted Working Space, Add</i>	7.07	
			<i>For Installation Above 14', Add</i>	3.54	
26 05 33 13-0446	EA		2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	31.15	13.36
			<i>For Work In Restricted Working Space, Add</i>	8.02	
			<i>For Installation Above 14', Add</i>	4.01	
26 05 33 13-0447	EA		2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	39.79	14.94
			<i>For Work In Restricted Working Space, Add</i>	8.96	
			<i>For Installation Above 14', Add</i>	4.48	
26 05 33 13-0448	EA		3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	46.70	16.90
			<i>For Work In Restricted Working Space, Add</i>	10.14	
			<i>For Installation Above 14', Add</i>	5.07	
26 05 33 13-0449	EA		3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	54.38	18.47
			<i>For Work In Restricted Working Space, Add</i>	11.08	
			<i>For Installation Above 14', Add</i>	5.54	
26 05 33 13-0450	EA		4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	57.47	19.65
			<i>For Work In Restricted Working Space, Add</i>	11.79	
			<i>For Installation Above 14', Add</i>	5.90	
26 05 33 13-0451			Rigid Galvanized Steel (RGS) Sealing Locknut (26 05 33 13-0042)		
26 05 33 13-0452	EA		1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	2.44	0.78
26 05 33 13-0453	EA		3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	3.36	1.18
26 05 33 13-0454	EA		1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	5.58	1.96
26 05 33 13-0455	EA		1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	8.08	2.75
26 05 33 13-0456	EA		1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	9.70	3.15
26 05 33 13-0457	EA		2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	11.42	3.54
26 05 33 13-0458			Rigid Galvanized Steel (RGS) Fire Stop Fittings (26 05 33 13-0042)		
26 05 33 13-0459	EA		1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	98.51	9.54
			<i>For Work In Restricted Working Space, Add</i>	7.15	
			<i>For Installation Above 14', Add</i>	3.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.15	
26 05 33 13-0460	EA		3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	100.81	10.46
			<i>For Work In Restricted Working Space, Add</i>	7.84	
			<i>For Installation Above 14', Add</i>	3.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0461 EA 1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	120.02	11.48
For Work In Restricted Working Space, Add	8.59	
For Installation Above 14', Add	4.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.59	
26 05 33 13-0462 EA 1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	131.77	12.57
For Work In Restricted Working Space, Add	9.44	
For Installation Above 14', Add	4.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.44	
26 05 33 13-0463 EA 1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	150.16	14.15
For Work In Restricted Working Space, Add	10.61	
For Installation Above 14', Add	5.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.61	
26 05 33 13-0464 EA 2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	217.63	15.72
For Work In Restricted Working Space, Add	11.80	
For Installation Above 14', Add	5.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.80	
26 05 33 13-0465 EA 2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	253.03	20.98
For Work In Restricted Working Space, Add	15.73	
For Installation Above 14', Add	7.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.73	
26 05 33 13-0466 EA 3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	280.50	23.03
For Work In Restricted Working Space, Add	17.28	
For Installation Above 14', Add	8.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.28	
26 05 33 13-0467 EA 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	324.79	25.15
For Work In Restricted Working Space, Add	18.87	
For Installation Above 14', Add	9.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.87	
26 05 33 13-0468 EA 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	366.07	28.29
For Work In Restricted Working Space, Add	21.22	
For Installation Above 14', Add	10.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.22	
26 05 33 13-0469 EA 5" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	485.37	31.44
For Work In Restricted Working Space, Add	23.58	
For Installation Above 14', Add	11.79	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.58	
26 05 33 13-0470 EA 6" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	599.89	34.90
For Work In Restricted Working Space, Add	26.17	
For Installation Above 14', Add	13.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.17	
26 05 33 13-0471 Rigid Galvanized Steel (RGS) Reducing Bushings <small>(26 05 33 13-0042)</small>		
26 05 33 13-0472 EA 3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	12.85	6.10
For Work In Restricted Working Space, Add	3.65	
For Installation Above 14', Add	1.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.65	
26 05 33 13-0473 EA 1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	14.20	6.49
For Work In Restricted Working Space, Add	3.89	
For Installation Above 14', Add	1.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.89	
26 05 33 13-0474 EA 1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	14.59	6.68
For Work In Restricted Working Space, Add	4.01	
For Installation Above 14', Add	2.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.01	
26 05 33 13-0475 EA 1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	16.95	6.88
For Work In Restricted Working Space, Add	4.13	
For Installation Above 14', Add	2.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-0476 EA 1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	17.35	7.08
For Work In Restricted Working Space, Add	4.25	
For Installation Above 14', Add	2.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.25	
26 05 33 13-0477 EA 1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	18.14	7.47
For Work In Restricted Working Space, Add	4.48	
For Installation Above 14', Add	2.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-0478 EA 1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	19.60	7.86
For Work In Restricted Working Space, Add	4.72	
For Installation Above 14', Add	2.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0479 EA 1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	19.99	8.06
For Work In Restricted Working Space, Add	4.83	
For Installation Above 14', Add	2.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.83	
26 05 33 13-0480 EA 1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	20.78	8.45
For Work In Restricted Working Space, Add	5.07	
For Installation Above 14', Add	2.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.07	
26 05 33 13-0481 EA 1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	21.56	8.84
For Work In Restricted Working Space, Add	5.30	
For Installation Above 14', Add	2.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.30	
26 05 33 13-0482 EA 2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	26.19	8.84
For Work In Restricted Working Space, Add	5.30	
For Installation Above 14', Add	2.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.30	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0483	EA		2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	26.58	9.04
			<i>For Work In Restricted Working Space, Add</i>	5.42	
			<i>For Installation Above 14', Add</i>	2.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.42	
26 05 33 13-0484	EA		2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	27.38	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Installation Above 14', Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-0485	EA		2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	28.16	9.82
			<i>For Work In Restricted Working Space, Add</i>	5.90	
			<i>For Installation Above 14', Add</i>	2.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0486	EA		2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	30.12	10.81
			<i>For Work In Restricted Working Space, Add</i>	6.48	
			<i>For Installation Above 14', Add</i>	3.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.48	
26 05 33 13-0487	EA		2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing	38.15	12.77
			<i>For Work In Restricted Working Space, Add</i>	7.66	
			<i>For Installation Above 14', Add</i>	3.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0488 Rigid Galvanized Steel (RGS) Locknuts (26 05 33 13-0042)					
26 05 33 13-0489	EA		1/2" Rigid Galvanized Steel (RGS) Locknuts	1.63	0.78
			<i>For Work In Restricted Working Space, Add</i>	0.47	
			<i>For Installation Above 14', Add</i>	0.24	
26 05 33 13-0490	EA		3/4" Rigid Galvanized Steel (RGS) Locknuts	2.45	1.18
			<i>For Work In Restricted Working Space, Add</i>	0.71	
			<i>For Installation Above 14', Add</i>	0.35	
26 05 33 13-0491	EA		1" Rigid Galvanized Steel (RGS) Locknuts	4.08	1.96
			<i>For Work In Restricted Working Space, Add</i>	1.18	
			<i>For Installation Above 14', Add</i>	0.59	
26 05 33 13-0492	EA		1-1/4" Rigid Galvanized Steel (RGS) Locknuts	5.74	2.75
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Installation Above 14', Add</i>	0.83	
26 05 33 13-0493	EA		1-1/2" Rigid Galvanized Steel (RGS) Locknuts	6.60	3.15
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Installation Above 14', Add</i>	0.94	
26 05 33 13-0494	EA		2" Rigid Galvanized Steel (RGS) Locknuts	7.46	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.12	
			<i>For Installation Above 14', Add</i>	1.06	
26 05 33 13-0495	EA		2-1/2" Rigid Galvanized Steel (RGS) Locknuts	10.44	4.71
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.41	
26 05 33 13-0496	EA		3" Rigid Galvanized Steel (RGS) Locknuts	12.90	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
			<i>For Installation Above 14', Add</i>	1.77	
26 05 33 13-0497	EA		3-1/2" Rigid Galvanized Steel (RGS) Locknuts	15.21	6.68
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For Installation Above 14', Add</i>	2.00	
26 05 33 13-0498	EA		4" Rigid Galvanized Steel (RGS) Locknuts	17.07	7.47
			<i>For Work In Restricted Working Space, Add</i>	4.48	
			<i>For Installation Above 14', Add</i>	2.24	
26 05 33 13-0499 Rigid Galvanized Steel (RGS) Grounding Locknuts (26 05 33 13-0042)					
26 05 33 13-0500	EA		1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	2.49	0.78
			<i>For Work In Restricted Working Space, Add</i>	0.47	
			<i>For Installation Above 14', Add</i>	0.24	
26 05 33 13-0501	EA		3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	3.47	1.18
			<i>For Work In Restricted Working Space, Add</i>	0.71	
			<i>For Installation Above 14', Add</i>	0.35	
26 05 33 13-0502	EA		1" Rigid Galvanized Steel (RGS) Grounding Locknuts	5.51	1.96
			<i>For Work In Restricted Working Space, Add</i>	1.18	
			<i>For Installation Above 14', Add</i>	0.59	
26 05 33 13-0503	EA		1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts	7.70	2.75
			<i>For Work In Restricted Working Space, Add</i>	1.65	
			<i>For Installation Above 14', Add</i>	0.83	
26 05 33 13-0504	EA		1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	8.70	3.15
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Installation Above 14', Add</i>	0.94	
26 05 33 13-0505	EA		2" Rigid Galvanized Steel (RGS) Grounding Locknuts	10.23	3.54
			<i>For Work In Restricted Working Space, Add</i>	2.12	
			<i>For Installation Above 14', Add</i>	1.06	
26 05 33 13-0506	EA		2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	15.28	4.71
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Installation Above 14', Add</i>	1.41	
26 05 33 13-0507	EA		3" Rigid Galvanized Steel (RGS) Grounding Locknuts	19.22	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
			<i>For Installation Above 14', Add</i>	1.77	
26 05 33 13-0508	EA		3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	25.42	6.68
			<i>For Work In Restricted Working Space, Add</i>	4.01	
			<i>For Installation Above 14', Add</i>	2.00	
26 05 33 13-0509	EA		4" Rigid Galvanized Steel (RGS) Grounding Locknuts	30.49	7.47
			<i>For Work In Restricted Working Space, Add</i>	4.48	
			<i>For Installation Above 14', Add</i>	2.24	
26 05 33 13-0510			Rigid Galvanized Steel (RGS) Insulated Ground Bushing (26 05 33 13-0042)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0511	EA			1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	7.02 1.41 0.71	2.36
26 05 33 13-0512	EA			3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	8.79 1.89 0.94	3.15
26 05 33 13-0513	EA			1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	11.23 2.36 1.18	3.93
26 05 33 13-0514	EA			1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	16.34 3.77 1.89	6.29
26 05 33 13-0515	EA			1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	18.41 4.25 2.12	7.08
26 05 33 13-0516	EA			2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	20.94 4.72 2.36	7.86
26 05 33 13-0517	EA			2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	28.97 5.66 2.83	9.43
26 05 33 13-0518	EA			3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	35.14 7.07 3.54	11.79
26 05 33 13-0519	EA			3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	43.39 9.43 4.72	15.72
26 05 33 13-0520	EA			4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	52.80 11.79 5.90	19.65
26 05 33 13-0521 Rigid Galvanized Steel (RGS) Threadless Compression Connectors <small>(26 05 33 13-0042)</small>						
26 05 33 13-0522	EA			1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	15.77 4.25 2.12	7.08
26 05 33 13-0523	EA			3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	18.33 4.72 2.36	7.86
26 05 33 13-0524	EA			1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	23.72 5.90 2.95	9.82
26 05 33 13-0525	EA			1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	31.24 7.07 3.54	11.79
26 05 33 13-0526	EA			1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	42.05 9.43 4.72	15.72
26 05 33 13-0527	EA			2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	59.66 11.79 5.90	19.65
26 05 33 13-0528	EA			2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	94.12 14.15 7.07	23.58
26 05 33 13-0529	EA			3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	117.27 16.51 8.25	27.51
26 05 33 13-0530	EA			3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	148.16 20.04 10.02	33.40
26 05 33 13-0531	EA			4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	178.18 23.58 11.79	39.30
26 05 33 13-0532 Rigid Galvanized Steel (RGS) Compression Coupling <small>(26 05 33 13-0042)</small>						
26 05 33 13-0533	EA			1/2" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	22.26 5.90 2.95	9.82
26 05 33 13-0534	EA			3/4" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	27.77 7.07 3.54	11.79
26 05 33 13-0535	EA			1" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	38.74 9.43 4.72	15.72
26 05 33 13-0536	EA			1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	50.11 11.79 5.90	19.65
26 05 33 13-0537	EA			1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	61.24 14.15 7.07	23.58
26 05 33 13-0538	EA			2" Rigid Galvanized Steel (RGS) Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	85.80 16.51 8.25	27.51
26 05 33 13-0539	EA			2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	127.72 18.86 9.43	31.44

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0540	EA 3" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	140.14 16.27 8.13	27.12
26 05 33 13-0541	EA 3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	195.61 24.76 12.38	41.26
26 05 33 13-0542	EA 4" Rigid Galvanized Steel (RGS) Compression Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	239.02 28.29 14.15	47.16
26 05 33 13-0543	Rigid Galvanized Steel (RGS) Knock Out Seal (26 05 33 13-0042)		
26 05 33 13-0544	EA 1/2" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	4.13 1.18 0.59	1.96
26 05 33 13-0545	EA 3/4" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	4.97 1.41 0.71	2.36
26 05 33 13-0546	EA 1" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	5.91 1.65 0.83	2.75
26 05 33 13-0547	EA 1-1/4" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	7.61 2.12 1.06	3.54
26 05 33 13-0548	EA 1-1/2" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	8.60 2.36 1.18	3.93
26 05 33 13-0549	EA 2" Snap-in Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	10.48 2.83 1.41	4.71
26 05 33 13-0550	EA 2-1/2" 3-Piece Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	14.24 3.54 1.77	5.89
26 05 33 13-0551	EA 3" 3-Piece Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	16.47 4.01 2.00	6.68
26 05 33 13-0552	EA 3-1/2" 3-Piece Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	18.55 4.48 2.24	7.47
26 05 33 13-0553	EA 4" 3-Piece Knock Out Seal..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	21.27 4.95 2.48	8.25
26 05 33 13-0554	Rigid Galvanized Steel (RGS) Chase Nipples (26 05 33 13-0042)		
26 05 33 13-0555	EA 1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.73 2.83 1.41 2.83	4.71
26 05 33 13-0556	EA 3/4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.51 3.30 1.65 3.30	5.50
26 05 33 13-0557	EA 1" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.45 4.01 2.00 4.01	6.68
26 05 33 13-0558	EA 1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.62 4.72 2.36 4.72	7.86
26 05 33 13-0559	EA 1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.09 5.90 2.95 5.90	9.82
26 05 33 13-0560	EA 2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.54 7.07 3.54 7.07	11.79
26 05 33 13-0561	EA 2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.04 8.25 4.13 8.25	13.75
26 05 33 13-0562	EA 3" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.17 9.43 4.72 9.43	15.72
26 05 33 13-0563	EA 3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.03 10.61 5.31 10.61	17.68
26 05 33 13-0564	EA 4" Rigid Galvanized Steel (RGS) Chase Nipple..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.93 11.79 5.90 11.79	19.65
26 05 33 13-0565	Rigid Galvanized Steel (RGS) Pulling Elbow (26 05 33 13-0042)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0566 EA 1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	19.34 4.25 2.12	7.08
26 05 33 13-0567 EA 3/4" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	22.46 4.95 2.48	8.25
26 05 33 13-0568 EA 1" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	28.77 5.66 2.83	9.43
26 05 33 13-0569 EA 1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	36.91 7.07 3.54	11.79
26 05 33 13-0570 EA 1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	49.45 8.49 4.24	14.15
26 05 33 13-0571 EA 2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	66.50 9.90 4.95	16.50
26 05 33 13-0572 EA 2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	93.01 11.32 5.66	18.87
26 05 33 13-0573 EA 3" Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	164.29 14.15 7.07	23.58
26 05 33 13-0574 Electrical Metallic Tubing (EMT) Thinwall Conduit <small>(26 05 33 13-0041)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0575 Electrical Metallic Tubing (EMT) Thinwall Conduit <small>(26 05 33 13-0574)</small> Note: Includes field bending conduit up to and including 1".		
26 05 33 13-0576 LF 1/2" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	3.82 1.06 0.53 -0.01 -0.20 -0.29 0.35 0.89 0.53 0.08	1.41
26 05 33 13-0577 LF 3/4" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	4.43 1.18 0.59 -0.03 -0.23 -0.34 0.39 0.98 0.59 0.15	1.57
26 05 33 13-0578 LF 1" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	5.21 1.30 0.65 -0.04 -0.28 -0.41 0.43 1.08 0.65 0.27	1.72
26 05 33 13-0579 LF 1-1/4" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	6.12 1.46 0.73 -0.06 -0.34 -0.49 0.49 1.22 0.73 0.38	1.94
26 05 33 13-0580 LF 1-1/2" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	7.04 1.65 0.83 -0.08 -0.39 -0.57 0.55 1.38 0.83 0.46	2.21
26 05 33 13-0581 LF 2" Electrical Metallic Tubing (EMT) Conduit..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Factory Applied Color Coating, Add</i>	8.19 1.89 0.94 -0.10 -0.46 -0.66 0.63 1.57 0.94 0.57	2.52

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0582	LF 2-1/2" Electrical Metallic Tubing (EMT) Conduit.....	10.34	2.99
	For Work In Restricted Working Space, Add	2.24	
	For Installation Above 14', Add	1.12	
	For >250 To 500, Deduct	-0.14	
	For >500 To 1,000, Deduct	-0.59	
	For >1,000, Deduct	-0.85	
	For Installation In Metal Stud Wall, Add	0.75	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.87	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.12	
	For Factory Applied Color Coating, Add	0.86	
26 05 33 13-0583	LF 3" Electrical Metallic Tubing (EMT) Conduit.....	12.30	3.46
	For Work In Restricted Working Space, Add	2.59	
	For Installation Above 14', Add	1.30	
	For >250 To 500, Deduct	-0.18	
	For >500 To 1,000, Deduct	-0.71	
	For >1,000, Deduct	-1.01	
	For Installation In Metal Stud Wall, Add	0.86	
	For Installation In Wood Stud Wall (Includes Drilling), Add	2.16	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.30	
	For Factory Applied Color Coating, Add	1.10	
26 05 33 13-0584	LF 3-1/2" Electrical Metallic Tubing (EMT) Conduit.....	15.25	4.09
	For Work In Restricted Working Space, Add	3.07	
	For Installation Above 14', Add	1.53	
	For >250 To 500, Deduct	-0.25	
	For >500 To 1,000, Deduct	-0.89	
	For >1,000, Deduct	-1.27	
	For Installation In Metal Stud Wall, Add	1.02	
	For Installation In Wood Stud Wall (Includes Drilling), Add	2.56	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.53	
	For Factory Applied Color Coating, Add	1.51	
26 05 33 13-0585	LF 4" Electrical Metallic Tubing (EMT) Conduit.....	20.55	6.01
	For Work In Restricted Working Space, Add	4.51	
	For Installation Above 14', Add	2.25	
	For >250 To 500, Deduct	-0.28	
	For >500 To 1,000, Deduct	-1.17	
	For >1,000, Deduct	-1.68	
	For Installation In Metal Stud Wall, Add	1.50	
	For Installation In Wood Stud Wall (Includes Drilling), Add	3.76	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.25	
	For Factory Applied Color Coating, Add	1.66	
26 05 33 13-0586	Electrical Metallic Tubing (EMT) 90 Degree Elbows <small>(26 05 33 13-0574)</small>		
	See CSI section 26 05 33 13-2193 for conduit field bending.		
26 05 33 13-0587	EA 1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	10.09	3.46
	For Work In Restricted Working Space, Add	2.59	
	For Installation Above 14', Add	1.30	
26 05 33 13-0588	EA 3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	11.15	3.77
	For Work In Restricted Working Space, Add	2.83	
	For Installation Above 14', Add	1.41	
26 05 33 13-0589	EA 1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	12.87	4.40
	For Work In Restricted Working Space, Add	3.30	
	For Installation Above 14', Add	1.65	
26 05 33 13-0590	EA 1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	14.34	4.71
	For Work In Restricted Working Space, Add	3.54	
	For Installation Above 14', Add	1.77	
26 05 33 13-0591	EA 1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	17.46	5.65
	For Work In Restricted Working Space, Add	4.25	
	For Installation Above 14', Add	2.12	
26 05 33 13-0592	EA 2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	23.44	7.23
	For Work In Restricted Working Space, Add	5.42	
	For Installation Above 14', Add	2.71	
26 05 33 13-0593	EA 2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	34.20	8.17
	For Work In Restricted Working Space, Add	6.13	
	For Installation Above 14', Add	3.06	
26 05 33 13-0594	EA 3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	42.43	9.11
	For Work In Restricted Working Space, Add	6.84	
	For Installation Above 14', Add	3.42	
26 05 33 13-0595	EA 3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	50.28	10.06
	For Work In Restricted Working Space, Add	7.55	
	For Installation Above 14', Add	3.77	
26 05 33 13-0596	EA 4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	97.43	26.30
	For Work In Restricted Working Space, Add	19.73	
	For Installation Above 14', Add	9.86	
26 05 33 13-0597	Electrical Metallic Tubing (EMT) Set Screw Couplings <small>(26 05 33 13-0574)</small>		
26 05 33 13-0598	EA 1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	4.10	1.88
	For Work In Restricted Working Space, Add	1.18	
	For Installation Above 14', Add	0.59	
26 05 33 13-0599	EA 3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	5.00	1.88
	For Work In Restricted Working Space, Add	1.41	
	For Installation Above 14', Add	0.71	
26 05 33 13-0600	EA 1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	6.00	2.21
	For Work In Restricted Working Space, Add	1.65	
	For Installation Above 14', Add	0.83	
26 05 33 13-0601	EA 1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	7.95	2.83
	For Work In Restricted Working Space, Add	2.12	
	For Installation Above 14', Add	1.06	

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

26 05 33 13-0602	EA 1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	9.92	3.46
	For Work In Restricted Working Space, Add	2.60	
	For Installation Above 14', Add	1.30	
26 05 33 13-0603	EA 2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	13.46	4.71
	For Work In Restricted Working Space, Add	3.54	
	For Installation Above 14', Add	1.77	
26 05 33 13-0604	EA 2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	19.34	6.29
	For Work In Restricted Working Space, Add	4.72	
	For Installation Above 14', Add	2.36	
26 05 33 13-0605	EA 3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	24.06	7.23
	For Work In Restricted Working Space, Add	5.90	
	For Installation Above 14', Add	2.95	
26 05 33 13-0606	EA 3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	28.94	7.86
	For Work In Restricted Working Space, Add	7.07	
	For Installation Above 14', Add	3.54	
26 05 33 13-0607	EA 4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	76.83	21.79
	For Work In Restricted Working Space, Add	21.16	
	For Installation Above 14', Add	10.58	
26 05 33 13-0608	Electrical Metallic Tubing (EMT) Compression Couplings <small>(26 05 33 13-0574)</small>		
26 05 33 13-0609	EA 1/2 Electrical Metallic Tubing (EMT) Compression Coupling.....	5.44	2.06
	For Work In Restricted Working Space, Add	1.55	
	For Installation Above 14', Add	0.77	
26 05 33 13-0610	EA 3/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	5.91	2.21
	For Work In Restricted Working Space, Add	1.65	
	For Installation Above 14', Add	0.83	
26 05 33 13-0611	EA 1" Electrical Metallic Tubing (EMT) Compression Coupling.....	8.55	3.15
	For Work In Restricted Working Space, Add	2.36	
	For Installation Above 14', Add	1.18	
26 05 33 13-0612	EA 1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	10.66	3.77
	For Work In Restricted Working Space, Add	2.83	
	For Installation Above 14', Add	1.41	
26 05 33 13-0613	EA 1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	12.76	4.40
	For Work In Restricted Working Space, Add	3.30	
	For Installation Above 14', Add	1.65	
26 05 33 13-0614	EA 2" Electrical Metallic Tubing (EMT) Compression Coupling.....	15.87	5.34
	For Work In Restricted Working Space, Add	4.01	
	For Installation Above 14', Add	2.00	
26 05 33 13-0615	EA 2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	26.74	7.91
	For Work In Restricted Working Space, Add	5.93	
	For Installation Above 14', Add	2.97	
26 05 33 13-0616	EA 3" Electrical Metallic Tubing (EMT) Compression Coupling.....	30.58	8.80
	For Work In Restricted Working Space, Add	6.60	
	For Installation Above 14', Add	3.30	
26 05 33 13-0617	EA 3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	38.73	11.01
	For Work In Restricted Working Space, Add	8.25	
	For Installation Above 14', Add	4.13	
26 05 33 13-0618	EA 4" Electrical Metallic Tubing (EMT) Compression Coupling.....	47.59	14.15
	For Work In Restricted Working Space, Add	10.61	
	For Installation Above 14', Add	5.31	
26 05 33 13-0619	Electrical Metallic Tubing (EMT) Box Connectors With Set Screw <small>(26 05 33 13-0574)</small>		
26 05 33 13-0620	EA 1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	4.12	1.57
	For Work In Restricted Working Space, Add	1.18	
	For Installation Above 14', Add	0.59	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.18	
26 05 33 13-0621	EA 3/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	5.04	1.88
	For Work In Restricted Working Space, Add	1.41	
	For Installation Above 14', Add	0.71	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.41	
26 05 33 13-0622	EA 1" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	5.98	2.21
	For Work In Restricted Working Space, Add	1.65	
	For Installation Above 14', Add	0.83	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.65	
26 05 33 13-0623	EA 1-1/4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	8.66	3.15
	For Work In Restricted Working Space, Add	2.36	
	For Installation Above 14', Add	1.18	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.36	
26 05 33 13-0624	EA 1-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	10.81	3.77
	For Work In Restricted Working Space, Add	2.83	
	For Installation Above 14', Add	1.41	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-0625	EA 2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	13.58	4.71
	For Work In Restricted Working Space, Add	3.54	
	For Installation Above 14', Add	1.77	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-0626	EA 2-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	20.06	6.29
	For Work In Restricted Working Space, Add	4.72	
	For Installation Above 14', Add	2.36	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.72	
26 05 33 13-0627	EA 3" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	24.81	7.86
	For Work In Restricted Working Space, Add	5.90	
	For Installation Above 14', Add	2.95	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-0628	EA 3-1/2" Electrical Metallic Tubing (EMT) Box Connector With Set Screw.....	29.71	9.43
	For Work In Restricted Working Space, Add	7.07	
	For Installation Above 14', Add	3.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.07	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0629	EA 4" Electrical Metallic Tubing (EMT) Box Connector With Set Screw	34.60	11.01
	<i>For Work In Restricted Working Space, Add</i>	8.25	
	<i>For Installation Above 14', Add</i>	4.13	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.25	
26 05 33 13-0630	Electrical Metallic Tubing (EMT) Insulated Box Connectors With Set Screw		
	<small>(26 05 33 13-0574)</small>		
26 05 33 13-0631	EA 1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	5.89	2.13
	<i>For Work In Restricted Working Space, Add</i>	1.58	
	<i>For Installation Above 14', Add</i>	0.79	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.58	
26 05 33 13-0632	EA 3/4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	6.73	2.28
	<i>For Work In Restricted Working Space, Add</i>	1.72	
	<i>For Installation Above 14', Add</i>	0.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.72	
26 05 33 13-0633	EA 1" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	8.67	2.83
	<i>For Work In Restricted Working Space, Add</i>	2.10	
	<i>For Installation Above 14', Add</i>	1.05	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.10	
26 05 33 13-0634	EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw	11.89	3.62
	<i>For Work In Restricted Working Space, Add</i>	2.69	
	<i>For Installation Above 14', Add</i>	1.34	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.69	
26 05 33 13-0635	EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw	14.77	4.17
	<i>For Work In Restricted Working Space, Add</i>	3.14	
	<i>For Installation Above 14', Add</i>	1.57	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.14	
26 05 33 13-0636	EA 2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	18.81	5.03
	<i>For Work In Restricted Working Space, Add</i>	3.77	
	<i>For Installation Above 14', Add</i>	1.89	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.77	
26 05 33 13-0637	EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw	45.07	7.00
	<i>For Work In Restricted Working Space, Add</i>	5.23	
	<i>For Installation Above 14', Add</i>	2.62	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.23	
26 05 33 13-0638	EA 3" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	55.93	9.27
	<i>For Work In Restricted Working Space, Add</i>	6.98	
	<i>For Installation Above 14', Add</i>	3.49	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.98	
26 05 33 13-0639	EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw	74.32	11.95
	<i>For Work In Restricted Working Space, Add</i>	8.98	
	<i>For Installation Above 14', Add</i>	4.49	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.98	
26 05 33 13-0640	EA 4" Electrical Metallic Tubing (EMT) Insulated Box Connector With Set Screw.....	87.87	15.72
	<i>For Work In Restricted Working Space, Add</i>	11.79	
	<i>For Installation Above 14', Add</i>	5.90	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0641	Electrical Metallic Tubing (EMT) Box Compression Connectors		
	<small>(26 05 33 13-0574)</small>		
26 05 33 13-0642	EA 1/2" Electrical Metallic Tubing (EMT) Box Compression Connector	5.84	1.88
	<i>For Work In Restricted Working Space, Add</i>	1.41	
	<i>For Installation Above 14', Add</i>	0.71	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.41	
26 05 33 13-0643	EA 3/4" Electrical Metallic Tubing (EMT) Box Compression Connector	7.05	2.21
	<i>For Work In Restricted Working Space, Add</i>	1.65	
	<i>For Installation Above 14', Add</i>	0.83	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.65	
26 05 33 13-0644	EA 1" Electrical Metallic Tubing (EMT) Box Compression Connector	9.01	2.52
	<i>For Work In Restricted Working Space, Add</i>	1.89	
	<i>For Installation Above 14', Add</i>	0.94	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-0645	EA 1-1/4" Electrical Metallic Tubing (EMT) Box Compression Connector	14.71	3.77
	<i>For Work In Restricted Working Space, Add</i>	2.83	
	<i>For Installation Above 14', Add</i>	1.41	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-0646	EA 1-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector	18.76	4.40
	<i>For Work In Restricted Working Space, Add</i>	3.30	
	<i>For Installation Above 14', Add</i>	1.65	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.30	
26 05 33 13-0647	EA 2" Electrical Metallic Tubing (EMT) Box Compression Connector	25.66	5.65
	<i>For Work In Restricted Working Space, Add</i>	4.25	
	<i>For Installation Above 14', Add</i>	2.12	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 33 13-0648	EA 2-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector	58.23	7.55
	<i>For Work In Restricted Working Space, Add</i>	5.66	
	<i>For Installation Above 14', Add</i>	2.83	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-0649	EA 3" Electrical Metallic Tubing (EMT) Box Compression Connector	76.33	9.43
	<i>For Work In Restricted Working Space, Add</i>	7.07	
	<i>For Installation Above 14', Add</i>	3.54	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 05 33 13-0650	EA 3-1/2" Electrical Metallic Tubing (EMT) Box Compression Connector	103.71	11.01
	<i>For Work In Restricted Working Space, Add</i>	8.25	
	<i>For Installation Above 14', Add</i>	4.13	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0651 EA 4" Electrical Metallic Tubing (EMT) Box Compression Connector <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.15 9.43 4.72 9.43	12.57
26 05 33 13-0652 Electrical Metallic Tubing (EMT) Insulated Box Compression Connectors <small>(26 05 33 13-0574)</small>		
26 05 33 13-0653 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52 1.58 0.79 1.58	2.13
26 05 33 13-0654 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.49 1.72 0.86 1.72	2.28
26 05 33 13-0655 EA 1" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.01 2.10 1.05 2.10	2.83
26 05 33 13-0656 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.99 2.69 1.34 2.69	3.62
26 05 33 13-0657 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.21 3.14 1.57 3.14	4.17
26 05 33 13-0658 EA 2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.30 3.77 1.89 3.77	5.03
26 05 33 13-0659 EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.84 5.23 2.62 5.23	7.00
26 05 33 13-0660 EA 3" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.91 6.98 3.49 6.98	9.27
26 05 33 13-0661 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.86 8.98 4.49 8.98	11.95
26 05 33 13-0662 EA 4" Electrical Metallic Tubing (EMT) Insulated Box Compression Connector..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.92 11.79 5.90 11.79	15.72
26 05 33 13-0663 Electrical Metallic Tubing (EMT) Expansion Fittings <small>(26 05 33 13-0574)</small>		
Note: Excludes jumper.		
26 05 33 13-0664 EA 1/2" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	51.27 7.85 3.92	10.46
26 05 33 13-0665 EA 3/4" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	61.68 9.51 4.76	12.65
26 05 33 13-0666 EA 1" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	77.54 11.89 5.95	15.88
26 05 33 13-0667 EA 1-1/4" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	95.48 14.63 7.31	19.49
26 05 33 13-0668 EA 1-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	120.64 17.15 8.58	22.87
26 05 33 13-0669 EA 2" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	163.93 20.89 10.44	27.82
26 05 33 13-0670 EA 2-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	238.38 26.83 13.41	35.76
26 05 33 13-0671 EA 3" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	287.02 31.37 15.68	41.81
26 05 33 13-0672 EA 3-1/2" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	365.21 34.20 17.10	45.58
26 05 33 13-0673 EA 4" Electrical Metallic Tubing (EMT) Expansion Fitting..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i>	443.11 37.74 18.87	50.30
26 05 33 13-0674 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters <small>(26 05 33 13-0574)</small>		
26 05 33 13-0675 EA 1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.48 2.09 1.05 2.09	2.83

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0676	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	9.71	2.83
		<i>For Work In Restricted Working Space, Add</i>	2.09	
		<i>For Installation Above 14', Add</i>	1.05	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33 13-0677	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	11.29	3.07
		<i>For Work In Restricted Working Space, Add</i>	2.33	
		<i>For Installation Above 14', Add</i>	1.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.33	
26 05 33 13-0678	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	18.08	3.54
		<i>For Work In Restricted Working Space, Add</i>	2.65	
		<i>For Installation Above 14', Add</i>	1.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-0679	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	21.92	4.24
		<i>For Work In Restricted Working Space, Add</i>	3.20	
		<i>For Installation Above 14', Add</i>	1.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.20	
26 05 33 13-0680	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	24.94	4.87
		<i>For Work In Restricted Working Space, Add</i>	3.66	
		<i>For Installation Above 14', Add</i>	1.83	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.66	
26 05 33 13-0681	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	33.76	6.14
		<i>For Work In Restricted Working Space, Add</i>	4.58	
		<i>For Installation Above 14', Add</i>	2.29	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.58	

26 05 33 13-0682 Intermediate Metal Conduit (IMC) (26 05 33 13-0041)
 Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0683 Intermediate Metal Conduit (IMC) Conduit (26 05 33 13-0682)
 Note: Includes field bending conduit up to 1".

26 05 33 13-0684	LF	1/2" Intermediate Metal Conduit (IMC) Conduit	4.74	1.57
		<i>For Installation Above 14', Add</i>	0.59	
		<i>For Work In Restricted Working Space, Add</i>	1.18	
		<i>For >250 To 500, Deduct</i>	-0.04	
		<i>For >500 To 1,000, Deduct</i>	-0.06	
		<i>For >1,000, Deduct</i>	-0.08	
		<i>For Installation In Metal Stud Wall, Add</i>	0.39	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.98	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.59	
26 05 33 13-0685	LF	3/4" Intermediate Metal Conduit (IMC) Conduit	5.29	1.72
		<i>For Installation Above 14', Add</i>	0.65	
		<i>For Work In Restricted Working Space, Add</i>	1.30	
		<i>For >250 To 500, Deduct</i>	-0.05	
		<i>For >500 To 1,000, Deduct</i>	-0.07	
		<i>For >1,000, Deduct</i>	-0.10	
		<i>For Installation In Metal Stud Wall, Add</i>	0.43	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.08	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.65	
26 05 33 13-0686	LF	1" Intermediate Metal Conduit (IMC) Conduit	6.20	1.88
		<i>For Installation Above 14', Add</i>	0.71	
		<i>For Work In Restricted Working Space, Add</i>	1.41	
		<i>For >250 To 500, Deduct</i>	-0.07	
		<i>For >500 To 1,000, Deduct</i>	-0.11	
		<i>For >1,000, Deduct</i>	-0.15	
		<i>For Installation In Metal Stud Wall, Add</i>	0.47	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.18	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.71	
26 05 33 13-0687	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit	7.39	3.77
		<i>For Installation Above 14', Add</i>	0.83	
		<i>For Work In Restricted Working Space, Add</i>	1.65	
		<i>For >250 To 500, Deduct</i>	-0.09	
		<i>For >500 To 1,000, Deduct</i>	-0.14	
		<i>For >1,000, Deduct</i>	-0.19	
		<i>For Installation In Metal Stud Wall, Add</i>	0.55	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.38	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.83	
26 05 33 13-0688	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	8.52	2.52
		<i>For Installation Above 14', Add</i>	0.94	
		<i>For Work In Restricted Working Space, Add</i>	1.89	
		<i>For >250 To 500, Deduct</i>	-0.11	
		<i>For >500 To 1,000, Deduct</i>	-0.17	
		<i>For >1,000, Deduct</i>	-0.22	
		<i>For Installation In Metal Stud Wall, Add</i>	0.63	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.57	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.94	
26 05 33 13-0689	LF	2" Intermediate Metal Conduit (IMC) Conduit	10.11	2.83
		<i>For Installation Above 14', Add</i>	1.06	
		<i>For Work In Restricted Working Space, Add</i>	2.12	
		<i>For >250 To 500, Deduct</i>	-0.15	
		<i>For >500 To 1,000, Deduct</i>	-0.23	
		<i>For >1,000, Deduct</i>	-0.30	
		<i>For Installation In Metal Stud Wall, Add</i>	0.71	
		<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.77	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.06	

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

26 05 33 13-0690	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit.....	16.14	3.77
		<i>For Installation Above 14', Add</i>	1.41	
		<i>For Work In Restricted Working Space, Add</i>	2.83	
		<i>For >250 To 500, Deduct</i>	-0.34	
		<i>For >500 To 1,000, Deduct</i>	-0.50	
		<i>For >1,000, Deduct</i>	-0.67	
		<i>For Installation In Metal Stub Wall, Add</i>	0.94	
26 05 33 13-0691	LF	3" Intermediate Metal Conduit (IMC) Conduit.....	20.04	4.71
		<i>For Installation Above 14', Add</i>	1.77	
		<i>For Work In Restricted Working Space, Add</i>	3.54	
		<i>For >250 To 500, Deduct</i>	-0.41	
		<i>For >500 To 1,000, Deduct</i>	-0.62	
		<i>For >1,000, Deduct</i>	-0.83	
		<i>For Installation In Metal Stub Wall, Add</i>	1.18	
26 05 33 13-0692	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit.....	23.71	5.65
		<i>For Installation Above 14', Add</i>	2.12	
		<i>For Work In Restricted Working Space, Add</i>	4.25	
		<i>For >250 To 500, Deduct</i>	-0.48	
		<i>For >500 To 1,000, Deduct</i>	-0.72	
		<i>For >1,000, Deduct</i>	-0.96	
		<i>For Installation In Metal Stub Wall, Add</i>	1.42	
26 05 33 13-0693	LF	4" Intermediate Metal Conduit (IMC) Conduit.....	27.75	6.61
		<i>For Installation Above 14', Add</i>	2.48	
		<i>For Work In Restricted Working Space, Add</i>	4.95	
		<i>For >250 To 500, Deduct</i>	-0.56	
		<i>For >500 To 1,000, Deduct</i>	-0.84	
		<i>For >1,000, Deduct</i>	-1.13	
		<i>For Installation In Metal Stub Wall, Add</i>	1.65	

26 05 33 13-0694 Intermediate Metal Conduit (IMC) 90 Degree Elbows (26 05 33 13-0682)
 See CSI section 26 05 33 13-2193 for conduit field bending.

26 05 33 13-0695	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	36.45	11.87
		<i>For Installation Above 14', Add</i>	4.44	
		<i>For Work In Restricted Working Space, Add</i>	8.87	
26 05 33 13-0696	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	43.99	13.75
		<i>For Installation Above 14', Add</i>	5.15	
		<i>For Work In Restricted Working Space, Add</i>	10.31	
26 05 33 13-0697	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	51.62	15.80
		<i>For Installation Above 14', Add</i>	5.92	
		<i>For Work In Restricted Working Space, Add</i>	11.83	
26 05 33 13-0698	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	60.91	17.37
		<i>For Installation Above 14', Add</i>	6.51	
		<i>For Work In Restricted Working Space, Add</i>	13.01	
26 05 33 13-0699	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	83.98	21.69
		<i>For Installation Above 14', Add</i>	8.13	
		<i>For Work In Restricted Working Space, Add</i>	16.27	
26 05 33 13-0700	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	119.43	29.55
		<i>For Installation Above 14', Add</i>	11.08	
		<i>For Work In Restricted Working Space, Add</i>	22.16	
26 05 33 13-0701	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	163.75	33.32
		<i>For Installation Above 14', Add</i>	12.50	
		<i>For Work In Restricted Working Space, Add</i>	25.00	
26 05 33 13-0702	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow.....	201.74	43.39
		<i>For Installation Above 14', Add</i>	16.27	
		<i>For Work In Restricted Working Space, Add</i>	32.53	

26 05 33 13-0703 Intermediate Metal Conduit (IMC) Bushing Sets With Locknut (26 05 33 13-0682)

26 05 33 13-0704	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	10.52	4.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.07	
26 05 33 13-0705	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	12.30	0.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33 13-0706	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	15.79	5.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-0707	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	19.20	7.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.42	
26 05 33 13-0708	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	21.26	7.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0709	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	27.02	9.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.31	
26 05 33 13-0710	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	47.60	15.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0711	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	60.83	21.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.04	
26 05 33 13-0712	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	77.01	25.46
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.10	
26 05 33 13-0713	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	90.37	29.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.16	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0714	Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings <small>(26 05 33 13-0682)</small> Note: 3-Piece coupling.		
26 05 33 13-0715	EA 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	33.79	12.57
	For Installation Above 14', Add	4.72	
	For Work In Restricted Working Space, Add	9.44	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.44	
26 05 33 13-0716	EA 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	38.10	14.06
	For Installation Above 14', Add	5.27	
	For Work In Restricted Working Space, Add	10.54	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.54	
26 05 33 13-0717	EA 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	44.86	15.64
	For Installation Above 14', Add	5.87	
	For Work In Restricted Working Space, Add	11.74	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.74	
26 05 33 13-0718	EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	53.38	17.13
	For Installation Above 14', Add	6.42	
	For Work In Restricted Working Space, Add	12.85	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.85	
26 05 33 13-0719	EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	60.09	18.71
	For Installation Above 14', Add	7.03	
	For Work In Restricted Working Space, Add	14.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.06	
26 05 33 13-0720	EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	77.21	20.28
	For Installation Above 14', Add	7.61	
	For Work In Restricted Working Space, Add	15.22	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.22	
26 05 33 13-0721	EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	119.51	25.15
	For Installation Above 14', Add	9.43	
	For Work In Restricted Working Space, Add	18.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.86	
26 05 33 13-0722	EA 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	164.95	31.44
	For Installation Above 14', Add	11.79	
	For Work In Restricted Working Space, Add	23.58	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.58	
26 05 33 13-0723	EA 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	233.08	37.72
	For Installation Above 14', Add	14.15	
	For Work In Restricted Working Space, Add	28.30	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.30	
26 05 33 13-0724	EA 4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	266.39	40.87
	For Installation Above 14', Add	15.32	
	For Work In Restricted Working Space, Add	30.65	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.65	
26 05 33 13-0725	Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0682)</small>		
26 05 33 13-0726	EA 1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	18.23	6.29
	For Installation Above 14', Add	2.36	
	For Work In Restricted Working Space, Add	4.72	
26 05 33 13-0727	EA 3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	20.26	6.92
	For Installation Above 14', Add	2.59	
	For Work In Restricted Working Space, Add	5.19	
26 05 33 13-0728	EA 1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	23.19	7.86
	For Installation Above 14', Add	2.95	
	For Work In Restricted Working Space, Add	5.90	
26 05 33 13-0729	EA 1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	25.89	8.49
	For Installation Above 14', Add	3.18	
	For Work In Restricted Working Space, Add	6.37	
26 05 33 13-0730	EA 1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	30.09	9.43
	For Installation Above 14', Add	3.54	
	For Work In Restricted Working Space, Add	7.07	
26 05 33 13-0731	EA 2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	35.56	10.38
	For Installation Above 14', Add	3.89	
	For Work In Restricted Working Space, Add	7.78	
26 05 33 13-0732	EA 2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	46.87	12.57
	For Installation Above 14', Add	4.72	
	For Work In Restricted Working Space, Add	9.43	
26 05 33 13-0733	EA 3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	58.13	15.72
	For Installation Above 14', Add	5.90	
	For Work In Restricted Working Space, Add	11.79	
26 05 33 13-0734	EA 3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	69.81	18.87
	For Installation Above 14', Add	7.07	
	For Work In Restricted Working Space, Add	14.15	
26 05 33 13-0735	EA 4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	77.99	20.43
	For Installation Above 14', Add	7.66	
	For Work In Restricted Working Space, Add	15.33	

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

26 05 33 13-0736 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs <small>(26 05 33 13-0682)</small>				
26 05 33 13-0737	EA	1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	16.77	6.29
		<i>For Installation Above 14', Add</i>	2.36	
		<i>For Work In Restricted Working Space, Add</i>	4.72	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.72	
26 05 33 13-0738	EA	3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	21.22	7.86
		<i>For Installation Above 14', Add</i>	2.95	
		<i>For Work In Restricted Working Space, Add</i>	5.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0739	EA	1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	25.90	9.43
		<i>For Installation Above 14', Add</i>	3.54	
		<i>For Work In Restricted Working Space, Add</i>	7.07	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 05 33 13-0740	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	30.79	11.01
		<i>For Installation Above 14', Add</i>	4.13	
		<i>For Work In Restricted Working Space, Add</i>	8.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.25	
26 05 33 13-0741	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	35.67	12.57
		<i>For Installation Above 14', Add</i>	4.72	
		<i>For Work In Restricted Working Space, Add</i>	9.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.43	
26 05 33 13-0742	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	41.49	14.15
		<i>For Installation Above 14', Add</i>	5.31	
		<i>For Work In Restricted Working Space, Add</i>	10.61	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.61	
26 05 33 13-0743	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	49.55	15.72
		<i>For Installation Above 14', Add</i>	5.90	
		<i>For Work In Restricted Working Space, Add</i>	11.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0744	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	57.03	17.29
		<i>For Installation Above 14', Add</i>	6.48	
		<i>For Work In Restricted Working Space, Add</i>	12.97	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.97	
26 05 33 13-0745	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	68.99	20.43
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0746	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	77.59	22.00
		<i>For Installation Above 14', Add</i>	8.25	
		<i>For Work In Restricted Working Space, Add</i>	16.50	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.50	
26 05 33 13-0747 Intermediate Metal Conduit (IMC) Expansion Fittings <small>(26 05 33 13-0682)</small>				
26 05 33 13-0748	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	76.75	12.57
		<i>For Installation Above 14', Add</i>	4.72	
		<i>For Work In Restricted Working Space, Add</i>	9.44	
26 05 33 13-0749	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	85.20	14.15
		<i>For Installation Above 14', Add</i>	5.31	
		<i>For Work In Restricted Working Space, Add</i>	10.61	
26 05 33 13-0750	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	94.68	15.72
		<i>For Installation Above 14', Add</i>	5.90	
		<i>For Work In Restricted Working Space, Add</i>	11.79	
26 05 33 13-0751	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	112.32	17.29
		<i>For Installation Above 14', Add</i>	6.48	
		<i>For Work In Restricted Working Space, Add</i>	12.97	
26 05 33 13-0752	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	134.80	18.87
		<i>For Installation Above 14', Add</i>	7.07	
		<i>For Work In Restricted Working Space, Add</i>	14.15	
26 05 33 13-0753	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	171.93	20.43
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.32	
26 05 33 13-0754	EA	2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	252.70	25.15
		<i>For Installation Above 14', Add</i>	9.43	
		<i>For Work In Restricted Working Space, Add</i>	18.86	
26 05 33 13-0755	EA	3" Intermediate Metal Conduit (IMC) Expansion Fitting	305.25	31.44
		<i>For Installation Above 14', Add</i>	11.79	
		<i>For Work In Restricted Working Space, Add</i>	23.58	
26 05 33 13-0756	EA	3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	418.13	37.72
		<i>For Installation Above 14', Add</i>	14.15	
		<i>For Work In Restricted Working Space, Add</i>	28.30	
26 05 33 13-0757	EA	4" Intermediate Metal Conduit (IMC) Expansion Fitting	480.22	40.87
		<i>For Installation Above 14', Add</i>	15.32	
		<i>For Work In Restricted Working Space, Add</i>	30.65	
26 05 33 13-0758 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0682)</small>				
26 05 33 13-0759	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	56.73	19.65
		<i>For Installation Above 14', Add</i>	5.90	
		<i>For Work In Restricted Working Space, Add</i>	11.79	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 05 33 13-0760	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	67.63	23.58
		<i>For Installation Above 14', Add</i>	7.07	
		<i>For Work In Restricted Working Space, Add</i>	14.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.15	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0761	EA 1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	81.33	27.51
	<i>For Installation Above 14', Add</i>	8.25	
	<i>For Work In Restricted Working Space, Add</i>	16.51	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.51	
26 05 33 13-0762	EA 1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	94.83	31.44
	<i>For Installation Above 14', Add</i>	9.43	
	<i>For Work In Restricted Working Space, Add</i>	18.86	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33 13-0763	EA 1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	118.85	35.37
	<i>For Installation Above 14', Add</i>	10.61	
	<i>For Work In Restricted Working Space, Add</i>	21.22	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.22	
26 05 33 13-0764	EA 2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	140.92	39.30
	<i>For Installation Above 14', Add</i>	11.79	
	<i>For Work In Restricted Working Space, Add</i>	23.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.58	
26 05 33 13-0765	EA 2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	191.15	47.16
	<i>For Installation Above 14', Add</i>	14.15	
	<i>For Work In Restricted Working Space, Add</i>	28.29	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.29	
26 05 33 13-0766	EA 3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	228.33	55.02
	<i>For Installation Above 14', Add</i>	16.50	
	<i>For Work In Restricted Working Space, Add</i>	33.01	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.01	
26 05 33 13-0767	EA 3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	466.92	62.88
	<i>For Installation Above 14', Add</i>	18.86	
	<i>For Work In Restricted Working Space, Add</i>	37.73	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.73	
26 05 33 13-0768	EA 4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	536.33	70.74
	<i>For Installation Above 14', Add</i>	21.22	
	<i>For Work In Restricted Working Space, Add</i>	42.44	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.44	
26 05 33 13-0769	Intermediate Metal Conduit (IMC) Threaded Couplings <small>(26 05 33 13-0682)</small>		
26 05 33 13-0770	EA 1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	10.01	3.77
	<i>For Installation Above 14', Add</i>	1.41	
	<i>For Work In Restricted Working Space, Add</i>	2.83	
26 05 33 13-0771	EA 3/4" Intermediate Metal Conduit (IMC) Threaded Coupling	14.08	5.34
	<i>For Installation Above 14', Add</i>	2.00	
	<i>For Work In Restricted Working Space, Add</i>	4.01	
26 05 33 13-0772	EA 1" Intermediate Metal Conduit (IMC) Threaded Coupling	18.36	6.92
	<i>For Installation Above 14', Add</i>	2.59	
	<i>For Work In Restricted Working Space, Add</i>	5.18	
26 05 33 13-0773	EA 1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	20.99	7.86
	<i>For Installation Above 14', Add</i>	2.95	
	<i>For Work In Restricted Working Space, Add</i>	5.90	
26 05 33 13-0774	EA 1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	25.27	9.43
	<i>For Installation Above 14', Add</i>	3.54	
	<i>For Work In Restricted Working Space, Add</i>	7.07	
26 05 33 13-0775	EA 2" Intermediate Metal Conduit (IMC) Threaded Coupling	28.98	10.69
	<i>For Installation Above 14', Add</i>	4.01	
	<i>For Work In Restricted Working Space, Add</i>	8.02	
26 05 33 13-0776	EA 2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	34.81	11.95
	<i>For Installation Above 14', Add</i>	4.48	
	<i>For Work In Restricted Working Space, Add</i>	8.96	
26 05 33 13-0777	EA 3" Intermediate Metal Conduit (IMC) Threaded Coupling	40.57	13.51
	<i>For Installation Above 14', Add</i>	5.07	
	<i>For Work In Restricted Working Space, Add</i>	10.14	
26 05 33 13-0778	EA 3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	46.00	14.78
	<i>For Installation Above 14', Add</i>	5.54	
	<i>For Work In Restricted Working Space, Add</i>	11.09	
26 05 33 13-0779	EA 4" Intermediate Metal Conduit (IMC) Threaded Coupling	48.41	15.72
	<i>For Installation Above 14', Add</i>	5.89	
	<i>For Work In Restricted Working Space, Add</i>	11.79	
26 05 33 13-0780	Intermediate Metal Conduit (IMC) Reducer Bushings <small>(26 05 33 13-0682)</small>		
26 05 33 13-0781	EA 1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	4.60	1.57
	<i>For Installation Above 14', Add</i>	0.59	
	<i>For Work In Restricted Working Space, Add</i>	1.18	
26 05 33 13-0782	EA 3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	4.98	1.57
	<i>For Installation Above 14', Add</i>	0.59	
	<i>For Work In Restricted Working Space, Add</i>	1.18	
26 05 33 13-0783	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0041)</small>		
	Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0784	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0783)</small>		
	Note: Includes field bending for conduit up to 1".		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0785	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	9.78 0.83 1.65 -0.35 -0.60 -0.84	2.21
26 05 33 13-0786	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	11.25 0.94 1.89 -0.41 -0.69 -0.97	2.52
26 05 33 13-0787	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	14.28 1.18 2.36 -0.52 -0.87 -1.23	3.15
26 05 33 13-0788	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	17.57 1.41 2.83 -0.64 -1.08 -1.52	3.77
26 05 33 13-0789	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	21.69 1.77 3.54 -0.79 -1.33 -1.87	4.71
26 05 33 13-0790	LF	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	27.05 2.12 4.25 -1.00 -1.68 -2.35	5.65
26 05 33 13-0791	LF	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	36.06 2.48 4.95 -1.39 -2.29 -3.19	6.61
26 05 33 13-0792	LF	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	45.09 3.06 6.13 -1.74 -2.87 -4.00	8.17
26 05 33 13-0793	LF	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	55.32 3.77 7.55 -2.14 -3.52 -4.90	10.06
26 05 33 13-0794	LF	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	65.42 4.48 8.96 -2.52 -4.16 -5.80	11.95
26 05 33 13-0795	LF	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	98.39 5.31 10.61 -4.04 -6.50 -8.95	14.15
26 05 33 13-0796	LF	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	133.53 7.07 14.15 -5.50 -8.84 -12.17	18.87
26 05 33 13-0797		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings (26 05 33 13-0783)		
26 05 33 13-0798	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	10.66 0.92 1.84	3.07
26 05 33 13-0799	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	12.91 1.23 2.45	4.09
26 05 33 13-0800	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	16.37 1.53 3.07	5.11
26 05 33 13-0801	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	18.41 1.69 3.37	5.62

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0802	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	21.81	6.64
	<i>For Installation Above 14', Add</i>	1.99	
	<i>For Work In Restricted Working Space, Add</i>	3.98	
26 05 33 13-0803	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	27.81	7.66
	<i>For Installation Above 14', Add</i>	2.30	
	<i>For Work In Restricted Working Space, Add</i>	4.60	
26 05 33 13-0804	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	49.27	9.19
	<i>For Installation Above 14', Add</i>	2.76	
	<i>For Work In Restricted Working Space, Add</i>	5.52	
26 05 33 13-0805	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	63.04	12.77
	<i>For Installation Above 14', Add</i>	3.83	
	<i>For Work In Restricted Working Space, Add</i>	7.66	
26 05 33 13-0806	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	77.74	14.82
	<i>For Installation Above 14', Add</i>	4.44	
	<i>For Work In Restricted Working Space, Add</i>	8.89	
26 05 33 13-0807	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	97.12	20.43
	<i>For Installation Above 14', Add</i>	6.13	
	<i>For Work In Restricted Working Space, Add</i>	12.26	
26 05 33 13-0808	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	239.51	28.10
	<i>For Installation Above 14', Add</i>	8.43	
	<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-0809	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	236.45	15.84
	<i>For Installation Above 14', Add</i>	4.75	
	<i>For Work In Restricted Working Space, Add</i>	9.50	
26 05 33 13-0810 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel			
(RGS) Standard Radius Elbows <small>(26 05 33 13-0783)</small>			
Note: 90, 45, or 30 degree.			
26 05 33 13-0811	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	41.38	12.77
	<i>For Installation Above 14', Add</i>	3.83	
	<i>For Work In Restricted Working Space, Add</i>	7.66	
26 05 33 13-0812	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	48.13	15.84
	<i>For Installation Above 14', Add</i>	4.75	
	<i>For Work In Restricted Working Space, Add</i>	9.50	
26 05 33 13-0813	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	57.69	19.41
	<i>For Installation Above 14', Add</i>	5.82	
	<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-0814	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	68.13	22.48
	<i>For Installation Above 14', Add</i>	6.74	
	<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-0815	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	79.57	25.54
	<i>For Installation Above 14', Add</i>	7.66	
	<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-0816	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	95.95	28.10
	<i>For Installation Above 14', Add</i>	8.43	
	<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-0817	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	145.39	35.25
	<i>For Installation Above 14', Add</i>	10.57	
	<i>For Work In Restricted Working Space, Add</i>	21.15	
26 05 33 13-0818	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	215.73	48.02
	<i>For Installation Above 14', Add</i>	14.41	
	<i>For Work In Restricted Working Space, Add</i>	28.82	
26 05 33 13-0819	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	265.35	54.15
	<i>For Installation Above 14', Add</i>	16.25	
	<i>For Work In Restricted Working Space, Add</i>	32.49	
26 05 33 13-0820	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	307.00	70.49
	<i>For Installation Above 14', Add</i>	21.15	
	<i>For Work In Restricted Working Space, Add</i>	42.30	
26 05 33 13-0821	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	629.93	114.94
	<i>For Installation Above 14', Add</i>	34.48	
	<i>For Work In Restricted Working Space, Add</i>	68.97	
26 05 33 13-0822	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	988.37	172.67
	<i>For Installation Above 14', Add</i>	51.80	
	<i>For Work In Restricted Working Space, Add</i>	103.61	
26 05 33 13-0823 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel			
(RGS) 12" Large Radius Elbows <small>(26 05 33 13-0783)</small>			
26 05 33 13-0824	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	95.03	19.41
	<i>For Installation Above 14', Add</i>	5.82	
	<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-0825	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	107.11	22.48
	<i>For Installation Above 14', Add</i>	6.74	
	<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-0826	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	122.25	25.54
	<i>For Installation Above 14', Add</i>	7.66	
	<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-0827	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	145.20	28.10
	<i>For Installation Above 14', Add</i>	8.43	
	<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-0828	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	201.13	35.25
	<i>For Installation Above 14', Add</i>	10.57	
	<i>For Work In Restricted Working Space, Add</i>	21.15	
26 05 33 13-0829 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel			
(RGS) 15" Large Radius Elbows <small>(26 05 33 13-0783)</small>			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0830	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	105.13 5.82 11.65	19.41
26 05 33	13-0831	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	123.80 6.74 13.49	22.48
26 05 33	13-0832	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	134.22 7.66 15.33	25.54
26 05 33	13-0833	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	171.29 8.43 16.86	28.10
26 05 33	13-0834	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	226.28 10.57 21.15	35.25
26 05 33	13-0835	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	290.33 14.41 28.82	48.02
26 05 33	13-0836		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows <small>(26 05 33 13-0783)</small>		
26 05 33	13-0837	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	117.20 5.82 11.65	19.41
26 05 33	13-0838	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	132.49 6.74 13.49	22.48
26 05 33	13-0839	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	149.57 7.66 15.33	25.54
26 05 33	13-0840	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	179.94 8.43 16.86	28.10
26 05 33	13-0841	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	255.19 10.57 21.15	35.25
26 05 33	13-0842	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	324.27 14.41 28.82	48.02
26 05 33	13-0843	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	407.47 16.25 32.49	54.15
26 05 33	13-0844	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	461.84 21.15 42.30	70.49
26 05 33	13-0845		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows <small>(26 05 33 13-0783)</small>		
26 05 33	13-0846	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	138.06 5.82 11.65	19.41
26 05 33	13-0847	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	152.89 6.74 13.49	22.48
26 05 33	13-0848	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	172.73 7.66 15.33	25.54
26 05 33	13-0849	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	213.29 8.43 16.86	28.10
26 05 33	13-0850	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	306.92 10.57 21.15	35.25
26 05 33	13-0851	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	381.77 14.41 28.82	48.02
26 05 33	13-0852	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	442.58 16.25 32.49	54.15
26 05 33	13-0853	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	526.29 21.15 42.30	70.49
26 05 33	13-0854		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows <small>(26 05 33 13-0783)</small>		
26 05 33	13-0855	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	154.28 5.82 11.65	19.41
26 05 33	13-0856	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	171.87 6.74 13.49	22.48
26 05 33	13-0857	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	195.52 7.66 15.33	25.54

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0858	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	242.32 8.43 16.86	28.10
26 05 33	13-0859	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	335.15 10.57 21.15	35.25
26 05 33	13-0860	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	427.76 14.41 28.82	48.02
26 05 33	13-0861	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	527.94 16.25 32.49	54.15
26 05 33	13-0862	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	585.46 21.15 42.30	70.49
26 05 33	13-0863	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	975.32 34.48 68.97	114.94
26 05 33	13-0864	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows <small>(26 05 33 13-0783)</small>			
26 05 33	13-0865	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	175.51 5.82 11.65	19.41
26 05 33	13-0866	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	194.82 6.74 13.49	22.48
26 05 33	13-0867	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	220.51 7.66 15.33	25.54
26 05 33	13-0868	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	274.52 8.43 16.86	28.10
26 05 33	13-0869	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	382.19 10.57 21.15	35.25
26 05 33	13-0870	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	486.35 14.41 28.82	48.02
26 05 33	13-0871	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	570.71 16.25 32.49	54.15
26 05 33	13-0872	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	661.83 21.15 42.30	70.49
26 05 33	13-0873	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,028.85 34.48 68.97	114.94
26 05 33	13-0874	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,411.33 51.80 103.61	172.67
26 05 33	13-0875	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows <small>(26 05 33 13-0783)</small>			
26 05 33	13-0876	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	205.05 5.82 11.65	19.41
26 05 33	13-0877	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	215.28 6.74 13.49	22.48
26 05 33	13-0878	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	253.95 7.66 15.33	25.54
26 05 33	13-0879	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	319.34 8.43 16.86	28.10
26 05 33	13-0880	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	445.62 10.58 21.15	35.25
26 05 33	13-0881	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	565.35 14.41 28.82	48.02
26 05 33	13-0882	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	689.62 16.25 32.49	54.15
26 05 33	13-0883	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	810.42 21.15 42.30	70.49
26 05 33	13-0884	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,203.45 34.48 68.97	114.94
26 05 33	13-0885	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,491.48 51.80 103.61	172.67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0886			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows <small>(26 05 33 13-0783)</small>		
26 05 33 13-0887	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	212.17	19.41
			<i>For Installation Above 14', Add</i>	5.82	
			<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-0888	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	249.87	22.48
			<i>For Installation Above 14', Add</i>	6.74	
			<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-0889	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	282.88	25.54
			<i>For Installation Above 14', Add</i>	7.66	
			<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-0890	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	332.83	28.10
			<i>For Installation Above 14', Add</i>	8.43	
			<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-0891	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	461.46	35.25
			<i>For Installation Above 14', Add</i>	10.58	
			<i>For Work In Restricted Working Space, Add</i>	21.15	
26 05 33 13-0892	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	589.64	48.02
			<i>For Installation Above 14', Add</i>	14.41	
			<i>For Work In Restricted Working Space, Add</i>	28.82	
26 05 33 13-0893	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	754.38	54.15
			<i>For Installation Above 14', Add</i>	16.25	
			<i>For Work In Restricted Working Space, Add</i>	32.49	
26 05 33 13-0894	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	844.12	70.49
			<i>For Installation Above 14', Add</i>	21.15	
			<i>For Work In Restricted Working Space, Add</i>	42.30	
26 05 33 13-0895	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,250.35	114.94
			<i>For Installation Above 14', Add</i>	34.48	
			<i>For Work In Restricted Working Space, Add</i>	68.97	
26 05 33 13-0896	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,532.20	172.67
			<i>For Installation Above 14', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	103.61	
26 05 33 13-0897			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings <small>(26 05 33 13-0783)</small>		
26 05 33 13-0898	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	78.81	12.77
			<i>For Installation Above 14', Add</i>	3.83	
			<i>For Work In Restricted Working Space, Add</i>	7.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0899	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	96.53	16.86
			<i>For Installation Above 14', Add</i>	5.06	
			<i>For Work In Restricted Working Space, Add</i>	10.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	
26 05 33 13-0900	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	128.54	19.41
			<i>For Installation Above 14', Add</i>	5.82	
			<i>For Work In Restricted Working Space, Add</i>	11.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0901	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	210.60	22.48
			<i>For Installation Above 14', Add</i>	6.74	
			<i>For Work In Restricted Working Space, Add</i>	13.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0902	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	232.59	25.54
			<i>For Installation Above 14', Add</i>	7.66	
			<i>For Work In Restricted Working Space, Add</i>	15.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0903	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	293.65	28.10
			<i>For Installation Above 14', Add</i>	8.43	
			<i>For Work In Restricted Working Space, Add</i>	16.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0904	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	797.88	35.25
			<i>For Installation Above 14', Add</i>	10.57	
			<i>For Work In Restricted Working Space, Add</i>	21.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0905	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	952.64	48.02
			<i>For Installation Above 14', Add</i>	14.41	
			<i>For Work In Restricted Working Space, Add</i>	28.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0906	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	1,266.11	70.49
			<i>For Installation Above 14', Add</i>	21.15	
			<i>For Work In Restricted Working Space, Add</i>	42.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	
26 05 33 13-0907			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fittings <small>(26 05 33 13-0783)</small>		
26 05 33 13-0908	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting	75.57	12.77
			<i>For Installation Above 14', Add</i>	3.83	
			<i>For Work In Restricted Working Space, Add</i>	7.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0909	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting	92.87	16.86
			<i>For Installation Above 14', Add</i>	5.06	
			<i>For Work In Restricted Working Space, Add</i>	10.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-0910	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	128.54	19.41
		<i>For Installation Above 14', Add</i>	5.82	
		<i>For Work In Restricted Working Space, Add</i>	11.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0911	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	208.72	22.48
		<i>For Installation Above 14', Add</i>	6.74	
		<i>For Work In Restricted Working Space, Add</i>	13.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0912	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	224.99	25.54
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0913	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	293.74	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0914	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	765.48	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0915	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	929.00	48.02
		<i>For Installation Above 14', Add</i>	14.41	
		<i>For Work In Restricted Working Space, Add</i>	28.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0916	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting	1,266.06	70.49
		<i>For Installation Above 14', Add</i>	21.15	
		<i>For Work In Restricted Working Space, Add</i>	42.30	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	

26 05 33 13-0917 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings (26 05 33 13-0783)

26 05 33 13-0918	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	68.40	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0919	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	81.99	16.86
		<i>For Installation Above 14', Add</i>	5.06	
		<i>For Work In Restricted Working Space, Add</i>	10.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	
26 05 33 13-0920	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	96.73	19.41
		<i>For Installation Above 14', Add</i>	5.82	
		<i>For Work In Restricted Working Space, Add</i>	11.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0921	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	137.13	22.48
		<i>For Installation Above 14', Add</i>	6.74	
		<i>For Work In Restricted Working Space, Add</i>	13.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0922	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	160.16	25.54
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0923	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	246.89	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0924	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	675.26	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0925	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	760.47	48.02
		<i>For Installation Above 14', Add</i>	14.41	
		<i>For Work In Restricted Working Space, Add</i>	28.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0926	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	971.60	70.49
		<i>For Installation Above 14', Add</i>	21.15	
		<i>For Work In Restricted Working Space, Add</i>	42.30	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	

26 05 33 13-0927 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings (26 05 33 13-0783)

26 05 33 13-0928	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	116.37	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0929	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	175.27	16.86
		<i>For Installation Above 14', Add</i>	5.06	
		<i>For Work In Restricted Working Space, Add</i>	10.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0930 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	220.27	19.41
<i>For Installation Above 14', Add</i>	5.82	
<i>For Work In Restricted Working Space, Add</i>	11.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0931 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	254.25	22.48
<i>For Installation Above 14', Add</i>	6.74	
<i>For Work In Restricted Working Space, Add</i>	13.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0932 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	288.77	25.54
<i>For Installation Above 14', Add</i>	7.66	
<i>For Work In Restricted Working Space, Add</i>	15.33	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0933 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	379.74	28.10
<i>For Installation Above 14', Add</i>	8.43	
<i>For Work In Restricted Working Space, Add</i>	16.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0934 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,192.27	35.25
<i>For Installation Above 14', Add</i>	10.57	
<i>For Work In Restricted Working Space, Add</i>	21.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0935 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,392.48	48.02
<i>For Installation Above 14', Add</i>	14.41	
<i>For Work In Restricted Working Space, Add</i>	28.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0936 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,712.66	70.49
<i>For Installation Above 14', Add</i>	21.15	
<i>For Work In Restricted Working Space, Add</i>	42.30	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	
26 05 33 13-0937 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fittings <small>(26 05 33 13-0783)</small>		
26 05 33 13-0938 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	129.10	12.77
<i>For Installation Above 14', Add</i>	3.83	
<i>For Work In Restricted Working Space, Add</i>	7.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0939 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	187.29	16.86
<i>For Installation Above 14', Add</i>	5.06	
<i>For Work In Restricted Working Space, Add</i>	10.11	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	
26 05 33 13-0940 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	222.56	19.41
<i>For Installation Above 14', Add</i>	5.82	
<i>For Work In Restricted Working Space, Add</i>	11.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0941 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	258.02	22.48
<i>For Installation Above 14', Add</i>	6.74	
<i>For Work In Restricted Working Space, Add</i>	13.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0942 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	299.10	25.54
<i>For Installation Above 14', Add</i>	7.66	
<i>For Work In Restricted Working Space, Add</i>	15.33	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0943 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	470.59	28.10
<i>For Installation Above 14', Add</i>	8.43	
<i>For Work In Restricted Working Space, Add</i>	16.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0944 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,329.34	35.25
<i>For Installation Above 14', Add</i>	10.57	
<i>For Work In Restricted Working Space, Add</i>	21.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0945 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,871.05	48.02
<i>For Installation Above 14', Add</i>	14.41	
<i>For Work In Restricted Working Space, Add</i>	28.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0946 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	1,954.92	70.49
<i>For Installation Above 14', Add</i>	21.15	
<i>For Work In Restricted Working Space, Add</i>	42.30	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	
26 05 33 13-0947 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealight Fittings <small>(26 05 33 13-0783)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0948	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	102.34	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-0949	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	129.17	16.86
		<i>For Installation Above 14', Add</i>	5.06	
		<i>For Work In Restricted Working Space, Add</i>	10.11	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.11	
26 05 33 13-0950	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	154.72	19.41
		<i>For Installation Above 14', Add</i>	5.82	
		<i>For Work In Restricted Working Space, Add</i>	11.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.65	
26 05 33 13-0951	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	171.49	22.48
		<i>For Installation Above 14', Add</i>	6.74	
		<i>For Work In Restricted Working Space, Add</i>	13.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.49	
26 05 33 13-0952	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	230.68	25.54
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.33	
26 05 33 13-0953	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	325.59	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0954	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,078.73	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-0955	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,214.95	48.02
		<i>For Installation Above 14', Add</i>	14.41	
		<i>For Work In Restricted Working Space, Add</i>	28.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.82	
26 05 33 13-0956	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,444.61	70.49
		<i>For Installation Above 14', Add</i>	21.15	
		<i>For Work In Restricted Working Space, Add</i>	42.30	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.30	
26 05 33 13-0957		Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0783)</small>		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0958	EA	1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	93.40	24.52
		<i>For Installation Above 14', Add</i>	7.36	
		<i>For Work In Restricted Working Space, Add</i>	14.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33 13-0959	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	105.38	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-0960	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	130.19	32.18
		<i>For Installation Above 14', Add</i>	9.66	
		<i>For Work In Restricted Working Space, Add</i>	19.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.31	
26 05 33 13-0961	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	170.13	37.29
		<i>For Installation Above 14', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	22.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.37	
26 05 33 13-0962	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	198.42	40.87
		<i>For Installation Above 14', Add</i>	12.26	
		<i>For Work In Restricted Working Space, Add</i>	24.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.52	
26 05 33 13-0963	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	270.11	49.04
		<i>For Installation Above 14', Add</i>	14.71	
		<i>For Work In Restricted Working Space, Add</i>	29.43	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.43	
26 05 33 13-0964	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	453.62	68.97
		<i>For Installation Above 14', Add</i>	20.69	
		<i>For Work In Restricted Working Space, Add</i>	41.38	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.38	
26 05 33 13-0965	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	581.03	91.96
		<i>For Installation Above 14', Add</i>	27.59	
		<i>For Work In Restricted Working Space, Add</i>	55.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0966 EA 3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	806.85	114.94
For Installation Above 14', Add	34.48	
For Work In Restricted Working Space, Add	68.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	68.97	
26 05 33 13-0967 EA 4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	926.69	139.98
For Installation Above 14', Add	41.99	
For Work In Restricted Working Space, Add	83.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	83.99	
26 05 33 13-0968 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0783)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0969 EA 1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	122.05	32.18
For Installation Above 14', Add	9.66	
For Work In Restricted Working Space, Add	19.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.31	
26 05 33 13-0970 EA 3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	139.06	35.76
For Installation Above 14', Add	10.73	
For Work In Restricted Working Space, Add	21.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.46	
26 05 33 13-0971 EA 1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	169.65	39.34
For Installation Above 14', Add	11.80	
For Work In Restricted Working Space, Add	23.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.60	
26 05 33 13-0972 EA 1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	227.76	44.95
For Installation Above 14', Add	13.49	
For Work In Restricted Working Space, Add	26.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.97	
26 05 33 13-0973 EA 1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	268.95	49.04
For Installation Above 14', Add	14.71	
For Work In Restricted Working Space, Add	29.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.42	
26 05 33 13-0974 EA 2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	366.00	60.28
For Installation Above 14', Add	18.09	
For Work In Restricted Working Space, Add	36.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.17	
26 05 33 13-0975 Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0783)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-0976 EA 1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	107.41	28.10
For Installation Above 14', Add	8.43	
For Work In Restricted Working Space, Add	16.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.86	
26 05 33 13-0977 EA 3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	122.58	32.69
For Installation Above 14', Add	9.81	
For Work In Restricted Working Space, Add	19.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.62	
26 05 33 13-0978 EA 1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	148.14	35.76
For Installation Above 14', Add	10.73	
For Work In Restricted Working Space, Add	21.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.46	
26 05 33 13-0979 EA 1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	189.60	40.87
For Installation Above 14', Add	12.26	
For Work In Restricted Working Space, Add	24.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.52	
26 05 33 13-0980 EA 1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	224.61	44.95
For Installation Above 14', Add	13.49	
For Work In Restricted Working Space, Add	26.97	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.97	
26 05 33 13-0981 EA 2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	300.84	52.62
For Installation Above 14', Add	15.79	
For Work In Restricted Working Space, Add	31.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.57	
26 05 33 13-0982 EA 2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	483.67	76.63
For Installation Above 14', Add	22.99	
For Work In Restricted Working Space, Add	45.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.98	
26 05 33 13-0983 EA 3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	640.14	99.62
For Installation Above 14', Add	29.88	
For Work In Restricted Working Space, Add	59.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.77	
26 05 33 13-0984 EA 3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	878.94	122.60
For Installation Above 14', Add	36.78	
For Work In Restricted Working Space, Add	73.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.56	
26 05 33 13-0985 EA 4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	982.80	147.64
For Installation Above 14', Add	44.29	
For Work In Restricted Working Space, Add	88.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	88.59	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0986			Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined <small>(26 05 33 13-0783)</small>		
26 05 33 13-0987	EA		1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	15.37	3.07
			<i>For Installation Above 14', Add</i>	0.92	
			<i>For Work In Restricted Working Space, Add</i>	1.84	
26 05 33 13-0988	EA		3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	17.34	3.58
			<i>For Installation Above 14', Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	2.15	
26 05 33 13-0989	EA		1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	22.56	4.60
			<i>For Installation Above 14', Add</i>	1.38	
			<i>For Work In Restricted Working Space, Add</i>	2.76	
26 05 33 13-0990	EA		1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	28.77	5.62
			<i>For Installation Above 14', Add</i>	1.69	
			<i>For Work In Restricted Working Space, Add</i>	3.37	
26 05 33 13-0991	EA		1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	32.51	6.64
			<i>For Installation Above 14', Add</i>	1.99	
			<i>For Work In Restricted Working Space, Add</i>	3.98	
26 05 33 13-0992	EA		2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	39.77	7.66
			<i>For Installation Above 14', Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	4.60	
26 05 33 13-0993	EA		2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	50.42	8.68
			<i>For Installation Above 14', Add</i>	2.61	
			<i>For Work In Restricted Working Space, Add</i>	5.21	
26 05 33 13-0994	EA		3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	57.57	12.26
			<i>For Installation Above 14', Add</i>	3.68	
			<i>For Work In Restricted Working Space, Add</i>	7.36	
26 05 33 13-0995	EA		3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	69.03	13.79
			<i>For Installation Above 14', Add</i>	4.14	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
26 05 33 13-0996	EA		4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	76.18	17.37
			<i>For Installation Above 14', Add</i>	5.21	
			<i>For Work In Restricted Working Space, Add</i>	10.42	
26 05 33 13-0997			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies <small>(26 05 33 13-0783)</small>		
26 05 33 13-0998	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	105.33	24.52
			<i>For Installation Above 14', Add</i>	7.36	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33 13-0999	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	116.74	28.10
			<i>For Installation Above 14', Add</i>	8.43	
			<i>For Work In Restricted Working Space, Add</i>	16.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-1000	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	136.28	32.18
			<i>For Installation Above 14', Add</i>	9.66	
			<i>For Work In Restricted Working Space, Add</i>	19.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.31	
26 05 33 13-1001	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	161.68	37.29
			<i>For Installation Above 14', Add</i>	11.19	
			<i>For Work In Restricted Working Space, Add</i>	22.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.37	
26 05 33 13-1002	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	200.80	40.87
			<i>For Installation Above 14', Add</i>	12.26	
			<i>For Work In Restricted Working Space, Add</i>	24.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.52	
26 05 33 13-1003	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	243.30	49.04
			<i>For Installation Above 14', Add</i>	14.71	
			<i>For Work In Restricted Working Space, Add</i>	29.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.42	
26 05 33 13-1004	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	352.17	68.97
			<i>For Installation Above 14', Add</i>	20.69	
			<i>For Work In Restricted Working Space, Add</i>	41.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.38	
26 05 33 13-1005	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	451.86	91.96
			<i>For Installation Above 14', Add</i>	27.59	
			<i>For Work In Restricted Working Space, Add</i>	55.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.17	
26 05 33 13-1006	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	898.32	114.94
			<i>For Installation Above 14', Add</i>	34.48	
			<i>For Work In Restricted Working Space, Add</i>	68.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.97	
26 05 33 13-1007	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,313.21	139.98
			<i>For Installation Above 14', Add</i>	41.99	
			<i>For Work In Restricted Working Space, Add</i>	83.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.99	
26 05 33 13-1008			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies <small>(26 05 33 13-0783)</small>		
26 05 33 13-1009	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	178.60	24.52
			<i>For Installation Above 14', Add</i>	7.36	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	

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

26 05 33 13-1010	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	192.49 8.43 16.86 16.86	28.10
26 05 33 13-1011	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.81 9.66 19.31 19.31	32.18
26 05 33 13-1012	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	246.16 11.19 22.37 22.37	37.29
26 05 33 13-1013	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	298.05 12.26 24.52 24.52	40.87
26 05 33 13-1014	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	335.81 14.71 29.42 29.42	49.04
26 05 33 13-1015	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	472.46 20.69 41.38 41.38	68.97
26 05 33 13-1016	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	657.86 27.59 55.17 55.17	91.96
26 05 33 13-1017	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	958.14 34.48 68.97 68.97	114.94
26 05 33 13-1018	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,391.49 41.99 83.99 83.99	139.98
26 05 33 13-1019 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies <small>(26 05 33 13-0783)</small>			
26 05 33 13-1020	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.33 7.36 14.71 14.71	24.52
26 05 33 13-1021	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152.99 8.43 16.86 16.86	28.10
26 05 33 13-1022	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	175.76 9.66 19.31 19.31	32.18
26 05 33 13-1023	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	196.20 11.19 22.37 22.37	37.29
26 05 33 13-1024	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	268.96 12.26 24.52 24.52	40.87
26 05 33 13-1025	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	337.57 14.71 29.42 29.42	49.04
26 05 33 13-1026	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	523.61 20.69 41.38 41.38	68.97
26 05 33 13-1027	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	761.93 27.59 55.17 55.17	91.96
26 05 33 13-1028	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	958.14 34.48 68.97 68.97	114.94
26 05 33 13-1029 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies <small>(26 05 33 13-0783)</small>			

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1030	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	188.95	24.52
		<i>For Installation Above 14', Add</i>	7.36	
		<i>For Work In Restricted Working Space, Add</i>	14.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33 13-1031	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	209.76	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.86	
26 05 33 13-1032	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	259.77	32.18
		<i>For Installation Above 14', Add</i>	9.66	
		<i>For Work In Restricted Working Space, Add</i>	19.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.31	
26 05 33 13-1033	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	320.05	37.29
		<i>For Installation Above 14', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	22.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.37	
26 05 33 13-1034	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	443.94	40.87
		<i>For Installation Above 14', Add</i>	12.26	
		<i>For Work In Restricted Working Space, Add</i>	24.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.52	
26 05 33 13-1035	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	532.05	49.04
		<i>For Installation Above 14', Add</i>	14.71	
		<i>For Work In Restricted Working Space, Add</i>	29.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.42	

26 05 33 13-1036 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings
(26 05 33 13-0783)

26 05 33 13-1037	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	36.79	9.82
		<i>For Installation Above 14', Add</i>	2.95	
		<i>For Work In Restricted Working Space, Add</i>	5.90	
26 05 33 13-1038	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	48.70	11.79
		<i>For Installation Above 14', Add</i>	3.54	
		<i>For Work In Restricted Working Space, Add</i>	7.07	
26 05 33 13-1039	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	61.94	15.72
		<i>For Installation Above 14', Add</i>	4.72	
		<i>For Work In Restricted Working Space, Add</i>	9.43	
26 05 33 13-1040	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	85.07	19.65
		<i>For Installation Above 14', Add</i>	5.90	
		<i>For Work In Restricted Working Space, Add</i>	11.79	
26 05 33 13-1041	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	111.46	23.58
		<i>For Installation Above 14', Add</i>	7.07	
		<i>For Work In Restricted Working Space, Add</i>	14.15	
26 05 33 13-1042	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	190.98	27.51
		<i>For Installation Above 14', Add</i>	8.25	
		<i>For Work In Restricted Working Space, Add</i>	16.51	
26 05 33 13-1043	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	276.94	31.44
		<i>For Installation Above 14', Add</i>	9.43	
		<i>For Work In Restricted Working Space, Add</i>	18.86	
26 05 33 13-1044	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	345.24	35.37
		<i>For Installation Above 14', Add</i>	10.61	
		<i>For Work In Restricted Working Space, Add</i>	21.22	
26 05 33 13-1045	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	480.00	41.26
		<i>For Installation Above 14', Add</i>	12.38	
		<i>For Work In Restricted Working Space, Add</i>	24.76	
26 05 33 13-1046	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	582.60	47.16
		<i>For Installation Above 14', Add</i>	14.15	
		<i>For Work In Restricted Working Space, Add</i>	28.29	
26 05 33 13-1047	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	932.41	74.66
		<i>For Installation Above 14', Add</i>	22.40	
		<i>For Work In Restricted Working Space, Add</i>	44.80	
26 05 33 13-1048	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	1,275.40	113.96
		<i>For Installation Above 14', Add</i>	34.19	
		<i>For Work In Restricted Working Space, Add</i>	68.38	

26 05 33 13-1049 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows
(26 05 33 13-0783)

26 05 33 13-1050	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	135.28	24.52
		<i>For Installation Above 14', Add</i>	7.36	
		<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-1051	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	159.80	27.08
		<i>For Installation Above 14', Add</i>	8.12	
		<i>For Work In Restricted Working Space, Add</i>	16.25	
26 05 33 13-1052	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	176.49	32.18
		<i>For Installation Above 14', Add</i>	9.66	
		<i>For Work In Restricted Working Space, Add</i>	19.31	
26 05 33 13-1053	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	253.00	37.29
		<i>For Installation Above 14', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	22.37	
26 05 33 13-1054	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	333.16	40.87
		<i>For Installation Above 14', Add</i>	12.26	
		<i>For Work In Restricted Working Space, Add</i>	24.52	
26 05 33 13-1055	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	359.94	49.04
		<i>For Installation Above 14', Add</i>	14.71	
		<i>For Work In Restricted Working Space, Add</i>	29.42	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
	26 05 33	13-1056	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	846.85 20.39 40.77	67.95	
	26 05 33	13-1057	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	895.03 27.59 55.18	91.96	
	26 05 33	13-1058	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,461.66 34.49 68.97	114.94	
	26 05 33	13-1059	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,523.68 42.00 83.99	139.98	
26 05 33	13-1060	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows <small>(26 05 33 13-0783)</small>					
	26 05 33	13-1061	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	196.66 7.36 14.71	24.52	
	26 05 33	13-1062	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	224.05 8.43 16.86	28.10	
	26 05 33	13-1063	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	440.53 9.66 19.31	32.18	
	26 05 33	13-1064	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	462.36 11.19 22.37	37.29	
	26 05 33	13-1065	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	631.39 12.26 24.52	40.87	
	26 05 33	13-1066	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	673.80 14.71 29.42	49.04	
	26 05 33	13-1067	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,293.95 20.69 41.38	68.97	
	26 05 33	13-1068	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,362.78 27.59 55.17	91.96	
	26 05 33	13-1069	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,995.22 34.48 68.97	114.94	
	26 05 33	13-1070	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	2,259.88 41.99 83.99	139.98	
26 05 33	13-1071	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows <small>(26 05 33 13-0783)</small>					
	26 05 33	13-1072	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	75.65 3.83 7.66	12.77	
	26 05 33	13-1073	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	88.10 4.75 9.50	15.84	
	26 05 33	13-1074	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	104.98 5.82 11.65	19.41	
	26 05 33	13-1075	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	123.89 6.74 13.49	22.48	
26 05 33	13-1076	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0783)</small>					
	26 05 33	13-1077	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	59.66 3.83 7.66	12.77	
	26 05 33	13-1078	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	68.91 4.75 9.50	15.84	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1079	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	95.63	19.41
	<i>For Installation Above 14', Add</i>	5.82	
	<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-1080	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	123.96	22.48
	<i>For Installation Above 14', Add</i>	6.74	
	<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-1081	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	151.01	25.54
	<i>For Installation Above 14', Add</i>	7.66	
	<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-1082	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	216.86	28.10
	<i>For Installation Above 14', Add</i>	8.43	
	<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-1083	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	296.24	35.25
	<i>For Installation Above 14', Add</i>	10.57	
	<i>For Work In Restricted Working Space, Add</i>	21.15	
26 05 33 13-1084	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0783)</small>		
26 05 33 13-1085	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	75.68	12.77
	<i>For Installation Above 14', Add</i>	3.83	
	<i>For Work In Restricted Working Space, Add</i>	7.66	
26 05 33 13-1086	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	90.31	15.84
	<i>For Installation Above 14', Add</i>	4.75	
	<i>For Work In Restricted Working Space, Add</i>	9.50	
26 05 33 13-1087	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	105.00	19.41
	<i>For Installation Above 14', Add</i>	5.82	
	<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-1088	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	123.93	22.48
	<i>For Installation Above 14', Add</i>	6.74	
	<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-1089	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows <small>(26 05 33 13-0783)</small>		
26 05 33 13-1090	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	59.71	12.77
	<i>For Installation Above 14', Add</i>	3.83	
	<i>For Work In Restricted Working Space, Add</i>	7.66	
26 05 33 13-1091	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	68.91	15.84
	<i>For Installation Above 14', Add</i>	4.75	
	<i>For Work In Restricted Working Space, Add</i>	9.50	
26 05 33 13-1092	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	89.01	19.41
	<i>For Installation Above 14', Add</i>	5.82	
	<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-1093	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	111.10	22.48
	<i>For Installation Above 14', Add</i>	6.74	
	<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-1094	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	130.07	25.54
	<i>For Installation Above 14', Add</i>	7.66	
	<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-1095	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	149.77	28.10
	<i>For Installation Above 14', Add</i>	8.43	
	<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-1096	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	279.13	35.25
	<i>For Installation Above 14', Add</i>	10.57	
	<i>For Work In Restricted Working Space, Add</i>	21.15	
26 05 33 13-1097	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	320.19	48.02
	<i>For Installation Above 14', Add</i>	14.41	
	<i>For Work In Restricted Working Space, Add</i>	28.82	
26 05 33 13-1098	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	345.53	54.15
	<i>For Installation Above 14', Add</i>	16.25	
	<i>For Work In Restricted Working Space, Add</i>	32.49	
26 05 33 13-1099	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	426.41	70.49
	<i>For Installation Above 14', Add</i>	21.15	
	<i>For Work In Restricted Working Space, Add</i>	42.30	
26 05 33 13-1100	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows <small>(26 05 33 13-0783)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1101 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	124.92 7.36 14.71 14.71	24.52
26 05 33 13-1102 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.07 8.43 16.86 16.86	28.10
26 05 33 13-1103 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.90 9.66 19.31 19.31	32.18
26 05 33 13-1104 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	198.43 11.19 22.37 22.37	37.29
26 05 33 13-1105 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.26 12.26 24.52 24.52	40.87
26 05 33 13-1106 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0783)</small>		
26 05 33 13-1107 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	150.26 7.36 14.71	24.52
26 05 33 13-1108 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	161.96 8.43 16.86	28.10
26 05 33 13-1109 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	189.28 9.66 19.31	32.18
26 05 33 13-1110 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	270.25 11.19 22.37	37.29
26 05 33 13-1111 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	438.37 12.26 24.52	40.87
26 05 33 13-1112 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	473.82 14.71 29.42	49.04
26 05 33 13-1113 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0783)</small>		
26 05 33 13-1114 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	164.64 7.36 14.71	24.52
26 05 33 13-1115 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	185.94 8.43 16.86	28.10
26 05 33 13-1116 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	202.97 9.66 19.31	32.18
26 05 33 13-1117 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	284.16 11.19 22.37	37.29
26 05 33 13-1118 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	471.53 12.26 24.52	40.87
26 05 33 13-1119 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	504.26 14.71 29.42	49.04
26 05 33 13-1120 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0783)</small>		
26 05 33 13-1121 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	164.75 7.36 14.71	24.52
26 05 33 13-1122 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	181.70 8.43 16.86	28.10

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
26 05 33 13-1123	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	216.17 9.66 19.31			32.18
26 05 33 13-1124	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	294.75 11.19 22.37			37.29
26 05 33 13-1125	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	487.34 12.26 24.52			40.87
26 05 33 13-1126	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	523.75 14.71 29.42			49.04
26 05 33 13-1127 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover (26 05 33 13-0783)					
26 05 33 13-1128	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	204.56 7.36 14.71			24.52
26 05 33 13-1129	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	225.95 8.43 16.86			28.10
26 05 33 13-1130	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	244.95 9.66 19.31			32.18
26 05 33 13-1131	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	616.47 11.19 22.37			37.29
26 05 33 13-1132 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes (26 05 33 13-0783)					
Note: Excludes cover.					
26 05 33 13-1133	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	98.42 7.36 14.71			24.52
26 05 33 13-1134	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	108.25 8.43 16.86			28.10
26 05 33 13-1135	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	120.88 9.66 19.31			32.18
26 05 33 13-1136	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	109.21 7.36 14.71			24.52
26 05 33 13-1137	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	117.69 8.43 16.86			28.10
26 05 33 13-1138	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	134.00 9.66 19.31			32.18
26 05 33 13-1139 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes (26 05 33 13-0783)					
Note: Excludes cover.					
26 05 33 13-1140	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	103.52 7.36 14.71			24.52
26 05 33 13-1141	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	113.99 8.43 16.86			28.10
26 05 33 13-1142	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	124.85 9.66 19.31			32.18
26 05 33 13-1143	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	116.51 7.36 14.71			24.52
26 05 33 13-1144	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	127.11 8.43 16.86			28.10
26 05 33 13-1145	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	143.69 9.66 19.31			32.18
26 05 33 13-1146 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers (26 05 33 13-0783)					

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1147	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	36.69 0.92 1.84	3.07
26 05 33 13-1148	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	49.89 1.07 2.15	3.58
26 05 33 13-1149	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	47.09 1.07 2.15	3.58
26 05 33 13-1150	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	41.85 1.07 2.15	3.58
26 05 33 13-1151	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	204.14 1.53 3.07	5.11
26 05 33 13-1152	EA			Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	181.45 1.53 3.07	5.11
26 05 33 13-1153				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies <small>(26 05 33 13-0783)</small> Note: Includes covers.		
26 05 33 13-1154	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	213.25 9.66 19.31	32.18
26 05 33 13-1155	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	239.52 11.19 22.37	37.29
26 05 33 13-1156	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	330.74 12.26 24.52	40.87
26 05 33 13-1157	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	394.10 14.71 29.42	49.04
26 05 33 13-1158	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	569.34 20.69 41.38	68.97
26 05 33 13-1159	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	718.39 27.59 55.17	91.96
26 05 33 13-1160	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,053.05 34.48 68.97	114.94
26 05 33 13-1161	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,306.64 41.99 83.99	139.98
26 05 33 13-1162	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	213.25 9.66 19.31	32.18
26 05 33 13-1163	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	239.52 11.19 22.37	37.29
26 05 33 13-1164	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	329.83 12.26 24.52	40.87
26 05 33 13-1165	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	384.86 14.71 29.42	49.04
26 05 33 13-1166	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	577.85 20.69 41.38	68.97
26 05 33 13-1167	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	756.55 27.59 55.17	91.96
26 05 33 13-1168	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,099.12 34.48 68.97	114.94
26 05 33 13-1169	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,335.33 41.99 83.99	139.98
26 05 33 13-1170	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	213.25 9.66 19.31	32.18
26 05 33 13-1171	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	239.52 11.19 22.37	37.29
26 05 33 13-1172	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	329.83 12.26 24.52	40.87
26 05 33 13-1173	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	384.86 14.71 29.42	49.04
26 05 33 13-1174	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	577.85 20.69 41.38	68.97
26 05 33 13-1175	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	756.55 27.59 55.17	91.96

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1176	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,099.12	114.94
		<i>For Installation Above 14', Add</i>	34.48	
		<i>For Work In Restricted Working Space, Add</i>	68.97	
26 05 33 13-1177	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,335.33	139.98
		<i>For Installation Above 14', Add</i>	41.99	
		<i>For Work In Restricted Working Space, Add</i>	83.99	
26 05 33 13-1178	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	213.25	32.18
		<i>For Installation Above 14', Add</i>	9.66	
		<i>For Work In Restricted Working Space, Add</i>	19.31	
26 05 33 13-1179	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	239.52	37.29
		<i>For Installation Above 14', Add</i>	11.19	
		<i>For Work In Restricted Working Space, Add</i>	22.37	
26 05 33 13-1180	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	330.74	40.87
		<i>For Installation Above 14', Add</i>	12.26	
		<i>For Work In Restricted Working Space, Add</i>	24.52	
26 05 33 13-1181	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	389.83	49.04
		<i>For Installation Above 14', Add</i>	14.71	
		<i>For Work In Restricted Working Space, Add</i>	29.42	
26 05 33 13-1182	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	569.34	68.97
		<i>For Installation Above 14', Add</i>	20.69	
		<i>For Work In Restricted Working Space, Add</i>	41.38	
26 05 33 13-1183	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	718.39	91.96
		<i>For Installation Above 14', Add</i>	27.59	
		<i>For Work In Restricted Working Space, Add</i>	55.17	
26 05 33 13-1184	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,053.05	114.94
		<i>For Installation Above 14', Add</i>	34.48	
		<i>For Work In Restricted Working Space, Add</i>	68.97	
26 05 33 13-1185	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	1,318.59	139.98
		<i>For Installation Above 14', Add</i>	41.99	
		<i>For Work In Restricted Working Space, Add</i>	83.99	
26 05 33 13-1186		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers <small>(26 05 33 13-0783)</small>		
26 05 33 13-1187	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	106.19	4.60
		<i>For Installation Above 14', Add</i>	1.38	
		<i>For Work In Restricted Working Space, Add</i>	2.76	
26 05 33 13-1188	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	107.22	5.11
		<i>For Installation Above 14', Add</i>	1.53	
		<i>For Work In Restricted Working Space, Add</i>	3.07	
26 05 33 13-1189	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	151.57	7.15
		<i>For Installation Above 14', Add</i>	2.15	
		<i>For Work In Restricted Working Space, Add</i>	4.29	
26 05 33 13-1190	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	153.61	8.17
		<i>For Installation Above 14', Add</i>	2.45	
		<i>For Work In Restricted Working Space, Add</i>	4.91	
26 05 33 13-1191	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	268.48	9.70
		<i>For Installation Above 14', Add</i>	2.91	
		<i>For Work In Restricted Working Space, Add</i>	5.82	
26 05 33 13-1192	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	273.59	12.26
		<i>For Installation Above 14', Add</i>	3.68	
		<i>For Work In Restricted Working Space, Add</i>	7.36	
26 05 33 13-1193	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	412.15	13.79
		<i>For Installation Above 14', Add</i>	4.14	
		<i>For Work In Restricted Working Space, Add</i>	8.28	
26 05 33 13-1194	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover	420.32	17.88
		<i>For Installation Above 14', Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	10.73	
26 05 33 13-1195		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings <small>(26 05 33 13-0783)</small>		
26 05 33 13-1196	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	182.80	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
26 05 33 13-1197	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	215.97	15.84
		<i>For Installation Above 14', Add</i>	4.75	
		<i>For Work In Restricted Working Space, Add</i>	9.50	
26 05 33 13-1198	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	255.63	19.41
		<i>For Installation Above 14', Add</i>	5.82	
		<i>For Work In Restricted Working Space, Add</i>	11.65	
26 05 33 13-1199	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	314.93	22.48
		<i>For Installation Above 14', Add</i>	6.74	
		<i>For Work In Restricted Working Space, Add</i>	13.49	
26 05 33 13-1200	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	421.09	25.54
		<i>For Installation Above 14', Add</i>	7.66	
		<i>For Work In Restricted Working Space, Add</i>	15.33	
26 05 33 13-1201	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	583.13	28.10
		<i>For Installation Above 14', Add</i>	8.43	
		<i>For Work In Restricted Working Space, Add</i>	16.86	
26 05 33 13-1202	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting	832.86	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33 13-1203	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,035.56 14.41 28.82	48.02
	26 05 33 13-1204	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,453.15 16.25 32.49	54.15
	26 05 33 13-1205	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,674.67 21.15 42.30	70.49
26 05 33 13-1206				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper <small>(26 05 33 13-0783)</small>		
	26 05 33 13-1207	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	290.53 3.83 7.66	12.77
	26 05 33 13-1208	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	301.66 4.75 9.50	15.84
	26 05 33 13-1209	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	338.78 5.82 11.65	19.41
	26 05 33 13-1210	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	409.95 6.74 13.49	22.48
	26 05 33 13-1211	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	496.95 7.66 15.33	25.54
	26 05 33 13-1212	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	635.35 8.43 16.86	28.10
	26 05 33 13-1213	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	938.07 10.57 21.15	35.25
	26 05 33 13-1214	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,176.15 14.41 28.82	48.02
	26 05 33 13-1215	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,498.53 16.25 32.49	54.15
	26 05 33 13-1216	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,875.68 21.15 42.30	70.49
26 05 33 13-1217				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs <small>(26 05 33 13-0783)</small>		
	26 05 33 13-1218	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.37 1.84 3.68 3.68	6.14
	26 05 33 13-1219	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.47 2.30 4.60 4.60	7.66
	26 05 33 13-1220	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.04 2.76 5.52 5.52	9.19
	26 05 33 13-1221	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.50 3.37 6.74 6.74	11.24
	26 05 33 13-1222	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	109.60 3.83 7.66 7.66	12.77
	26 05 33 13-1223	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.93 4.29 8.58 8.58	14.31
	26 05 33 13-1224	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.70 5.36 10.73 10.73	17.88
	26 05 33 13-1225	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	250.26 7.20 14.41 14.41	24.01

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1226	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	319.52	27.08
		<i>For Installation Above 14', Add</i>	8.12	
		<i>For Work In Restricted Working Space, Add</i>	16.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.25	
26 05 33 13-1227	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	401.87	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1228	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	499.81	57.22
		<i>For Installation Above 14', Add</i>	17.16	
		<i>For Work In Restricted Working Space, Add</i>	34.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.33	
26 05 33 13-1229	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	753.80	86.33
		<i>For Installation Above 14', Add</i>	25.90	
		<i>For Work In Restricted Working Space, Add</i>	51.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.80	
26 05 33 13-1230 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs <small>(26 05 33 13-0783)</small>				
26 05 33 13-1231	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	90.98	6.14
		<i>For Installation Above 14', Add</i>	1.84	
		<i>For Work In Restricted Working Space, Add</i>	3.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68	
26 05 33 13-1232	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	96.30	7.66
		<i>For Installation Above 14', Add</i>	2.30	
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-1233	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	103.54	9.19
		<i>For Installation Above 14', Add</i>	2.76	
		<i>For Work In Restricted Working Space, Add</i>	5.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.52	
26 05 33 13-1234	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	118.23	11.24
		<i>For Installation Above 14', Add</i>	3.37	
		<i>For Work In Restricted Working Space, Add</i>	6.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74	
26 05 33 13-1235	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	126.94	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-1236	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	143.59	14.31
		<i>For Installation Above 14', Add</i>	4.29	
		<i>For Work In Restricted Working Space, Add</i>	8.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58	
26 05 33 13-1237	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	218.81	17.88
		<i>For Installation Above 14', Add</i>	5.36	
		<i>For Work In Restricted Working Space, Add</i>	10.73	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.73	
26 05 33 13-1238	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	261.95	24.01
		<i>For Installation Above 14', Add</i>	7.20	
		<i>For Work In Restricted Working Space, Add</i>	14.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-1239	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	322.05	27.08
		<i>For Installation Above 14', Add</i>	8.12	
		<i>For Work In Restricted Working Space, Add</i>	16.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.25	
26 05 33 13-1240	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	418.17	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1241	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	650.56	57.22
		<i>For Installation Above 14', Add</i>	17.16	
		<i>For Work In Restricted Working Space, Add</i>	34.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.33	
26 05 33 13-1242	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	1,064.45	86.33
		<i>For Installation Above 14', Add</i>	25.90	
		<i>For Work In Restricted Working Space, Add</i>	51.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.80	
26 05 33 13-1243 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs <small>(26 05 33 13-0783)</small>				
26 05 33 13-1244	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	97.78	6.14
		<i>For Installation Above 14', Add</i>	1.84	
		<i>For Work In Restricted Working Space, Add</i>	3.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.68	
26 05 33 13-1245	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	102.76	7.66
		<i>For Installation Above 14', Add</i>	2.30	
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-1246	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	110.29	9.19
		<i>For Installation Above 14', Add</i>	2.76	
		<i>For Work In Restricted Working Space, Add</i>	5.52	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.52	
26 05 33 13-1247	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	138.72	11.24
		<i>For Installation Above 14', Add</i>	3.37	
		<i>For Work In Restricted Working Space, Add</i>	6.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1248	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.68 3.83 7.66 7.66	12.77
26 05 33 13-1249	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.66 4.29 8.58 8.58	14.31
26 05 33 13-1250			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions <small>(26 05 33 13-0783)</small>		
26 05 33 13-1251	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	72.76 3.83 7.66	12.77
26 05 33 13-1252	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	79.76 4.75 9.50	15.84
26 05 33 13-1253	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	103.28 5.82 11.65	19.41
26 05 33 13-1254	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	148.68 6.74 13.49	22.48
26 05 33 13-1255	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	176.20 7.66 15.33	25.54
26 05 33 13-1256	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	222.93 8.43 16.86	28.10
26 05 33 13-1257	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	296.22 10.57 21.15	35.25
26 05 33 13-1258	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	381.69 10.57 21.15	35.25
26 05 33 13-1259	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	494.33 16.25 32.49	54.15
26 05 33 13-1260	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	636.66 21.15 42.30	70.49
26 05 33 13-1261	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,156.34 34.48 68.97	114.94
26 05 33 13-1262	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,448.74 51.80 103.61	172.67
26 05 33 13-1263			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions <small>(26 05 33 13-0783)</small>		
26 05 33 13-1264	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	74.35 3.83 7.66	12.77
26 05 33 13-1265	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	85.83 4.75 9.50	15.84
26 05 33 13-1266	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	106.52 5.82 11.65	19.41
26 05 33 13-1267	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	154.62 6.74 13.49	22.48
26 05 33 13-1268	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	184.45 7.66 15.33	25.54
26 05 33 13-1269	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	240.75 8.43 16.86	28.10
26 05 33 13-1270	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	334.35 10.57 21.15	35.25
26 05 33 13-1271	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	420.46 10.57 21.15	35.25
26 05 33 13-1272	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	564.42 16.25 32.49	54.15
26 05 33 13-1273	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	706.49 21.15 42.30	70.49
26 05 33 13-1274	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,284.34 34.48 68.97	114.94
26 05 33 13-1275	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i>	1,655.43 51.80 103.61	172.67

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1276		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings <small>(26 05 33 13-0783)</small>		
	26 05 33 13-1277	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....40.11 <i>For Installation Above 14', Add</i> 1.23 <i>For Work In Restricted Working Space, Add</i> 2.45	4.09	
	26 05 33 13-1278	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....44.08 <i>For Installation Above 14', Add</i> 1.53 <i>For Work In Restricted Working Space, Add</i> 3.07	5.11	
	26 05 33 13-1279	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....50.05 <i>For Installation Above 14', Add</i> 1.53 <i>For Work In Restricted Working Space, Add</i> 3.07	5.11	
	26 05 33 13-1280	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....61.77 <i>For Installation Above 14', Add</i> 1.69 <i>For Work In Restricted Working Space, Add</i> 3.37	5.62	
	26 05 33 13-1281	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....65.21 <i>For Installation Above 14', Add</i> 1.69 <i>For Work In Restricted Working Space, Add</i> 3.37	5.62	
	26 05 33 13-1282	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....56.22 <i>For Installation Above 14', Add</i> 1.99 <i>For Work In Restricted Working Space, Add</i> 3.98	6.64	
	26 05 33 13-1283	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....63.90 <i>For Installation Above 14', Add</i> 1.99 <i>For Work In Restricted Working Space, Add</i> 3.98	6.64	
	26 05 33 13-1284	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....98.46 <i>For Installation Above 14', Add</i> 1.99 <i>For Work In Restricted Working Space, Add</i> 3.98	6.64	
	26 05 33 13-1285	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....109.49 <i>For Installation Above 14', Add</i> 2.30 <i>For Work In Restricted Working Space, Add</i> 4.60	7.66	
	26 05 33 13-1286	EA	2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....106.51 <i>For Installation Above 14', Add</i> 2.30 <i>For Work In Restricted Working Space, Add</i> 4.60	7.66	
	26 05 33 13-1287	EA	2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....112.05 <i>For Installation Above 14', Add</i> 2.30 <i>For Work In Restricted Working Space, Add</i> 4.60	7.66	
	26 05 33 13-1288	EA	2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....125.99 <i>For Installation Above 14', Add</i> 2.30 <i>For Work In Restricted Working Space, Add</i> 4.60	7.66	
	26 05 33 13-1289	EA	2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....125.30 <i>For Installation Above 14', Add</i> 2.76 <i>For Work In Restricted Working Space, Add</i> 5.52	9.19	
	26 05 33 13-1290	EA	3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....159.89 <i>For Installation Above 14', Add</i> 3.83 <i>For Work In Restricted Working Space, Add</i> 7.66	12.77	
	26 05 33 13-1291	EA	3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....234.98 <i>For Installation Above 14', Add</i> 4.44 <i>For Work In Restricted Working Space, Add</i> 8.89	14.82	
	26 05 33 13-1292	EA	4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....314.46 <i>For Installation Above 14', Add</i> 6.13 <i>For Work In Restricted Working Space, Add</i> 12.26	20.43	
	26 05 33 13-1293	EA	5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....393.52 <i>For Installation Above 14', Add</i> 8.43 <i>For Work In Restricted Working Space, Add</i> 16.86	28.10	
26 05 33	13-1294		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples <small>(26 05 33 13-0783)</small>		
	26 05 33 13-1295	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....25.65 <i>For Installation Above 14', Add</i> 1.84 <i>For Work In Restricted Working Space, Add</i> 3.68 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 3.68	6.14	
	26 05 33 13-1296	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....28.98 <i>For Installation Above 14', Add</i> 2.30 <i>For Work In Restricted Working Space, Add</i> 4.60 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 4.60	7.66	
	26 05 33 13-1297	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....33.81 <i>For Installation Above 14', Add</i> 2.91 <i>For Work In Restricted Working Space, Add</i> 5.82 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 5.82	9.70	
	26 05 33 13-1298	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....40.19 <i>For Installation Above 14', Add</i> 3.37 <i>For Work In Restricted Working Space, Add</i> 6.74 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.74	11.24	
	26 05 33 13-1299	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....43.83 <i>For Installation Above 14', Add</i> 3.83 <i>For Work In Restricted Working Space, Add</i> 7.66 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 7.66	12.77	
	26 05 33 13-1300	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....28.39 <i>For Installation Above 14', Add</i> 1.99 <i>For Work In Restricted Working Space, Add</i> 3.98 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 3.98	6.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1301 EA 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.81	7.66
For Installation Above 14', Add	2.30	
For Work In Restricted Working Space, Add	4.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-1302 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	35.66	9.70
For Installation Above 14', Add	2.91	
For Work In Restricted Working Space, Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.82	
26 05 33 13-1303 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.15	11.24
For Installation Above 14', Add	3.37	
For Work In Restricted Working Space, Add	6.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.74	
26 05 33 13-1304 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	45.94	12.77
For Installation Above 14', Add	3.83	
For Work In Restricted Working Space, Add	7.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.66	
26 05 33 13-1305 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	49.92	14.31
For Installation Above 14', Add	4.29	
For Work In Restricted Working Space, Add	8.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.58	
26 05 33 13-1306 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	28.52	6.64
For Installation Above 14', Add	1.99	
For Work In Restricted Working Space, Add	3.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.98	
26 05 33 13-1307 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.93	7.66
For Installation Above 14', Add	2.30	
For Work In Restricted Working Space, Add	4.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-1308 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	35.89	9.70
For Installation Above 14', Add	2.91	
For Work In Restricted Working Space, Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.82	
26 05 33 13-1309 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.40	11.24
For Installation Above 14', Add	3.37	
For Work In Restricted Working Space, Add	6.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.74	
26 05 33 13-1310 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	46.19	12.77
For Installation Above 14', Add	3.83	
For Work In Restricted Working Space, Add	7.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.66	
26 05 33 13-1311 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.58	14.31
For Installation Above 14', Add	4.29	
For Work In Restricted Working Space, Add	8.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.58	
26 05 33 13-1312 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.26	6.64
For Installation Above 14', Add	1.99	
For Work In Restricted Working Space, Add	3.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.98	
26 05 33 13-1313 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	32.67	7.66
For Installation Above 14', Add	2.30	
For Work In Restricted Working Space, Add	4.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-1314 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.76	9.70
For Installation Above 14', Add	2.91	
For Work In Restricted Working Space, Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.82	
26 05 33 13-1315 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.46	11.24
For Installation Above 14', Add	3.37	
For Work In Restricted Working Space, Add	6.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.74	
26 05 33 13-1316 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.36	12.77
For Installation Above 14', Add	3.83	
For Work In Restricted Working Space, Add	7.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.66	
26 05 33 13-1317 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	52.63	14.31
For Installation Above 14', Add	4.29	
For Work In Restricted Working Space, Add	8.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.58	
26 05 33 13-1318 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	72.86	17.37
For Installation Above 14', Add	5.21	
For Work In Restricted Working Space, Add	10.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.42	
26 05 33 13-1319 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	94.67	24.01
For Installation Above 14', Add	7.20	
For Work In Restricted Working Space, Add	14.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.41	
26 05 33 13-1320 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	30.38	6.64
For Installation Above 14', Add	1.99	
For Work In Restricted Working Space, Add	3.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.98	
26 05 33 13-1321 EA 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	32.91	7.66
For Installation Above 14', Add	2.30	
For Work In Restricted Working Space, Add	4.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.60	
26 05 33 13-1322 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.02	9.70
For Installation Above 14', Add	2.91	
For Work In Restricted Working Space, Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.82	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1323	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	44.52	11.24	
		<i>For Installation Above 14', Add</i>	3.37		
		<i>For Work In Restricted Working Space, Add</i>	6.74		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74		
26 05 33 13-1324	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	48.54	12.77	
		<i>For Installation Above 14', Add</i>	3.83		
		<i>For Work In Restricted Working Space, Add</i>	7.66		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66		
26 05 33 13-1325	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.68	14.31	
		<i>For Installation Above 14', Add</i>	4.29		
		<i>For Work In Restricted Working Space, Add</i>	8.58		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58		
26 05 33 13-1326	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.68	17.37	
		<i>For Installation Above 14', Add</i>	5.21		
		<i>For Work In Restricted Working Space, Add</i>	10.42		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42		
26 05 33 13-1327	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	98.57	24.01	
		<i>For Installation Above 14', Add</i>	7.20		
		<i>For Work In Restricted Working Space, Add</i>	14.41		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41		
26 05 33 13-1328	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	117.18	27.08	
		<i>For Installation Above 14', Add</i>	8.12		
		<i>For Work In Restricted Working Space, Add</i>	16.24		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24		
26 05 33 13-1329	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	137.94	35.25	
		<i>For Installation Above 14', Add</i>	10.57		
		<i>For Work In Restricted Working Space, Add</i>	21.15		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15		
26 05 33 13-1330	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	30.62	6.64	
		<i>For Installation Above 14', Add</i>	1.99		
		<i>For Work In Restricted Working Space, Add</i>	3.98		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98		
26 05 33 13-1331	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	33.17	7.66	
		<i>For Installation Above 14', Add</i>	2.30		
		<i>For Work In Restricted Working Space, Add</i>	4.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60		
26 05 33 13-1332	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.29	9.70	
		<i>For Installation Above 14', Add</i>	2.91		
		<i>For Work In Restricted Working Space, Add</i>	5.82		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.82		
26 05 33 13-1333	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.02	11.24	
		<i>For Installation Above 14', Add</i>	3.37		
		<i>For Work In Restricted Working Space, Add</i>	6.74		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74		
26 05 33 13-1334	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.05	12.77	
		<i>For Installation Above 14', Add</i>	3.83		
		<i>For Work In Restricted Working Space, Add</i>	7.66		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66		
26 05 33 13-1335	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	55.80	14.31	
		<i>For Installation Above 14', Add</i>	4.29		
		<i>For Work In Restricted Working Space, Add</i>	8.58		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58		
26 05 33 13-1336	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	81.88	17.37	
		<i>For Installation Above 14', Add</i>	5.21		
		<i>For Work In Restricted Working Space, Add</i>	10.42		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42		
26 05 33 13-1337	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	104.40	24.01	
		<i>For Installation Above 14', Add</i>	7.20		
		<i>For Work In Restricted Working Space, Add</i>	14.41		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41		
26 05 33 13-1338	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	118.43	27.08	
		<i>For Installation Above 14', Add</i>	8.12		
		<i>For Work In Restricted Working Space, Add</i>	16.24		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24		
26 05 33 13-1339	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	141.27	35.25	
		<i>For Installation Above 14', Add</i>	10.57		
		<i>For Work In Restricted Working Space, Add</i>	21.15		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15		
26 05 33 13-1340	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	207.15	48.53	
		<i>For Installation Above 14', Add</i>	14.56		
		<i>For Work In Restricted Working Space, Add</i>	29.12		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12		
26 05 33 13-1341	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	31.08	6.64	
		<i>For Installation Above 14', Add</i>	1.99		
		<i>For Work In Restricted Working Space, Add</i>	3.98		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98		
26 05 33 13-1342	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	33.62	7.66	
		<i>For Installation Above 14', Add</i>	2.30		
		<i>For Work In Restricted Working Space, Add</i>	4.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60		
26 05 33 13-1343	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	38.78	9.70	
		<i>For Installation Above 14', Add</i>	2.91		
		<i>For Work In Restricted Working Space, Add</i>	5.82		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.82		
26 05 33 13-1344	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.93	11.24	
		<i>For Installation Above 14', Add</i>	3.37		
		<i>For Work In Restricted Working Space, Add</i>	6.74		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1345	EA	1-1/2" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.15	12.77
			<i>For Installation Above 14', Add</i>	3.83	
			<i>For Work In Restricted Working Space, Add</i>	7.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-1346	EA	2" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.91	14.31
			<i>For Installation Above 14', Add</i>	4.29	
			<i>For Work In Restricted Working Space, Add</i>	8.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58	
26 05 33 13-1347	EA	2-1/2" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	89.20	17.37
			<i>For Installation Above 14', Add</i>	5.21	
			<i>For Work In Restricted Working Space, Add</i>	10.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-1348	EA	3" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	112.16	24.01
			<i>For Installation Above 14', Add</i>	7.20	
			<i>For Work In Restricted Working Space, Add</i>	14.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-1349	EA	3-1/2" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	125.41	27.08
			<i>For Installation Above 14', Add</i>	8.12	
			<i>For Work In Restricted Working Space, Add</i>	16.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24	
26 05 33 13-1350	EA	4" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	153.05	35.25
			<i>For Installation Above 14', Add</i>	10.57	
			<i>For Work In Restricted Working Space, Add</i>	21.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1351	EA	5" x 6"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	224.77	48.53
			<i>For Installation Above 14', Add</i>	14.56	
			<i>For Work In Restricted Working Space, Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	
26 05 33 13-1352	EA	1/2" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	31.79	6.64
			<i>For Installation Above 14', Add</i>	1.99	
			<i>For Work In Restricted Working Space, Add</i>	3.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98	
26 05 33 13-1353	EA	3/4" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	34.32	7.66
			<i>For Installation Above 14', Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	4.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-1354	EA	1" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	39.88	9.70
			<i>For Installation Above 14', Add</i>	2.91	
			<i>For Work In Restricted Working Space, Add</i>	5.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.82	
26 05 33 13-1355	EA	1-1/4" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	46.17	11.24
			<i>For Installation Above 14', Add</i>	3.37	
			<i>For Work In Restricted Working Space, Add</i>	6.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74	
26 05 33 13-1356	EA	1-1/2" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	52.38	12.77
			<i>For Installation Above 14', Add</i>	3.83	
			<i>For Work In Restricted Working Space, Add</i>	7.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-1357	EA	2" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	62.36	14.31
			<i>For Installation Above 14', Add</i>	4.29	
			<i>For Work In Restricted Working Space, Add</i>	8.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58	
26 05 33 13-1358	EA	2-1/2" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	98.20	17.37
			<i>For Installation Above 14', Add</i>	5.21	
			<i>For Work In Restricted Working Space, Add</i>	10.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-1359	EA	3" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	122.77	24.01
			<i>For Installation Above 14', Add</i>	7.20	
			<i>For Work In Restricted Working Space, Add</i>	14.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-1360	EA	3-1/2" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	142.90	27.08
			<i>For Installation Above 14', Add</i>	8.12	
			<i>For Work In Restricted Working Space, Add</i>	16.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24	
26 05 33 13-1361	EA	4" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	170.74	35.25
			<i>For Installation Above 14', Add</i>	10.57	
			<i>For Work In Restricted Working Space, Add</i>	21.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1362	EA	5" x 8"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	236.85	48.53
			<i>For Installation Above 14', Add</i>	14.56	
			<i>For Work In Restricted Working Space, Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	
26 05 33 13-1363	EA	1/2" x 10"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	32.54	6.64
			<i>For Installation Above 14', Add</i>	1.99	
			<i>For Work In Restricted Working Space, Add</i>	3.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98	
26 05 33 13-1364	EA	3/4" x 10"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	35.05	7.66
			<i>For Installation Above 14', Add</i>	2.30	
			<i>For Work In Restricted Working Space, Add</i>	4.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-1365	EA	1" x 10"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.96	9.70
			<i>For Installation Above 14', Add</i>	2.91	
			<i>For Work In Restricted Working Space, Add</i>	5.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.82	
26 05 33 13-1366	EA	1-1/4" x 10"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	49.46	11.24
			<i>For Installation Above 14', Add</i>	3.37	
			<i>For Work In Restricted Working Space, Add</i>	6.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-1367	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	57.68	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-1368	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	70.38	14.31
		<i>For Installation Above 14', Add</i>	4.29	
		<i>For Work In Restricted Working Space, Add</i>	8.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58	
26 05 33 13-1369	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	107.72	17.37
		<i>For Installation Above 14', Add</i>	5.21	
		<i>For Work In Restricted Working Space, Add</i>	10.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-1370	EA	3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	136.36	24.01
		<i>For Installation Above 14', Add</i>	7.20	
		<i>For Work In Restricted Working Space, Add</i>	14.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-1371	EA	3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	161.27	27.08
		<i>For Installation Above 14', Add</i>	8.12	
		<i>For Work In Restricted Working Space, Add</i>	16.24	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24	
26 05 33 13-1372	EA	4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	201.70	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1373	EA	5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	260.94	48.53
		<i>For Installation Above 14', Add</i>	14.56	
		<i>For Work In Restricted Working Space, Add</i>	29.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	
26 05 33 13-1374	EA	1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	33.31	6.64
		<i>For Installation Above 14', Add</i>	1.99	
		<i>For Work In Restricted Working Space, Add</i>	3.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.98	
26 05 33 13-1375	EA	3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	35.91	7.66
		<i>For Installation Above 14', Add</i>	2.30	
		<i>For Work In Restricted Working Space, Add</i>	4.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.60	
26 05 33 13-1376	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.70	9.70
		<i>For Installation Above 14', Add</i>	2.91	
		<i>For Work In Restricted Working Space, Add</i>	5.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.82	
26 05 33 13-1377	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	54.88	11.24
		<i>For Installation Above 14', Add</i>	3.37	
		<i>For Work In Restricted Working Space, Add</i>	6.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.74	
26 05 33 13-1378	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.10	12.77
		<i>For Installation Above 14', Add</i>	3.83	
		<i>For Work In Restricted Working Space, Add</i>	7.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.66	
26 05 33 13-1379	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	76.81	14.31
		<i>For Installation Above 14', Add</i>	4.29	
		<i>For Work In Restricted Working Space, Add</i>	8.58	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.58	
26 05 33 13-1380	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	120.41	17.37
		<i>For Installation Above 14', Add</i>	5.21	
		<i>For Work In Restricted Working Space, Add</i>	10.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-1381	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	156.74	24.01
		<i>For Installation Above 14', Add</i>	7.20	
		<i>For Work In Restricted Working Space, Add</i>	14.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.41	
26 05 33 13-1382	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	172.54	27.08
		<i>For Installation Above 14', Add</i>	8.12	
		<i>For Work In Restricted Working Space, Add</i>	16.24	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.24	
26 05 33 13-1383	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	211.19	35.25
		<i>For Installation Above 14', Add</i>	10.57	
		<i>For Work In Restricted Working Space, Add</i>	21.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.15	
26 05 33 13-1384	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	264.38	48.53
		<i>For Installation Above 14', Add</i>	14.56	
		<i>For Work In Restricted Working Space, Add</i>	29.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.12	

26 05 33 13-1385 Aluminum Conduit (26 05 33 13-0041)

Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-1386 Aluminum Conduit With Threaded Coupling (26 05 33 13-1385)

Note: Includes field bend conduit up to 1".

26 05 33 13-1387	LF	1/2" Aluminum Conduit With Threaded Coupling.....	4.96	1.57
		<i>For Work In Restricted Working Space, Add</i>	1.18	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.59	
26 05 33 13-1388	LF	3/4" Aluminum Conduit With Threaded Coupling.....	5.70	1.72
		<i>For Work In Restricted Working Space, Add</i>	1.30	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.65	
26 05 33 13-1389	LF	1" Aluminum Conduit With Threaded Coupling.....	6.67	1.88
		<i>For Work In Restricted Working Space, Add</i>	1.41	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.71	
26 05 33 13-1390	LF	1-1/4" Aluminum Conduit With Threaded Coupling.....	7.68	2.05
		<i>For Work In Restricted Working Space, Add</i>	1.53	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.77	

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

26 05 33 13-1391	LF		1-1/2" Aluminum Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	8.69 1.65 0.83	2.21
26 05 33 13-1392	LF		2" Aluminum Conduit With Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	10.56 1.89 0.94	2.52
26 05 33 13-1393	LF		2-1/2" Aluminum Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	14.60 2.36 1.18	3.15
26 05 33 13-1394	LF		3" Aluminum Conduit With Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	18.29 2.83 1.41	3.77
26 05 33 13-1395	LF		3-1/2" Aluminum Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	22.42 3.54 1.77	4.71
26 05 33 13-1396	LF		4" Aluminum Conduit With Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	27.53 4.48 2.24	5.97
26 05 33 13-1397	LF		5" Aluminum Conduit With Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	36.89 5.66 2.83	7.55
26 05 33 13-1398	LF		6" Aluminum Conduit With Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	47.30 7.07 3.54	9.43

26 05 33 13-1399 Aluminum 90 Degree Elbows (26 05 33 13-1385)

26 05 33 13-1400	EA		1" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	31.41 6.13	8.17
26 05 33 13-1401	EA		1-1/4" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	40.63 6.96	9.27
26 05 33 13-1402	EA		1-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	49.94 8.02	10.69
26 05 33 13-1403	EA		2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	64.83 9.20	12.26
26 05 33 13-1404	EA		2-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	94.91 11.20	14.94
26 05 33 13-1405	EA		3" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	137.28 14.50	19.34
26 05 33 13-1406	EA		3-1/2" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	192.95 16.27	21.69
26 05 33 13-1407	EA		4" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	232.47 20.40	27.20
26 05 33 13-1408	EA		5" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	597.14 33.24	44.33
26 05 33 13-1409	EA		6" Aluminum 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	839.50 49.99	66.65

26 05 33 13-1410 Aluminum Bushing Set With Locknut (26 05 33 13-1385)

26 05 33 13-1411	EA		1/2" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69 2.36 2.36	3.15
26 05 33 13-1412	EA		3/4" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.58 3.07 3.07	4.09
26 05 33 13-1413	EA		1" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.11 3.77 3.77	5.03
26 05 33 13-1414	EA		1-1/4" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.75 4.25 4.25	5.65
26 05 33 13-1415	EA		1-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.06 5.19 5.19	6.92
26 05 33 13-1416	EA		2" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.11 6.25 6.25	8.33
26 05 33 13-1417	EA		2-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.36 7.43 7.43	9.90
26 05 33 13-1418	EA		3" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.14 8.49 8.49	11.32
26 05 33 13-1419	EA		3-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.76 9.20 9.20	12.26
26 05 33 13-1420	EA		4" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.93 9.90 9.90	13.20
26 05 33 13-1421	EA		5" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.17 13.20 13.20	17.60
26 05 33 13-1422	EA		6" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.48 19.81 19.81	26.41

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33 13-1423		Schedule 40 Polyvinyl Chloride (PVC) Conduit <small>(26 05 33 13-0041)</small>			
		Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.			
26 05 33 13-1424		Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings <small>(26 05 33 13-1423)</small>			
		Note: Includes field bend conduit up to 1".			
26 05 33 13-1425	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	3.27		1.24
		For Schedule 60, Add	0.20		
		For Schedule 80, Add	0.37		
26 05 33 13-1426	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	3.63		1.36
		For Schedule 60, Add	0.23		
		For Schedule 80, Add	0.42		
26 05 33 13-1427	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	4.30		1.59
		For Schedule 60, Add	0.28		
		For Schedule 80, Add	0.51		
26 05 33 13-1428	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	4.97		1.81
		For Schedule 60, Add	0.33		
		For Schedule 80, Add	0.60		
26 05 33 13-1429	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	5.82		2.12
		For Schedule 60, Add	0.40		
		For Schedule 80, Add	0.71		
26 05 33 13-1430	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	6.73		2.42
		For Schedule 60, Add	0.47		
		For Schedule 80, Add	0.84		
26 05 33 13-1431	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	8.28		2.87
		For Schedule 60, Add	0.63		
		For Schedule 80, Add	1.10		
26 05 33 13-1432	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	9.62		3.33
		For Schedule 60, Add	0.74		
		For Schedule 80, Add	1.29		
26 05 33 13-1433	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	11.50		3.94
		For Schedule 60, Add	0.91		
		For Schedule 80, Add	1.57		
26 05 33 13-1434	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	13.93		4.85
		For Schedule 60, Add	1.06		
		For Schedule 80, Add	1.85		
26 05 33 13-1435	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	19.67		6.81
		For Schedule 60, Add	1.51		
		For Schedule 80, Add	2.63		
26 05 33 13-1436	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings.....	26.20		9.08
		For Schedule 60, Add	2.01		
		For Schedule 80, Add	3.49		
26 05 33 13-1437		Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows <small>(26 05 33 13-1423)</small>			
		See CSI section 26 05 33 13-2203 for conduit field bending.			
26 05 33 13-1438	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	15.75		6.05
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	0.91		
		For Schedule 80, Add	1.73		
26 05 33 13-1439	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	17.35		6.66
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	1.01		
		For Schedule 80, Add	1.91		
26 05 33 13-1440	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	20.05		7.57
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	1.23		
		For Schedule 80, Add	2.29		
26 05 33 13-1441	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	25.86		9.69
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	1.62		
		For Schedule 80, Add	3.00		
26 05 33 13-1442	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	32.49		12.11
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	2.07		
		For Schedule 80, Add	3.80		
26 05 33 13-1443	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	40.80		15.13
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	2.63		
		For Schedule 80, Add	4.82		
26 05 33 13-1444	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	50.95		18.16
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	3.66		
		For Schedule 80, Add	6.48		
26 05 33 13-1445	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	62.31		21.19
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	4.98		
		For Schedule 80, Add	8.56		
26 05 33 13-1446	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	77.45		25.73
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	6.50		
		For Schedule 80, Add	11.03		
26 05 33 13-1447	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	92.59		30.27
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	8.01		
		For Schedule 80, Add	13.49		
26 05 33 13-1448	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	123.82		37.84
		See CSI section 26 05 33 13-2203 for conduit field bending.			
		For Schedule 60, Add	12.04		
		For Schedule 80, Add	19.69		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1449	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	150.82 15.00 24.41	45.40
26 05 33	13-1450		Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows (26 05 33 13-1423) See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33	13-1451	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	15.62 0.88 1.68	6.05
26 05 33	13-1452	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	17.31 1.00 1.90	6.66
26 05 33	13-1453	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	19.98 1.21 2.26	7.57
26 05 33	13-1454	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	25.66 1.57 2.93	9.69
26 05 33	13-1455	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	32.05 1.96 3.65	12.11
26 05 33	13-1456	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	40.56 2.57 4.74	15.13
26 05 33	13-1457	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	50.50 3.55 6.33	18.16
26 05 33	13-1458	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	61.75 4.84 8.37	21.19
26 05 33	13-1459	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	75.88 6.10 10.48	25.73
26 05 33	13-1460	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	91.23 7.67 13.01	30.27
26 05 33	13-1461	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	122.06 11.60 19.07	37.84
26 05 33	13-1462	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2203 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	145.60 13.70 22.58	45.40
26 05 33	13-1463		Polyvinyl Chloride (PVC) Conduit Adapters (26 05 33 13-1423)		
26 05 33	13-1464	EA	1/2" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.88 3.18	4.24
26 05 33	13-1465	EA	3/4" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.48 3.63	4.85
26 05 33	13-1466	EA	1" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.13 4.09	5.45
26 05 33	13-1467	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.83 4.54	6.05
26 05 33	13-1468	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.66 5.68	7.57
26 05 33	13-1469	EA	2" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.71 6.81	9.08
26 05 33	13-1470	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.30 9.08	12.11
26 05 33	13-1471	EA	3" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.66 11.35	15.13
26 05 33	13-1472	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.80 14.76	19.67
26 05 33	13-1473	EA	4" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.24 18.16	24.22
26 05 33	13-1474	EA	5" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.97 22.70	30.27
26 05 33	13-1475	EA	6" Polyvinyl Chloride (PVC) Conduit Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.35 28.38	37.84
26 05 33	13-1476		Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug (26 05 33 13-1423)		
26 05 33	13-1477	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.57 2.72	3.64

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1478	EA 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.22 3.18	4.24
26 05 33 13-1479	EA 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89 3.63	4.85
26 05 33 13-1480	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.44 4.09	5.45
26 05 33 13-1481	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.37 4.54	6.05
26 05 33 13-1482	EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.86 5.22	6.96
26 05 33 13-1483	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.63 5.90	7.87
26 05 33 13-1484	EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.16 6.81	9.08
26 05 33 13-1485	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.41 7.94	10.60
26 05 33 13-1486	EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.20 9.08	12.11
26 05 33 13-1487	EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.89 10.22	13.62
26 05 33 13-1488	EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.18 11.35	15.13
26 05 33 13-1489	Polyvinyl Chloride (PVC) Conduit Terminal Adapters (26 05 33 13-1423)		
26 05 33 13-1490	EA 1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.87 3.49	
26 05 33 13-1491	EA 3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.32 4.19	
26 05 33 13-1492	EA 1" Polyvinyl Chloride (PVC) Conduit Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.94 4.65	
26 05 33 13-1493	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.84 5.18	
26 05 33 13-1494	Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover (26 05 33 13-1423)		
26 05 33 13-1495	EA 1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.12 9.08	12.11
26 05 33 13-1496	EA 3/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.08 10.22	13.62
26 05 33 13-1497	EA 1" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.26 11.35	15.13
26 05 33 13-1498	EA 1-1/4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.72 13.62	18.16
26 05 33 13-1499	EA 1-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.12 17.03	22.71
26 05 33 13-1500	EA 2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.16 20.43	27.24
26 05 33 13-1501	EA 2-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.91 22.70	30.27
26 05 33 13-1502	EA 3" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.17 24.98	33.29
26 05 33 13-1503	EA 3-1/2" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.17 28.38	37.84
26 05 33 13-1504	EA 4" Type LB, LR Or LL, Two Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	166.68 32.92	43.89
26 05 33 13-1505	Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover (26 05 33 13-1423)		
26 05 33 13-1506	EA 1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.09 2.91 5.26 11.79	15.72
26 05 33 13-1507	EA 3/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.93 3.34 5.97 12.97	17.29
26 05 33 13-1508	EA 1" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.92 3.55 6.38 14.15	18.87
26 05 33 13-1509	EA 1-1/4" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.70 4.92 8.54 16.51	22.00
26 05 33 13-1510	EA 1-1/2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.01 5.89 10.25 20.04	26.73
26 05 33 13-1511	EA 2" Type T, Three Hub Polyvinyl Chloride (PVC) Conduit Body With Cover <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.37 7.62 13.03 23.58	31.44
26 05 33 13-1512	Polyvinyl Chloride (PVC) Conduit Expansion Joint (26 05 33 13-1423)		

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

26 05 33 13-1513	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	62.69	15.13
26 05 33 13-1514	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	70.83	18.16
26 05 33 13-1515	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	79.38	21.19
26 05 33 13-1516	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	87.52	24.22
26 05 33 13-1517	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	95.50	27.24
26 05 33 13-1518	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	104.53	30.27
26 05 33 13-1519	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	126.14	34.82
26 05 33 13-1520	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	149.22	39.35
26 05 33 13-1521	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	174.14	45.40
26 05 33 13-1522	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	206.27	52.98
26 05 33 13-1523	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	266.48	63.57
26 05 33 13-1524	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	349.03	81.73

26 05 33 13-1525 Polyvinyl Chloride (PVC) Conduit End Caps (26 05 33 13-1423)

26 05 33 13-1526	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	8.85	3.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.27	
26 05 33 13-1527	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap.....	10.48	3.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.72	
26 05 33 13-1528	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap.....	12.10	4.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.18	
26 05 33 13-1529	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap.....	14.27	4.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.63	
26 05 33 13-1530	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	16.46	5.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.09	
26 05 33 13-1531	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap.....	19.05	6.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.54	
26 05 33 13-1532	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	25.96	6.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
26 05 33 13-1533	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap.....	28.60	7.87
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-1534	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	35.59	8.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.59	
26 05 33 13-1535	EA	4" Polyvinyl Chloride (PVC) Conduit End Cap.....	42.06	9.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.04	
26 05 33 13-1536	EA	5" Polyvinyl Chloride (PVC) Conduit End Cap.....	48.08	10.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-1537	EA	6" Polyvinyl Chloride (PVC) Conduit End Cap.....	59.82	12.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	

26 05 33 13-1538 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) (26 05 33 13-1423)

26 05 33 13-1539	EA	2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200).....	86.38	27.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.43	
26 05 33 13-1540	EA	3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121).....	83.20	18.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.62	
26 05 33 13-1541	EA	1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251).....	191.60	30.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.70	
26 05 33 13-1542	EA	3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401).....	362.12	43.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.92	

26 05 33 13-1543 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-0041)

Note: Exposed installation. Excludes supporting strap, hanger and fastening.

26 05 33 13-1544 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-1543)

26 05 33 13-1545	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	4.91	1.24
26 05 33 13-1546	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	5.44	1.36
26 05 33 13-1547	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	6.13	1.57
26 05 33 13-1548	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	6.80	1.81
26 05 33 13-1549	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	7.75	2.12
26 05 33 13-1550	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	8.56	2.42
26 05 33 13-1551	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	10.20	2.87
26 05 33 13-1552	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	11.93	3.33
26 05 33 13-1553	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	13.90	3.94
26 05 33 13-1554	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	16.62	4.85
26 05 33 13-1555	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	22.67	6.81
26 05 33 13-1556	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	29.76	9.08

26 05 33 13-1557 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1543)

26 05 33 13-1558	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	48.45	6.05
		<i>For 24" Radius, Add</i>	3.26	
		<i>For 36" Radius, Add</i>	4.85	
		<i>For 48" Radius, Add</i>	6.43	
26 05 33 13-1559	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	53.95	6.66
		<i>For 24" Radius, Add</i>	3.63	
		<i>For 36" Radius, Add</i>	5.40	
		<i>For 48" Radius, Add</i>	7.16	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1560	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	56.60	7.57
		For 24" Radius, Add	3.77	
		For 36" Radius, Add	5.66	
		For 48" Radius, Add	7.55	
26 05 33 13-1561	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	62.27	9.69
		For 24" Radius, Add	4.06	
		For 36" Radius, Add	6.23	
		For 48" Radius, Add	8.39	
26 05 33 13-1562	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	68.70	12.11
		For 24" Radius, Add	4.40	
		For 36" Radius, Add	6.87	
		For 48" Radius, Add	9.34	
26 05 33 13-1563	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	81.57	15.13
		For 24" Radius, Add	5.17	
		For 36" Radius, Add	8.16	
		For 48" Radius, Add	11.14	
26 05 33 13-1564	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	97.74	18.16
		For 24" Radius, Add	6.20	
		For 36" Radius, Add	9.77	
		For 48" Radius, Add	13.35	
26 05 33 13-1565	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	115.79	21.19
		For 24" Radius, Add	7.36	
		For 36" Radius, Add	11.58	
		For 48" Radius, Add	15.80	
26 05 33 13-1566	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	134.99	25.73
		For 24" Radius, Add	8.52	
		For 36" Radius, Add	13.50	
		For 48" Radius, Add	18.48	
26 05 33 13-1567	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	154.19	30.27
		For 24" Radius, Add	9.67	
		For 36" Radius, Add	15.42	
		For 48" Radius, Add	21.17	
26 05 33 13-1568	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	192.74	37.84
		For 24" Radius, Add	12.09	
		For 36" Radius, Add	19.27	
		For 48" Radius, Add	26.46	
26 05 33 13-1569	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	236.19	45.40
		For 24" Radius, Add	14.88	
		For 36" Radius, Add	23.62	
		For 48" Radius, Add	32.36	

26 05 33 13-1570 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows

26 05 33 13-1571	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	42.45	6.05
		For 24" Radius, Add	2.81	
		For 36" Radius, Add	4.25	
		For 48" Radius, Add	5.68	
26 05 33 13-1572	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	47.24	6.66
		For 24" Radius, Add	3.13	
		For 36" Radius, Add	4.72	
		For 48" Radius, Add	6.32	
26 05 33 13-1573	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	49.82	7.57
		For 24" Radius, Add	3.26	
		For 36" Radius, Add	4.98	
		For 48" Radius, Add	6.70	
26 05 33 13-1574	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	55.42	9.69
		For 24" Radius, Add	3.55	
		For 36" Radius, Add	5.54	
		For 48" Radius, Add	7.53	
26 05 33 13-1575	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	61.78	12.11
		For 24" Radius, Add	3.88	
		For 36" Radius, Add	6.18	
		For 48" Radius, Add	8.48	
26 05 33 13-1576	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	73.70	15.13
		For 24" Radius, Add	4.58	
		For 36" Radius, Add	7.37	
		For 48" Radius, Add	10.16	
26 05 33 13-1577	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	88.32	18.16
		For 24" Radius, Add	5.49	
		For 36" Radius, Add	8.83	
		For 48" Radius, Add	12.18	
26 05 33 13-1578	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	104.48	21.19
		For 24" Radius, Add	6.51	
		For 36" Radius, Add	10.45	
		For 48" Radius, Add	14.38	
26 05 33 13-1579	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	122.27	25.73
		For 24" Radius, Add	7.56	
		For 36" Radius, Add	12.23	
		For 48" Radius, Add	16.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1580 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	140.06	30.27
<i>For 24" Radius, Add</i>	8.61	
<i>For 36" Radius, Add</i>	14.01	
<i>For 48" Radius, Add</i>	19.40	
26 05 33 13-1581 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	175.07	37.84
<i>For 24" Radius, Add</i>	10.77	
<i>For 36" Radius, Add</i>	17.51	
<i>For 48" Radius, Add</i>	24.25	
26 05 33 13-1582 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows.....	214.11	45.40
<i>For 24" Radius, Add</i>	13.22	
<i>For 36" Radius, Add</i>	21.41	
<i>For 48" Radius, Add</i>	29.60	
26 05 33 13-1583 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows		
<small>(26 05 33 13-1543)</small>		
26 05 33 13-1584 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	39.28	5.45
<i>For 24" Radius, Add</i>	2.61	
<i>For 36" Radius, Add</i>	3.93	
<i>For 48" Radius, Add</i>	5.25	
26 05 33 13-1585 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	43.70	5.99
<i>For 24" Radius, Add</i>	2.90	
<i>For 36" Radius, Add</i>	4.37	
<i>For 48" Radius, Add</i>	5.84	
26 05 33 13-1586 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	46.05	6.81
<i>For 24" Radius, Add</i>	3.03	
<i>For 36" Radius, Add</i>	4.61	
<i>For 48" Radius, Add</i>	6.18	
26 05 33 13-1587 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	51.10	8.71
<i>For 24" Radius, Add</i>	3.29	
<i>For 36" Radius, Add</i>	5.11	
<i>For 48" Radius, Add</i>	6.93	
26 05 33 13-1588 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	56.83	10.90
<i>For 24" Radius, Add</i>	3.58	
<i>For 36" Radius, Add</i>	5.68	
<i>For 48" Radius, Add</i>	7.78	
26 05 33 13-1589 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	67.73	13.62
<i>For 24" Radius, Add</i>	4.23	
<i>For 36" Radius, Add</i>	6.77	
<i>For 48" Radius, Add</i>	9.32	
26 05 33 13-1590 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	81.17	16.35
<i>For 24" Radius, Add</i>	5.07	
<i>For 36" Radius, Add</i>	8.12	
<i>For 48" Radius, Add</i>	11.17	
26 05 33 13-1591 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	96.04	19.07
<i>For 24" Radius, Add</i>	6.01	
<i>For 36" Radius, Add</i>	9.60	
<i>For 48" Radius, Add</i>	13.20	
26 05 33 13-1592 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	112.30	23.16
<i>For 24" Radius, Add</i>	6.98	
<i>For 36" Radius, Add</i>	11.23	
<i>For 48" Radius, Add</i>	15.48	
26 05 33 13-1593 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	128.56	27.24
<i>For 24" Radius, Add</i>	7.94	
<i>For 36" Radius, Add</i>	12.86	
<i>For 48" Radius, Add</i>	17.77	
26 05 33 13-1594 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	160.71	34.06
<i>For 24" Radius, Add</i>	9.92	
<i>For 36" Radius, Add</i>	16.07	
<i>For 48" Radius, Add</i>	22.22	
26 05 33 13-1595 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	196.63	40.87
<i>For 24" Radius, Add</i>	12.19	
<i>For 36" Radius, Add</i>	19.66	
<i>For 48" Radius, Add</i>	27.13	
26 05 33 13-1596 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows		
<small>(26 05 33 13-1543)</small>		
26 05 33 13-1597 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	37.61	5.45
<i>For 24" Radius, Add</i>	2.48	
<i>For 36" Radius, Add</i>	3.76	
<i>For 48" Radius, Add</i>	5.04	
26 05 33 13-1598 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	41.84	5.99
<i>For 24" Radius, Add</i>	2.76	
<i>For 36" Radius, Add</i>	4.18	
<i>For 48" Radius, Add</i>	5.60	
26 05 33 13-1599 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	44.16	6.81
<i>For 24" Radius, Add</i>	2.89	
<i>For 36" Radius, Add</i>	4.42	
<i>For 48" Radius, Add</i>	5.95	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1600	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	49.20	8.71
	For 24" Radius, Add	3.15	
	For 36" Radius, Add	4.92	
	For 48" Radius, Add	6.70	
26 05 33 13-1601	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	54.91	10.90
	For 24" Radius, Add	3.44	
	For 36" Radius, Add	5.49	
	For 48" Radius, Add	7.54	
26 05 33 13-1602	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	65.54	13.62
	For 24" Radius, Add	4.06	
	For 36" Radius, Add	6.55	
	For 48" Radius, Add	9.04	
26 05 33 13-1603	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	78.55	16.35
	For 24" Radius, Add	4.87	
	For 36" Radius, Add	7.86	
	For 48" Radius, Add	10.84	
26 05 33 13-1604	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	92.90	19.07
	For 24" Radius, Add	5.78	
	For 36" Radius, Add	9.29	
	For 48" Radius, Add	12.80	
26 05 33 13-1605	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	108.76	23.16
	For 24" Radius, Add	6.71	
	For 36" Radius, Add	10.88	
	For 48" Radius, Add	15.04	
26 05 33 13-1606	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	124.64	27.24
	For 24" Radius, Add	7.65	
	For 36" Radius, Add	12.46	
	For 48" Radius, Add	17.28	
26 05 33 13-1607	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	155.80	34.06
	For 24" Radius, Add	9.56	
	For 36" Radius, Add	15.58	
	For 48" Radius, Add	21.60	
26 05 33 13-1608	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	190.49	40.87
	For 24" Radius, Add	11.73	
	For 36" Radius, Add	19.05	
	For 48" Radius, Add	26.37	
26 05 33 13-1609 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-1543)			
26 05 33 13-1610	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	24.39	4.24
26 05 33 13-1611	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	27.48	4.85
26 05 33 13-1612	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	29.15	5.45
26 05 33 13-1613	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	30.79	6.05
26 05 33 13-1614	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	34.90	7.57
26 05 33 13-1615	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	41.73	9.08
26 05 33 13-1616	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	53.17	12.11
26 05 33 13-1617	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	65.32	15.13
26 05 33 13-1618	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	80.10	19.67
26 05 33 13-1619	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	94.89	24.22
26 05 33 13-1620	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	118.61	30.27
26 05 33 13-1621	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling	148.25	37.84
26 05 33 13-1622 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-1543)			
26 05 33 13-1623	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	18.38	4.24
26 05 33 13-1624	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	20.76	4.85
26 05 33 13-1625	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	22.36	5.45
26 05 33 13-1626	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	23.96	6.05
26 05 33 13-1627	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	27.84	7.57
26 05 33 13-1628	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	31.69	9.08
26 05 33 13-1629	EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	41.04	12.11
26 05 33 13-1630	EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	50.77	15.13
26 05 33 13-1631	EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	63.73	19.67
26 05 33 13-1632	EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	76.70	24.22
26 05 33 13-1633	EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	95.90	30.27
26 05 33 13-1634	EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling	119.85	37.84
26 05 33 13-1635 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-1543)			
26 05 33 13-1636	EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	20.28	3.49
26 05 33 13-1637	EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	22.87	4.85
26 05 33 13-1638	EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	24.49	5.45
26 05 33 13-1639	EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	26.07	6.05
26 05 33 13-1640	EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	30.11	7.57
26 05 33 13-1641	EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	36.03	9.08

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

26 05 33 13-1642	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	46.25	12.11
26 05 33 13-1643	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	57.01	15.13
26 05 33 13-1644	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	70.75	19.67
26 05 33 13-1645	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	84.50	24.22
26 05 33 13-1646	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	105.62	30.27
26 05 33 13-1647	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling	132.04	37.84

26 05 33 13-1648 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints (26 05 33 13-1543)

26 05 33 13-1649	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	48.50	15.13
26 05 33 13-1650	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	57.23	18.16
26 05 33 13-1651	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	64.94	21.19
26 05 33 13-1652	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	72.58	24.22
26 05 33 13-1653	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	80.42	27.24
26 05 33 13-1654	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	90.33	30.27
26 05 33 13-1655	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	104.62	34.82
26 05 33 13-1656	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	119.49	39.35
26 05 33 13-1657	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	137.26	45.40
26 05 33 13-1658	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	158.82	52.98
26 05 33 13-1659	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	184.33	60.54
26 05 33 13-1660	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint	211.50	68.11

26 05 33 13-1661 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints (26 05 33 13-1543)

26 05 33 13-1662	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	52.83	15.13
26 05 33 13-1663	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	62.08	18.16
26 05 33 13-1664	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	69.82	21.19
26 05 33 13-1665	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	77.51	24.22
26 05 33 13-1666	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	85.40	27.24
26 05 33 13-1667	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	96.01	30.27
26 05 33 13-1668	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	111.43	34.82
26 05 33 13-1669	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	127.66	39.35
26 05 33 13-1670	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	146.47	45.40
26 05 33 13-1671	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	169.05	52.98
26 05 33 13-1672	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	197.16	60.54
26 05 33 13-1673	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint	227.53	68.11

26 05 33 13-1674 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters (26 05 33 13-1543)

26 05 33 13-1675	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	46.25	4.24
26 05 33 13-1676	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	51.72	4.85
26 05 33 13-1677	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	54.44	5.45
26 05 33 13-1678	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	57.22	6.05
26 05 33 13-1679	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	61.67	7.57
26 05 33 13-1680	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	69.53	9.08
26 05 33 13-1681	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	86.46	12.11
26 05 33 13-1682	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	105.23	15.13
26 05 33 13-1683	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	125.00	19.67
26 05 33 13-1684	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	144.78	24.22
26 05 33 13-1685	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	181.01	30.27
26 05 33 13-1686	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter	225.45	37.84

26 05 33 13-1687 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints (26 05 33 13-1543)

26 05 33 13-1688	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	60.36	15.13
26 05 33 13-1689	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	70.43	18.16
26 05 33 13-1690	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	83.90	21.19
26 05 33 13-1691	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	102.23	24.22
26 05 33 13-1692	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	125.26	27.24
26 05 33 13-1693	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	160.38	30.27
26 05 33 13-1694	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	220.31	34.82
26 05 33 13-1695	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	263.65	39.35
26 05 33 13-1696	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	316.78	45.40
26 05 33 13-1697	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	373.68	52.98
26 05 33 13-1698	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	437.92	60.54
26 05 33 13-1699	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint	656.77	68.11

26 05 33 13-1700 Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover (26 05 33 13-1543)

26 05 33 13-1701	EA	1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	50.21	12.11
			9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add				
26 05 33 13-1702	EA	3/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	57.84	13.62
			10.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add				
26 05 33 13-1703	EA	1" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover	74.09	15.13
			11.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add				

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1704	EA 1-1/4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	90.18	18.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.62	
26 05 33 13-1705	EA 1-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	114.34	22.71
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.03	
26 05 33 13-1706	EA 2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	153.41	27.24
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.43	
26 05 33 13-1707	EA 2-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	239.40	31.78
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.84	
26 05 33 13-1708	EA 3" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	304.07	36.33
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.25	
26 05 33 13-1709	EA 3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	364.52	42.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.79	
26 05 33 13-1710	EA 4" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	424.98	48.44
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.33	
26 05 33 13-1711	EA 5" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	498.75	54.49
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.87	
26 05 33 13-1712	EA 6" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	564.54	60.54
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.41	
26 05 33 13-1713	Explosion Proof Conduit Fittings <small>(26 05 33 13-0041)</small> Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33 13-1714	Explosion Proof Malleable Iron Conduit Unions <small>(26 05 33 13-1713)</small>		
26 05 33 13-1715	EA 1/2" Explosion Proof Malleable Iron Conduit Union	28.75	6.54
26 05 33 13-1716	EA 3/4" Explosion Proof Malleable Iron Conduit Union	35.14	7.24
26 05 33 13-1717	EA 1" Explosion Proof Malleable Iron Conduit Union	55.06	9.65
26 05 33 13-1718	EA 1-1/4" Explosion Proof Malleable Iron Conduit Union	72.12	10.68
26 05 33 13-1719	EA 1-1/2" Explosion Proof Malleable Iron Conduit Union	90.62	13.09
26 05 33 13-1720	EA 2" Explosion Proof Malleable Iron Conduit Union	112.46	15.16
26 05 33 13-1721	EA 2-1/2" Explosion Proof Malleable Iron Conduit Union	170.64	21.67
26 05 33 13-1722	EA 3" Explosion Proof Malleable Iron Conduit Union	216.24	25.80
26 05 33 13-1723	EA 3-1/2" Explosion Proof Malleable Iron Conduit Union	358.52	30.95
26 05 33 13-1724	EA 4" Explosion Proof Malleable Iron Conduit Union	382.75	39.55
26 05 33 13-1725	Explosion Proof Malleable Iron Conduit Bodies <small>(26 05 33 13-1713)</small>		
26 05 33 13-1726	EA 1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	100.88	20.67
26 05 33 13-1727	EA 3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	113.76	23.42
26 05 33 13-1728	EA 1" Explosion Proof Malleable Iron Two Hub Conduit Body	132.65	25.84
26 05 33 13-1729	EA 1/2" Explosion Proof Malleable Iron Three Hub Conduit Body.....	114.74	25.84
26 05 33 13-1730	EA 3/4" Explosion Proof Malleable Iron Three Hub Conduit Body.....	136.77	31.00
26 05 33 13-1731	EA 1" Explosion Proof Malleable Iron Three Hub Conduit Body.....	161.43	35.47
26 05 33 13-1732	Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <small>(26 05 33 13-1713)</small> Note: Includes sealing gasket and lock nut.		
26 05 33 13-1733	EA 1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	83.49	17.22
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 05 33 13-1734	EA 3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	85.92	19.29
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.47	
26 05 33 13-1735	EA 1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	93.77	21.01
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.76	
26 05 33 13-1736	EA 1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	120.10	25.84
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.37	
26 05 33 13-1737	EA 1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	152.38	30.31
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.73	
26 05 33 13-1738	EA 2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	194.24	34.44
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.83	
26 05 33 13-1739	EA 2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	277.46	51.58
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.69	
26 05 33 13-1740	EA 3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	350.49	64.65
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.49	
26 05 33 13-1741	EA 3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	487.93	71.18
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.39	
26 05 33 13-1742	EA 4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	624.50	77.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.03	
26 05 33 13-1743	Explosion Proof Flexible Conduit Couplings <small>(26 05 33 13-1713)</small>		
26 05 33 13-1744	EA 1/2" x 12" Explosion Proof Flexible Conduit Coupling.....	210.34	7.92
26 05 33 13-1745	EA 3/4" x 15" Explosion Proof Flexible Conduit Coupling.....	274.72	8.95
26 05 33 13-1746	Conduit Installed Below Grade <small>(26 05 33 13-0040)</small> Note: By direct burial In trench or in concrete slabs or duct banks. Excludes trenching, backfilling and concrete.		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

26 05 33 13-1747	Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial <small>(26 05 33 13-1746)</small>		
26 05 33 13-1748	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial <small>(26 05 33 13-1747)</small>		
	Note: Includes field bend conduit up to 1".		
26 05 33 13-1749	LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	2.62	
	For Schedule 60, Add	0.16	
	For Schedule 80, Add	0.30	
26 05 33 13-1750	LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	2.86	
	For Schedule 60, Add	0.19	
	For Schedule 80, Add	0.34	
26 05 33 13-1751	LF 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.15	
	For Schedule 60, Add	0.22	
	For Schedule 80, Add	0.40	
26 05 33 13-1752	LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.45	
	For Schedule 60, Add	0.26	
	For Schedule 80, Add	0.45	
26 05 33 13-1753	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	3.74	
	For Schedule 60, Add	0.29	
	For Schedule 80, Add	0.50	
26 05 33 13-1754	LF 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	4.09	
	For Schedule 60, Add	0.34	
	For Schedule 80, Add	0.58	
26 05 33 13-1755	LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	4.69	
	For Schedule 60, Add	0.45	
	For Schedule 80, Add	0.74	
26 05 33 13-1756	LF 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	5.09	
	For Schedule 60, Add	0.51	
	For Schedule 80, Add	0.83	
26 05 33 13-1757	LF 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	5.64	
	For Schedule 60, Add	0.61	
	For Schedule 80, Add	0.98	
26 05 33 13-1758	LF 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	5.99	
	For Schedule 60, Add	0.66	
	For Schedule 80, Add	1.05	
26 05 33 13-1759	LF 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	6.99	
	For Schedule 60, Add	0.88	
	For Schedule 80, Add	1.36	
26 05 33 13-1760	LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings, Direct Burial	8.03	
	For Schedule 60, Add	1.10	
	For Schedule 80, Add	1.68	
26 05 33 13-1761	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial <small>(26 05 33 13-1747)</small>		
	See CSI section 26 05 33 13-2203 for conduit field bending.		
26 05 33 13-1762	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	19.54	
	For Schedule 60, Add	1.10	
	For Schedule 80, Add	2.11	
26 05 33 13-1763	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	23.41	
	For Schedule 60, Add	1.31	
	For Schedule 80, Add	2.52	
26 05 33 13-1764	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	27.61	
	For Schedule 60, Add	1.61	
	For Schedule 80, Add	3.04	
26 05 33 13-1765	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	31.91	
	For Schedule 60, Add	1.92	
	For Schedule 80, Add	3.60	
26 05 33 13-1766	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	36.28	
	For Schedule 60, Add	2.26	
	For Schedule 80, Add	4.18	
26 05 33 13-1767	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	40.80	
	For Schedule 60, Add	2.63	
	For Schedule 80, Add	4.82	
26 05 33 13-1768	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	47.18	
	For Schedule 60, Add	3.47	
	For Schedule 80, Add	6.11	
26 05 33 13-1769	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	54.73	
	For Schedule 60, Add	4.60	
	For Schedule 80, Add	7.81	
26 05 33 13-1770	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	66.10	
	For Schedule 60, Add	5.93	
	For Schedule 80, Add	9.89	
26 05 33 13-1771	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	77.45	
	For Schedule 60, Add	7.25	
	For Schedule 80, Add	11.97	
26 05 33 13-1772	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	97.33	
	For Schedule 60, Add	10.71	
	For Schedule 80, Add	17.04	
26 05 33 13-1773	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial	112.98	
	For Schedule 60, Add	13.11	
	For Schedule 80, Add	20.62	
26 05 33 13-1774	Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial <small>(26 05 33 13-1747)</small>		
	See CSI section 26 05 33 13-2203 for conduit field bending.		

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 33 13-1775	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	19.41
	For Schedule 60, Add	1.07
	For Schedule 80, Add	2.06
26 05 33 13-1776	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	23.37
	For Schedule 60, Add	1.30
	For Schedule 80, Add	2.50
26 05 33 13-1777	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	27.54
	For Schedule 60, Add	1.59
	For Schedule 80, Add	3.02
26 05 33 13-1778	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	31.71
	For Schedule 60, Add	1.87
	For Schedule 80, Add	3.53
26 05 33 13-1779	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	35.84
	For Schedule 60, Add	2.15
	For Schedule 80, Add	4.03
26 05 33 13-1780	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	40.56
	For Schedule 60, Add	2.57
	For Schedule 80, Add	4.74
26 05 33 13-1781	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	46.73
	For Schedule 60, Add	3.36
	For Schedule 80, Add	5.95
26 05 33 13-1782	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	54.17
	For Schedule 60, Add	4.46
	For Schedule 80, Add	7.61
26 05 33 13-1783	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	64.53
	For Schedule 60, Add	5.54
	For Schedule 80, Add	9.34
26 05 33 13-1784	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	76.09
	For Schedule 60, Add	6.91
	For Schedule 80, Add	11.50
26 05 33 13-1785	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	95.57
	For Schedule 60, Add	10.27
	For Schedule 80, Add	16.42
26 05 33 13-1786	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	107.76
	For Schedule 60, Add	11.80
	For Schedule 80, Add	18.80

26 05 33 13-1787 Polyvinyl Chloride (PVC) Conduit Adapters, Direct Burial (26 05 33 13-1747)

26 05 33 13-1788	EA 1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	10.88
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.18
26 05 33 13-1789	EA 3/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	12.48
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.63
26 05 33 13-1790	EA 1" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	14.13
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.09
26 05 33 13-1791	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	15.83
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.54
26 05 33 13-1792	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	17.39
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.00
26 05 33 13-1793	EA 2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	19.16
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.45
26 05 33 13-1794	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	22.46
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.13
26 05 33 13-1795	EA 3" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	25.53
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.81
26 05 33 13-1796	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	30.09
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94
26 05 33 13-1797	EA 4" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	33.97
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08
26 05 33 13-1798	EA 5" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	41.35
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.22
26 05 33 13-1799	EA 6" Polyvinyl Chloride (PVC) Conduit Adapter, Direct Burial	46.59
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.35

26 05 33 13-1800 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial (26 05 33 13-1747)

26 05 33 13-1801	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	18.95
26 05 33 13-1802	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.89
26 05 33 13-1803	EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	23.61
26 05 33 13-1804	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	26.39
26 05 33 13-1805	EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.16
26 05 33 13-1806	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	34.41
26 05 33 13-1807	EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	38.20
26 05 33 13-1808	EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	45.89
26 05 33 13-1809	EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	51.18

26 05 33 13-1810 Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial (26 05 33 13-1747)

26 05 33 13-1811	EA 1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	10.83
26 05 33 13-1812	EA 3/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	12.48
26 05 33 13-1813	EA 1" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	14.06
26 05 33 13-1814	EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Terminal Adapters, Direct Burial	15.71
26 05 33 13-1815	EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	17.28
26 05 33 13-1816	EA 2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	19.02
26 05 33 13-1817	EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	22.16
26 05 33 13-1818	EA 3" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	25.11
26 05 33 13-1819	EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	29.56

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

26 05 33 13-1820	EA	4"	Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	33.42	
26 05 33 13-1821	EA	5"	Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	40.27	
26 05 33 13-1822	EA	6"	Polyvinyl Chloride (PVC) Conduit Terminal Adapter, Direct Burial	45.30	

26 05 33 13-1823 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial (26 05 33 13-1746)
 Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).

26 05 33 13-1824 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial (26 05 33 13-1823)
 Note: Includes field bending for conduit up to 1".

26 05 33 13-1825	LF	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	8.60	1.65
			<i>For >250 To 500, Deduct</i>	-0.32	
			<i>For >500 To 1,000, Deduct</i>	-0.54	
			<i>For >1,000, Deduct</i>	-0.75	
26 05 33 13-1826	LF	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	9.67	2.05
			<i>For >250 To 500, Deduct</i>	-0.37	
			<i>For >500 To 1,000, Deduct</i>	-0.61	
			<i>For >1,000, Deduct</i>	-0.85	
26 05 33 13-1827	LF	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	11.92	2.28
			<i>For >250 To 500, Deduct</i>	-0.46	
			<i>For >500 To 1,000, Deduct</i>	-0.76	
			<i>For >1,000, Deduct</i>	-1.05	
26 05 33 13-1828	LF	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	14.43	3.07
			<i>For >250 To 500, Deduct</i>	-0.56	
			<i>For >500 To 1,000, Deduct</i>	-0.93	
			<i>For >1,000, Deduct</i>	-1.29	
26 05 33 13-1829	LF	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	16.98	3.46
			<i>For >250 To 500, Deduct</i>	-0.67	
			<i>For >500 To 1,000, Deduct</i>	-1.10	
			<i>For >1,000, Deduct</i>	-1.52	
26 05 33 13-1830	LF	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	21.54	3.77
			<i>For >250 To 500, Deduct</i>	-0.86	
			<i>For >500 To 1,000, Deduct</i>	-1.40	
			<i>For >1,000, Deduct</i>	-1.94	
26 05 33 13-1831	LF	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	31.35	5.65
			<i>For >250 To 500, Deduct</i>	-1.27	
			<i>For >500 To 1,000, Deduct</i>	-2.06	
			<i>For >1,000, Deduct</i>	-2.84	
26 05 33 13-1832	LF	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	40.38	7.08
			<i>For >250 To 500, Deduct</i>	-1.63	
			<i>For >500 To 1,000, Deduct</i>	-2.64	
			<i>For >1,000, Deduct</i>	-3.65	
26 05 33 13-1833	LF	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	49.82	7.47
			<i>For >250 To 500, Deduct</i>	-2.00	
			<i>For >500 To 1,000, Deduct</i>	-3.25	
			<i>For >1,000, Deduct</i>	-4.49	
26 05 33 13-1834	LF	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	59.14	8.25
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500 To 1,000, Deduct</i>	-3.85	
			<i>For >1,000, Deduct</i>	-5.32	
26 05 33 13-1835	LF	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	92.88	11.40
			<i>For >250 To 500, Deduct</i>	-3.90	
			<i>For >500 To 1,000, Deduct</i>	-6.22	
			<i>For >1,000, Deduct</i>	-8.54	
26 05 33 13-1836	LF	6"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial	124.09	14.94
			<i>For >250 To 500, Deduct</i>	-5.26	
			<i>For >500 To 1,000, Deduct</i>	-8.36	
			<i>For >1,000, Deduct</i>	-11.47	

26 05 33 13-1837 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial (26 05 33 13-1823)

26 05 33 13-1838	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	9.23	2.36
26 05 33 13-1839	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	11.03	3.15
26 05 33 13-1840	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	14.01	3.93
26 05 33 13-1841	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	15.81	4.32
26 05 33 13-1842	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	18.75	5.11
26 05 33 13-1843	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	24.27	5.89
26 05 33 13-1844	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	45.03	7.08
26 05 33 13-1845	EA	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	57.15	9.82
26 05 33 13-1846	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial	70.91	11.40
26 05 33 13-1847	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	87.69	15.72
26 05 33 13-1848	EA	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	226.54	21.61
26 05 33 13-1849	EA	6"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	229.14	12.18

26 05 33 13-1850 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial (26 05 33 13-1823)
 Note: 90, 45, or 30 degree.

26 05 33 13-1851	EA	1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	35.49	9.82
26 05 33 13-1852	EA	3/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	40.81	12.18

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1853	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	48.72	14.94
26 05 33 13-1854	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	57.77	17.29
26 05 33 13-1855	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	67.78	19.65
26 05 33 13-1856	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	82.98	21.61
26 05 33 13-1857	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	129.13	27.12
26 05 33 13-1858	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	193.56	36.94
26 05 33 13-1859	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	240.35	41.65
26 05 33 13-1860	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	274.46	54.23
26 05 33 13-1861	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	576.88	88.42
26 05 33 13-1862	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	908.67	132.83
26 05 33 13-1863 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>				
26 05 33 13-1864	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	86.06	14.94
26 05 33 13-1865	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	96.75	17.29
26 05 33 13-1866	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	110.46	19.65
26 05 33 13-1867	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	132.23	21.61
26 05 33 13-1868	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	184.87	27.12
26 05 33 13-1869 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>				
26 05 33 13-1870	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	96.16	14.94
26 05 33 13-1871	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	113.44	17.29
26 05 33 13-1872	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	122.43	19.65
26 05 33 13-1873	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	158.32	21.61
26 05 33 13-1874	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	210.02	27.12
26 05 33 13-1875	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	268.16	36.94
26 05 33 13-1876 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>				
26 05 33 13-1877	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	108.23	14.94
26 05 33 13-1878	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	122.13	17.29
26 05 33 13-1879	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	137.78	19.65
26 05 33 13-1880	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	166.97	21.61
26 05 33 13-1881	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	238.93	27.12
26 05 33 13-1882	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	302.10	36.94
26 05 33 13-1883	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	382.47	41.65
26 05 33 13-1884	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	429.30	54.23
26 05 33 13-1885 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>				
26 05 33 13-1886	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	129.09	14.94
26 05 33 13-1887	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	142.53	17.29
26 05 33 13-1888	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	160.94	19.65
26 05 33 13-1889	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	200.32	21.61
26 05 33 13-1890	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	290.66	27.12
26 05 33 13-1891	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	359.60	36.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1892 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	417.58	41.65
26 05 33 13-1893 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	493.75	54.23
26 05 33 13-1894 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1895 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	145.31	14.94
26 05 33 13-1896 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	161.51	17.29
26 05 33 13-1897 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	183.73	19.65
26 05 33 13-1898 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	229.35	21.61
26 05 33 13-1899 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	318.89	27.12
26 05 33 13-1900 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	405.59	36.94
26 05 33 13-1901 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	502.94	41.65
26 05 33 13-1902 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	552.92	54.23
26 05 33 13-1903 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	922.27	88.42
26 05 33 13-1904 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1905 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	166.54	14.94
26 05 33 13-1906 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	184.46	17.29
26 05 33 13-1907 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	208.72	19.65
26 05 33 13-1908 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	261.55	21.61
26 05 33 13-1909 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	365.93	27.12
26 05 33 13-1910 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	464.18	36.94
26 05 33 13-1911 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	545.71	41.65
26 05 33 13-1912 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	629.29	54.23
26 05 33 13-1913 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	975.80	88.42
26 05 33 13-1914 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,331.63	132.83
26 05 33 13-1915 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1916 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	196.08	14.94
26 05 33 13-1917 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	204.91	17.29
26 05 33 13-1918 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	242.16	19.65
26 05 33 13-1919 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	306.37	21.61
26 05 33 13-1920 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	429.35	27.12
26 05 33 13-1921 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	543.18	36.94
26 05 33 13-1922 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	664.62	41.65
26 05 33 13-1923 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	777.88	54.23
26 05 33 13-1924 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,150.40	88.42
26 05 33 13-1925 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,411.78	132.83
26 05 33 13-1926 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1927 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	203.20	14.94
26 05 33 13-1928 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	239.50	17.29
26 05 33 13-1929 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	271.09	19.65
26 05 33 13-1930 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	319.86	21.61

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1931	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	445.19	27.12
26 05 33 13-1932	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	567.47	36.94
26 05 33 13-1933	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	729.38	41.65
26 05 33 13-1934	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	811.58	54.23
26 05 33 13-1935	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,197.30	88.42
26 05 33 13-1936	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,452.50	132.83
26 05 33 13-1937		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1938	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	66.87	9.82
26 05 33 13-1939	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	72.44	12.18
26 05 33 13-1940	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	94.31	14.94
26 05 33 13-1941	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	138.32	17.29
26 05 33 13-1942	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	164.41	19.65
26 05 33 13-1943	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	209.96	21.61
26 05 33 13-1944	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	279.96	27.12
26 05 33 13-1945	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	365.43	27.12
26 05 33 13-1946	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	469.33	41.65
26 05 33 13-1947	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	604.12	54.23
26 05 33 13-1948	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,103.29	88.42
26 05 33 13-1949	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,369.04	132.83
26 05 33 13-1950		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1951	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	68.46	9.82
26 05 33 13-1952	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	78.51	12.18
26 05 33 13-1953	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	97.55	14.94
26 05 33 13-1954	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	144.26	17.29
26 05 33 13-1955	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	172.66	19.65
26 05 33 13-1956	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	227.78	21.61
26 05 33 13-1957	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	318.09	27.12
26 05 33 13-1958	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	404.20	27.12
26 05 33 13-1959	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	539.42	41.65
26 05 33 13-1960	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	673.95	54.23
26 05 33 13-1961	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	1,231.29	88.42
26 05 33 13-1962	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	1,575.73	132.83
26 05 33 13-1963		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial <small>(26 05 33 13-1823)</small>		
26 05 33 13-1964	EA	1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	22.82	4.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33 13-1965	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.44	5.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33 13-1966	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.34	7.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.48	
26 05 33 13-1967	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.00	8.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.19	
26 05 33 13-1968	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.94	9.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1969 EA 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.33	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-1970 EA 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.27	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-1971 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	31.19	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-1972 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.96	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-1973 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.05	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-1974 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	43.31	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-1975 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	25.46	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-1976 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.39	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-1977 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	31.41	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-1978 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.21	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-1979 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.30	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-1980 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	43.97	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-1981 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.20	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-1982 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.13	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-1983 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.28	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-1984 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	38.27	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-1985 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	41.47	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-1986 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	46.02	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-1987 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	64.84	13.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02	
26 05 33 13-1988 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	83.59	18.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08	
26 05 33 13-1989 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	27.32	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-1990 EA 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.37	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-1991 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.54	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-1992 EA 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.33	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-1993 EA 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	42.65	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-1994 EA 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	48.07	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-1995 EA 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	66.66	13.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02	
26 05 33 13-1996 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	87.49	18.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08	
26 05 33 13-1997 EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	104.69	20.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50	
26 05 33 13-1998 EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	121.67	27.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1999	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	27.56		5.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07		
26 05 33 13-2000	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	29.63		5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54		
26 05 33 13-2001	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.81		7.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48		
26 05 33 13-2002	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.83		8.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19		
26 05 33 13-2003	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.16		9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90		
26 05 33 13-2004	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.19		11.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60		
26 05 33 13-2005	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	73.86		13.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02		
26 05 33 13-2006	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	93.32		18.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08		
26 05 33 13-2007	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	105.94		20.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50		
26 05 33 13-2008	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	125.00		27.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27		
26 05 33 13-2009	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	184.74		37.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.40		
26 05 33 13-2010	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	28.02		5.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07		
26 05 33 13-2011	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.08		5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54		
26 05 33 13-2012	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	34.30		7.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48		
26 05 33 13-2013	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.74		8.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19		
26 05 33 13-2014	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.26		9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90		
26 05 33 13-2015	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.30		11.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60		
26 05 33 13-2016	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	81.18		13.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02		
26 05 33 13-2017	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	101.08		18.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08		
26 05 33 13-2018	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	112.92		20.83
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50		
26 05 33 13-2019	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	136.78		27.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27		
26 05 33 13-2020	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	202.36		37.33
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.40		
26 05 33 13-2021	EA	1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	28.73		5.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07		
26 05 33 13-2022	EA	3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.78		5.89
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54		
26 05 33 13-2023	EA	1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.40		7.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48		
26 05 33 13-2024	EA	1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.98		8.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19		
26 05 33 13-2025	EA	1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.49		9.82
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90		
26 05 33 13-2026	EA	2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.75		11.01
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60		
26 05 33 13-2027	EA	2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	90.18		13.36
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02		
26 05 33 13-2028	EA	3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	111.69		18.47
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2029 EA 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	130.41	20.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50	
26 05 33 13-2030 EA 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	154.47	27.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27	
26 05 33 13-2031 EA 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	214.44	37.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.40	
26 05 33 13-2032 EA 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.48	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-2033 EA 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	31.51	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-2034 EA 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	36.48	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-2035 EA 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	44.27	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-2036 EA 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	51.79	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-2037 EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	63.77	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-2038 EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	99.70	13.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02	
26 05 33 13-2039 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	125.28	18.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08	
26 05 33 13-2040 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	148.78	20.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50	
26 05 33 13-2041 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	185.43	27.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27	
26 05 33 13-2042 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	238.53	37.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.40	
26 05 33 13-2043 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	30.25	5.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.07	
26 05 33 13-2044 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.37	5.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33 13-2045 EA 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	39.22	7.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-2046 EA 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	49.69	8.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33 13-2047 EA 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	58.21	9.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-2048 EA 2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	70.20	11.01
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-2049 EA 2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	112.39	13.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.02	
26 05 33 13-2050 EA 3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	145.66	18.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.08	
26 05 33 13-2051 EA 3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	160.05	20.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.50	
26 05 33 13-2052 EA 4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	194.92	27.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.27	
26 05 33 13-2053 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	241.97	37.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.40	
26 05 33 13-2054 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1746)</small>		
Note: Direct burial or encased application.		
26 05 33 13-2055 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-2054)</small>		
26 05 33 13-2056 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	4.26	0.98
For Work In Restricted Working Space, Add	0.74	
26 05 33 13-2057 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	4.67	1.06
For Work In Restricted Working Space, Add	0.79	
26 05 33 13-2058 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	4.98	1.13
For Work In Restricted Working Space, Add	0.85	
26 05 33 13-2059 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial.....	5.28	1.21
For Work In Restricted Working Space, Add	0.91	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2060	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.67	1.28
		<i>For Work In Restricted Working Space, Add</i>	0.97	
26 05 33 13-2061	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	5.92	1.36
		<i>For Work In Restricted Working Space, Add</i>	1.02	
26 05 33 13-2062	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	6.61	1.44
		<i>For Work In Restricted Working Space, Add</i>	1.08	
26 05 33 13-2063	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	7.40	1.51
		<i>For Work In Restricted Working Space, Add</i>	1.14	
26 05 33 13-2064	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.04	1.59
		<i>For Work In Restricted Working Space, Add</i>	1.19	
26 05 33 13-2065	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.68	1.66
		<i>For Work In Restricted Working Space, Add</i>	1.25	
26 05 33 13-2066	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.99	1.74
		<i>For Work In Restricted Working Space, Add</i>	1.31	
26 05 33 13-2067	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.59	1.81
		<i>For Work In Restricted Working Space, Add</i>	1.36	

26 05 33 13-2068 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-2054)

26 05 33 13-2069	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	52.24	7.57
		<i>For Work In Restricted Working Space, Add</i>	5.68	
		<i>For 24" Radius, Add</i>	3.45	
		<i>For 36" Radius, Add</i>	5.22	
		<i>For 48" Radius, Add</i>	7.00	
26 05 33 13-2070	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	60.01	9.08
		<i>For Work In Restricted Working Space, Add</i>	6.81	
		<i>For 24" Radius, Add</i>	3.93	
		<i>For 36" Radius, Add</i>	6.00	
		<i>For 48" Radius, Add</i>	8.07	
26 05 33 13-2071	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	64.16	10.60
		<i>For Work In Restricted Working Space, Add</i>	7.94	
		<i>For 24" Radius, Add</i>	4.15	
		<i>For 36" Radius, Add</i>	6.42	
		<i>For 48" Radius, Add</i>	8.68	
26 05 33 13-2072	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	68.32	12.11
		<i>For Work In Restricted Working Space, Add</i>	9.08	
		<i>For 24" Radius, Add</i>	4.37	
		<i>For 36" Radius, Add</i>	6.83	
		<i>For 48" Radius, Add</i>	9.30	
26 05 33 13-2073	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	72.49	13.62
		<i>For Work In Restricted Working Space, Add</i>	10.22	
		<i>For 24" Radius, Add</i>	4.59	
		<i>For 36" Radius, Add</i>	7.25	
		<i>For 48" Radius, Add</i>	9.91	
26 05 33 13-2074	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	81.57	15.13
		<i>For Work In Restricted Working Space, Add</i>	11.35	
		<i>For 24" Radius, Add</i>	5.17	
		<i>For 36" Radius, Add</i>	8.16	
		<i>For 48" Radius, Add</i>	11.14	
26 05 33 13-2075	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	93.97	16.65
		<i>For Work In Restricted Working Space, Add</i>	12.49	
		<i>For 24" Radius, Add</i>	6.01	
		<i>For 36" Radius, Add</i>	9.40	
		<i>For 48" Radius, Add</i>	12.79	
26 05 33 13-2076	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	108.21	18.16
		<i>For Work In Restricted Working Space, Add</i>	13.62	
		<i>For 24" Radius, Add</i>	6.98	
		<i>For 36" Radius, Add</i>	10.82	
		<i>For 48" Radius, Add</i>	14.66	
26 05 33 13-2077	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	123.64	21.19
		<i>For Work In Restricted Working Space, Add</i>	15.89	
		<i>For 24" Radius, Add</i>	7.95	
		<i>For 36" Radius, Add</i>	12.36	
		<i>For 48" Radius, Add</i>	16.78	
26 05 33 13-2078	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	139.05	27.24
		<i>For Work In Restricted Working Space, Add</i>	18.16	
		<i>For 24" Radius, Add</i>	8.92	
		<i>For 36" Radius, Add</i>	13.91	
		<i>For 48" Radius, Add</i>	18.89	
26 05 33 13-2079	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	166.25	27.24
		<i>For Work In Restricted Working Space, Add</i>	20.43	
		<i>For 24" Radius, Add</i>	10.77	
		<i>For 36" Radius, Add</i>	16.63	
		<i>For 48" Radius, Add</i>	22.48	

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

26 05 33 13-2080	EA	6"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	198.35	30.27
				<i>For Work In Restricted Working Space, Add</i>	22.70	
				<i>For 24" Radius, Add</i>	12.98	
				<i>For 36" Radius, Add</i>	19.84	
				<i>For 48" Radius, Add</i>	26.69	

26 05 33 13-2081 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-2054)

26 05 33 13-2082	EA	1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	24.39	4.24
				<i>For Work In Restricted Working Space, Add</i>	3.18	
26 05 33 13-2083	EA	3/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	27.48	4.85
				<i>For Work In Restricted Working Space, Add</i>	3.63	
26 05 33 13-2084	EA	1"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	29.15	5.45
				<i>For Work In Restricted Working Space, Add</i>	4.09	
26 05 33 13-2085	EA	1-1/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	30.79	6.05
				<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-2086	EA	1-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	32.63	6.66
				<i>For Work In Restricted Working Space, Add</i>	5.00	
26 05 33 13-2087	EA	2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	37.18	7.26
				<i>For Work In Restricted Working Space, Add</i>	5.45	
26 05 33 13-2088	EA	2-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	43.33	8.17
				<i>For Work In Restricted Working Space, Add</i>	6.13	
26 05 33 13-2089	EA	3"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	50.19	9.08
				<i>For Work In Restricted Working Space, Add</i>	6.81	
26 05 33 13-2090	EA	3-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	57.39	10.60
				<i>For Work In Restricted Working Space, Add</i>	7.94	
26 05 33 13-2091	EA	4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	64.62	12.11
				<i>For Work In Restricted Working Space, Add</i>	9.08	
26 05 33 13-2092	EA	5"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	76.99	13.62
				<i>For Work In Restricted Working Space, Add</i>	10.22	
26 05 33 13-2093	EA	6"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	91.49	15.13
				<i>For Work In Restricted Working Space, Add</i>	11.35	

26 05 33 13-2094 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-2054)

26 05 33 13-2095	EA	1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	18.38	4.24
				<i>For Work In Restricted Working Space, Add</i>	3.18	
26 05 33 13-2096	EA	3/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	20.76	4.85
				<i>For Work In Restricted Working Space, Add</i>	3.63	
26 05 33 13-2097	EA	1"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	22.36	5.45
				<i>For Work In Restricted Working Space, Add</i>	4.09	
26 05 33 13-2098	EA	1-1/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	23.96	6.05
				<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-2099	EA	1-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	25.57	6.66
				<i>For Work In Restricted Working Space, Add</i>	5.00	
26 05 33 13-2100	EA	2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	27.14	7.26
				<i>For Work In Restricted Working Space, Add</i>	5.45	
26 05 33 13-2101	EA	2-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	31.20	8.17
				<i>For Work In Restricted Working Space, Add</i>	6.13	
26 05 33 13-2102	EA	3"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	35.64	9.08
				<i>For Work In Restricted Working Space, Add</i>	6.81	
26 05 33 13-2103	EA	3-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	41.02	10.60
				<i>For Work In Restricted Working Space, Add</i>	7.94	
26 05 33 13-2104	EA	4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	46.43	12.11
				<i>For Work In Restricted Working Space, Add</i>	9.08	
26 05 33 13-2105	EA	5"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	54.28	13.62
				<i>For Work In Restricted Working Space, Add</i>	10.22	
26 05 33 13-2106	EA	6"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	63.09	15.13
				<i>For Work In Restricted Working Space, Add</i>	11.35	

26 05 33 13-2107 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-2054)

26 05 33 13-2108	EA	1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	15.73	2.42
				<i>For Work In Restricted Working Space, Add</i>	1.82	
26 05 33 13-2109	EA	3/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	17.57	2.72
				<i>For Work In Restricted Working Space, Add</i>	2.04	
26 05 33 13-2110	EA	1"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	18.44	3.02
				<i>For Work In Restricted Working Space, Add</i>	2.27	
26 05 33 13-2111	EA	1-1/4"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	19.26	3.33
				<i>For Work In Restricted Working Space, Add</i>	2.50	
26 05 33 13-2112	EA	1-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	20.27	3.64
				<i>For Work In Restricted Working Space, Add</i>	2.72	
26 05 33 13-2113	EA	2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	23.92	4.24
				<i>For Work In Restricted Working Space, Add</i>	3.18	
26 05 33 13-2114	EA	2-1/2"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	28.84	5.15
				<i>For Work In Restricted Working Space, Add</i>	3.86	
26 05 33 13-2115	EA	3"	Fiberglass Reinforced Epoxy (FRE)	Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	34.30	6.05
				<i>For Work In Restricted Working Space, Add</i>	4.54	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-2116	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	40.48	7.57
		<i>For Work In Restricted Working Space, Add</i>	5.68	
26 05 33 13-2117	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	46.67	9.08
		<i>For Work In Restricted Working Space, Add</i>	6.81	
26 05 33 13-2118	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	56.42	10.60
		<i>For Work In Restricted Working Space, Add</i>	7.94	
26 05 33 13-2119	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial	67.71	12.11
		<i>For Work In Restricted Working Space, Add</i>	9.08	
26 05 33 13-2120		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints		
		<small>(26 05 33 13-2054)</small>		
26 05 33 13-2121	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	48.50	15.13
		<i>For Work In Restricted Working Space, Add</i>	11.35	
26 05 33 13-2122	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	57.23	18.16
		<i>For Work In Restricted Working Space, Add</i>	13.62	
26 05 33 13-2123	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	64.94	21.19
		<i>For Work In Restricted Working Space, Add</i>	15.89	
26 05 33 13-2124	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	72.58	24.22
		<i>For Work In Restricted Working Space, Add</i>	18.16	
26 05 33 13-2125	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	76.64	25.73
		<i>For Work In Restricted Working Space, Add</i>	19.30	
26 05 33 13-2126	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	82.76	27.24
		<i>For Work In Restricted Working Space, Add</i>	20.43	
26 05 33 13-2127	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	89.49	28.76
		<i>For Work In Restricted Working Space, Add</i>	21.57	
26 05 33 13-2128	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	96.79	30.27
		<i>For Work In Restricted Working Space, Add</i>	22.70	
26 05 33 13-2129	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	103.20	31.78
		<i>For Work In Restricted Working Space, Add</i>	23.84	
26 05 33 13-2130	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	109.63	33.29
		<i>For Work In Restricted Working Space, Add</i>	24.98	
26 05 33 13-2131	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	120.00	34.82
		<i>For Work In Restricted Working Space, Add</i>	26.11	
26 05 33 13-2132	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial	132.04	36.33
		<i>For Work In Restricted Working Space, Add</i>	27.25	
26 05 33 13-2133		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints		
		<small>(26 05 33 13-2054)</small>		
26 05 33 13-2134	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	52.83	15.13
		<i>For Work In Restricted Working Space, Add</i>	11.35	
26 05 33 13-2135	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	62.08	18.16
		<i>For Work In Restricted Working Space, Add</i>	13.62	
26 05 33 13-2136	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	69.82	21.19
		<i>For Work In Restricted Working Space, Add</i>	15.89	
26 05 33 13-2137	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	77.51	24.22
		<i>For Work In Restricted Working Space, Add</i>	18.16	
26 05 33 13-2138	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	81.62	25.73
		<i>For Work In Restricted Working Space, Add</i>	19.30	
26 05 33 13-2139	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	88.44	27.24
		<i>For Work In Restricted Working Space, Add</i>	20.43	
26 05 33 13-2140	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	96.30	28.76
		<i>For Work In Restricted Working Space, Add</i>	21.57	
26 05 33 13-2141	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	104.96	30.27
		<i>For Work In Restricted Working Space, Add</i>	22.70	
26 05 33 13-2142	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	112.41	31.78
		<i>For Work In Restricted Working Space, Add</i>	23.84	
26 05 33 13-2143	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	119.86	33.29
		<i>For Work In Restricted Working Space, Add</i>	24.98	
26 05 33 13-2144	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	132.83	34.82
		<i>For Work In Restricted Working Space, Add</i>	26.11	
26 05 33 13-2145	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial	148.07	36.33
		<i>For Work In Restricted Working Space, Add</i>	27.25	
26 05 33 13-2146		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters		
		<small>(26 05 33 13-2054)</small>		
26 05 33 13-2147	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	46.25	4.24
		<i>For Work In Restricted Working Space, Add</i>	3.18	
26 05 33 13-2148	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	51.72	4.85
		<i>For Work In Restricted Working Space, Add</i>	3.63	
26 05 33 13-2149	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	54.44	5.45
		<i>For Work In Restricted Working Space, Add</i>	4.09	
26 05 33 13-2150	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	57.22	6.05
		<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-2151	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	59.40	6.66
		<i>For Work In Restricted Working Space, Add</i>	5.00	
26 05 33 13-2152	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	64.98	7.26
		<i>For Work In Restricted Working Space, Add</i>	5.45	
26 05 33 13-2153	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	76.62	8.17
		<i>For Work In Restricted Working Space, Add</i>	6.13	
26 05 33 13-2154	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	90.10	9.08
		<i>For Work In Restricted Working Space, Add</i>	6.81	
26 05 33 13-2155	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	114.51	12.11
		<i>For Work In Restricted Working Space, Add</i>	9.08	
26 05 33 13-2156	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial	139.39	13.62
		<i>For Work In Restricted Working Space, Add</i>	10.22	

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

26 05 33 13-2157	EA			6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	168.69 11.35	15.13
------------------	----	--	--	--	-----------------	-------

26 05 33 13-2158 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints (26 05 33 13-2054)

26 05 33 13-2159	EA			1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	60.36 11.35	15.13
26 05 33 13-2160	EA			3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	70.43 13.62	18.16
26 05 33 13-2161	EA			1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	83.90 15.89	21.19
26 05 33 13-2162	EA			1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	102.23 18.16	24.22
26 05 33 13-2163	EA			1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	121.48 19.30	25.73
26 05 33 13-2164	EA			2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	152.81 20.43	27.24
26 05 33 13-2165	EA			2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	205.18 21.57	28.76
26 05 33 13-2166	EA			3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	240.95 22.70	30.27
26 05 33 13-2167	EA			3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	282.72 23.84	31.78
26 05 33 13-2168	EA			4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	324.49 24.98	33.29
26 05 33 13-2169	EA			5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	373.59 26.11	34.82
26 05 33 13-2170	EA			6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	577.31 27.25	36.33

26 05 33 13-2171 Spacers (26 05 33 13-1746)

Note: For concrete encasement applications. See CSI section 03 31 13 00-0045 for concrete., 26 05 33 13-1746 for conduit.

26 05 33 13-2172	EA			1" Base Spacers, Average 4" Wide, Direct Burial 7.78		
26 05 33 13-2173	EA			1" Intermediate Spacers, Average 4" Wide, Direct Burial 8.39		
26 05 33 13-2174	EA			1-1/4" Base Spacer, Average 4" Wide, Direct Burial 9.29		
26 05 33 13-2175	EA			1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial 10.03		
26 05 33 13-2176	EA			1-1/2" Base Spacer, Average 4" Wide, Direct Burial 9.35		
26 05 33 13-2177	EA			1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial 10.08		
26 05 33 13-2178	EA			2" Base Spacer, Average 4" Wide, Direct Burial 11.67		
26 05 33 13-2179	EA			2" Intermediate Spacers, Average 4" Wide, Direct Burial 10.84		
26 05 33 13-2180	EA			2-1/2" Base Spacer, Average 4" Wide, Direct Burial 12.92		
26 05 33 13-2181	EA			2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial 12.48		
26 05 33 13-2182	EA			3" Base Spacer, Average 4" Wide, Direct Burial 14.81		
26 05 33 13-2183	EA			3" Intermediate Spacers, Average 4" Wide, Direct Burial 14.11		
26 05 33 13-2184	EA			3-1/2" Base Spacer, Average 4" Wide, Direct Burial 16.04		
26 05 33 13-2185	EA			3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial 15.33		
26 05 33 13-2186	EA			4" Base Spacer, Average 4" Wide, Direct Burial 16.52		
26 05 33 13-2187	EA			4" Intermediate Spacers, Average 4" Wide, Direct Burial 15.76		
26 05 33 13-2188	EA			5" Base Spacer, Average 4" Wide, Direct Burial 18.26		
26 05 33 13-2189	EA			5" Intermediate Spacers, Average 4" Wide, Direct Burial 17.37		
26 05 33 13-2190	EA			6" Base Spacer, Average 4" Wide, Direct Burial 20.42		
26 05 33 13-2191	EA			6" Intermediate Spacers, Average 4" Wide, Direct Burial 19.68		

26 05 33 13-2192 Conduit Field Bending (26 05 33 13-0040)

26 05 33 13-2193 Metallic Conduit Field Bending (26 05 33 13-2192)

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.

26 05 33 13-2194	EA			1-1/4" Metallic Conduit Field Bending 13.25		
26 05 33 13-2195	EA			1-1/2" Metallic Conduit Field Bending 17.66		
26 05 33 13-2196	EA			2" Metallic Conduit Field Bending 22.08		
26 05 33 13-2197	EA			2-1/2" Metallic Conduit Field Bending 30.91		
26 05 33 13-2198	EA			3" Metallic Conduit Field Bending 39.75		
26 05 33 13-2199	EA			3-1/2" Metallic Conduit Field Bending 48.59		
26 05 33 13-2200	EA			4" Metallic Conduit Field Bending 57.42		
26 05 33 13-2201	EA			5" Metallic Conduit Field Bending 70.67		
26 05 33 13-2202	EA			6" Metallic Conduit Field Bending 83.92		

26 05 33 13-2203 Plastic Conduit Field Bending (26 05 33 13-2192)

Note: For PVC conduits.

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 13-2204	EA	1" Plastic Conduit Field Bending.....	20.32	
26 05 33 13-2205	EA	1-1/4" Plastic Conduit Field Bending.....	22.08	
26 05 33 13-2206	EA	1-1/2" Plastic Conduit Field Bending.....	26.50	
26 05 33 13-2207	EA	2" Plastic Conduit Field Bending.....	35.33	
26 05 33 13-2208	EA	2-1/2" Plastic Conduit Field Bending.....	44.17	
26 05 33 13-2209	EA	3" Plastic Conduit Field Bending.....	53.00	
26 05 33 13-2210	EA	3-1/2" Plastic Conduit Field Bending.....	61.84	
26 05 33 13-2211	EA	4" Plastic Conduit Field Bending.....	70.67	
26 05 33 13-2212	EA	5" Plastic Conduit Field Bending.....	79.50	
26 05 33 13-2213	EA	6" Plastic Conduit Field Bending.....	88.33	

26 05 33 13-2214 Cut And Thread Existing In-Place Threaded Conduit (26 05 33 13-0040)

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2215	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	25.84	
		<i>For Work In Restricted Working Space, Add</i>	7.75	
26 05 33 13-2216	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	28.42	
		<i>For Work In Restricted Working Space, Add</i>	8.53	
26 05 33 13-2217	EA	1", Cut And Thread Existing In-Place Threaded Conduit	31.00	
		<i>For Work In Restricted Working Space, Add</i>	9.30	
26 05 33 13-2218	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	33.59	
		<i>For Work In Restricted Working Space, Add</i>	10.08	
26 05 33 13-2219	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	35.30	
		<i>For Work In Restricted Working Space, Add</i>	10.59	
26 05 33 13-2220	EA	2", Cut And Thread Existing In-Place Threaded Conduit	37.03	
		<i>For Work In Restricted Working Space, Add</i>	11.11	
26 05 33 13-2221	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	38.75	
		<i>For Work In Restricted Working Space, Add</i>	11.63	
26 05 33 13-2222	EA	3", Cut And Thread Existing In-Place Threaded Conduit	40.47	
		<i>For Work In Restricted Working Space, Add</i>	12.14	
26 05 33 13-2223	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	41.33	
		<i>For Work In Restricted Working Space, Add</i>	12.40	
26 05 33 13-2224	EA	4", Cut And Thread Existing In-Place Threaded Conduit	42.19	
		<i>For Work In Restricted Working Space, Add</i>	12.66	
26 05 33 13-2225	EA	5", Cut And Thread Existing In-Place Threaded Conduit	43.91	
		<i>For Work In Restricted Working Space, Add</i>	13.17	
26 05 33 13-2226	EA	6", Cut And Thread Existing In-Place Threaded Conduit	45.64	
		<i>For Work In Restricted Working Space, Add</i>	13.69	

26 05 33 13-2227 Flexible Conduit (26 05 33 13-0040)

26 05 33 13-2228 Flexible Liquid Tight Metallic Conduit And Connectors (26 05 33 13-2227)

Note: Steel inner core with PVC cover.

26 05 33 13-2229 Flexible Liquid Tight Metallic Conduit (26 05 33 13-2228)

26 05 33 13-2230	LF	3/8" Flexible Liquid Tight Metallic Conduit	3.39	0.94
		<i>For Work In Restricted Working Space, Add</i>	0.71	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.35	
26 05 33 13-2231	LF	1/2" Flexible Liquid Tight Metallic Conduit	3.54	0.94
		<i>For Work In Restricted Working Space, Add</i>	0.71	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.35	
26 05 33 13-2232	LF	3/4" Flexible Liquid Tight Metallic Conduit	4.75	1.25
		<i>For Work In Restricted Working Space, Add</i>	0.95	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
26 05 33 13-2233	LF	1" Flexible Liquid Tight Metallic Conduit	5.56	1.25
		<i>For Work In Restricted Working Space, Add</i>	0.95	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.47	
26 05 33 13-2234	LF	1-1/4" Flexible Liquid Tight Metallic Conduit	7.22	1.57
		<i>For Work In Restricted Working Space, Add</i>	1.18	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.59	
26 05 33 13-2235	LF	1-1/2" Flexible Liquid Tight Metallic Conduit	9.33	1.88
		<i>For Work In Restricted Working Space, Add</i>	1.41	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.71	
26 05 33 13-2236	LF	2" Flexible Liquid Tight Metallic Conduit	12.27	2.52
		<i>For Work In Restricted Working Space, Add</i>	1.89	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.94	
26 05 33 13-2237	LF	2-1/2" Flexible Liquid Tight Metallic Conduit	16.95	2.83
		<i>For Work In Restricted Working Space, Add</i>	2.12	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.06	
26 05 33 13-2238	LF	3" Flexible Liquid Tight Metallic Conduit	25.24	3.46
		<i>For Work In Restricted Working Space, Add</i>	2.59	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.30	
26 05 33 13-2239	LF	4" Flexible Liquid Tight Metallic Conduit	34.71	4.40
		<i>For Work In Restricted Working Space, Add</i>	3.30	
		<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.65	

26 05 33 13-2240 Straight Connector (26 05 33 13-2228)

26 05 33 13-2241	EA	3/8" Straight Liquid Tight Connector	9.22	2.52
		<i>For Work In Restricted Working Space, Add</i>	1.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2242	EA	1/2" Straight Liquid Tight Connector	9.22	2.52
		<i>For Work In Restricted Working Space, Add</i>	1.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33 13-2243	EA	3/4" Straight Liquid Tight Connector	11.28	2.83
		<i>For Work In Restricted Working Space, Add</i>	2.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.12	

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

26 05 33	13-2244	EA	1" Straight Liquid Tight Connector.....	15.35	3.15
			For Work In Restricted Working Space, Add	2.36	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.36	
26 05 33	13-2245	EA	1-1/4" Straight Liquid Tight Connector.....	19.96	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.59	
26 05 33	13-2246	EA	1-1/2" Straight Liquid Tight Connector.....	25.58	3.77
			For Work In Restricted Working Space, Add	2.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33	13-2247	EA	2" Straight Liquid Tight Connector.....	35.61	4.40
			For Work In Restricted Working Space, Add	3.30	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.30	
26 05 33	13-2248	EA	2-1/2" Straight Liquid Tight Connector.....	125.83	5.65
			For Work In Restricted Working Space, Add	4.25	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.25	
26 05 33	13-2249	EA	3" Straight Liquid Tight Connector.....	162.85	5.97
			For Work In Restricted Working Space, Add	4.48	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33	13-2250	EA	4" Straight Liquid Tight Connector.....	198.64	8.80
			For Work In Restricted Working Space, Add	6.60	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.60	
26 05 33 13-2251		90 Degree Angle Connector (26 05 33 13-2228)			
26 05 33	13-2252	EA	3/8" 90 Degree Angle Liquid Tight Connector.....	13.53	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.59	
26 05 33	13-2253	EA	1/2" 90 Degree Angle Liquid Tight Connector.....	14.16	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.59	
26 05 33	13-2254	EA	3/4" 90 Degree Angle Liquid Tight Connector.....	16.07	3.77
			For Work In Restricted Working Space, Add	2.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33	13-2255	EA	1" 90 Degree Angle Liquid Tight Connector.....	23.08	4.40
			For Work In Restricted Working Space, Add	3.30	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.30	
26 05 33	13-2256	EA	1-1/4" 90 Degree Angle Liquid Tight Connector.....	29.45	4.71
			For Work In Restricted Working Space, Add	3.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33	13-2257	EA	1-1/2" 90 Degree Angle Liquid Tight Connector.....	36.02	5.03
			For Work In Restricted Working Space, Add	3.77	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.77	
26 05 33	13-2258	EA	2" 90 Degree Angle Liquid Tight Connector.....	48.11	5.65
			For Work In Restricted Working Space, Add	4.25	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.25	
26 05 33	13-2259	EA	2-1/2" 90 Degree Angle Liquid Tight Connector.....	176.67	5.97
			For Work In Restricted Working Space, Add	4.48	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33	13-2260	EA	3" 90 Degree Angle Liquid Tight Connector.....	208.81	6.92
			For Work In Restricted Working Space, Add	5.19	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.19	
26 05 33	13-2261	EA	4" 90 Degree Angle Liquid Tight Connector.....	288.22	11.01
			For Work In Restricted Working Space, Add	8.25	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.25	
26 05 33 13-2262		45 Degree Angle Connector (26 05 33 13-2228)			
26 05 33	13-2263	EA	3/8" 45 Degree Angle Liquid Tight Connector.....	13.32	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.59	
26 05 33	13-2264	EA	1/2" 45 Degree Angle Liquid Tight Connector.....	13.47	3.46
			For Work In Restricted Working Space, Add	2.59	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.59	
26 05 33	13-2265	EA	3/4" 45 Degree Angle Liquid Tight Connector.....	16.07	3.77
			For Work In Restricted Working Space, Add	2.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33	13-2266	EA	1" 45 Degree Angle Liquid Tight Connector.....	24.80	4.40
			For Work In Restricted Working Space, Add	3.30	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.30	
26 05 33	13-2267	EA	1-1/4" 45 Degree Angle Liquid Tight Connector.....	28.33	4.71
			For Work In Restricted Working Space, Add	3.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.54	
26 05 33	13-2268	EA	1-1/2" 45 Degree Angle Liquid Tight Connector.....	31.86	5.03
			For Work In Restricted Working Space, Add	3.77	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.77	
26 05 33 13-2269	Flexible Metallic Conduit And Connectors (26 05 33 13-2227)				
26 05 33 13-2270	Flexible Steel Conduit (26 05 33 13-2269)				
26 05 33	13-2271	LF	3/8" Flexible Metallic Conduit.....	3.06	1.03
			For Work In Restricted Working Space, Add	0.76	
			For Installation In Metal Stud Wall, Add	0.25	
			For Installation In Wood Stud Wall (Includes Drilling), Add	0.63	
			For Flexible Aluminum Conduit, Add	0.09	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.38	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2272	LF 1/2" Flexible Metallic Conduit.....	3.17	1.03
	For Work In Restricted Working Space, Add	0.77	
	For Installation In Metal Stud Wall, Add	0.26	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.65	
	For Flexible Aluminum Conduit, Add	0.10	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.39	
26 05 33 13-2273	LF 3/4" Flexible Metallic Conduit.....	3.61	1.37
	For Work In Restricted Working Space, Add	0.84	
	For Installation In Metal Stud Wall, Add	0.28	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.70	
	For Flexible Aluminum Conduit, Add	0.13	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.42	
26 05 33 13-2274	LF 1" Flexible Metallic Conduit.....	4.52	1.37
	For Work In Restricted Working Space, Add	0.90	
	For Installation In Metal Stud Wall, Add	0.30	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.75	
	For Flexible Aluminum Conduit, Add	0.25	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.45	
26 05 33 13-2275	LF 1-1/4" Flexible Metallic Conduit.....	5.14	1.72
	For Work In Restricted Working Space, Add	0.95	
	For Installation In Metal Stud Wall, Add	0.32	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.80	
	For Flexible Aluminum Conduit, Add	0.32	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.48	
26 05 33 13-2276	LF 1-1/2" Flexible Metallic Conduit.....	6.75	2.06
	For Work In Restricted Working Space, Add	0.99	
	For Installation In Metal Stud Wall, Add	0.33	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.83	
	For Flexible Aluminum Conduit, Add	0.57	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.50	
26 05 33 13-2277	LF 2" Flexible Metallic Conduit.....	7.66	2.76
	For Work In Restricted Working Space, Add	1.03	
	For Installation In Metal Stud Wall, Add	0.34	
	For Installation In Wood Stud Wall (Includes Drilling), Add	0.86	
	For Flexible Aluminum Conduit, Add	0.70	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.52	
26 05 33 13-2278	LF 2-1/2" Flexible Steel Conduit.....	9.41	3.10
	For Work In Restricted Working Space, Add	1.29	
	For Installation In Metal Stud Wall, Add	0.43	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.08	
	For Flexible Aluminum Conduit, Add	0.84	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.65	
26 05 33 13-2279	LF 3" Flexible Metallic Conduit.....	14.03	3.78
	For Work In Restricted Working Space, Add	1.55	
	For Installation In Metal Stud Wall, Add	0.52	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.29	
	For Flexible Aluminum Conduit, Add	1.46	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.77	
26 05 33 13-2280	LF 3-1/2" Flexible Metallic Conduit.....	17.19	4.13
	For Work In Restricted Working Space, Add	1.80	
	For Installation In Metal Stud Wall, Add	0.60	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.50	
	For Flexible Aluminum Conduit, Add	1.84	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.90	
26 05 33 13-2281	LF 4" Flexible Metallic Conduit.....	19.77	4.81
	For Work In Restricted Working Space, Add	2.06	
	For Installation In Metal Stud Wall, Add	0.69	
	For Installation In Wood Stud Wall (Includes Drilling), Add	1.72	
	For Flexible Aluminum Conduit, Add	2.13	
	For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.03	
26 05 33 13-2282	Plain Squeeze Type Straight Connector (26 05 33 13-2269).....	5.23	
26 05 33 13-2283	EA 3/8" Flexible Straight Connectors, Plain.....	5.23	2.76
	For Work In Restricted Working Space, Add	1.16	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.16	
26 05 33 13-2284	EA 1/2" Flexible Straight Connectors, Plain.....	6.46	3.10
	For Work In Restricted Working Space, Add	1.29	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.29	
26 05 33 13-2285	EA 3/4" Flexible Straight Connectors, Plain.....	7.44	3.78
	For Work In Restricted Working Space, Add	1.55	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.55	
26 05 33 13-2286	EA 1" Flexible Straight Connectors, Plain.....	11.87	4.13
	For Work In Restricted Working Space, Add	2.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.06	
26 05 33 13-2287	EA 1-1/4" Flexible Straight Connectors, Plain.....	16.78	4.81
	For Work In Restricted Working Space, Add	2.58	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.58	
26 05 33 13-2288	EA 1-1/2" Flexible Straight Connectors, Plain.....	22.10	5.84
	For Work In Restricted Working Space, Add	3.22	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.22	
26 05 33 13-2289	EA 2" Flexible Straight Connectors, Plain.....	29.05	5.84
	For Work In Restricted Working Space, Add	3.87	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-2290	EA 2-1/2" Flexible Straight Connectors, Plain.....	46.77	7.23
	For Work In Restricted Working Space, Add	4.51	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.51	
26 05 33 13-2291	EA 3" Flexible Straight Connectors, Plain.....	61.19	7.91
	For Work In Restricted Working Space, Add	5.16	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2292 EA 3-1/2" Flexible Straight Connectors, Plain	189.47	9.28
For Work In Restricted Working Space, Add	5.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.80	
26 05 33 13-2293 EA 4" Flexible Straight Connectors, Plain	236.73	11.34
For Work In Restricted Working Space, Add	6.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.45	
26 05 33 13-2294 Insulated Throat Squeeze Type Straight Connector (26 05 33 13-2269)		
26 05 33 13-2295 EA 1/2" Flexible Straight Connectors, Insulated	7.20	3.10
For Work In Restricted Working Space, Add	1.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.29	
26 05 33 13-2296 EA 3/4" Flexible Straight Connectors, Insulated	8.41	3.78
For Work In Restricted Working Space, Add	1.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.55	
26 05 33 13-2297 EA 1" Flexible Straight Connectors, Insulated	13.19	4.13
For Work In Restricted Working Space, Add	2.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.06	
26 05 33 13-2298 EA 1-1/4" Flexible Straight Connectors, Insulated	19.22	4.81
For Work In Restricted Working Space, Add	2.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.58	
26 05 33 13-2299 EA 1-1/2" Flexible Straight Connectors, Insulated	26.44	5.16
For Work In Restricted Working Space, Add	3.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.22	
26 05 33 13-2300 EA 2" Flexible Straight Connectors, Insulated	36.72	5.84
For Work In Restricted Working Space, Add	3.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-2301 EA 2-1/2" Flexible Straight Connectors, Insulated	63.17	7.23
For Work In Restricted Working Space, Add	4.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.51	
26 05 33 13-2302 EA 3" Flexible Straight Connectors, Insulated	80.53	7.91
For Work In Restricted Working Space, Add	5.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.16	
26 05 33 13-2303 EA 3-1/2" Flexible Straight Connectors, Insulated	219.28	9.28
For Work In Restricted Working Space, Add	5.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.80	
26 05 33 13-2304 EA 4" Flexible Straight Connectors, Insulated	281.55	11.34
For Work In Restricted Working Space, Add	6.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.45	
26 05 33 13-2305 Plain Squeeze Type 90 Degree Connector (26 05 33 13-2269)		
26 05 33 13-2306 EA 3/8" Flexible 90 Degree Connector, Plain	7.34	3.44
For Work In Restricted Working Space, Add	1.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.55	
26 05 33 13-2307 EA 1/2" Flexible 90 Degree Connector, Plain	9.66	3.78
For Work In Restricted Working Space, Add	1.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.80	
26 05 33 13-2308 EA 3/4" Flexible 90 Degree Connector, Plain	12.58	4.13
For Work In Restricted Working Space, Add	2.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.06	
26 05 33 13-2309 EA 1" Flexible 90 Degree Connector, Plain	17.62	4.81
For Work In Restricted Working Space, Add	2.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.58	
26 05 33 13-2310 EA 1-1/4" Flexible 90 Degree Connector, Plain	27.43	5.16
For Work In Restricted Working Space, Add	3.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.09	
26 05 33 13-2311 EA 1-1/2" Flexible 90 Degree Connector, Plain	42.82	6.01
For Work In Restricted Working Space, Add	3.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-2312 EA 2" Flexible 90 Degree Connector, Plain	51.61	7.40
For Work In Restricted Working Space, Add	4.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.38	
26 05 33 13-2313 EA 2-1/2" Flexible 90 Degree Connector, Plain	113.64	7.91
For Work In Restricted Working Space, Add	5.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.16	
26 05 33 13-2314 EA 3" Flexible 90 Degree Connector, Plain	145.95	9.28
For Work In Restricted Working Space, Add	5.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.80	
26 05 33 13-2315 EA 3-1/2" Flexible 90 Degree Connector, Plain	309.42	11.34
For Work In Restricted Working Space, Add	6.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.45	
26 05 33 13-2316 EA 4" Flexible 90 Degree Connector, Plain	552.65	12.90
For Work In Restricted Working Space, Add	7.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.74	
26 05 33 13-2317 Insulated Throat Squeeze Type 90 Degree Connector (26 05 33 13-2269)		
26 05 33 13-2318 EA 1/2" Flexible 90 Degree Connector, Insulated	10.69	3.78
For Work In Restricted Working Space, Add	1.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.80	
26 05 33 13-2319 EA 3/4" Flexible 90 Degree Connector, Insulated	13.86	4.13
For Work In Restricted Working Space, Add	2.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.06	
26 05 33 13-2320 EA 1" Flexible 90 Degree Connector, Insulated	17.62	4.81
For Work In Restricted Working Space, Add	2.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.58	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2321	EA	1-1/4" Flexible 90 Degree Connector, Insulated	31.95	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.09	
26 05 33	13-2322	EA	1-1/2" Flexible 90 Degree Connector, Insulated	51.04	6.01
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-2323	EA	2" Flexible 90 Degree Connector, Insulated.....	64.97	7.40
			<i>For Work In Restricted Working Space, Add</i>	4.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.38	
26 05 33	13-2324	EA	2-1/2" Flexible 90 Degree Connector, Insulated	155.41	7.91
			<i>For Work In Restricted Working Space, Add</i>	5.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16	
26 05 33	13-2325	EA	3" Flexible 90 Degree Connector, Insulated.....	191.20	9.28
			<i>For Work In Restricted Working Space, Add</i>	5.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.80	
26 05 33	13-2326	EA	3-1/2" Flexible 90 Degree Connector, Insulated	514.51	11.34
			<i>For Work In Restricted Working Space, Add</i>	6.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45	
26 05 33	13-2327	EA	4" Flexible 90 Degree Connector, Insulated.....	767.47	12.90
			<i>For Work In Restricted Working Space, Add</i>	7.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74	
26 05 33	13-2328		Plain Squeeze Type 45 Degree Connector <small>(26 05 33 13-2269)</small>		
26 05 33	13-2329	EA	3/8" Flexible 45 Degree Connector, Plain	8.17	3.44
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33	13-2330	EA	1/2" Flexible 45 Degree Connector, Plain	10.99	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.80	
26 05 33	13-2331	EA	3/4" Flexible 45 Degree Connector, Plain	14.07	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33	13-2332		Insulated Squeeze Type 45 Degree Connector <small>(26 05 33 13-2269)</small>		
26 05 33	13-2333	EA	3/8" Flexible 45 Degree Connector, Insulated.....	8.75	4.13
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33	13-2334	EA	1/2" Flexible 45 Degree Connector, Insulated.....	11.94	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.80	
26 05 33	13-2335	EA	3/4" Flexible 45 Degree Connector, Insulated.....	15.41	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33	13-2336		Plain Screw-In Connector <small>(26 05 33 13-2269)</small>		
26 05 33	13-2337	EA	3/8" Flexible Steel Screw-in Connector, Plain.....	4.37	2.76
			<i>For Work In Restricted Working Space, Add</i>	1.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.16	
26 05 33	13-2338	EA	1/2" Flexible Steel Screw-in Connector, Plain.....	4.72	3.10
			<i>For Work In Restricted Working Space, Add</i>	1.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.29	
26 05 33	13-2339	EA	3/4" Flexible Steel Screw-in Connector, Plain.....	6.01	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33	13-2340	EA	1" Flexible Steel Screw-in Connector, Plain.....	8.58	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33	13-2341	EA	1-1/4" Flexible Steel Screw-in Connector, Plain.....	12.59	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33	13-2342	EA	1-1/2" Flexible Steel Screw-in Connector, Plain.....	15.39	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.22	
26 05 33	13-2343	EA	2" Flexible Steel Screw-in Connector, Plain.....	22.55	5.84
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-2344		Insulated Screw-In Connector <small>(26 05 33 13-2269)</small>		
26 05 33	13-2345	EA	3/8" Flexible Steel Screw-in Connector, Insulated.....	4.62	2.76
			<i>For Work In Restricted Working Space, Add</i>	1.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.16	
26 05 33	13-2346	EA	1/2" Flexible Steel Screw-in Connector, Insulated	4.91	3.10
			<i>For Work In Restricted Working Space, Add</i>	1.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.29	
26 05 33	13-2347	EA	3/4" Flexible Steel Screw-in Connector, Insulated.....	6.51	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33	13-2348	EA	1" Flexible Steel Screw-in Connector, Insulated	9.35	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33	13-2349	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated.....	13.69	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2350	EA		1-1/2" Flexible Steel Screw-in Connector, Insulated	16.70	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.22	
26 05 33 13-2351	EA		2" Flexible Steel Screw-in Connector, Insulated	23.71	5.84
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2352			Screw-In Coupling (26 05 33 13-2269)		
26 05 33 13-2353	EA		1/2" Flexible Steel Screw-in Coupling	5.20	3.10
			<i>For Work In Restricted Working Space, Add</i>	1.29	
26 05 33 13-2354	EA		3/4" Flexible Steel Screw-in Coupling	6.81	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.55	
26 05 33 13-2355			Flexible To Electrical Metallic Tubing (EMT) Coupling (26 05 33 13-2269)		
26 05 33 13-2356	EA		3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	6.94	2.76
			<i>For Work In Restricted Working Space, Add</i>	1.16	
26 05 33 13-2357	EA		1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.41	3.10
			<i>For Work In Restricted Working Space, Add</i>	1.29	
26 05 33 13-2358	EA		3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	12.43	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.55	
26 05 33 13-2359			Die Cast Squeeze Type Straight Connector (26 05 33 13-2269)		
26 05 33 13-2360	EA		3/8" Flexible Straight Connector, Die Cast	4.53	2.76
			<i>For Work In Restricted Working Space, Add</i>	1.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.16	
26 05 33 13-2361	EA		1/2" Flexible Straight Connector, Die Cast	5.12	3.10
			<i>For Work In Restricted Working Space, Add</i>	1.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.29	
26 05 33 13-2362	EA		3/4" Flexible Straight Connector, Die Cast	6.35	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33 13-2363	EA		1" Flexible Straight Connector, Die Cast	9.52	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2364	EA		1-1/4" Flexible Straight Connector, Die Cast	12.82	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33 13-2365	EA		1-1/2" Flexible Straight Connector, Die Cast	17.37	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.22	
26 05 33 13-2366	EA		2" Flexible Straight Connector, Die Cast	22.44	5.84
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2367			Die Cast Squeeze Type 90 Degree Connector (26 05 33 13-2269)		
26 05 33 13-2368	EA		3/8" Flexible 90 Degree Connector, Die Cast	6.00	3.44
			<i>For Work In Restricted Working Space, Add</i>	1.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.55	
26 05 33 13-2369	EA		1/2" Flexible 90 Degree Connector, Die Cast	7.41	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.80	
26 05 33 13-2370	EA		3/4" Flexible 90 Degree Connector, Die Cast	8.99	4.13
			<i>For Work In Restricted Working Space, Add</i>	2.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2371	EA		1" Flexible 90 Degree Connector, Die Cast	14.20	4.81
			<i>For Work In Restricted Working Space, Add</i>	2.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33 13-2372	EA		1-1/4" Flexible 90 Degree Connector, Die Cast	20.08	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.09	
26 05 33 13-2373	EA		1-1/2" Flexible 90 Degree Connector, Die Cast	31.14	6.01
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2374	EA		2" Flexible 90 Degree Connector, Die Cast	37.20	7.40
			<i>For Work In Restricted Working Space, Add</i>	4.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.38	
26 05 33 13-2375			Flexible Liquid Tight Non-Metallic Conduit And Connectors (26 05 33 13-2272)		
26 05 33 13-2376			Flexible Liquid Tight Non-Metallic Conduit (26 05 33 13-2375)		
26 05 33 13-2377	LF		3/8" Flexible Liquid Tight Non-Metallic Conduit	2.96	0.94
			<i>For Work In Restricted Working Space, Add</i>	0.71	
26 05 33 13-2378	LF		1/2" Flexible Liquid Tight Non-Metallic Conduit	3.01	0.94
			<i>For Work In Restricted Working Space, Add</i>	0.71	
26 05 33 13-2379	LF		3/4" Flexible Liquid Tight Non-Metallic Conduit	4.05	1.25
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2380	LF		1" Flexible Liquid Tight Non-Metallic Conduit	4.98	1.25
			<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2381	LF		1-1/4" Flexible Liquid Tight Non-Metallic Conduit	6.31	1.57
			<i>For Work In Restricted Working Space, Add</i>	1.18	
26 05 33 13-2382	LF		1-1/2" Flexible Liquid Tight Non-Metallic Conduit	8.02	1.88
			<i>For Work In Restricted Working Space, Add</i>	1.41	

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33	13-2383	LF	2" Flexible Liquid Tight Non-Metallic Conduit.....	10.32	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
26 05 33	13-2384		Liquid Tight Non-Metallic Straight Connector (26 05 33 13-2375)		
26 05 33	13-2385	EA	3/8" Liquid Tight Non-Metallic Straight Connector	8.51	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33	13-2386	EA	1/2" Liquid Tight Non-Metallic Straight Connector	8.51	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.89	
26 05 33	13-2387	EA	3/4" Liquid Tight Non-Metallic Straight Connector	10.37	2.83
			<i>For Work In Restricted Working Space, Add</i>	2.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.12	
26 05 33	13-2388	EA	1" Liquid Tight Non-Metallic Straight Connector	12.80	3.15
			<i>For Work In Restricted Working Space, Add</i>	2.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.36	
26 05 33	13-2389	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	17.51	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33	13-2390	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	21.78	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33	13-2391	EA	2" Liquid Tight Non-Metallic Straight Connector	33.66	4.40
			<i>For Work In Restricted Working Space, Add</i>	3.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.30	
26 05 33	13-2392		Liquid Tight Non-Metallic 90 Degree Angle Connector (26 05 33 13-2375)		
26 05 33	13-2393	EA	3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector	12.26	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33	13-2394	EA	1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	12.26	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33	13-2395	EA	3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	14.99	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33	13-2396	EA	1" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.05	4.40
			<i>For Work In Restricted Working Space, Add</i>	3.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.30	
26 05 33	13-2397	EA	1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector	21.78	4.71
			<i>For Work In Restricted Working Space, Add</i>	3.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33	13-2398	EA	1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector	33.99	5.03
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.77	
26 05 33	13-2399	EA	2" Liquid Tight Non-Metallic 90 Degree Angle Connector	45.49	5.65
			<i>For Work In Restricted Working Space, Add</i>	4.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 33	13-2400		Liquid Tight Non-Metallic 45 Degree Angle Connector (26 05 33 13-2375)		
26 05 33	13-2401	EA	3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector	12.26	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33	13-2402	EA	1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	12.26	3.46
			<i>For Work In Restricted Working Space, Add</i>	2.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.59	
26 05 33	13-2403	EA	3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	14.99	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33	13-2404	EA	1" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.05	4.40
			<i>For Work In Restricted Working Space, Add</i>	3.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.30	
26 05 33	13-2405	EA	1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector	21.78	4.71
			<i>For Work In Restricted Working Space, Add</i>	3.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.54	
26 05 33	13-2406	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector	33.99	5.03
			<i>For Work In Restricted Working Space, Add</i>	3.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.77	
26 05 33	13-2407	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector	45.49	5.65
			<i>For Work In Restricted Working Space, Add</i>	4.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.25	
26 05 33	13-2408		Blue ENT Electrical Non-Metallic Tubing (26 05 33 13-2227)		
			Note: Carlon - FLEX-PLUS.		
26 05 33	13-2409		Blue ENT Electrical Non-Metallic Tubing (26 05 33 13-2408)		
26 05 33	13-2410	LF	1/2" Blue ENT Electrical Non-Metallic Tubing	2.84	1.03
			<i>For Work In Restricted Working Space, Add</i>	0.77	
26 05 33	13-2411	LF	3/4" Blue ENT Electrical Non-Metallic Tubing	3.80	1.37
			<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 33	13-2412	LF	1" Blue ENT Electrical Non-Metallic Tubing	4.02	1.37
			<i>For Work In Restricted Working Space, Add</i>	1.03	

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

26 05 33 13-2413	Terminal Adapter <small>(26 05 33 13-2408)</small>		
26 05 33 13-2414	EA 1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	7.30	2.76
	<i>For Work In Restricted Working Space, Add</i>	2.06	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.06	
26 05 33 13-2415	EA 3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	8.52	3.10
	<i>For Work In Restricted Working Space, Add</i>	2.32	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.32	
26 05 33 13-2416	EA 1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	9.60	3.44
	<i>For Work In Restricted Working Space, Add</i>	2.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	
26 05 33 13-2417	Coupling <small>(26 05 33 13-2408)</small>		
26 05 33 13-2418	EA 1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	7.24	2.76
	<i>For Work In Restricted Working Space, Add</i>	2.06	
26 05 33 13-2419	EA 3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	8.22	3.10
	<i>For Work In Restricted Working Space, Add</i>	2.32	
26 05 33 13-2420	EA 1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	9.32	3.44
	<i>For Work In Restricted Working Space, Add</i>	2.58	
26 05 33 13-2421	Conduit Bodies <small>(26 05 33 13-0040)</small>		
26 05 33 13-2422	Threaded, Cast Aluminum Conduit Body <small>(26 05 33 13-2421)</small>		
26 05 33 13-2423	Type LB, Threaded, Two Hub Cast Aluminum Conduit Body <small>(26 05 33 13-2422)</small>		
26 05 33 13-2424	EA 1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	44.72	15.09
	<i>For Work In Restricted Working Space, Add</i>	11.32	
	<i>For Installation Above 14', Add</i>	5.66	
	<i>For Mogul LB, Add</i>	3.36	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.32	
26 05 33 13-2425	EA 3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	52.74	17.29
	<i>For Work In Restricted Working Space, Add</i>	12.97	
	<i>For Installation Above 14', Add</i>	6.48	
	<i>For Mogul LB, Add</i>	4.97	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.97	
26 05 33 13-2426	EA 1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	63.84	20.12
	<i>For Work In Restricted Working Space, Add</i>	15.09	
	<i>For Installation Above 14', Add</i>	7.55	
	<i>For Mogul LB, Add</i>	7.64	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.09	
26 05 33 13-2427	EA 1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	77.59	22.95
	<i>For Work In Restricted Working Space, Add</i>	17.21	
	<i>For Installation Above 14', Add</i>	8.61	
	<i>For Mogul LB, Add</i>	12.30	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.21	
26 05 33 13-2428	EA 1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	88.96	25.15
	<i>For Work In Restricted Working Space, Add</i>	18.86	
	<i>For Installation Above 14', Add</i>	9.43	
	<i>For Mogul LB, Add</i>	16.42	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33 13-2429	EA 2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	117.58	30.18
	<i>For Work In Restricted Working Space, Add</i>	22.64	
	<i>For Installation Above 14', Add</i>	11.32	
	<i>For Mogul LB, Add</i>	27.83	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.64	
26 05 33 13-2430	EA 2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	199.34	42.45
	<i>For Work In Restricted Working Space, Add</i>	31.83	
	<i>For Installation Above 14', Add</i>	15.92	
	<i>For Mogul LB, Add</i>	64.63	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.83	
26 05 33 13-2431	EA 3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	261.86	56.59
	<i>For Work In Restricted Working Space, Add</i>	42.44	
	<i>For Installation Above 14', Add</i>	21.22	
	<i>For Mogul LB, Add</i>	83.22	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.44	
26 05 33 13-2432	EA 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	349.02	70.74
	<i>For Work In Restricted Working Space, Add</i>	53.05	
	<i>For Installation Above 14', Add</i>	26.53	
	<i>For Mogul LB, Add</i>	120.29	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.05	
26 05 33 13-2433	EA 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	454.60	86.14
	<i>For Work In Restricted Working Space, Add</i>	64.61	
	<i>For Installation Above 14', Add</i>	32.30	
	<i>For Mogul LB, Add</i>	168.67	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.61	
26 05 33 13-2434	Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2422)</small>		
26 05 33 13-2435	EA 1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	45.58	15.09
	<i>For Work In Restricted Working Space, Add</i>	11.32	
	<i>For Installation Above 14', Add</i>	5.66	
	<i>For Mogul LB, Add</i>	4.01	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.32	

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2436	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	53.57	17.29
			<i>For Work In Restricted Working Space, Add</i>	12.97	
			<i>For Installation Above 14', Add</i>	6.48	
			<i>For Mogul LB, Add</i>	5.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.97	
26 05 33	13-2437	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	65.51	20.12
			<i>For Work In Restricted Working Space, Add</i>	15.09	
			<i>For Installation Above 14', Add</i>	7.55	
			<i>For Mogul LB, Add</i>	8.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.09	
26 05 33	13-2438	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	79.63	22.95
			<i>For Work In Restricted Working Space, Add</i>	17.21	
			<i>For Installation Above 14', Add</i>	8.61	
			<i>For Mogul LB, Add</i>	13.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.21	
26 05 33	13-2439	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	92.43	25.15
			<i>For Work In Restricted Working Space, Add</i>	18.86	
			<i>For Installation Above 14', Add</i>	9.43	
			<i>For Mogul LB, Add</i>	19.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33	13-2440	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	125.03	30.18
			<i>For Work In Restricted Working Space, Add</i>	22.64	
			<i>For Installation Above 14', Add</i>	11.32	
			<i>For Mogul LB, Add</i>	33.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.64	
26 05 33	13-2441	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	195.58	42.45
			<i>For Work In Restricted Working Space, Add</i>	31.83	
			<i>For Installation Above 14', Add</i>	15.92	
			<i>For Mogul LB, Add</i>	61.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.83	
26 05 33	13-2442	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	249.22	56.59
			<i>For Work In Restricted Working Space, Add</i>	42.44	
			<i>For Installation Above 14', Add</i>	21.22	
			<i>For Mogul LB, Add</i>	73.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.44	
26 05 33	13-2443	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	359.79	70.74
			<i>For Work In Restricted Working Space, Add</i>	53.05	
			<i>For Installation Above 14', Add</i>	26.53	
			<i>For Mogul LB, Add</i>	128.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.05	
26 05 33	13-2444	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	476.62	86.14
			<i>For Work In Restricted Working Space, Add</i>	64.61	
			<i>For Installation Above 14', Add</i>	32.30	
			<i>For Mogul LB, Add</i>	185.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.61	
26 05 33 13-2445	Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2422)				
26 05 33	13-2446	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	52.52	17.29
			<i>For Work In Restricted Working Space, Add</i>	12.97	
			<i>For Installation Above 14', Add</i>	6.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.97	
26 05 33	13-2447	EA	3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	62.26	20.12
			<i>For Work In Restricted Working Space, Add</i>	15.09	
			<i>For Installation Above 14', Add</i>	7.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.09	
26 05 33	13-2448	EA	1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	71.94	22.00
			<i>For Work In Restricted Working Space, Add</i>	16.51	
			<i>For Installation Above 14', Add</i>	8.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.51	
26 05 33	13-2449	EA	1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	88.53	25.15
			<i>For Work In Restricted Working Space, Add</i>	18.86	
			<i>For Installation Above 14', Add</i>	9.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 05 33	13-2450	EA	1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	102.49	27.67
			<i>For Work In Restricted Working Space, Add</i>	20.75	
			<i>For Installation Above 14', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.75	
26 05 33	13-2451	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	137.96	32.38
			<i>For Work In Restricted Working Space, Add</i>	24.29	
			<i>For Installation Above 14', Add</i>	12.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.29	
26 05 33	13-2452	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	218.62	47.16
			<i>For Work In Restricted Working Space, Add</i>	35.37	
			<i>For Installation Above 14', Add</i>	17.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.37	
26 05 33	13-2453	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	282.39	61.30
			<i>For Work In Restricted Working Space, Add</i>	45.98	
			<i>For Installation Above 14', Add</i>	22.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.98	
26 05 33	13-2454	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	456.82	75.45
			<i>For Work In Restricted Working Space, Add</i>	56.59	
			<i>For Installation Above 14', Add</i>	28.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.59	
26 05 33	13-2455	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	522.43	90.86
			<i>For Work In Restricted Working Space, Add</i>	68.14	
			<i>For Installation Above 14', Add</i>	34.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.14	

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

26 05 33 13-2456		Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2422)		
26 05 33 13-2457	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 45.75		15.09
		<i>For Work In Restricted Working Space, Add</i> 11.32		
		<i>For Installation Above 14', Add</i> 5.66		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 11.32		
26 05 33 13-2458	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 52.98		17.29
		<i>For Work In Restricted Working Space, Add</i> 12.97		
		<i>For Installation Above 14', Add</i> 6.48		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 12.97		
26 05 33 13-2459	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 64.04		19.81
		<i>For Work In Restricted Working Space, Add</i> 14.85		
		<i>For Installation Above 14', Add</i> 7.43		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.85		
26 05 33 13-2460	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 78.81		22.95
		<i>For Work In Restricted Working Space, Add</i> 17.21		
		<i>For Installation Above 14', Add</i> 8.61		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 17.21		
26 05 33 13-2461	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 88.39		25.15
		<i>For Work In Restricted Working Space, Add</i> 18.86		
		<i>For Installation Above 14', Add</i> 9.43		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 18.86		
26 05 33 13-2462	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 117.64		30.18
		<i>For Work In Restricted Working Space, Add</i> 22.64		
		<i>For Installation Above 14', Add</i> 11.32		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 22.64		
26 05 33 13-2463	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 192.42		42.45
		<i>For Work In Restricted Working Space, Add</i> 31.83		
		<i>For Installation Above 14', Add</i> 15.92		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 31.83		
26 05 33 13-2464	EA	3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 247.20		56.59
		<i>For Work In Restricted Working Space, Add</i> 42.44		
		<i>For Installation Above 14', Add</i> 21.22		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 42.44		
26 05 33 13-2465	EA	3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 353.31		70.74
		<i>For Work In Restricted Working Space, Add</i> 53.05		
		<i>For Installation Above 14', Add</i> 26.53		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 53.05		
26 05 33 13-2466	EA	4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover 456.62		86.14
		<i>For Work In Restricted Working Space, Add</i> 64.61		
		<i>For Installation Above 14', Add</i> 32.30		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 64.61		
26 05 33 13-2467		Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2422)		
26 05 33 13-2468	EA	1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 60.91		19.81
		<i>For Work In Restricted Working Space, Add</i> 14.85		
		<i>For Installation Above 14', Add</i> 7.43		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 14.85		
26 05 33 13-2469	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 70.44		22.00
		<i>For Work In Restricted Working Space, Add</i> 16.51		
		<i>For Installation Above 14', Add</i> 8.25		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 16.51		
26 05 33 13-2470	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 86.60		24.21
		<i>For Work In Restricted Working Space, Add</i> 18.16		
		<i>For Installation Above 14', Add</i> 9.08		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 18.16		
26 05 33 13-2471	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 99.87		27.67
		<i>For Work In Restricted Working Space, Add</i> 20.75		
		<i>For Installation Above 14', Add</i> 10.37		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 20.75		
26 05 33 13-2472	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 129.24		30.18
		<i>For Work In Restricted Working Space, Add</i> 22.64		
		<i>For Installation Above 14', Add</i> 11.32		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 22.64		
26 05 33 13-2473	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 156.17		37.09
		<i>For Work In Restricted Working Space, Add</i> 27.82		
		<i>For Installation Above 14', Add</i> 13.91		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 27.82		
26 05 33 13-2474	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 293.35		54.38
		<i>For Work In Restricted Working Space, Add</i> 40.79		
		<i>For Installation Above 14', Add</i> 20.40		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 40.79		
26 05 33 13-2475	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 361.21		70.74
		<i>For Work In Restricted Working Space, Add</i> 53.05		
		<i>For Installation Above 14', Add</i> 26.53		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 53.05		
26 05 33 13-2476	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 517.42		87.40
		<i>For Work In Restricted Working Space, Add</i> 66.02		
		<i>For Installation Above 14', Add</i> 33.01		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 66.02		
26 05 33 13-2477	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover 625.26		105.00
		<i>For Work In Restricted Working Space, Add</i> 78.75		
		<i>For Installation Above 14', Add</i> 39.38		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 78.75		
26 05 33 13-2478		Threaded, Malleable Iron Conduit Body (26 05 33 13-2421)		

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2479 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover (26 05 33 13-2479)			
26 05 33 13-2480	EA 1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	47.11	15.09
	For Installation Above 14', Add	5.66	
	For Work In Restricted Working Space, Add	11.32	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.32	
26 05 33 13-2481	EA 3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	54.74	17.29
	For Installation Above 14', Add	6.48	
	For Work In Restricted Working Space, Add	12.97	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.97	
26 05 33 13-2482	EA 1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	67.45	20.12
	For Installation Above 14', Add	7.55	
	For Work In Restricted Working Space, Add	15.09	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.09	
26 05 33 13-2483	EA 1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	88.14	22.95
	For Installation Above 14', Add	8.61	
	For Work In Restricted Working Space, Add	17.21	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.21	
26 05 33 13-2484	EA 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	100.62	25.15
	For Installation Above 14', Add	9.43	
	For Work In Restricted Working Space, Add	18.86	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.86	
26 05 33 13-2485	EA 2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	138.63	30.18
	For Installation Above 14', Add	11.32	
	For Work In Restricted Working Space, Add	22.64	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.64	
26 05 33 13-2486	EA 2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	235.40	42.45
	For Installation Above 14', Add	15.92	
	For Work In Restricted Working Space, Add	31.83	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.83	
26 05 33 13-2487	EA 3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	334.35	56.59
	For Installation Above 14', Add	21.22	
	For Work In Restricted Working Space, Add	42.44	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.44	
26 05 33 13-2488	EA 3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	462.39	70.74
	For Installation Above 14', Add	26.53	
	For Work In Restricted Working Space, Add	53.05	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.05	
26 05 33 13-2489	EA 4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover	553.02	86.14
	For Installation Above 14', Add	32.30	
	For Work In Restricted Working Space, Add	64.61	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.61	
26 05 33 13-2490 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover (26 05 33 13-2478)			
26 05 33 13-2491	EA 1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	49.28	15.09
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.32	
26 05 33 13-2492	EA 3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	55.38	17.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.97	
26 05 33 13-2493	EA 1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	70.77	20.12
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.09	
26 05 33 13-2494	EA 1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	90.36	22.95
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.21	
26 05 33 13-2495	EA 1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	103.34	25.15
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.86	
26 05 33 13-2496	EA 2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	133.05	30.18
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.64	
26 05 33 13-2497	EA 2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	204.39	42.45
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.83	
26 05 33 13-2498	EA 3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	278.60	56.59
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.44	
26 05 33 13-2499	EA 3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	495.22	70.74
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.05	
26 05 33 13-2500	EA 4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover	577.23	86.14
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.61	
26 05 33 13-2501 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover (26 05 33 13-2478)			
26 05 33 13-2502	EA 1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	58.73	17.29
	For Installation Above 14', Add	6.48	
	For Work In Restricted Working Space, Add	12.97	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.97	
26 05 33 13-2503	EA 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	69.22	20.12
	For Installation Above 14', Add	7.66	
	For Work In Restricted Working Space, Add	15.33	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.33	
26 05 33 13-2504	EA 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	82.43	22.00
	For Installation Above 14', Add	8.25	
	For Work In Restricted Working Space, Add	16.51	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.51	
26 05 33 13-2505	EA 1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	104.56	25.15
	For Installation Above 14', Add	9.31	
	For Work In Restricted Working Space, Add	18.63	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2506	EA	1-1/2"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.20 10.37 20.75 20.75	27.67
26 05 33 13-2507	EA	2"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	160.91 12.14 24.29 24.29	32.38
26 05 33 13-2508	EA	2-1/2"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.78 17.68 35.37 35.37	47.16
26 05 33 13-2509	EA	3"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	292.67 22.99 45.98 45.98	61.30
26 05 33 13-2510	EA	3-1/2"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	522.18 28.29 56.59 56.59	75.45
26 05 33 13-2511	EA	4"	Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	602.91 34.19 68.38 68.38	90.86
26 05 33 13-2512 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2478)</small>					
26 05 33 13-2513	EA	1/2"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.27 5.66 11.32 11.32	15.09
26 05 33 13-2514	EA	3/4"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.55 6.48 12.97 12.97	17.29
26 05 33 13-2515	EA	1"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.44 7.43 14.85 14.85	19.81
26 05 33 13-2516	EA	1-1/4"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.23 8.61 17.21 17.21	22.95
26 05 33 13-2517	EA	1-1/2"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.30 9.43 18.86 18.86	25.15
26 05 33 13-2518	EA	2"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.81 11.32 22.64 22.64	30.18
26 05 33 13-2519	EA	2-1/2"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	311.29 29.84 59.69 59.69	79.62
26 05 33 13-2520	EA	3"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	302.02 21.22 42.44 42.44	56.59
26 05 33 13-2521	EA	3-1/2"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	495.22 26.53 53.05 53.05	70.74
26 05 33 13-2522	EA	4"	Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	577.22 32.30 64.60 64.60	86.14
26 05 33 13-2523 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2478)</small>					
26 05 33 13-2524	EA	1/2"	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.69 7.43 14.85 14.85	19.81
26 05 33 13-2525	EA	3/4"	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.84 8.25 16.51 16.51	22.00
26 05 33 13-2526	EA	1"	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.98 9.08 18.16 18.16	24.21
26 05 33 13-2527	EA	1-1/4"	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.45 10.37 20.75 20.75	27.67

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2528	EA 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.59 11.32 22.64 22.64	30.18
26 05 33 13-2529	EA 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	166.10 13.91 27.82 27.82	37.09
26 05 33 13-2530	EA 2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.94 20.40 40.79 40.79	54.38
26 05 33 13-2531	EA 3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	394.49 26.53 53.05 53.05	70.74
26 05 33 13-2532	EA 3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	594.86 32.77 65.55 65.55	87.40
26 05 33 13-2533	EA 4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover..... <i>For Installation Above 14', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	662.12 39.38 78.75 78.75	105.00
26 05 33 13-2534	Set Screw, Cast Aluminum Conduit Body <small>(26 05 33 13-2421)</small>		
26 05 33 13-2535	Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2534)</small>		
26 05 33 13-2536	EA 1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.09 4.48 2.24 4.48	5.97
26 05 33 13-2537	EA 3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.44 5.90 2.95 5.90	7.86
26 05 33 13-2538	EA 1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.17 7.31 3.65 7.31	9.74
26 05 33 13-2539	EA 1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.35 8.96 4.48 8.96	11.95
26 05 33 13-2540	EA 1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.57 10.38 5.19 10.38	13.83
26 05 33 13-2541	EA 2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.14 11.79 5.90 11.79	15.72
26 05 33 13-2542	Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2534)</small>		
26 05 33 13-2543	EA 1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.31 4.48 2.24 4.48	5.97
26 05 33 13-2544	EA 3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.31 5.90 2.95 5.90	7.86
26 05 33 13-2545	EA 1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.18 7.31 3.65 7.31	9.74
26 05 33 13-2546	EA 1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.10 8.96 4.48 8.96	11.95
26 05 33 13-2547	EA 1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.60 10.38 5.19 10.38	13.83
26 05 33 13-2548	EA 2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.71 11.79 5.90 11.79	15.72
26 05 33 13-2549	Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2534)</small>		
26 05 33 13-2550	EA 1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Installation Above 14', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.91 5.90 2.95 5.90	7.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2551 EA 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	39.15	9.74
For Work In Restricted Working Space, Add	7.31	
For Installation Above 14', Add	3.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.31	
26 05 33 13-2552 EA 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	47.14	11.95
For Work In Restricted Working Space, Add	8.96	
For Installation Above 14', Add	4.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-2553 EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	65.99	13.83
For Work In Restricted Working Space, Add	10.85	
For Installation Above 14', Add	5.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.85	
26 05 33 13-2554 EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	85.22	15.72
For Work In Restricted Working Space, Add	12.74	
For Installation Above 14', Add	6.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.74	
26 05 33 13-2555 EA 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	115.94	17.60
For Work In Restricted Working Space, Add	14.62	
For Installation Above 14', Add	7.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.62	
26 05 33 13-2556 Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover (26 05		
<small>33 13-2534</small>)		
26 05 33 13-2557 EA 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	24.04	5.97
For Work In Restricted Working Space, Add	4.48	
For Installation Above 14', Add	2.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.48	
26 05 33 13-2558 EA 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	32.21	7.86
For Work In Restricted Working Space, Add	5.90	
For Installation Above 14', Add	2.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.90	
26 05 33 13-2559 EA 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	41.26	9.74
For Work In Restricted Working Space, Add	7.31	
For Installation Above 14', Add	3.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.31	
26 05 33 13-2560 EA 1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	53.65	11.95
For Work In Restricted Working Space, Add	8.96	
For Installation Above 14', Add	4.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.96	
26 05 33 13-2561 EA 1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	37.17	13.83
For Work In Restricted Working Space, Add	10.38	
For Installation Above 14', Add	5.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.38	
26 05 33 13-2562 EA 2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	101.02	15.72
For Work In Restricted Working Space, Add	11.79	
For Installation Above 14', Add	5.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.79	
26 05 33 13-2563 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart		
Pathways) (26 05 33 13-2421)		
26 05 33 13-2564 EA 3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120).....	93.47	17.21
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.92	
26 05 33 13-2565 EA 1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250).....	327.42	31.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.89	
26 05 33 13-2566 EA 3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400).....	632.06	64.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.45	
26 05 33 13-2567 Replacement Covers And Gaskets For Conduit Body (26 05 33 13-2421)		
26 05 33 13-2568 Replacement Stamped Aluminum Conduit Body Cover (26 05 33 13-2567)		
26 05 33 13-2569 EA 1/2" Replacement Stamped Aluminum Conduit Body Cover.....	8.43	3.07
26 05 33 13-2570 EA 3/4" Replacement Stamped Aluminum Conduit Body Cover.....	10.36	3.58
26 05 33 13-2571 EA 1" Replacement Stamped Aluminum Conduit Body Cover.....	13.26	4.60
26 05 33 13-2572 EA 1-1/4" Replacement Stamped Aluminum Conduit Body Cover.....	16.14	5.62
26 05 33 13-2573 EA 1-1/2" Replacement Stamped Aluminum Conduit Body Cover.....	19.92	6.64
26 05 33 13-2574 EA 2" Replacement Stamped Aluminum Conduit Body Cover.....	23.69	7.66
26 05 33 13-2575 EA 2-1/2" Replacement Stamped Aluminum Conduit Body Cover.....	31.83	8.68
26 05 33 13-2576 EA 3" Replacement Stamped Aluminum Conduit Body Cover.....	40.71	12.26
26 05 33 13-2577 EA 3-1/2" Replacement Stamped Aluminum Conduit Body Cover.....	44.16	13.79
26 05 33 13-2578 EA 4" Replacement Stamped Aluminum Conduit Body Cover.....	55.66	17.37
26 05 33 13-2579 Replacement Cast Steel Conduit Body Cover (26 05 33 13-2567)		
26 05 33 13-2580 EA 1/2" Replacement Cast Steel Conduit Body Cover.....	10.00	3.07
26 05 33 13-2581 EA 3/4" Replacement Cast Steel Conduit Body Cover.....	11.72	3.58
26 05 33 13-2582 EA 1" Replacement Cast Steel Conduit Body Cover.....	16.62	4.60
26 05 33 13-2583 EA 1-1/4" Replacement Cast Steel Conduit Body Cover.....	20.69	5.62
26 05 33 13-2584 EA 1-1/2" Replacement Cast Steel Conduit Body Cover.....	25.22	6.64
26 05 33 13-2585 EA 2" Replacement Cast Steel Conduit Body Cover.....	29.75	7.66
26 05 33 13-2586 EA 2-1/2" Replacement Cast Steel Conduit Body Cover.....	34.24	8.68
26 05 33 13-2587 EA 3" Replacement Cast Steel Conduit Body Cover.....	46.39	12.26
26 05 33 13-2588 EA 3-1/2" Replacement Cast Steel Conduit Body Cover.....	53.12	13.79
26 05 33 13-2589 EA 4" Replacement Cast Steel Conduit Body Cover.....	66.99	17.37

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2590		Replacement Velbuna Composition Conduit Body Gasket (26 05 33 13-2567)		
26 05 33 13-2591	EA	1/2" Replacement Velbuna Composition Conduit Body Gasket.....	7.73	3.07
26 05 33 13-2592	EA	3/4" Replacement Velbuna Composition Conduit Body Gasket.....	8.79	3.58
26 05 33 13-2593	EA	1" Replacement Velbuna Composition Conduit Body Gasket.....	11.51	4.60
26 05 33 13-2594	EA	1-1/4" Replacement Velbuna Composition Conduit Body Gasket.....	15.09	5.62
26 05 33 13-2595	EA	1-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	17.13	6.64
26 05 33 13-2596	EA	2" Replacement Velbuna Composition Conduit Body Gasket.....	20.47	7.66
26 05 33 13-2597	EA	2-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	27.42	8.68
26 05 33 13-2598	EA	3" Replacement Velbuna Composition Conduit Body Gasket.....	35.20	12.26
26 05 33 13-2599	EA	3-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	38.95	13.79
26 05 33 13-2600	EA	4" Replacement Velbuna Composition Conduit Body Gasket.....	46.03	17.37

26 05 33 13-2601		Replacement Neoprene Conduit Body Gasket (26 05 33 13-2567)		
26 05 33 13-2602	EA	1/2" Replacement Neoprene Conduit Body Gasket.....	8.82	3.07
26 05 33 13-2603	EA	3/4" Replacement Neoprene Conduit Body Gasket.....	9.83	3.58
26 05 33 13-2604	EA	1" Replacement Neoprene Conduit Body Gasket.....	12.87	4.60
26 05 33 13-2605	EA	1-1/4" Replacement Neoprene Conduit Body Gasket.....	15.78	5.62
26 05 33 13-2606	EA	1-1/2" Replacement Neoprene Conduit Body Gasket.....	17.82	6.64
26 05 33 13-2607	EA	2" Replacement Neoprene Conduit Body Gasket.....	20.54	7.66
26 05 33 13-2608	EA	2-1/2" Replacement Neoprene Conduit Body Gasket.....	27.59	8.68
26 05 33 13-2609	EA	3" Replacement Neoprene Conduit Body Gasket.....	35.37	12.26
26 05 33 13-2610	EA	3-1/2" Replacement Neoprene Conduit Body Gasket.....	40.10	13.79
26 05 33 13-2611	EA	4" Replacement Neoprene Conduit Body Gasket.....	47.18	17.37

26 05 33 16 Boxes For Electrical Systems (26 05 33)

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

26 05 33 16-0001		Steel Junction, Device, And Fixture Boxes, Rings And Covers (26 05 33 16)		
Note: Thin wall metal. See CSI section 26 27 26 00-0005 for steel box/receptacle assemblies, 26 27 26 00-0128 for steel box/switch assemblies.				

26 05 33 16-0002		4" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)		
26 05 33 16-0003	EA	1-1/2" Depth, 4" Square Steel Box.....	27.69	12.90
		For Stud Bracket, Add	0.46	
26 05 33 16-0004	EA	2-1/8" Depth, 4" Square Steel Box.....	28.54	12.90
		For Stud Bracket, Add	0.83	
26 05 33 16-0005	EA	3-1/2" Depth, 4" Square Steel Box.....	31.49	12.90
		For Stud Bracket, Add	0.91	
26 05 33 16-0006	EA	1-1/2" Depth, 4" Square Steel Extension Ring.....	21.40	8.60
26 05 33 16-0007	EA	2-1/8" Depth, 4" Square Steel Extension Ring.....	18.42	8.60
26 05 33 16-0008	EA	1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	9.50	4.30
26 05 33 16-0009	EA	5/8" Depth, 1 Gang, 4" Square Steel Mud Ring.....	9.64	4.30
26 05 33 16-0010	EA	3/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	9.74	4.30
26 05 33 16-0011	EA	1" Depth, 1 Gang, 4" Square Steel Mud Ring.....	10.05	4.30
26 05 33 16-0012	EA	1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	10.15	4.30
26 05 33 16-0013	EA	1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	11.17	4.30
26 05 33 16-0014	EA	1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	9.89	4.30
26 05 33 16-0015	EA	5/8" Depth, 2 Gang, 4" Square Steel Mud Ring.....	9.98	4.30
26 05 33 16-0016	EA	3/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	10.11	4.30
26 05 33 16-0017	EA	1" Depth, 2 Gang, 4" Square Steel Mud Ring.....	11.15	4.30
26 05 33 16-0018	EA	1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	11.36	4.30
26 05 33 16-0019	EA	1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	12.69	4.30
26 05 33 16-0020	EA	3/4" Depth, Fixture Cover, 4" Square Mud Rings.....	10.39	4.30
26 05 33 16-0021	EA	1" Depth, Fixture Cover, 4" Square Mud Rings.....	11.24	4.30
26 05 33 16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover.....	9.87	4.30
26 05 33 16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover.....	9.95	4.30
26 05 33 16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	9.85	4.30
26 05 33 16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover.....	10.08	4.30
26 05 33 16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	10.26	4.30
26 05 33 16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	12.60	4.30
26 05 33 16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.23	4.30
26 05 33 16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover.....	12.60	4.30
26 05 33 16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.23	4.30
26 05 33 16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	10.78	4.30
26 05 33 16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	12.60	4.30
26 05 33 16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	12.60	4.30
26 05 33 16-0034	EA	Flat, 4" Square Steel Exposed Work Cover.....	9.20	4.30

26 05 33 16-0035		4-11/16" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)		
26 05 33 16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box.....	30.86	12.90
26 05 33 16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box.....	28.92	12.90
		For Stud Bracket, Add	0.44	
26 05 33 16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box.....	38.66	12.90
26 05 33 16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring.....	22.21	8.60
26 05 33 16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring.....	22.68	8.60
26 05 33 16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	11.44	4.30
26 05 33 16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	11.46	4.30
26 05 33 16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	12.29	4.30
26 05 33 16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	11.96	4.30
26 05 33 16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	11.88	4.30
26 05 33 16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	15.32	4.30
26 05 33 16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	12.10	4.30
26 05 33 16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	12.28	4.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0049 EA 3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	12.29	4.30
26 05 33 16-0050 EA 1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	13.51	4.30
26 05 33 16-0051 EA 1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	13.76	4.30
26 05 33 16-0052 EA 1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	16.71	4.30
26 05 33 16-0053 EA 1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	11.94	4.30
26 05 33 16-0054 EA 5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	12.02	4.30
26 05 33 16-0055 EA One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover.....	14.31	4.30
26 05 33 16-0056 EA Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover.....	14.95	4.30
26 05 33 16-0057 EA One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	14.12	4.30
26 05 33 16-0058 EA Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover.....	13.42	4.30
26 05 33 16-0059 EA One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	15.75	4.30
26 05 33 16-0060 EA One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	14.94	4.30
26 05 33 16-0061 EA One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	14.94	4.30
26 05 33 16-0062 EA One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	14.94	4.30
26 05 33 16-0063 EA Flat, 4-11/16" Square Steel Exposed Work Cover.....	9.73	4.30
26 05 33 16-0064 Steel Square Box Brackets (26 05 33 16-0001)		
26 05 33 16-0065 EA 16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes.....	13.79	6.45
26 05 33 16-0066 EA Single Box Bracket, One 4" Or 4-11/16" Square Box.....	9.95	4.31
26 05 33 16-0067 EA 16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes.....	15.86	6.45
26 05 33 16-0068 EA 24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes.....	16.92	6.45
26 05 33 16-0069 4" Octagon Steel Boxes And Covers (26 05 33 16-0001)		
26 05 33 16-0070 EA 1-1/2" Depth, 4" Steel Octagon Box.....	23.05	10.74
<i>For Stud Bracket, Add</i>	1.13	
26 05 33 16-0071 EA 2-1/8" Depth, 4" Steel Octagon Box.....	23.80	10.74
26 05 33 16-0072 EA Flat, 4" Octagon Steel Exposed Work Cover.....	9.15	4.30
26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers (26 05 33 16-0001)		
Note: Placed in concrete slabs or walls.		
26 05 33 16-0074 EA 2" Depth, 4" Steel Octagonal Concrete Ring.....	37.77	
26 05 33 16-0075 EA 2-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	40.06	
26 05 33 16-0076 EA 3" Depth, 4" Steel Octagonal Concrete Ring.....	41.91	
26 05 33 16-0077 EA 3-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	43.74	
26 05 33 16-0078 EA 4" Depth, 4" Steel Octagonal Concrete Ring.....	47.53	
26 05 33 16-0079 EA 5" Depth, 4" Steel Octagonal Concrete Ring.....	51.43	
26 05 33 16-0080 EA 6" Depth, 4" Steel Octagonal Concrete Ring.....	54.54	
26 05 33 16-0081 EA Flat, 4" Steel Octagonal Concrete Cover.....	10.19	4.30
26 05 33 16-0082 4-1/2" Steel Gang Boxes (26 05 33 16-0001)		
26 05 33 16-0083 EA 2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	33.67	10.74
26 05 33 16-0084 EA 3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	36.93	11.60
26 05 33 16-0085 EA 4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	44.16	12.90
26 05 33 16-0086 EA 5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	57.00	14.18
26 05 33 16-0087 EA 6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	83.21	15.47
26 05 33 16-0088 EA 2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	45.25	10.74
26 05 33 16-0089 EA 3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	49.27	11.60
26 05 33 16-0090 EA 4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	65.00	12.90
26 05 33 16-0091 EA 5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	82.91	14.18
26 05 33 16-0092 EA 6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	134.46	15.47
26 05 33 16-0093 EA 2 Device, Gang Box Mud Ring.....	14.62	4.30
26 05 33 16-0094 EA 3 Device, Gang Box Mud Ring.....	14.82	4.30
26 05 33 16-0095 EA 4 Device, Gang Box Mud Ring.....	17.05	4.30
26 05 33 16-0096 EA 5 Device, Gang Box Mud Ring.....	20.89	4.30
26 05 33 16-0097 EA 6 Device, Gang Box Mud Ring.....	29.31	4.30
26 05 33 16-0098 EA 2 Device, Gang Box Flat Cover.....	12.71	4.30
26 05 33 16-0099 EA 3 Device, Gang Box Flat Cover.....	14.80	4.30
26 05 33 16-0100 EA 4 Device, Gang Box Flat Cover.....	17.57	4.30
26 05 33 16-0101 EA 5 Device, Gang Box Flat Cover.....	21.10	4.30
26 05 33 16-0102 EA 6 Device, Gang Box Flat Cover.....	29.90	4.30
26 05 33 16-0103 Steel Switch Boxes (26 05 33 16-0001)		
26 05 33 16-0104 EA 2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	24.49	10.74
26 05 33 16-0105 EA 2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	24.81	10.74
26 05 33 16-0106 EA 3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	26.49	10.74
26 05 33 16-0107 EA 2-1/2" Depth, 2 Device, Stud Bracket, Steel Box.....	30.24	10.74
26 05 33 16-0108 EA 2-1/2" Depth, 3 Device, Stud Bracket, Steel Box.....	30.57	10.74
26 05 33 16-0109 EA 2-1/2" Depth, 4 Device, Stud Bracket, Steel Box.....	35.66	10.74
26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers (26 05 33 16-0001)		
26 05 33 16-0111 EA 1-1/2" Deep, 4" x 2" Steel Handy Box.....	22.96	10.74
<i>For Stud Bracket, Add</i>	1.81	
26 05 33 16-0112 EA 1-7/8" Deep, 4" x 2" Steel Handy Box.....	23.31	10.74
<i>For Stud Bracket, Add</i>	0.78	
26 05 33 16-0113 EA 2-1/8" Deep, 4" x 2" Steel Handy Box.....	24.08	10.74
<i>For Stud Bracket, Add</i>	1.06	
26 05 33 16-0114 EA 1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring.....	15.00	6.44
26 05 33 16-0115 EA 1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring.....	14.66	6.44
26 05 33 16-0116 EA GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover.....	5.06	2.14

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	5.12	2.14
26 05 33 16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	4.80	2.14
26 05 33 16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover.....	4.82	2.14
26 05 33 16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	5.48	2.14
26 05 33 16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover	4.82	2.14
26 05 33 16-0122		3"-1/2" Depth, 3-3/4" Steel Masonry Boxes (26 05 33 16-0001)		
26 05 33 16-0123	EA	1 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	34.15	15.04
26 05 33 16-0124	EA	2 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	37.95	15.90
26 05 33 16-0125	EA	3 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	43.20	17.20
26 05 33 16-0126	EA	4 Device, 3"-1/2" Depth, 3-3/4" Steel Masonry Box	49.02	18.91
26 05 33 16-0127		Cast Boxes (26 05 33 16)		
		Note: For flush or surface mount.		
26 05 33 16-0128		Cast Iron Alloy Boxes (26 05 33 16-0127)		
		See CSI section 26 27 26 00-0267 for box covers.		
26 05 33 16-0129		Shallow, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128)		
		Note: Up to 2" deep boxes.		
26 05 33 16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box	72.68	25.80
		Note: One hub.		
26 05 33 16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	78.52	30.08
		Note: One hub.		
26 05 33 16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	92.57	36.54
		Note: One hub.		
26 05 33 16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	91.05	34.38
		Note: Two hub.		
26 05 33 16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	116.08	40.84
		Note: Two hub.		
26 05 33 16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box	90.69	34.38
		Note: Two hub.		
26 05 33 16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box	109.00	40.84
		Note: Two hubs.		
26 05 33 16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box	92.97	34.38
		Note: Two hubs.		
26 05 33 16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box	109.03	40.84
		Note: Two hubs.		
26 05 33 16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	90.69	34.38
		Note: Two hubs.		
26 05 33 16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	106.22	40.84
		Note: Two hubs.		
26 05 33 16-0141	EA	1/2" Depth, Type FSFA, Shallow, Single Gang Cast Iron Alloy Box	108.25	42.98
		Note: Three hubs.		
26 05 33 16-0142	EA	3/4" Depth, Type FSFA, Shallow, Single Gang Cast Iron Alloy Box	128.18	51.58
		Note: Three hubs.		
26 05 33 16-0143	EA	1/2" Depth, Type FSFA, Shallow, Single Gang Cast Iron Alloy Box	112.62	42.98
		Note: Three hubs.		
26 05 33 16-0144	EA	3/4" Depth, Type FSFA, Shallow, Single Gang Cast Iron Alloy Box	144.84	51.58
		Note: Three hubs.		
26 05 33 16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box	115.47	42.98
		Note: Three hubs.		
26 05 33 16-0146	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box	137.99	51.58
		Note: Three hubs.		
26 05 33 16-0147	EA	1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box.....	107.88	42.98
		Note: Three hubs.		
26 05 33 16-0148	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box.....	139.92	51.58
		Note: Three hubs.		
26 05 33 16-0149	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box.....	137.20	51.58
		Note: Four hubs.		
26 05 33 16-0150	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box.....	165.54	62.32
		Note: Four hubs.		
26 05 33 16-0151		Deep, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128)		
		Note: >2" deep boxes.		
26 05 33 16-0152	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box.....	75.90	25.80
		Note: One hub.		
26 05 33 16-0153	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box.....	87.45	30.08
		Note: One hub.		
26 05 33 16-0154	EA	1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box.....	102.87	36.54
		Note: One hub.		
26 05 33 16-0155	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box	96.93	34.38
		Note: Two hubs.		
26 05 33 16-0156	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box	112.03	40.84
		Note: Two hubs.		
26 05 33 16-0157	EA	1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box	134.68	49.44
		Note: Two hubs.		
26 05 33 16-0158	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box	120.05	40.84
		Note: Two hubs.		
26 05 33 16-0159	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box.....	154.34	51.58
		Note: Three hubs.		
26 05 33 16-0160		Shallow, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128)		
		Note: Up to 2" deep boxes.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0161 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	87.10	27.94
26 05 33 16-0162 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	96.65	32.24
26 05 33 16-0163 EA 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	112.41	38.68
26 05 33 16-0164 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	105.84	36.54
26 05 33 16-0165 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	120.38	42.98
26 05 33 16-0166 Deep, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0167 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	96.76	27.94
26 05 33 16-0168 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	105.73	32.24
26 05 33 16-0169 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	120.38	36.54
26 05 33 16-0170 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	135.74	42.98
26 05 33 16-0171 Cast Aluminum Boxes (26 05 33 16-0127) See CSI section 26 27 26 00-0267 for box covers.		
26 05 33 16-0172 Shallow, Single Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0173 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	64.08	21.50
26 05 33 16-0174 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	73.52	25.80
26 05 33 16-0175 EA 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	82.12	32.24
26 05 33 16-0176 EA 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	60.33	21.50
26 05 33 16-0177 EA 3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	76.16	25.80
26 05 33 16-0178 EA 1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	81.64	30.08
26 05 33 16-0179 EA 3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	98.13	36.54
26 05 33 16-0180 EA 1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	123.04	45.14
26 05 33 16-0181 EA 1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	88.16	30.08
26 05 33 16-0182 EA 3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	94.96	36.54
26 05 33 16-0183 EA 1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	84.45	30.08
26 05 33 16-0184 EA 3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	97.17	36.54
26 05 33 16-0185 EA 1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	82.06	30.08
26 05 33 16-0186 EA 3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	97.17	36.54
26 05 33 16-0187 EA 1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	76.53	30.08
26 05 33 16-0188 EA 3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	103.05	36.54
26 05 33 16-0189 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	97.54	38.68
26 05 33 16-0190 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	118.54	47.28
26 05 33 16-0191 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	103.27	38.68
26 05 33 16-0192 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	138.39	47.28
26 05 33 16-0193 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	102.79	38.68
26 05 33 16-0194 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	126.09	47.28
26 05 33 16-0195 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	127.79	47.28
26 05 33 16-0196 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box..... Note: Four hubs.	125.34	47.28
26 05 33 16-0197 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box..... Note: Four hubs.	153.04	58.03
26 05 33 16-0198 Deep, Single Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33 16-0199 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	70.73	21.50
26 05 33 16-0200 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	84.74	25.80
26 05 33 16-0201 EA 1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	97.54	32.24

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	90.81	25.80
26 05 33	16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	90.24	30.08
26 05 33	16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	108.69	36.54
26 05 33	16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	122.05	45.14
26 05 33	16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	110.09	36.54
26 05 33	16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box..... Note: Three hubs.	134.95	47.28
26 05 33	16-0208		Shallow, Two Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33	16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	84.33	23.64
26 05 33	16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	96.68	27.94
26 05 33	16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	104.34	34.38
26 05 33	16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	105.73	32.24
26 05 33	16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	108.52	38.68
26 05 33	16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	133.98	47.28
26 05 33	16-0215		Deep, Two Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33	16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	84.26	23.64
26 05 33	16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	97.59	27.94
26 05 33	16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	107.81	32.24
26 05 33	16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	122.42	38.68
26 05 33	16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	107.81	32.24
26 05 33	16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	122.42	38.68
26 05 33	16-0222		Shallow, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33	16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box..... Note: Two hubs.	113.22	34.38
26 05 33	16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	127.29	40.84
26 05 33	16-0225		Deep, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33	16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	128.01	30.08
26 05 33	16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	143.04	36.54
26 05 33	16-0228		Cast Aluminum Explosion Proof Outlet Bodies (26 05 33 16-0127) Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33	16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	132.84	34.38
26 05 33	16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	164.21	38.68
26 05 33	16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	151.03	42.98
26 05 33	16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body.....	147.26	38.68
26 05 33	16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA	179.10	42.98
26 05 33	16-0234		Non Metallic (PVC) Boxes (26 05 33 16) See CSI section 26 27 26 00-0267 for box covers.		
26 05 33	16-0235		Shallow, Single Gang Non Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33	16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box..... Note: One hub.	43.32	18.05
26 05 33	16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box..... Note: One hub.	49.55	21.07
26 05 33	16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non Metallic (PVC) Box Note: One hub.	56.69	25.58
26 05 33	16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	55.57	24.07
26 05 33	16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	65.34	28.58
26 05 33	16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	79.25	34.60

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0242 EA 1/2" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	55.76	24.07
26 05 33 16-0243 EA 3/4" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	64.83	28.58
26 05 33 16-0244 EA 1" Depth, Type FSS, Shallow, Single Gang Non Metallic (PVC) Box Note: Two hubs.	77.51	34.60
26 05 33 16-0245 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	70.38	30.08
26 05 33 16-0246 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	80.40	36.11
26 05 33 16-0247 EA 1" Depth, Type FSCC, Shallow, Single Gang Non Metallic (PVC) Box..... Note: Three hubs.	94.84	43.63
26 05 33 16-0248 Deep, Single Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0249 EA No Hub, Type FD, Deep, Single Gang Non Metallic (PVC) Box Note: No hubs.	43.88	18.05
26 05 33 16-0250 EA 1/2" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	42.89	18.05
26 05 33 16-0251 EA 3/4" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	50.89	21.07
26 05 33 16-0252 EA 1" Depth, Type FDE, Deep, Single Gang Non Metallic (PVC) Box Note: One hub.	57.24	25.58
26 05 33 16-0253 EA 1/2" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	56.68	24.07
26 05 33 16-0254 EA 3/4" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	63.90	28.58
26 05 33 16-0255 EA 1" Depth, Type FDC, Deep, Single Gang Non Metallic (PVC) Box Note: Two hubs.	76.43	34.60
26 05 33 16-0256 Shallow, Two Gang Non Metallic (PVC) Boxes <small>(26 05 33 16-0234)</small>		
26 05 33 16-0257 EA 1/2" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	46.61	19.56
26 05 33 16-0258 EA 3/4" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	53.43	22.57
26 05 33 16-0259 EA 1" Depth, Type FSE, Shallow, Two Gang Non Metallic (PVC) Box..... Note: One hub.	59.80	27.08
26 05 33 16-0260 EA 1/2" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	57.36	25.58
26 05 33 16-0261 EA 3/4" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	70.75	30.08
26 05 33 16-0262 EA 1" Depth, Type FSC, Shallow, Two Gang Non Metallic (PVC) Box Note: Two hubs.	83.77	36.11
26 05 33 16-0263 EA 1/2" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	58.67	25.58
26 05 33 16-0264 EA 3/4" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	74.37	30.08
26 05 33 16-0265 EA 1" Depth, Type FSS, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Two hubs.	80.87	36.11
26 05 33 16-0266 EA 1/2" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	71.77	31.60
26 05 33 16-0267 EA 3/4" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	93.96	37.61
26 05 33 16-0268 EA 1" Depth, Type FSCC, Shallow, Two Gang Non Metallic (PVC) Box..... Note: Three hubs.	97.76	45.14
26 05 33 16-0269 Poke Thru Units <small>(26 05 33 16)</small>		
26 05 33 16-0270 Surface Poke Thru Units <small>(26 05 33 16-0269)</small>		
Note: Excludes concrete drilling.		
26 05 33 16-0271 EA Single 20 Amp Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	382.15	32.24
26 05 33 16-0272 EA Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Wiremold RC3KTCAL.	244.09	
26 05 33 16-0273 EA Replacement 20 Amp Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC37REC.	33.84	8.60
26 05 33 16-0274 EA Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC3APTCBK.	40.94	4.30
26 05 33 16-0275 EA Four 20 Amp Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	432.23	34.38
26 05 33 16-0276 EA Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black nonmetallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	228.53	
26 05 33 16-0277 EA Replacement Two 20 Amp Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	58.02	12.90
26 05 33 16-0278 EA Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC4APTCBK.	40.94	4.30
26 05 33 16-0279 EA Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold ABPLUG4.	119.35	8.60

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 16-0280	EA Four Jack RC9AMD Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	341.99	30.08
26 05 33 16-0281	EA Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCKBK.	28.44	4.30
26 05 33 16-0282	EA Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black nonmetallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	340.41	30.08
26 05 33 16-0283	EA Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	39.57	4.30
26 05 33 16-0284	Recessed Poke Thru Units (26 05 33 16-0269) Note: Excludes concrete drilling.		
26 05 33 16-0285	Evolution 6AT Poke Thru Units (26 05 33 16-0284) Note: Excludes concrete drilling.		
26 05 33 16-0286	EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	634.91	34.38
26 05 33 16-0287	EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	634.99	34.38
26 05 33 16-0288	EA Recessed Assembly With Surface Style Cover (Wiremold 6ATC)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	605.05	34.38
26 05 33 16-0289	EA Recessed Assembly With Flush Style Cover (Wiremold 6AT)..... Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	605.05	34.38
26 05 33 16-0290	EA Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	634.91	34.38
26 05 33 16-0291	EA Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	634.91	34.38
26 05 33 16-0292	EA Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2"-1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	579.77	34.38
26 05 33 16-0293	EA Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	362.88	32.24
26 05 33 16-0294	EA Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	389.30	32.24
26 05 33 16-0295	EA Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	391.91	32.24
26 05 33 16-0296	EA 6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS) Note: Nonmetallic sleeve attaches to structural decking and maintains 6"-6 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	110.62	17.20
26 05 33 16-0297	EA Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	256.20	8.60
26 05 33 16-0298	EA Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	256.20	8.60
26 05 33 16-0299	EA Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2"-1 1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	212.89	8.60
26 05 33 16-0300	EA Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	30.75	2.14
26 05 33 16-0301	EA Device Mounting Plate (Wiremold 6AAP) Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	14.88	4.30
26 05 33 16-0302	EA Device Mounting Plate (Wiremold 6ACT8A) Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	17.23	4.30
26 05 33 16-0303	EA Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	14.81	4.30

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

26 05 33 16-0304	EA	Device Mounting Plate (Wiremold 6DEC).....	14.86	4.30
<small>Note: Device plate that will accept Decorator style devices such as 20A receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0305	EA	Device Mounting Plate (Wiremold 6DP)	14.76	4.30
<small>Note: Device plate that will accept standard 20A duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0306	EA	Device Mounting Plate (Wiremold 6MAAP)	17.48	4.30
<small>Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A)	17.28	4.30
<small>Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS).....	17.71	4.30
<small>Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.</small>				
26 05 33 16-0309	EA	Device Mounting Plate (Wiremold 6S1)	14.53	4.30
<small>Note: Receptacle opening 1 3/8". For 6" poke-thru units only.</small>				
26 05 33 16-0310	EA	Device Mounting Plate (Wiremold 6S2)	14.54	4.30
<small>Note: Receptacle opening 1 9/16". For 6" poke-thru units only.</small>				
26 05 33 16-0311	EA	Device Mounting Plate (Wiremold 6SER)	14.34	4.30
<small>Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0312	EA	Device Mounting Plate (Wiremold 6TRAC).....	14.34	4.30
<small>Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.</small>				
26 05 33 16-0313	EA	20AMP Duplex Receptacles (Wiremold 68REC)	34.77	6.44
<small>Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.</small>				
26 05 33 16-0314	EA	Device Mounting Plate (Wiremold 68B)	13.11	4.30
<small>Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.</small>				
26 05 33 16-0315	EA	Device Mounting Plate (Wiremold 68MAAP)	13.44	4.30
<small>Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.</small>				
26 05 33 16-0316	EA	20AMP Duplex Receptacles (Wiremold 68REC-25)	110.09	7.74
<small>Note: Two (2) proprietary 20AMP duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated</small>				
26 05 33 16-0317	EA	Device Mounting Plate (Wiremold 682A)	17.07	4.30
<small>Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.</small>				
26 05 33 16-0318	EA	Bottom Housing Assembly (Wiremold 5PTHA)	17.80	4.30
<small>Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.</small>				
26 05 33 16-0319	EA	Bottom Housing Assembly (Wiremold 5BLH)	18.32	4.30
<small>Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.</small>				
26 05 33 16-0320	EA	Bottom Housing Assembly (Wiremold 152CHA).....	28.02	8.60
<small>Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.</small>				
26 05 33 16-0321	EA	Bottom Housing Assembly (Wiremold 575CHA).....	32.05	10.74
<small>Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.</small>				
26 05 33 16-0322	EA	Bottom Housing Assembly (Wiremold 175CHA).....	35.41	10.74
<small>Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.</small>				
26 05 33 16-0323	EA	Bottom Housing Assembly (Wiremold 1125CHA).....	26.88	8.60
<small>Note: One-gang 1 1/4" trade size conduit housing assembly.</small>				
26 05 33 16-0324	EA	Bottom Housing Assembly (Wiremold 1PTHA)	17.68	4.30
<small>Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.</small>				
26 05 33 16-0325	EA	Bottom Housing Assembly (Wiremold 1BLH)	17.68	4.30
<small>Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.</small>				
26 05 33 16-0326	EA	Bottom Housing Assembly (Wiremold 15FFHA).....	18.64	4.30
<small>Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.</small>				
26 05 33 16-0327	EA	Bottom Housing Assembly (Wiremold 1BHA)	19.30	4.30
<small>Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.</small>				
26 05 33 16-0328 Evolution 8AT Poke Thru Units <small>(26 05 33 16-0284)</small>				
<small>Note: Excludes concrete drilling.</small>				
26 05 33 16-0329	EA	Recessed Rewired Assembly With Surface Style Cover (Wiremold 8ATCP)	833.56	34.38
<small>Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.</small>				
26 05 33 16-0330	EA	Recessed Rewired Assembly With Flush Style Cover (Wiremold 8ATP)	793.26	34.38
<small>Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.</small>				
26 05 33 16-0331	EA	Recessed Assembly With Surface Style Cover (Wiremold 8ATC).....	785.67	34.38
<small>Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.</small>				
26 05 33 16-0332	EA	Recessed Assembly With Flush Style Cover (Wiremold 8AT)	778.48	34.38
<small>Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.</small>				

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	------------------------	----------------------

26 05 33 16-0333	EA Recessed Assembly With Disposable Plate (Wiremold 8STC).....	469.51	32.24
	Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.		
26 05 33 16-0334	EA Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP)	526.28	32.24
	Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.		
26 05 33 16-0335	EA 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS)	132.78	17.20
	Note: Nonmetallic sleeve attaches to structural decking and maintains 8"-8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.		
26 05 33 16-0336	EA Surface Style Cover Assembly (Wiremold 8CTC).....	277.11	8.60
	Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.		
26 05 33 16-0337	EA Flush Style Cover Assembly (Wiremold 8CT).....	277.11	8.60
	Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.		
26 05 33 16-0338	EA Tile Shim (Wiremold 8TS)	47.98	2.14
	Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.		
26 05 33 16-0339	EA Device Mounting Plate (Wiremold 8B)	15.39	4.30
	Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.		
26 05 33 16-0340	EA Device Mounting Plate (Wiremold 8DP).....	15.48	4.30
	Note: Singlegang device plate that accepts standard 20A duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0341	EA Device Mounting Plate (Wiremold 8DEC).....	15.58	4.30
	Note: Singlegang device plate that will accept Decorator style devices such as 20A receptacles, GGCI, 106 adapters or AV devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0342	EA Device Mounting Plate (Wiremold 8ACT6A)	18.09	4.30
	Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0343	EA Mosaic Mounting Plate (Wiremold 8MOS)	21.97	4.30
	Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.		
26 05 33 16-0344	EA Crestron Double Gang Plate (Wiremold 8CREST)	21.94	4.30
	Note: Device plate accepts Crestron double-gang decorator style devices.		
26 05 33 16-0345	EA Device Mounting Plate (Wiremold 8S1)	14.91	4.30
	Note: Receptacle opening 1 3/8". For 8" poke-thru units only.		
26 05 33 16-0346	EA Device Mounting Plate (Wiremold 8S2)	15.11	4.30
	Note: Receptacle opening 1 9/16". For 8" poke-thru units only.		
26 05 33 16-0347	EA Device Mounting Plate (Wiremold 8TRAC).....	14.91	4.30
	Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0348	EA Device Mounting Plate (Wiremold 8SER)	14.91	4.30
	Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0349	EA Device Mounting Plate (Wiremold 8MAAP)	21.62	4.30
	Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0350	EA Device Mounting Plate (Wiremold 8AAP)	17.98	4.30
	Note: Two-gang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.		
26 05 33 16-0351	EA 8" Divider (Wiremold 8DIV)	20.77	4.30
	Note: Divider allows for separation of services when required.		
26 05 33 16-0352	EA Bottom Housing Assembly (Wiremold 22CHA)	28.02	8.60
	Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.		

26 05 33 23 Surface Raceways For Electrical Systems (26 05 33)

26 05 33 23-0001 Raceways (26 05 33 23)

26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33 23-0004	LF 2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover	15.54	3.93
	For Combination Hinged Screw Cover, Add	0.38	
	For Concrete Or Masonry Surface, Add	0.39	
26 05 33 23-0005	EA 2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover	14.57	5.89
	For Combination Hinged Screw Cover, Add	0.14	
26 05 33 23-0006	EA 2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover	17.48	7.35
	For Combination Hinged Screw Cover, Add	0.14	
26 05 33 23-0007	EA 2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover	35.67	13.75
	For Combination Hinged Screw Cover, Add	0.41	
26 05 33 23-0008	EA 2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover	51.93	13.75
	For Combination Hinged Screw Cover, Add	1.22	
26 05 33 23-0009	EA 2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover	76.37	19.57
	For Combination Hinged Screw Cover, Add	1.87	
26 05 33 23-0010	EA 2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover	85.53	21.61
	For Combination Hinged Screw Cover, Add	2.12	

26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	19.09 0.46 0.49	4.95
26 05 33 23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	31.70 1.09 0.49	4.95
26 05 33 23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	11.54 0.15	4.32
26 05 33 23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	19.40 0.15	8.25
26 05 33 23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	42.51 0.44	16.82
26 05 33 23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	60.39 1.34	16.82
26 05 33 23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	84.22 2.02	21.85
26 05 33 23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	97.49 2.32	25.54
26 05 33 23-0020		6" x 6", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0021	LF	6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	27.60 0.79 0.59	5.89
26 05 33 23-0022	LF	6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	49.71 1.90 0.59	5.89
26 05 33 23-0023	EA	6" x 6", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	14.11 0.23	4.71
26 05 33 23-0024	EA	6" x 6", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	24.33 0.23	9.82
26 05 33 23-0025	EA	6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	57.23 0.91	19.57
26 05 33 23-0026	EA	6" x 6", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	76.11 1.85	19.57
26 05 33 23-0027	EA	6" x 6", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	115.39 3.33	24.44
26 05 33 23-0028	EA	6" x 6", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	126.30 3.49	28.29
26 05 33 23-0029		8" x 8", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0030	LF	8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	42.44 1.48 0.64	6.45
26 05 33 23-0031	LF	8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	73.94 3.05 0.64	6.45
26 05 33 23-0032	EA	8" x 8", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	15.48 0.26	5.11
26 05 33 23-0033	EA	8" x 8", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	26.48 0.26	10.61
26 05 33 23-0034	EA	8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	63.69 1.03	21.53
26 05 33 23-0035	EA	8" x 8", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	94.35 2.56	21.53
26 05 33 23-0036	EA	8" x 8", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	136.89 4.19	26.57
26 05 33 23-0037	EA	8" x 8", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	187.86 6.17	32.22
26 05 33 23-0038		10" x 10", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0039	LF	10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	60.38 2.27 0.75	7.47
26 05 33 23-0040	LF	10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	103.00 4.40 0.75	7.47
26 05 33 23-0041	EA	10" x 10", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	20.82 0.45	5.89
26 05 33 23-0042	EA	10" x 10", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	32.61 0.45	11.79
26 05 33 23-0043	EA	10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	81.41 1.73	23.42
26 05 33 23-0044	EA	10" x 10", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	142.23 4.77	23.42
26 05 33 23-0045	EA	10" x 10", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	211.14 7.60	29.55
26 05 33 23-0046	EA	10" x 10", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	295.35 11.43	33.40
26 05 33 23-0047		12" x 12", Wireway With Screw Cover (26 05 33 23-0002)		
26 05 33 23-0048	LF	12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	71.07 2.65 0.90	9.04

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0049	LF	12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover	113.90	9.04
		For Combination Hinged Screw Cover, Add	4.79	
		For Concrete Or Masonry Surface, Add	0.90	
26 05 33 23-0050	EA	12" x 12", End Plate For Surface Mounted Wireway With Screw Cover	26.37	6.29
		For Combination Hinged Screw Cover, Add	0.69	
26 05 33 23-0051	EA	12" x 12", Coupling For Surface Mounted Wireway With Screw Cover	38.95	12.57
		For Combination Hinged Screw Cover, Add	0.69	
26 05 33 23-0052	EA	12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover	103.29	25.54
		For Combination Hinged Screw Cover, Add	2.61	
26 05 33 23-0053	EA	12" x 12", Elbow For Surface Mounted Wireway With Screw Cover	183.83	25.54
		For Combination Hinged Screw Cover, Add	6.64	
26 05 33 23-0054	EA	12" x 12", Tee For Surface Mounted Wireway With Screw Cover	236.06	31.44
		For Combination Hinged Screw Cover, Add	8.66	
26 05 33 23-0055	EA	12" x 12", Cross For Surface Mounted Wireway With Screw Cover	373.97	35.37
		For Combination Hinged Screw Cover, Add	15.16	
26 05 33 23-0056		Surface Metal Raceways <small>(26 05 33 23-0001)</small> Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.		
26 05 33 23-0057		One Piece Surface Metal Raceways <small>(26 05 33 23-0056)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0058		3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33 23-0059	LF	#500, 3/4" x 17/32" One Piece Surface Metal Raceway	3.48	1.18
		For Concrete Or Masonry Surface, Add	0.12	
26 05 33 23-0060	EA	#502 Bushing	3.41	1.57
26 05 33 23-0061	EA	#504 One Or Two Hole Strap	3.44	1.57
26 05 33 23-0062	EA	#506 Connection Cover	3.57	1.57
26 05 33 23-0063	EA	#511 Flat 90 Degree Elbow	5.44	1.88
26 05 33 23-0064	EA	#512 Flat 45 Degree Elbow	9.03	1.96
26 05 33 23-0065	EA	#517 Adjustable Internal Elbow	6.76	2.36
26 05 33 23-0066	EA	#518 Adjustable External Elbow	6.61	2.36
26 05 33 23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) <small>(26 05 33 23-0057)</small> Note: Available in ivory and white.		
26 05 33 23-0068	LF	#700, 3/4" x 21/32" One Piece Surface Metal Raceway	4.40	1.57
		For Concrete Or Masonry Surface, Add	0.16	
26 05 33 23-0069	EA	#702 Bushing	3.50	1.57
26 05 33 23-0070	EA	#704 One Or Two Hole Strap	3.61	1.57
26 05 33 23-0071	EA	#706 Connection Cover	3.64	1.57
26 05 33 23-0072	EA	#711 Flat 90 Degree Elbow	8.01	3.15
26 05 33 23-0073	EA	#712 Flat 45 Degree Elbow	12.58	3.15
26 05 33 23-0074	EA	#717 Adjustable Internal Elbow	8.64	3.15
26 05 33 23-0075	EA	#718 Adjustable External Elbow	8.35	3.15
26 05 33 23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33 23-0077	EA	#5700F 18" Flex Fitting, For #500 Or 700	23.80	2.36
26 05 33 23-0078	EA	#5701 Galvanized Coupling, For #500 Or 700	3.60	1.57
26 05 33 23-0079	EA	#5703 Supporting Clip, For #500 Or 700	3.60	1.57
26 05 33 23-0080	EA	#5709 Ground Clamp	10.39	2.36
26 05 33 23-0081	EA	#5709GC Grounding Connector	8.78	2.36
26 05 33 23-0082	EA	#5711 L Or R (Left Or Right) Twisted Internal Ell	9.98	3.15
26 05 33 23-0083	EA	#5715 Tee	11.23	3.93
26 05 33 23-0084	EA	#5719 Corner Box, 2-1/2" x 2-3/8" x 2-1/2"	19.50	3.15
26 05 33 23-0085	EA	#57242 Utility Box For #500 Or #700	15.01	3.15
26 05 33 23-0086	EA	#5731 Blank Cover, 2-3/8" Diameter	8.07	1.96
26 05 33 23-0087	EA	#5733 Outlet Box, 3" Diameter	18.58	3.15
26 05 33 23-0088	EA	#5735 Distribution Box, 4-3/4" Square x 1-3/8" Deep	18.51	3.15
26 05 33 23-0089	EA	#5736 Blank Cover, 4-3/8"	8.55	1.96
26 05 33 23-0090	EA	#5737 Extension Box/Open Base, 4-3/4" Diameter	16.82	3.15
26 05 33 23-0091	EA	#5737A Extension Box/Open Base, 5-1/2" Diameter	16.23	3.15
26 05 33 23-0092	EA	#5738 Fixture Box/Solid Base, 4-3/4" Diameter	16.37	3.15
26 05 33 23-0093	EA	#5738A Fixture Box/Solid Base, 5-1/2" Diameter	16.37	3.15
26 05 33 23-0094	EA	#5738AF Fan Box/Solid Base, 5-1/2" Diameter	18.51	3.15
26 05 33 23-0095	EA	#5739 Fixture Box/Solid Base, 6-3/8"	18.28	3.15
26 05 33 23-0096	EA	#5739A Extension Box/Open Base, 6-3/8" Diameter	19.51	3.15
26 05 33 23-0097	EA	#57240 Standard Switch Box For #500, Or #700	22.00	5.11
26 05 33 23-0098	EA	#57243G Duplex Receptacle And Box, Ground, For #500 Or #700	34.81	9.82
26 05 33 23-0099	EA	#5741 Switch And Receptacle Box For Shallow Type Switches, 2-13/16" x 4-5/8" x 1-3/8"	16.62	5.11
26 05 33 23-0100	EA	#5744 Extra Deep Switch And Receptacle Box, 1 Gang, 4-5/8" x 2-7/8" x 2-3/4"	26.32	5.11
26 05 33 23-0101	EA	#5744-2 Extra Deep Switch And Receptacle Box, 2 Gang, 4-3/4" x 4-3/4" x 2-3/4"	30.18	5.11
26 05 33 23-0102	EA	#5744-3 Extra Deep Switch And Receptacle Box, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4"	45.85	5.11
26 05 33 23-0103	EA	#5744S Signal Box 1 Gang	23.85	4.32
26 05 33 23-0104	EA	#5744S-2 Signal Box 2 Gang	26.62	4.32
26 05 33 23-0105	EA	#5744S-3 Signal Box 3 Gang	42.73	4.32
26 05 33 23-0106	EA	#5745 Combination Switch And Receptacle Box With 1/2" KO's, 4-5/8" x 2-7/8" x 1-3/4"	17.35	5.11
26 05 33 23-0107	EA	#5747 Shallow Switch And Receptacle Box For Standard Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/8"	15.25	5.11

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

26 05 33 23-0108	EA	#5747-2 Shallow Switch And Receptacle Box For Standard Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/8".....	21.48	5.11
26 05 33 23-0109	EA	#5747-3 Shallow Switch And Receptacle Box For Standard Shallow Devices, 3 Gang, 4-5/8" x 6-1/2" x 2-3/4".....	41.84	5.11
26 05 33 23-0110	EA	#5748 Switch And Receptacle Box For Deep Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	16.31	5.11
26 05 33 23-0111	EA	#5748-2 Switch And Receptacle Box For Deep Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4".....	22.74	5.11
26 05 33 23-0112	EA	#5748-3 Switch And Receptacle Box For Deep Devices, 3 Gang, 4-5/8" x 6-1/2" x 1-3/4".....	40.67	5.11
26 05 33 23-0113	EA	#5748-4 Switch And Receptacle Box For Deep Devices, 4 Gang, 4-5/8" x 8-11/32" x 1-3/4".....	60.39	5.11
26 05 33 23-0114	EA	#5748-5 Switch And Receptacle Box For Deep Devices, 5 Gang, 4-5/8" x 10-5/32" x 1-3/4".....	99.61	5.11
26 05 33 23-0115	EA	#5748-6 Switch And Receptacle Box For Deep Devices, 6 Gang, 4-5/8" x 11-31/32" x 1-3/4".....	101.37	5.11
26 05 33 23-0116	EA	#5748-S Shallow Switch And Receptacle Box For Shallow Duplex Devices, 4-3/8" x 2-7/8" x 15/16".....	16.10	5.11
26 05 33 23-0117	EA	#5751 Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 15/16".....	15.66	5.11
26 05 33 23-0118	EA	#5751-2 Flush-Type Extension Adapter, 2 Gang, 4-3/4" x 4-3/4" x 15/16".....	20.85	5.11
26 05 33 23-0119	EA	#5751-3 Flush-Type Extension Adapter, 3 Gang, 4-5/8" x 6-1/2" x 15/16".....	41.06	5.11
26 05 33 23-0120	EA	#5751A Deep Flush-Type Extension Adapter, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	16.93	5.11
26 05 33 23-0121	EA	#5752 Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 1-3/8".....	21.93	5.11
26 05 33 23-0122	EA	#5753 Extra Deep Alarm Device Box, 2 Gang, 4-11/16" x 4-11/16" x 2-3/4".....	31.63	5.11
26 05 33 23-0123	EA	#5760 Blank Extension Box.....	10.99	1.96
26 05 33 23-0124	EA	#5780 Special Nipple, 1/2".....	10.47	1.96
26 05 33 23-0125	EA	#5781 1/2" Box Connector.....	6.95	1.96
26 05 33 23-0126	EA	#5781A 3/4" Box Connector.....	13.13	2.36
26 05 33 23-0127	EA	#5782 1/2" Conduit Connector.....	7.02	1.96
26 05 33 23-0128	EA	#5782A 3/4" Conduit Connector.....	16.46	2.36
26 05 33 23-0129	EA	#5784 1/2" Elbow Conduit Connector.....	14.74	2.36
26 05 33 23-0130	EA	#5785 Combination Connector, To Any 3-1/4" Or 4" Outlet Box.....	8.18	2.36
26 05 33 23-0131	EA	#5786 Offset Connector.....	13.68	2.36
26 05 33 23-0132	EA	#5790B Armor Cable Connector.....	7.12	1.96
26 05 33 23-0133	EA	#5791 1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700.....	6.31	1.57

26 05 33 23-0134 1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) (26 05 33 23-0057)

Note: Galvanized finish.

26 05 33 23-0135	LF	#1500-10, 1-9/16" x 11/32" One Piece Surface Metal Raceway.....	6.24	1.96
		<i>For Concrete Or Masonry Surface, Add</i>	0.20	
26 05 33 23-0136	EA	#1500WC Wire Clip.....	3.91	1.57
26 05 33 23-0137	EA	#1502 Bushing.....	4.64	1.96
26 05 33 23-0138	EA	#1504 2-Hole Strap.....	5.25	2.36
26 05 33 23-0139	EA	#1511 Flat Elbow.....	20.23	7.47
26 05 33 23-0140	EA	#1517 Internal Elbow.....	20.88	7.47
26 05 33 23-0141	EA	#1517B Adapter Fitting.....	22.41	7.47
26 05 33 23-0142	EA	#1518 External Elbow.....	22.28	7.47
26 05 33 23-0143	EA	#1528 Utility Box.....	20.00	5.11
26 05 33 23-0144	EA	#1542D Junction Box.....	20.61	5.11
26 05 33 23-0145	EA	#1543GL Duplex Receptacle.....	40.38	9.82
26 05 33 23-0146	EA	#1546A Single Receptacle Box.....	21.21	5.11
26 05 33 23-0147	EA	#1546B Duplex Receptacle Box.....	25.86	5.11
26 05 33 23-0148	EA	#1546T Telephone Box.....	25.38	5.11
26 05 33 23-0149	EA	#1585 Combination Connection.....	12.25	2.36

26 05 33 23-0150 2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) (26 05 33 23-0057)

Note: Galvanized finish.

26 05 33 23-0151	LF	#2600-10, 2-7/32" x 28/32" One Piece Surface Metal Raceway.....	10.20	3.54
		<i>For Concrete Or Masonry Surface, Add</i>	0.35	
26 05 33 23-0152	EA	#2600WC Wire Clip.....	3.90	1.57
26 05 33 23-0153	EA	#2602 Fiber Bushing.....	4.32	1.57
26 05 33 23-0154	EA	#2611 2-5/8 90 Degree Flat Elbow.....	14.82	2.75
26 05 33 23-0155	EA	#2642D Junction Box, 5" Diameter.....	22.16	3.93
26 05 33 23-0156	EA	#2686FO Service Fitting.....	21.90	4.71

26 05 33 23-0157 Two Piece Surface Metal Raceways (26 05 33 23-0056)

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).

26 05 33 23-0158 1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) (26 05 33 23-0157)

26 05 33 23-0159	LF	#2000BC, 1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover.....	5.93	1.96
		<i>For Concrete Or Masonry Surface, Add</i>	0.20	
26 05 33 23-0160	EA	#2000WC Wire Clip.....	2.87	1.57
26 05 33 23-0161	EA	#2001 Coupling.....	7.72	1.96
26 05 33 23-0162	EA	#2003 Supporting Clip.....	3.66	1.18
26 05 33 23-0163	EA	#2006 Cover Clip.....	3.41	1.18
26 05 33 23-0164	EA	#2009 Ground Clamp.....	8.69	1.96
26 05 33 23-0165	EA	#2010A2 Entrance End Fitting.....	17.47	5.89
26 05 33 23-0166	EA	#2010A3 Entrance End Fitting.....	29.55	7.86
26 05 33 23-0167	EA	#2010B Blank End Fitting.....	4.70	1.96
26 05 33 23-0168	EA	#2011 Flat 90 Degree Elbow.....	15.04	5.11
26 05 33 23-0169	EA	#2015 Tee.....	27.29	7.39
26 05 33 23-0170	EA	#2017TC Internal Corner Coupling.....	9.73	3.93
26 05 33 23-0171	EA	#2048 Single Gang device Box.....	22.66	7.00
26 05 33 23-0172	EA	#2048-2 2-Gang device Box.....	35.26	7.78
26 05 33 23-0173	EA	#2051H Flush Plate Adapter.....	24.58	7.78
26 05 33 23-0174	EA	#2089 Side Reducing Connector.....	19.91	3.93
26 05 33 23-0175	EA	#2089E End Reducing Connector.....	8.26	1.96

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 23-0176		1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) <small>(26 05 33 23-0157)</small>		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0177	LF	#2400B, 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base.....	5.03	1.96
		For Concrete Or Masonry Surface, Add	0.20	
26 05 33 23-0178	LF	#2400BD, 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base.....	5.47	1.96
		For Concrete Or Masonry Surface, Add	0.20	
26 05 33 23-0179	LF	#2400C Raceway Cover.....	1.90	0.39
26 05 33 23-0180	EA	#2400WC Wire Clip.....	2.84	1.57
26 05 33 23-0181	EA	#2401 Coupling.....	7.63	1.96
26 05 33 23-0182	EA	#2401D Divided Raceway Coupling.....	6.04	1.96
26 05 33 23-0183	EA	#2406 Cover Clip.....	3.37	1.18
26 05 33 23-0184	EA	#2407-2CM Device Bracket Frame.....	24.33	5.89
26 05 33 23-0185	EA	#2407-2TJ Device Bracket Frame.....	23.37	5.89
26 05 33 23-0186	EA	#2409 Ground Clamp.....	6.28	1.57
26 05 33 23-0187	EA	#2410A End Fitting.....	16.47	5.89
26 05 33 23-0188	EA	#2410B Blank End.....	4.68	1.96
26 05 33 23-0189	EA	#2410BD Divided Blank End Fitting.....	4.73	1.96
26 05 33 23-0190	EA	#2410C Entrance End Fitting.....	24.23	5.89
26 05 33 23-0191	EA	#2410D Divided Entrance End Fitting.....	23.30	5.89
26 05 33 23-0192	EA	#2410DFO Divided Entrance End Fitting.....	37.20	5.89
26 05 33 23-0193	EA	#2410FC Full Cap Entrance End Fitting.....	28.86	5.89
26 05 33 23-0194	EA	#2411D Divided Flat 90 Degree Elbow.....	18.29	5.89
26 05 33 23-0195	EA	#2411DFO Radiused Divided Flat 90 Degree Elbow.....	28.36	5.89
26 05 33 23-0196	EA	#2411FO Radiused Flat 90 Degree Elbow.....	25.55	5.81
26 05 33 23-0197	EA	#2411M Flat 90 Degree Elbow.....	17.51	5.89
26 05 33 23-0198	EA	#2415DFO Radiused Divided Tee.....	30.30	5.81
26 05 33 23-0199	EA	#2415FO Radiused Tee.....	28.89	5.81
26 05 33 23-0200	EA	#2415M Tee.....	20.45	5.81
26 05 33 23-0201	EA	#2417D Divided Internal Coupling.....	17.32	5.81
26 05 33 23-0202	EA	#2417DFO Radiused Divided Internal Coupling.....	26.33	5.81
26 05 33 23-0203	EA	#2417FO Radiused Internal Coupling.....	25.59	5.81
26 05 33 23-0204	EA	#2418DFO Radiused Divided External Coupling.....	28.49	5.81
26 05 33 23-0205	EA	#2418FO Radiused External Coupling.....	28.05	5.81
26 05 33 23-0206	EA	#2417M Internal Coupling.....	16.83	5.81
26 05 33 23-0207	EA	#2418M External Coupling.....	20.13	5.81
26 05 33 23-0208	EA	#2444 Extra Deep Switch And Receptacle, 1 Gang.....	25.86	5.11
26 05 33 23-0209	EA	#2444-2 Extra Deep Switch And Receptacle Box, 2 Gang.....	28.57	5.11
26 05 33 23-0210	EA	#2444-2LS Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang.....	28.71	5.11
26 05 33 23-0211	EA	#2444D Divided Extra Deep Switch And Receptacle, 1 Gang.....	27.56	5.11
26 05 33 23-0212	EA	#2444D-2A Divided Extra Deep Switch And Receptacle Box, 2 Gang.....	38.38	5.11
26 05 33 23-0213	EA	#2444D-2N Divided Over Raceway Extra Deep Switch And Receptacle Box, 2 Gang.....	33.94	5.11
26 05 33 23-0214	EA	#2448 Switch And Receptacle Box For Shallow Devices, 1 Gang, 4-5/8" x 2-7/8" x 1-3/4".....	18.49	5.11
26 05 33 23-0215	EA	#2448-2 Switch And Receptacle Box For Shallow Devices, 2 Gang, 4-3/4" x 4-3/4" x 1-3/4".....	27.97	5.11
26 05 33 23-0216	EA	#2450 Adapter Plate, Device Bracket Type.....	8.69	1.96
26 05 33 23-0217	EA	#2451H 4-1/2" x 4-1/2" Back Feed Fitting.....	20.90	5.89
26 05 33 23-0218	EA	#2475D Bridge Fitting 2400/700/500.....	59.34	5.89
26 05 33 23-0219	EA	#2489 Side Reducing Connector.....	17.63	3.15
26 05 33 23-0220		2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) <small>(26 05 33 23-0157)</small>		
		Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF	#3000B, 2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base.....	10.03	3.54
		For Concrete Or Masonry Surface, Add	0.35	
26 05 33 23-0222	LF	#3000CE Raceway Cover.....	2.32	0.39
26 05 33 23-0223	EA	#3000WC Wire Clips For Conductors.....	3.81	1.57
26 05 33 23-0224	EA	#3001 Couplings.....	9.92	1.57
26 05 33 23-0225	EA	#3001A Rigid Inside Coupling.....	9.61	1.96
26 05 33 23-0226	EA	#3003 Supporting Clip.....	7.16	1.96
26 05 33 23-0227	EA	#3006E Clip Cover.....	4.17	1.57
26 05 33 23-0228	EA	#3007C Device Brackets.....	10.67	3.15
26 05 33 23-0229	EA	#3008C C-Hanger.....	10.50	2.36
26 05 33 23-0230	EA	#3010AE Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors.....	24.75	7.47
26 05 33 23-0231	EA	#3010B Blank End Fittings.....	9.11	3.15
26 05 33 23-0232	EA	#3010C Entrance End Fitting For Connecting To Rigid Or Flexible Conduit.....	27.30	7.47
26 05 33 23-0233	EA	#3011E Flat 90 Degree Elbow.....	40.82	9.74
26 05 33 23-0234	EA	#3014C Wall Box Connector.....	29.51	9.82
26 05 33 23-0235	EA	#3015E Tee Fitting.....	55.96	12.18
26 05 33 23-0236	EA	#3017TCE Internal Corner Coupling.....	26.70	7.47
26 05 33 23-0237	EA	#3018AE External Corner.....	32.71	7.47
26 05 33 23-0238	EA	#3027AE Single Receptacle Cover, With Face Diameters Of 1.38"-1.4".....	23.63	7.47
26 05 33 23-0239	EA	#3028 Utility Box.....	39.35	7.47
26 05 33 23-0240	EA	#3033JE Single Receptacle Cover, With Face Diameters Of 1.56"-1.57".....	12.64	1.96
26 05 33 23-0241	EA	#3036HE Blank Cover.....	13.80	1.96
26 05 33 23-0242	EA	#3040CE Switch Cover.....	12.61	1.96
26 05 33 23-0243	EA	#3043BE Duplex Receptacle Cover.....	12.27	2.36
26 05 33 23-0244	EA	#3043GE 15 Amp, 125 Volt Duplex Grounding Receptacle And Cover.....	34.29	10.22
26 05 33 23-0245	EA	#3044-2 Extra Deep Switch And Receptacle Box, 2 Gang.....	44.18	7.47
26 05 33 23-0246	EA	#3046BE Duplex Receptacle Cover.....	12.74	2.36
26 05 33 23-0247	EA	#3046H-2 Tap Off Fitting.....	11.88	1.96
26 05 33 23-0248	EA	#3046KD Circuit Breaker Housing, 1-15/16" Deep x 6" Long.....	45.42	4.71
26 05 33 23-0249	EA	#3046KTSQ Circuit Breaker Housing, 2-3/4" Deep x 7-3/8" Long.....	107.65	4.71
26 05 33 23-0250	EA	#3046QOU Circuit Breaker Housing, 1-13/16" Deep x 7-3/8" Long.....	39.84	4.71
26 05 33 23-0251	EA	#3046S Bump Up Device Plate Cover, 1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide.....	42.93	4.71
26 05 33 23-0252	EA	#3046U Bump Up Device Plate Cover, 1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide.....	42.93	4.71

				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	--	--	--	---------------------------	-------------------------

26 05 33 23-0253	EA	#3048R Rectangular Receptacle Cover	14.05	2.36	
26 05 33 23-0254 4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) <small>(26 05 33)</small>					
<small>23-0157</small>					
Note: Available in gray enamel (G) or ivory (V).					
26 05 33 23-0255	LF	#4000B-10, 4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base	12.23	3.54	
<i>For Concrete Or Masonry Surface, Add</i>			<i>0.38</i>		
26 05 33 23-0256	LF	#4000C Raceway Cover	4.24	0.39	
26 05 33 23-0257	LF	#4000D Divider	2.09	0.39	
26 05 33 23-0258	EA	#4000WC Wire Clips For Conductors	4.65	1.96	
26 05 33 23-0259	EA	#4001A Couplings	12.16	2.36	
26 05 33 23-0260	EA	#4001D Divider Clip	5.80	2.36	
26 05 33 23-0261	EA	#4006 Seam Clip	5.90	2.36	
26 05 33 23-0262	EA	#4007C-1 Device Plate, 1 Gang	55.35	5.11	
26 05 33 23-0263	EA	#4007C-1R Single Device Fitting	58.61	5.11	
26 05 33 23-0264	EA	#4007C-2 Device Plate, 2 Gang	62.46	5.11	
26 05 33 23-0265	EA	#4010B Blank End Fittings	12.85	3.15	
26 05 33 23-0266	EA	#4010DFO Entrance End Fitting	49.34	12.10	
26 05 33 23-0267	EA	#4011 Flat 90 Degree Elbow	45.71	9.82	
26 05 33 23-0268	EA	#4011FO Radiused Flat 90 Degree Elbow	53.79	9.82	
26 05 33 23-0269	EA	#4012TX Internal Or External 45 Degree Elbow	49.94	12.18	
26 05 33 23-0270	EA	#4014A Wall Box Connector	66.10	12.18	
26 05 33 23-0271	EA	#4015 Tee Fitting	73.20	12.18	
26 05 33 23-0272	EA	#4015D Divided Tee Fitting	76.05	12.18	
26 05 33 23-0273	EA	#4015DFO Radiused Full Capacity Divided Tee Fitting	90.55	12.18	
26 05 33 23-0274	EA	#4015FO Radiused Tee Fitting	90.83	12.18	
26 05 33 23-0275	EA	#4017 Internal Elbow	40.84	12.18	
26 05 33 23-0276	EA	#4017FO Internal Elbow	71.94	12.18	
26 05 33 23-0277	EA	#4017N Inverted Internal Elbow	45.11	12.18	
26 05 33 23-0278	EA	#4017TCA Internal Corner Coupling	38.57	12.18	
26 05 33 23-0279	EA	#4018 External Elbow	60.27	12.18	
26 05 33 23-0280	EA	#4018FO Radiused External Elbow	69.72	12.18	
26 05 33 23-0281	EA	#4046ARJ Single Locking Receptacle And Two RJ11/45 Modular Connectors Outlet Cover	58.41	5.11	
26 05 33 23-0282	EA	#4046B-2 Double Duplex Receptacle Outlet Cover	61.91	5.11	
26 05 33 23-0283	EA	#4046DRJ Duplex Receptacle And Two RJ11/45 Modular Connector Cover	61.91	5.11	
26 05 33 23-0284	EA	#4046DRJ-2 Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover	82.58	5.11	
26 05 33 23-0285	EA	#4046H-2 Tap-Off Fitting	17.77	5.11	
26 05 33 23-0286	EA	#4046JRJ Combination Single Receptacle And Phone Outlet Center	52.90	2.36	
26 05 33 23-0287	EA	#4046RRJ Rectangular Receptacle And Two RJ11/45 Modular Connector Cover	63.35	5.11	
26 05 33 23-0288	EA	#4050 Device Mounting Bracket	19.80	5.11	
26 05 33 23-0289	EA	#4074A Take-off Connector, #4000 To #3000	91.92	12.18	
26 05 33 23-0290	EA	#4075D Bridge Fitting	82.96	12.18	
26 05 33 23-0291	EA	#4075DA Bridge Fitting	82.96	12.18	
26 05 33 23-0292	EA	#4086A Panel Connector	68.16	23.19	
26 05 33 23-0293	EA	#4089 Reducing Connector Fitting	41.72	12.18	
26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) <small>(26 05)</small>					
<small>33 23-0157</small>					
Note: Available in gray enamel (G) or ivory (V).					
26 05 33 23-0295	LF	#6000B-10, 4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base	17.71	4.32	
<i>For Concrete Or Masonry Surface, Add</i>			<i>0.43</i>		
26 05 33 23-0296	LF	#6000C Raceway Cover	5.06	1.18	
26 05 33 23-0297	LF	#6000DA Divider	5.30	1.18	
26 05 33 23-0298	EA	#6000WC Wire Clips For Conductors	5.37	1.96	
26 05 33 23-0299	EA	#6001A Couplings	14.94	3.93	
26 05 33 23-0300	EA	#6001D Divider Clip	6.89	1.96	
26 05 33 23-0301	EA	#6001TX Converter Coupling	19.06	5.11	
26 05 33 23-0302	EA	#6006 Connection Cover	18.12	5.11	
26 05 33 23-0303	EA	#6007C-1 Single Gang Device Plate	18.97	5.11	
26 05 33 23-0304	EA	#6007C-2 Two Gang Device Plate	20.71	5.11	
26 05 33 23-0305	EA	#6008A C-Hanger	30.11	7.47	
26 05 33 23-0306	EA	#6010B Blank End Fittings	32.87	11.79	
26 05 33 23-0307	EA	#6011TX Combination Flat Elbow	60.61	11.79	
26 05 33 23-0308	EA	#6012TX Internal - External 45 Degree Elbow	61.57	11.32	
26 05 33 23-0309	EA	#6014A Connector Fitting	87.42	12.18	
26 05 33 23-0310	EA	#6017TX Combination Internal-External Elbow	62.90	13.36	
26 05 33 23-0311	EA	#6046KD Circuit Breaker Housing	108.55	13.36	
26 05 33 23-0312	EA	#6074 Take-off Connector, #6000 To #6000	104.64	11.79	
26 05 33 23-0313	EA	#6074A Take-off Connector, #6000 To #4000	113.11	11.79	
26 05 33 23-0314	EA	#6086 Panel Connector	70.66	27.35	
26 05 33 23-0315 Two Piece Surface Aluminum Raceways <small>(26 05 33 23-0056)</small>					
Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).					
26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold					
#AL2000) <small>(26 05 33 23-0315)</small>					
26 05 33 23-0317	LF	#AL2000B, 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base	7.65	1.96	
<i>For Concrete Or Masonry Surface, Add</i>			<i>0.20</i>		
26 05 33 23-0318	LF	#AL2000C Aluminum Raceway Cover	3.73	0.39	
26 05 33 23-0319	EA	#AL2000WC Wire Clip	3.74	1.57	
26 05 33 23-0320	EA	#AL2001 Coupling	8.39	1.96	
26 05 33 23-0321	EA	#AL2003 Supporting Clip	4.03	1.18	

26 Electrical

26 05 Common Work Results For Electrical

26 05 33 Raceway And Boxes For Electrical Systems



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 33 23-0322	EA	#AL2006 Cover Clip.....	5.07	1.18
26 05 33 23-0323	EA	#AL2009 Ground Clamp.....	7.29	1.96
26 05 33 23-0324	EA	#AL2010A Entrance End Fitting.....	20.43	5.89
26 05 33 23-0325	EA	#AL2010B Blank End Fitting.....	6.62	1.96
26 05 33 23-0326	EA	#AL2011 Flat 90 Degree Elbow.....	23.45	5.11
26 05 33 23-0327	EA	#AL2015 Tee.....	31.86	7.39
26 05 33 23-0328	EA	#AL2017 Internal Corner Elbow.....	21.12	3.93
26 05 33 23-0329	EA	#AL2018 External Corner Elbow.....	21.08	3.93
26 05 33 23-0330	EA	#AL2043 In-Line Receptacle, Two 15 Amp.....	34.66	7.78
26 05 33 23-0331	EA	#AL2038 4-13/16" Round Fixture Box.....	78.79	7.00
26 05 33 23-0332	EA	#AL2044 4-1/2" x 3" x 2-1/4" D Box.....	35.57	7.00
26 05 33 23-0333	EA	#AL2044-2 4-5/8" x 4-7/8" x 2-1/2" D Box.....	72.73	7.78
26 05 33 23-0334	EA	#AL2047 Single Gang Shallow Device Box.....	36.80	7.00
26 05 33 23-0335	EA	#AL2047-2 2-Gang Shallow Device Box.....	64.42	7.78
26 05 33 23-0336	EA	#AL2051H Flush Plate Adapter.....	28.22	7.78

26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)

26 05 33 23-0338	LF	#AL2400B, 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base.....	8.10	1.96
<i>For Concrete Or Masonry Surface, Add</i>			0.20	
26 05 33 23-0339	LF	#AL2400C Aluminum Raceway Cover.....	3.55	0.39
26 05 33 23-0340	EA	#AL2400WC Wire Clip.....	4.80	1.57
26 05 33 23-0341	EA	#AL2401 Coupling.....	9.39	1.96
26 05 33 23-0342	EA	#AL2406 Cover Clip.....	6.13	1.18
26 05 33 23-0343	EA	#AL2409 Ground Clamp.....	5.44	1.57
26 05 33 23-0344	EA	#AL2410B Blank End.....	6.97	1.96
26 05 33 23-0345	EA	#AL2410B2 End Fitting.....	15.47	5.89
26 05 33 23-0346	EA	#AL2411 Flat 90 Degree Elbow.....	26.71	5.89
26 05 33 23-0347	EA	#AL2415 Tee.....	28.95	5.81
26 05 33 23-0348	EA	#AL2416 Fourway Fitting.....	33.68	5.81
26 05 33 23-0349	EA	#AL2417 Internal Coupling.....	26.61	5.81
26 05 33 23-0350	EA	#AL2418 External Coupling.....	28.51	5.81
26 05 33 23-0351	EA	#AL2451H 4-1/2" x 4-1/2" Back Feed Fitting.....	24.02	5.89

26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300)

26 05 33 23-0353	LF	#AL3300B, 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base.....	13.95	3.54
<i>For Concrete Or Masonry Surface, Add</i>			0.35	
26 05 33 23-0354	LF	#AL3300CE Aluminum Raceway Cover.....	3.90	0.39
26 05 33 23-0355	LF	#AL3300D Raceway Divider.....	3.24	3.54
26 05 33 23-0356	EA	#AL3300WC Wire Clips For Conductors.....	6.47	1.57
26 05 33 23-0357	EA	#AL3301 Couplings.....	12.20	1.57
26 05 33 23-0358	EA	#AL3301D Divider Coupling.....	9.84	1.96
26 05 33 23-0359	EA	#AL3309 Ground Clamp.....	6.70	1.57
26 05 33 23-0360	EA	#AL3310B Blank End Fittings.....	13.89	3.15
26 05 33 23-0361	EA	#AL3310B1 End Fitting.....	23.31	7.47
26 05 33 23-0362	EA	#AL3311 Flat 90 Degree Elbow.....	66.83	9.74
<i>Note: Includes two (2) AL3301 couplings.</i>				
26 05 33 23-0363	EA	#AL3315 Tee Fitting.....	76.98	12.18
<i>Note: Includes three (3) AL3301 couplings.</i>				
26 05 33 23-0364	EA	#AL3316 Cross Fitting.....	86.56	12.18
<i>Note: Includes four (4) AL3301 couplings.</i>				
26 05 33 23-0365	EA	#AL3317 Internal Elbow.....	62.10	7.47
<i>Note: Includes two (2) AL3301 couplings.</i>				
26 05 33 23-0366	EA	#AL3318 External Elbow.....	62.17	7.47
<i>Note: Includes two (2) AL3301 couplings.</i>				
26 05 33 23-0367	EA	#AL3346D Duplex Receptacle Cover.....	13.99	2.36
26 05 33 23-0368	EA	#AL3346E Single Receptacle Cover.....	13.91	2.36
26 05 33 23-0369	EA	#AL3346G GFCI/ Surge Receptacle Cover.....	13.77	2.36
26 05 33 23-0370	EA	#AL3356R Single Device Cover Plate.....	13.66	1.96

26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200)

26 05 33 23-0372	LF	#AL5200B-10, 5" x 2" Two Piece Surface Aluminum Raceway Base.....	18.05	3.54
<i>For Concrete Or Masonry Surface, Add</i>			0.38	
26 05 33 23-0373	LF	#AL5200C Aluminum Raceway Cover.....	7.32	0.39
26 05 33 23-0374	LF	#AL5200D Divider.....	4.31	0.39
26 05 33 23-0375	EA	#AL5200WC Wire Clips For Conductors.....	5.96	1.96
26 05 33 23-0376	EA	#AL5200WC2 Wire Clips For Conductors.....	5.03	1.96
26 05 33 23-0377	EA	#AL5200WC3 Wire Clips For Conductors.....	5.00	1.96
26 05 33 23-0378	EA	#AL5201 Couplings.....	11.83	2.36
26 05 33 23-0379	EA	#AL5206 Cover Clip.....	10.36	2.36
26 05 33 23-0380	EA	#AL5209 Ground Adapter.....	13.00	2.36
26 05 33 23-0381	EA	#AL5210B Blank End Fittings.....	13.64	3.15
26 05 33 23-0382	EA	#AL5210B1 Blank End Fittings.....	14.60	3.15
26 05 33 23-0383	EA	#AL5210B2 Blank End Fittings.....	14.82	3.15
26 05 33 23-0384	EA	#AL5210B3 Blank End Fittings.....	14.38	3.15
26 05 33 23-0385	EA	#AL5211 Flat 90 Degree Elbow.....	74.15	9.82
<i>Note: Includes two (2) pairs of AL5201 couplings.</i>				
26 05 33 23-0386	EA	#AL5214 Wall Box Connector.....	58.95	12.18
26 05 33 23-0387	EA	#AL5215 Tee Fitting.....	86.86	12.18
<i>Note: Includes three (3) pairs of AL5201 couplings.</i>				

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0388	EA		#AL5216 Four Way Fitting Note: Includes four (4) pairs of AL5201 couplings.	95.12	12.18
26 05 33 23-0389	EA		#AL5217 Internal Elbow..... Note: Includes two (2) pairs of AL5201 couplings.	77.25	12.18
26 05 33 23-0390	EA		#AL5217A Internal Corner Coupling.....	33.77	12.18
26 05 33 23-0391	EA		#AL5217N Inverted Internal Elbow	79.35	12.18
26 05 33 23-0392	EA		#AL5218 External Elbow	77.90	12.18
			Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393	EA		#AL5246B Blank Device Cover Plate	16.66	2.36
26 05 33 23-0394	EA		#AL5246D Receptacle Device Cover Plate	19.68	2.36
26 05 33 23-0395	EA		#AL5246DD Double Receptacle Device Cover Plate	23.30	2.36
26 05 33 23-0396	EA		#AL5246F Device Cover Plate.....	21.87	2.36
26 05 33 23-0397	EA		#AL5246G Device Cover Plate.....	20.22	2.36
26 05 33 23-0398	EA		#AL5260 Offset Divider.....	19.20	5.11
26 05 33 23-0399			3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800) <small>(26 05 33 23-0315)</small>		
26 05 33 23-0400	LF		#ALA3800B-10 Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base	15.97	3.54
26 05 33 23-0401	EA		#ALA3806 Cover Clip	7.72	2.36
26 05 33 23-0402	EA		#ALA3810B Blank End Fittings.....	13.39	3.15
26 05 33 23-0403	EA		#ALA3810B1 Entrance End Cap Fittings.....	14.34	3.15
26 05 33 23-0404	EA		#ALA3811 Flat 90 Degree Elbow..... Note: Includes two (2) ALA01 couplings.	72.41	9.82
26 05 33 23-0405	EA		#ALA3815 Flat Tee Fitting	75.05	12.18
			Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406	EA		#ALA3817 Internal Elbow	73.23	12.18
			Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407	EA		#ALA3817N Inverted Internal Elbow.....	85.84	12.18
			Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0408	EA		#ALA3818 External Elbow..... Note: Includes two (2) ALA01 couplings.	74.17	12.18
26 05 33 23-0409			6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800) <small>(26 05 33 23-0315)</small>		
26 05 33 23-0410	LF		#ALA4800B-10 Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base	23.67	3.54
26 05 33 23-0411	EA		#ALA4806 Cover Clip	10.42	2.36
26 05 33 23-0412	EA		#ALA4810B Blank End Fittings.....	13.67	3.15
26 05 33 23-0413	EA		#ALA4810B2 Entrance End Cap Fittings.....	15.13	3.15
26 05 33 23-0414	EA		#ALA4811 Flat 90 Degree Elbow..... Note: Includes four (4) ALA01 couplings.	86.31	9.82
26 05 33 23-0415	EA		#ALA4815 Flat Tee Fitting	117.81	12.18
			Note: Includes six (6) ALA01 couplings.		
26 05 33 23-0416	EA		#ALA4817 Internal Elbow	80.54	12.18
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0417	EA		#ALA4817N Inverted Internal Elbow.....	94.27	12.18
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0418	EA		#ALA4818 External Elbow	84.41	12.18
			Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0419			Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800) <small>(26 05 33 23-0315)</small>		
26 05 33 23-0420	LF		#ALAC-5 3" Wide Aluminum Raceway Cover..... Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.	5.09	0.39
26 05 33 23-0421	EA		#ALAWC Wire Clips.....	4.72	1.96
26 05 33 23-0422	EA		#ALA01 Slide Couplings	11.96	2.36
26 05 33 23-0423	EA		#ALA09 Grounding Adapter.....	10.35	2.36
26 05 33 23-0424	EA		#ALA11RI Bend Radius Control Insert For Flat Elbow	28.19	9.82
26 05 33 23-0425	EA		#ALA17A Internal Corner Coupling.....	33.74	12.18
26 05 33 23-0426	EA		#ALA17/18RI Bend Radius Control Insert For Internal And External Elbow	31.09	9.82
26 05 33 23-0427	EA		#ALA-BL Blank Cover Plate.....	12.52	2.36
26 05 33 23-0428	EA		#ALA-DR Duplex Receptacle Cover Plate.....	13.31	2.36
26 05 33 23-0429	EA		#ALA-E Single Receptacle Cover Plate, 1.40" Diameter Opening.....	13.83	2.36
26 05 33 23-0430	EA		#ALA-F Single Receptacle Cover Plate, 1.59" Diameter Opening.....	14.44	2.36
26 05 33 23-0431	EA		#ALA-G GFCI/Surge/Decorator Cover Plate.....	13.42	2.36
26 05 33 23-0432	EA		#ALA-J Single Receptacle Cover Plate, 2.13" Diameter Opening	13.85	2.36
26 05 33 23-0433	EA		#ALA-N Toggle Switch Cover Plate	14.19	2.36
26 05 33 23-0434	EA		#ALA-LPB Active LPB Cover Plate	18.03	2.36
26 05 33 23-0435	EA		#ALA-MAB Active MAB Cover Plate.....	16.98	2.36
26 05 33 23-0436	EA		#ALA-MABRT Ortronics Cover Plate.....	19.49	2.36
26 05 33 23-0437	EA		#ALA-SG 1-3/4" x 2-3/4" Cover Plate	13.82	2.36
26 05 33 23-0438	EA		#ALA-2A Active 2A Cover Plate.....	18.85	2.36
26 05 33 23-0439	EA		#ALA-ABRT Ortronics Communications Cover Plate	17.29	2.36
26 05 33 23-0440	EA		#ALA-Z 3/4" Grommet/Mousehole Cover Plate	14.16	2.36
26 05 33 23-0441	EA		#ALA-LPB3S2 Ortronics Low Profile Cover Plate.....	17.44	2.36
26 05 33 23-0442			Surface Metal Raceway, Preassembled With Outlets <small>(26 05 33 23-0056)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. Labor units to include material handling, unloading at job site, layout of job, measuring, cutting and assembly (Wiremold or approved equal).		
26 05 33 23-0443	LF		Plugmold #2000, 3' With Outlets 6" On Center, Single Circuit..... <i>For Concrete Or Masonry Surface, Add</i>	21.26 0.63	6.27
26 05 33 23-0444	LF		Plugmold #2000, 6' With Outlets 6" On Center, Single Circuit..... <i>For Concrete Or Masonry Surface, Add</i>	16.52 0.45	4.47

26 Electrical
26 05 Common Work Results For Electrical
26 05 33 Raceway And Boxes For Electrical Systems

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 23-0445	LF	Plugmold #2000, 6' With Outlets 9" On Center, Single Circuit.....	15.50	4.73
		<i>For Concrete Or Masonry Surface, Add</i>	0.47	
26 05 33 23-0446	LF	Plugmold #2000, 6' With Outlets 12" On Center, Single Circuit.....	17.16	4.47
		<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0447	LF	Plugmold #2000, 6' With Outlets 18" On Center, Single Circuit.....	13.82	4.56
		<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0448	LF	Plugmold #2000, 6' With Outlets 9" On Center, Two Circuits.....	19.29	4.47
		<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0449	LF	Plugmold #2000, 6' With Outlets 12" On Center, Two Circuits.....	16.97	4.47
		<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0450	LF	Plugmold #2000, 6' With Outlets 18" On Center, Two Circuits.....	18.37	4.47
		<i>For Concrete Or Masonry Surface, Add</i>	0.45	

26 05 33 23-0451 Surface Non-Metallic Raceways (26 05 33 23-0001)
 Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation.

26 05 33 23-0452 One Piece Surface Non-Metallic Raceways (26 05 33 23-0451)
 Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).

26 05 33 23-0453 #400, 7/8" x 7/16" (26 05 33 23-0452)

26 05 33 23-0454	LF	#400BAC, 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover.....	4.67	1.57
		<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0455	EA	#400WC Wire Clip	3.47	1.57
26 05 33 23-0456	EA	#406 Cover Clip	3.68	1.57
26 05 33 23-0457	EA	#410B Blank End Clip.....	7.04	3.15
26 05 33 23-0458	EA	#411 Flat 90 Degree Elbow	8.31	3.15
26 05 33 23-0459	EA	#415 Tee.....	10.45	3.93
26 05 33 23-0460	EA	#417 Internal Elbow	8.14	3.15
26 05 33 23-0461	EA	#418 External Elbow	8.14	3.15

26 05 33 23-0462 #800, 1-5/16" x 7/16" (26 05 33 23-0452)

26 05 33 23-0463	LF	#800BAC, 1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover.....	5.47	1.57
		<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0464	EA	#800WC Wire Clip	3.53	1.57
26 05 33 23-0465	EA	#806 Cover Clip	3.62	1.57
26 05 33 23-0466	EA	#810A2 Entrance End Fitting.....	11.44	3.15
26 05 33 23-0467	EA	#810B Blank End Fitting	7.12	3.15
26 05 33 23-0468	EA	#811 Flat 90 Degree Elbow	8.38	3.15
26 05 33 23-0469	EA	#815 Tee.....	10.52	3.93
26 05 33 23-0470	EA	#817 Internal Elbow	8.19	3.15
26 05 33 23-0471	EA	#818 External Elbow	8.19	3.15
26 05 33 23-0472	EA	#889A End Reducer, #800 To #400.....	9.37	3.15

26 05 33 23-0473 #2300, 2-1/4" x 11/16" (26 05 33 23-0452)

26 05 33 23-0474	LF	#2300BAC, 2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover.....	6.37	1.57
		<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0475	LF	#2300BACD, 2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover.....	6.81	1.57
		<i>For Concrete Or Masonry Surface, Add</i>	0.16	
26 05 33 23-0476	EA	#2300WC Wire Clip	3.73	1.57
26 05 33 23-0477	EA	#2306 Cover Clip	3.95	1.57
26 05 33 23-0478	EA	#2310A Entrance End Fitting.....	12.51	3.15
26 05 33 23-0479	EA	#2310B Blank End Fitting	7.55	3.15
26 05 33 23-0480	EA	#2310DFO Divided Entrance End Fitting.....	14.20	3.15
26 05 33 23-0481	EA	#2311 Flat 90 Degree Elbow	8.55	3.15
26 05 33 23-0482	EA	#2311DFO Divided Flat 90 Degree Elbow	9.27	3.15
26 05 33 23-0483	EA	#2315 Tee.....	10.62	3.93
26 05 33 23-0484	EA	#2317 Internal Elbow	8.55	3.15
26 05 33 23-0485	EA	#2317DFO Divided Internal Elbow.....	9.28	3.15
26 05 33 23-0486	EA	#2318 External Elbow	8.57	3.15
26 05 33 23-0487	EA	#2318DFO Divided External Elbow.....	9.41	3.15
26 05 33 23-0488	EA	#2389 End Reducer, #2300 To #400.....	9.42	3.15
26 05 33 23-0489	EA	#2389A End Reducer, #2300 To #800.....	9.88	3.15

26 05 33 23-0490 #400, #800 Or #2300 Fittings (26 05 33 23-0452)

26 05 33 23-0491	EA	#2336 Blank Cover, 4-1/2" Diameter	10.73	2.75
26 05 33 23-0492	EA	#2337A Extension Box, 5-1/2" Diameter.....	18.05	3.15
26 05 33 23-0493	EA	#2338-A Fixture Box, 5-1/2" Diameter	18.16	3.15
26 05 33 23-0494	EA	#2344 Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide.....	16.28	3.15
26 05 33 23-0495	EA	#2344-2 Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide.....	19.03	3.15
26 05 33 23-0496	EA	#2344D Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide.....	17.83	3.15
26 05 33 23-0497	EA	#2344SD-2A Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide.....	19.46	3.15
26 05 33 23-0498	EA	#2347 1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide.....	15.60	5.11
26 05 33 23-0499	EA	#2347-2 2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide.....	18.02	5.11
26 05 33 23-0500	EA	#2348 1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide.....	16.30	5.11
26 05 33 23-0501	EA	#2348-2 2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide.....	19.95	5.11
26 05 33 23-0502	EA	#2348-3 3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide.....	24.20	5.11
26 05 33 23-0503	EA	#2348AMP 1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide.....	22.85	5.11
26 05 33 23-0504	EA	#2348D 1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide.....	20.53	5.11
26 05 33 23-0505	EA	#2348S/51 Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide.....	15.23	5.11

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

26 05 33 23-0506		#2700, 3/4" x 3/8" <small>(26 05 33 23-0452)</small>		
26 05 33 23-0507	LF	#2700, 3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover	4.36	1.57
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.16</i>	
26 05 33 23-0508	EA	#2700WC 3/4" Wire Clip	1.83	0.78
26 05 33 23-0509	EA	#2706 Cover Clip	2.85	0.78
26 05 33 23-0510	EA	#2710B Blank End	4.42	1.57
26 05 33 23-0511	EA	#2711 Flat 90 Degree Elbow	5.23	1.96
26 05 33 23-0512	EA	#2715 Tee	8.39	3.54
26 05 33 23-0513	EA	#2717 Internal Elbow	6.01	2.36
26 05 33 23-0514	EA	#2718 External Elbow	6.00	2.36
26 05 33 23-0515	EA	#2786 Drop Ceiling Connector	7.10	2.75

26 05 33 23-0516		#2800, 1" x 1/2" <small>(26 05 33 23-0452)</small>		
26 05 33 23-0517	LF	#2800, 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover	5.62	1.96
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.20</i>	
26 05 33 23-0518	EA	#2800WC 1" Wire Clip	2.72	1.18
26 05 33 23-0519	EA	#2806 Cover Clip	3.73	1.18
26 05 33 23-0520	EA	#2810B Blank End	5.30	1.96
26 05 33 23-0521	EA	#2811 Flat 90 Degree Elbow	6.93	2.75
26 05 33 23-0522	EA	#2811FO RADIUS Flat 90 Degree Elbow	7.43	2.75
26 05 33 23-0523	EA	#2815 Tee	10.07	4.32
26 05 33 23-0524	EA	#2817 Internal Elbow	7.70	3.15
26 05 33 23-0525	EA	#2818 External Elbow	7.72	3.15
26 05 33 23-0526	EA	#2815FO RADIUS Tee	10.74	4.32
26 05 33 23-0527	EA	#2817FO RADIUS Internal Elbow	8.30	3.15
26 05 33 23-0528	EA	#2818FO RADIUS External Elbow	8.22	3.15
26 05 33 23-0529	EA	#2886 Drop Ceiling Connector	8.70	3.54
26 05 33 23-0530	EA	#2889 2800-2700 Reducer	7.84	3.15

26 05 33 23-0531		#2900, 1-1/2" x 3/4" <small>(26 05 33 23-0452)</small>		
26 05 33 23-0532	LF	#2900, 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover	6.84	2.36
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.24</i>	
26 05 33 23-0533	EA	#2900WC 1-1/2" Wire Clip	3.60	1.57
26 05 33 23-0534	EA	#2906 Cover Clip	4.63	1.57
26 05 33 23-0535	EA	#2910B Blank End	6.19	2.36
26 05 33 23-0536	EA	#2911 Flat 90 Degree Elbow	7.78	3.15
26 05 33 23-0537	EA	#2915 Tee	10.92	4.71
26 05 33 23-0538	EA	#2915FO RADIUS Tee	11.72	4.71
26 05 33 23-0539	EA	#2911FO RADIUS Flat 90 Degree Elbow	8.56	3.15
26 05 33 23-0540	EA	#2917 Internal Elbow	8.57	3.54
26 05 33 23-0541	EA	#2917FO RADIUS Internal Elbow	9.38	3.54
26 05 33 23-0542	EA	#2918 External Elbow	8.56	3.54
26 05 33 23-0543	EA	#2918FO RADIUS External Elbow	9.61	3.54
26 05 33 23-0544	EA	#2986 Drop Ceiling Connector	8.70	3.54
26 05 33 23-0545	EA	#2989 2900-2800 Reducer	9.66	3.93
26 05 33 23-0546	EA	#2989A 2900-2700 Reducer	9.39	3.93

26 05 33 23-0547 **Two Piece Surface Non-Metallic Raceways** (26 05 33 23-0451)
 Note: Exposed on flat wall surface. Labor units include material unloading, unpacking at job site, layout of job, assembly and installation. (Wiremold or approved equal).

26 05 33 23-0548		#5000, 5" x 1" <small>(26 05 33 23-0547)</small>		
26 05 33 23-0549	LF	#5000B, 5" x 1" Two Piece Surface Non-Metallic Raceway Base	10.91	3.54
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.35</i>	
26 05 33 23-0550	LF	#5000C Cover, Black, Gray Or White	10.32	3.54
26 05 33 23-0551	LF	#5000COA Cover, Oak Veneer	20.29	3.54
26 05 33 23-0552	LF	#5000CW Cover, Maple Wood Veneer	16.35	3.54
26 05 33 23-0553	LF	#5000T Quarter Round Trim, Black, Gray Or White	1.49	0.39
26 05 33 23-0554	LF	#5000TOA Quarter Round Trim, Oak Veneer	6.49	0.39
26 05 33 23-0555	LF	#5000TW Quarter Round Trim, Maple Wood Veneer	3.98	0.39
26 05 33 23-0556	EA	#5001 Base Coupling	9.88	3.93
26 05 33 23-0557	EA	#5004 Blank/Coax Adapter	5.61	1.96
26 05 33 23-0558	EA	#5005 Low Voltage Blank Plate	7.56	2.36
26 05 33 23-0559	EA	#5006 Cover Clip	10.72	3.93
26 05 33 23-0560	EA	#5006A Internal Wire Guard	9.96	3.93
26 05 33 23-0561	EA	#5007C Device Bracket	11.52	3.93
26 05 33 23-0562	EA	#5007C-1 Device Plate	20.67	7.86
26 05 33 23-0563	EA	#5007C-2 Deep Device Plate	21.47	7.86
26 05 33 23-0564	EA	#5010 End Cap, Right Or Left	17.83	7.47
26 05 33 23-0565	EA	#5010A Entrance End Feed	35.25	12.18
26 05 33 23-0566	EA	#5017B Internal Base Elbow	24.09	9.82
26 05 33 23-0567	EA	#5017C Internal Cover Elbow	22.00	7.86
26 05 33 23-0568	EA	#5017WG Internal Elbow Wire Guard	14.94	5.89
26 05 33 23-0569	EA	#5018B External Base Elbow	24.04	9.82
26 05 33 23-0570	EA	#5018C External Cover Elbow	22.22	7.86
26 05 33 23-0571	EA	#5018WG External Elbow Wire Guard	9.74	3.93

26 05 33 23-0572		#5400, 5-1/4" x 1-11/16" <small>(26 05 33 23-0547)</small>		
26 05 33 23-0573	LF	#5400TB Two Compartment, 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base	11.57	3.54
		<i>For Concrete Or Masonry Surface, Add</i>	<i>0.35</i>	
26 05 33 23-0574	LF	#5400C Full Width Cover	4.08	0.39

26 Electrical**26 05 Common Work Results For Electrical****26 05 33 Raceway And Boxes For Electrical Systems**

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

26 05 33 23-0575	LF		#5400TC Twin Snap Cover.....	2.61	0.39
26 05 33 23-0576	EA		#5400TWC Twin Snap Cover Wire Clips.....	4.41	1.96
26 05 33 23-0577	EA		#5406A Cover Clip.....	7.51	2.36
26 05 33 23-0578	EA		#5406T Twin Cover Clip.....	6.30	2.36
26 05 33 23-0579	EA		#5406TB Base Seam Clip.....	5.61	2.36
26 05 33 23-0580	EA		#5408 L Or R (Left Or Right) Transition Fitting.....	42.94	12.18
26 05 33 23-0581	EA		#5410 End Cap.....	20.90	7.47
26 05 33 23-0582	EA		#5410DFO Radiused Divided Entrance Cap Fitting.....	41.19	12.18
26 05 33 23-0583	EA		#5411FO Radiused Flat 90 Degree Elbow.....	37.67	9.82
26 05 33 23-0584	EA		#5415 Tee Fitting.....	43.37	12.18
26 05 33 23-0585	EA		#5415FO Radiused Tee Fitting.....	45.46	12.18
26 05 33 23-0586	EA		#5417FO Radiused Internal Elbow.....	35.70	12.18
26 05 33 23-0587	EA		#5418 External Elbow.....	36.22	12.18
26 05 33 23-0588	EA		#5418FO Radiused External Elbow.....	36.70	12.18
26 05 33 23-0589	EA		#5450 5-5/32" x 6" Device Bracket.....	17.45	3.93
26 05 33 23-0590	EA		#5450A3 7-19/32" x 7-1/2" Device Bracket.....	23.15	3.93
26 05 33 23-0591	EA		#5450T 2-1/2" x 4-7/8" Twin Snap Device Bracket.....	13.23	3.93
26 05 33 23-0592	EA		#5474 Transition Fitting.....	37.68	12.18

26 05 33 23-0593 #5500, 6-11/16" x 1-11/16" (26 05 33 23-0547)

26 05 33 23-0594	LF		#5500BD3 Three Compartment Divided, 6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceway Base.....	14.56	3.54
			<i>For Concrete Or Masonry Surface, Add</i>	0.35	
26 05 33 23-0595	LF		#5500C Cover.....	5.37	0.39
26 05 33 23-0596	EA		#5500WC Wire Clips.....	5.17	1.96
26 05 33 23-0597	EA		#5506 Cover Clip.....	8.47	2.36
26 05 33 23-0598	EA		#5506B Base Seam Clip Fitting.....	5.93	2.36
26 05 33 23-0599	EA		#5507AD Modular Furniture Adapter.....	7.88	2.36
26 05 33 23-0600	EA		#5507B Blank Faceplate.....	7.91	2.36
26 05 33 23-0601	EA		#5507D Duplex Receptacle Faceplate.....	7.96	2.36
26 05 33 23-0602	EA		#5507FRJ Dual RJ Connector Faceplate.....	7.96	2.36
26 05 33 23-0603	EA		#5507R Rectangular Receptacle Faceplate.....	7.87	2.36
26 05 33 23-0604	EA		#5507RJ Dual RJ Connector Faceplate.....	7.89	2.36
26 05 33 23-0605	EA		#5507S Rectangular Spacer Fitting.....	7.83	2.36
26 05 33 23-0606	EA		#5507SW Switch Faceplate.....	7.85	2.36
26 05 33 23-0607	EA		#5507T1 Twistlock Faceplate.....	7.91	2.36
26 05 33 23-0608	EA		#5507T2 Single Receptacle Faceplate.....	7.74	2.36
26 05 33 23-0609	EA		#5550 6-5/8" x 6" Device Bracket.....	20.94	3.93
26 05 33 23-0610	EA		#5550A4 9-5/8" x 7-1/2" Device Bracket.....	28.29	3.93
26 05 33 23-0611	EA		#5510 End Cap.....	22.74	7.47
26 05 33 23-0612	EA		#5510D Entrance End Fitting.....	47.08	12.18
26 05 33 23-0613	EA		#5511FO Radiused Flat 90 Degree Elbow.....	43.09	9.82
26 05 33 23-0614	EA		#5514A Backfeed Connector.....	34.41	9.82
26 05 33 23-0615	EA		#5515 Tee Fitting.....	49.53	12.18
26 05 33 23-0616	EA		#5517FO Radiused Internal Elbow.....	39.46	12.18
26 05 33 23-0617	EA		#5518 External Elbow.....	40.47	12.18
26 05 33 23-0618	EA		#5518FO Radiused External Elbow.....	42.59	12.18
26 05 33 23-0619	EA		#5574 Transition Fitting.....	38.44	12.18
26 05 33 23-0620	EA		#5574A Transition Fitting.....	52.20	12.18

26 05 36 Cable Trays For Electrical Systems (26 05)**26 05 36 00-0001 Cable Trays** (26 05 36)

Note: Excludes supporting hangers.

26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray (26 05 36 00-0001)**26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray**

(26 05 36 00-0002)

26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0005	LF		6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	23.58	8.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.67	
26 05 36 00-0006	LF		9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	25.40	8.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.80	
26 05 36 00-0007	LF		12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	27.72	9.54
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.97	
26 05 36 00-0008	LF		18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	30.55	10.14
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.21	
26 05 36 00-0009	LF		24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	33.15	10.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.44	
26 05 36 00-0010	LF		30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	40.00	12.13
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.99	
26 05 36 00-0011	LF		36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	45.03	13.84
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.35	

26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray (26 05 36 00-0003)

26 05 36 00-0013	LF		6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	22.42	8.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.57	
26 05 36 00-0014	LF		9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	24.17	8.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.70	
26 05 36 00-0015	LF		12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	25.88	9.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-1.81	

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	28.14 -1.99	9.89
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	30.08 -2.16	10.23
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	35.23 -2.54	11.78
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	38.53 -2.78	12.90
26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>				
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.69 -1.51	8.00
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	22.38 -1.55	8.26
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	24.43 -1.71	8.77
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	26.55 -1.89	9.20
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	28.47 -2.06	9.46
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	31.01 -2.24	10.31
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	33.38 -2.41	11.17
26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>				
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.00 -1.46	7.65
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.44 -1.49	7.83
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	22.68 -1.58	8.26
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	23.98 -1.68	8.68
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	24.77 -1.76	8.68
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	27.24 -1.94	9.37
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	28.68 -2.05	9.80
26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>				
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	20.69 -1.44	7.48
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	21.06 -1.47	7.65
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	22.30 -1.56	8.08
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	23.40 -1.64	8.43
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	23.74 -1.66	8.51
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	25.28 -1.77	9.11
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	26.41 -1.84	9.63
26 05 36 00-0044 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>				
26 05 36 00-0045 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>				
26 05 36 00-0046	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	196.63 -12.48	86.23
26 05 36 00-0047	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	220.85 -13.90	98.18
26 05 36 00-0048	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	243.11 -15.27	108.58
26 05 36 00-0049	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	302.49 -19.16	133.08
26 05 36 00-0050	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	345.43 -21.81	152.77
26 05 36 00-0051	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	405.93 -26.26	171.94

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0052	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	467.06 -30.33	196.52
26 05 36 00-0053			24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0054	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	258.73 -18.40	89.66
26 05 36 00-0055	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	284.43 -19.85	103.07
26 05 36 00-0056	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	307.88 -21.24	114.60
26 05 36 00-0057	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	363.30 -24.47	142.37
26 05 36 00-0058	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	410.52 -27.29	165.15
26 05 36 00-0059	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	459.48 -30.33	187.41
26 05 36 00-0060	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	536.66 -35.58	217.07
26 05 36 00-0061			36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0062	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	277.24 -19.91	93.70
26 05 36 00-0063	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	308.52 -21.81	108.49
26 05 36 00-0064	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	336.03 -23.48	121.39
26 05 36 00-0065	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	407.63 -28.03	152.77
26 05 36 00-0066	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	467.03 -31.76	179.34
26 05 36 00-0067	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	545.61 -37.37	206.33
26 05 36 00-0068	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	624.22 -42.22	242.43
26 05 36 00-0069			12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0070	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	145.31 -24.00 -43.48 -9.33	62.49
26 05 36 00-0071	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	167.75 -26.64 -48.55 -10.53	74.96
26 05 36 00-0072	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	187.83 -29.03 -53.16 -11.62	85.97
26 05 36 00-0073	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	228.13 -33.64 -62.10 -13.76	108.66
26 05 36 00-0074	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	282.32 -42.15 -77.65 -17.14	133.08
26 05 36 00-0075	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	331.98 -50.98 -93.46 -20.47	152.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0076 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	379.61 -56.52 -104.16 -23.02	179.34
26 05 36 00-0077 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0078 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	159.52 -27.94 -50.14 -10.58	64.48
26 05 36 00-0079 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	185.03 -31.26 -56.42 -12.03	77.72
26 05 36 00-0080 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	211.76 -35.48 -64.12 -13.70	89.75
26 05 36 00-0081 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	254.92 -40.18 -73.34 -15.94	114.60
26 05 36 00-0082 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	314.55 -49.24 -89.98 -19.59	142.37
26 05 36 00-0083 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	367.65 -58.03 -105.89 -23.01	165.15
26 05 36 00-0084 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	433.54 -67.71 -123.78 -26.97	196.61
26 05 36 00-0085 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0086 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	185.65 -35.77 -63.31 -13.02	66.54
26 05 36 00-0087 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	213.67 -39.54 -70.39 -14.63	80.81
26 05 36 00-0088 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	237.00 -42.26 -75.64 -15.88	93.79
26 05 36 00-0089 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	289.80 -49.09 -88.56 -18.86	121.39
26 05 36 00-0090 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	347.11 -55.98 -101.78 -21.98	152.77
26 05 36 00-0091 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	418.28 -69.28 -125.43 -26.88	179.34
26 05 36 00-0092 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	494.63 -80.01 -145.41 -31.37	217.07
26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0094	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	208.57 -13.69	85.97
26 05 36 00-0095	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	230.48 -14.86	98.18
26 05 36 00-0096	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	249.96 -15.95	108.58
26 05 36 00-0097	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	293.85 -18.30	133.08
26 05 36 00-0098	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	329.70 -20.24	152.77
26 05 36 00-0099	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	367.62 -22.43	171.94
26 05 36 00-0100	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	411.19 -24.76	196.26
26 05 36 00-0101			24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0102	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	241.77 -16.70	89.66
26 05 36 00-0103	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	266.50 -18.05	103.16
26 05 36 00-0104	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	289.36 -19.38	114.60
26 05 36 00-0105	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	340.79 -22.22	142.37
26 05 36 00-0106	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	384.01 -24.64	165.15
26 05 36 00-0107	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	427.21 -27.10	187.41
26 05 36 00-0108	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	490.91 -31.00	217.07
26 05 36 00-0109			36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0110	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	280.78 -20.27	93.70
26 05 36 00-0111	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	310.00 -21.95	108.58
26 05 36 00-0112	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	332.97 -23.18	121.39
26 05 36 00-0113	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	395.74 -26.84	152.77
26 05 36 00-0114	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	441.51 -29.21	179.34
26 05 36 00-0115	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	505.99 -33.41	206.33
26 05 36 00-0116	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	576.60 -37.46	242.43
26 05 36 00-0117			12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0118	EA		6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	379.78 -24.22	165.15
26 05 36 00-0119	EA		9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	411.31 -26.19	179.34
26 05 36 00-0120	EA		12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	431.02 -27.48	187.41
26 05 36 00-0121	EA		18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	479.69 -30.78	206.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	540.97	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.01	
26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	595.20	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.28	
26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	673.68	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.46	
26 05 36 00-0125 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>					
26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	462.83	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.34	
26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	499.34	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.55	
26 05 36 00-0128	EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	521.84	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.99	
26 05 36 00-0129	EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	546.86	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.60	
26 05 36 00-0130	EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	639.03	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.41	
26 05 36 00-0131	EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	686.17	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.70	
26 05 36 00-0132	EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	821.28	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.66	
26 05 36 00-0133 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>					
26 05 36 00-0134	EA		6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	572.71	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.89	
26 05 36 00-0135	EA		9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	616.27	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.54	
26 05 36 00-0136	EA		12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	653.36	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.25	
26 05 36 00-0137	EA		18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	721.76	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.68	
26 05 36 00-0138	EA		24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	820.07	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.47	
26 05 36 00-0139	EA		30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	888.41	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.37	
26 05 36 00-0140	EA		36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,010.36	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.80	
26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>					
26 05 36 00-0142	EA		6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	432.61	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.53	
26 05 36 00-0143	EA		9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	444.20	158.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.19	
26 05 36 00-0144	EA		12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	456.27	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.87	
26 05 36 00-0145	EA		18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	483.12	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.37	
26 05 36 00-0146	EA		24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	499.70	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.35	
26 05 36 00-0147	EA		30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	543.69	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.18	
26 05 36 00-0148	EA		36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	589.36	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.85	

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-0149		24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0150	EA	6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	596.76		165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.92		
26 05 36 00-0151	EA	9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	612.83		171.94
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.95		
26 05 36 00-0152	EA	12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	629.86		179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.04		
26 05 36 00-0153	EA	18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	667.94		196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.41		
26 05 36 00-0154	EA	24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	693.55		206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.16		
26 05 36 00-0155	EA	30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	740.78		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.99		
26 05 36 00-0156	EA	36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	804.50		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.96		
26 05 36 00-0157		36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0158	EA	6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	899.92		179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.05		
26 05 36 00-0159	EA	9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	921.18		187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.50		
26 05 36 00-0160	EA	12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	944.24		196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.04		
26 05 36 00-0161	EA	18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	986.23		217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.53		
26 05 36 00-0162	EA	24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,013.96		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.31		
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,085.48		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.06		
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,154.13		294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.88		
26 05 36 00-0165		12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	473.45		206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.15		
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.63		217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.67		
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	530.04		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.92		
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	567.10		242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.47		
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	639.34		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.02		
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	707.67		294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.23		
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	771.33		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.66		
26 05 36 00-0173		24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	633.07		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.22		
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	663.88		242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.15		
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	696.79		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.19		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	742.37 -51.32	274.93
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	832.21 -56.75	317.66
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	896.26 -60.97	343.88
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	999.43 -68.70	374.83
26 05 36 00-0181		36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	781.08 -56.62	257.91
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	825.10 -59.60	274.93
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	873.14 -62.78	294.45
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	950.85 -68.62	317.66
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,093.09 -78.07	374.83
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,194.00 -85.07	411.97
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,311.21 -92.88	458.90
26 05 36 00-0189		12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	531.75 -35.98	206.33
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	558.86 -37.79	217.16
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	596.71 -40.59	229.02
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	640.30 -43.79	242.95
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	720.83 -49.17	274.93
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	805.55 -56.01	294.54
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	879.56 -61.52	317.22
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	746.16 -55.53	229.02
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	780.49 -57.81	242.86
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	816.91 -60.20	257.91
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	870.22 -64.11	274.93
26 05 36 00-0202	EA	24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	968.49 -70.38	317.66
26 05 36 00-0203	EA	30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,041.67 -75.51	343.88
26 05 36 00-0204	EA	36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,168.02 -85.56	374.83

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0205			36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0206	EA		6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	939.14	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.42	
26 05 36 00-0207	EA		9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	990.18	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.11	
26 05 36 00-0208	EA		12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,045.25	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.99	
26 05 36 00-0209	EA		18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,140.51	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.58	
26 05 36 00-0210	EA		24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,303.83	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.14	
26 05 36 00-0211	EA		30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,422.30	411.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.90	
26 05 36 00-0212	EA		36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,557.07	458.90
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.46	
26 05 36 00-0213			6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0214			12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0215	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	189.06	86.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.72	
26 05 36 00-0216	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.68	98.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.08	
26 05 36 00-0217	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	234.23	108.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.38	
26 05 36 00-0218	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.97	133.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.01	
26 05 36 00-0219	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	332.46	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.51	
26 05 36 00-0220	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	388.88	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.56	
26 05 36 00-0221	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.13	196.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.34	
26 05 36 00-0222			24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0223	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	243.12	89.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.84	
26 05 36 00-0224	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.34	103.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.24	
26 05 36 00-0225	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.19	114.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.57	
26 05 36 00-0226	EA		18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	345.29	142.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.67	
26 05 36 00-0227	EA		24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.19	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.36	
26 05 36 00-0228	EA		30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	438.46	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.23	
26 05 36 00-0229	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	511.68	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.08	
26 05 36 00-0230			36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0231	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	259.95	93.70
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.19	

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

26 05 36 00-0232	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	290.27	108.49
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.99	
26 05 36 00-0233	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	316.94	121.39
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.58	
26 05 36 00-0234	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.78	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.85	
26 05 36 00-0235	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.02	179.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.36	
26 05 36 00-0236	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.79	206.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.49	
26 05 36 00-0237	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	592.75	242.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.08	
26 05 36 00-0238			12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0239	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	139.42	62.49
			For 60 Degree Bend, Deduct	-22.06	
			For 30 Degree Bend, Deduct	-40.24	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.74	
26 05 36 00-0240	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	161.62	74.96
			For 60 Degree Bend, Deduct	-24.61	
			For 30 Degree Bend, Deduct	-45.18	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.92	
26 05 36 00-0241	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	181.47	85.97
			For 60 Degree Bend, Deduct	-26.93	
			For 30 Degree Bend, Deduct	-49.66	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.98	
26 05 36 00-0242	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	221.41	108.66
			For 60 Degree Bend, Deduct	-31.42	
			For 30 Degree Bend, Deduct	-58.40	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.09	
26 05 36 00-0243	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	273.67	133.08
			For 60 Degree Bend, Deduct	-39.30	
			For 30 Degree Bend, Deduct	-72.89	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.28	
26 05 36 00-0244	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.93	152.77
			For 60 Degree Bend, Deduct	-47.34	
			For 30 Degree Bend, Deduct	-87.38	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.36	
26 05 36 00-0245	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.09	179.34
			For 60 Degree Bend, Deduct	-52.72	
			For 30 Degree Bend, Deduct	-97.83	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.86	
26 05 36 00-0246			24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0247	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	152.08	64.48
			For 60 Degree Bend, Deduct	-25.48	
			For 30 Degree Bend, Deduct	-46.05	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.84	
26 05 36 00-0248	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	177.10	77.72
			For 60 Degree Bend, Deduct	-28.65	
			For 30 Degree Bend, Deduct	-52.06	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.23	
26 05 36 00-0249	EA		12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	202.88	89.75
			For 60 Degree Bend, Deduct	-32.55	
			For 30 Degree Bend, Deduct	-59.24	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.81	
26 05 36 00-0250	EA		18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	245.80	114.60
			For 60 Degree Bend, Deduct	-37.17	
			For 30 Degree Bend, Deduct	-68.33	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.03	
26 05 36 00-0251	EA		24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	303.50	142.37
			For 60 Degree Bend, Deduct	-45.59	
			For 30 Degree Bend, Deduct	-83.90	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.49	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0252	EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	354.44 -53.67 -98.63 -21.68	165.15
26 05 36 00-0253	EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	418.41 -62.72 -115.46 -25.46	196.61
26 05 36 00-0254	36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)		
26 05 36 00-0255	EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	174.96 -32.24 -57.43 -11.95	66.54
26 05 36 00-0256	EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	202.38 -35.81 -64.18 -13.51	80.81
26 05 36 00-0257	EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	225.48 -38.46 -69.31 -14.73	93.79
26 05 36 00-0258	EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	277.31 -44.96 -81.69 -17.61	121.39
26 05 36 00-0259	EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	333.90 -51.62 -94.52 -20.66	152.77
26 05 36 00-0260	EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	401.23 -63.65 -116.05 -25.18	179.34
26 05 36 00-0261	EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	475.66 -73.75 -134.98 -29.48	217.07
26 05 36 00-0262	12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)		
26 05 36 00-0263	EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	203.35 -13.17	85.97
26 05 36 00-0264	EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	225.14 -14.33	98.18
26 05 36 00-0265	EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	244.43 -15.40	108.58
26 05 36 00-0266	EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	278.80 -16.79	133.08
26 05 36 00-0267	EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	323.70 -19.64	152.77
26 05 36 00-0268	EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	361.14 -21.79	171.94
26 05 36 00-0269	EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	404.46 -24.09	196.26
26 05 36 00-0270	24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)		
26 05 36 00-0271	EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	234.39 -15.97	89.66
26 05 36 00-0272	EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	258.94 -17.30	103.16
26 05 36 00-0273	EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	281.49 -18.60	114.60

MINOR		DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM			UNIT COST	UNIT COST
26 05 36 00-0274	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	332.50	142.37
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-21.39	
26 05 36 00-0275	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	375.31	165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-23.77	
26 05 36 00-0276	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	418.02	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-26.18	
26 05 36 00-0277	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	480.58	217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-29.97	
26 05 36 00-0278 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>					
26 05 36 00-0279	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	270.82	93.70
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-19.27	
26 05 36 00-0280	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	299.67	108.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-20.92	
26 05 36 00-0281	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	322.52	121.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-22.13	
26 05 36 00-0282	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	384.46	152.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-25.71	
26 05 36 00-0283	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	430.11	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-28.07	
26 05 36 00-0284	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	493.02	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-32.11	
26 05 36 00-0285	EA	36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	562.80	242.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-36.08	
26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>					
26 05 36 00-0287	EA	6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	371.73	165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-23.41	
26 05 36 00-0288	EA	9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	402.67	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-25.32	
26 05 36 00-0289	EA	12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	421.89	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-26.57	
26 05 36 00-0290	EA	18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	469.24	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-29.73	
26 05 36 00-0291	EA	24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	528.72	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-33.79	
26 05 36 00-0292	EA	30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	580.55	242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-37.82	
26 05 36 00-0293	EA	36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	657.11	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-42.80	
26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>					
26 05 36 00-0295	EA	6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	450.22	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-30.08	
26 05 36 00-0296	EA	9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	486.13	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-32.23	
26 05 36 00-0297	EA	12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	508.15	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-33.62	
26 05 36 00-0298	EA	18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	558.98	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-36.81	
26 05 36 00-0299	EA	24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	622.94	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-40.80	
26 05 36 00-0300	EA	30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	668.64	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-43.95	
26 05 36 00-0301	EA	36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	.....	798.83	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	.....	-53.41	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		TOTAL DIRECT		DEMOLITION
		UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0302	36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)			
26 05 36 00-0303	EA 6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	553.86		196.61
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.00		
26 05 36 00-0304	EA 9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	596.70		217.07
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.58		
26 05 36 00-0305	EA 12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	632.47		229.02
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.16		
26 05 36 00-0306	EA 18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	699.31		257.91
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.44		
26 05 36 00-0307	EA 24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	794.73		294.45
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.94		
26 05 36 00-0308	EA 30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	860.79		317.66
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.61		
26 05 36 00-0309	EA 36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	980.70		374.83
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.83		
26 05 36 00-0310	12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)			
26 05 36 00-0311	EA 6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	418.92		152.77
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.16		
26 05 36 00-0312	EA 9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	430.39		158.78
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.81		
26 05 36 00-0313	EA 12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	442.34		165.15
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.47		
26 05 36 00-0314	EA 18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	468.95		179.34
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.95		
26 05 36 00-0315	EA 24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	485.29		187.41
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.91		
26 05 36 00-0316	EA 30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	528.32		206.33
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.64		
26 05 36 00-0317	EA 36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	573.39		229.02
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.25		
26 05 36 00-0318	24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)			
26 05 36 00-0319	EA 6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	572.03		165.15
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.44		
26 05 36 00-0320	EA 9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	587.73		171.94
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.44		
26 05 36 00-0321	EA 12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	604.40		179.34
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.49		
26 05 36 00-0322	EA 18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	641.76		196.61
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.79		
26 05 36 00-0323	EA 24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	666.65		206.33
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.47		
26 05 36 00-0324	EA 30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	713.16		229.02
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.23		
26 05 36 00-0325	EA 36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	775.68		257.91
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.08		
26 05 36 00-0326	36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ^(26 05 36 00-0213)			
26 05 36 00-0327	EA 6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	853.69		179.34
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-70.42		
26 05 36 00-0328	EA 9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	874.35		187.41
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.82		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0329	EA		12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	896.81	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.30	
26 05 36 00-0330	EA		18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	938.20	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.73	
26 05 36 00-0331	EA		24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	965.33	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.45	
26 05 36 00-0332	EA		30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,035.05	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.01	
26 05 36 00-0333	EA		36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,103.10	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.78	
26 05 36 00-0334 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-02 13)					
26 05 36 00-0335	EA		6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	463.48	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.15	
26 05 36 00-0336	EA		9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	487.18	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.63	
26 05 36 00-0337	EA		12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	518.63	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.78	
26 05 36 00-0338	EA		18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	554.61	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.22	
26 05 36 00-0339	EA		24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	625.41	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.63	
26 05 36 00-0340	EA		30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	690.98	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.56	
26 05 36 00-0341	EA		36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	752.72	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.80	
26 05 36 00-0342 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-02 13)					
26 05 36 00-0343	EA		6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	613.73	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.29	
26 05 36 00-0344	EA		9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	643.95	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.16	
26 05 36 00-0345	EA		12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	676.25	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.13	
26 05 36 00-0346	EA		18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	720.51	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.14	
26 05 36 00-0347	EA		24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	808.92	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.42	
26 05 36 00-0348	EA		30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	871.41	343.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.48	
26 05 36 00-0349	EA		36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	970.61	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.82	
26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-02 13)					
26 05 36 00-0351	EA		6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	754.06	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.91	
26 05 36 00-0352	EA		9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	796.88	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.78	
26 05 36 00-0353	EA		12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	843.72	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.84	
26 05 36 00-0354	EA		18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	918.43	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.37	
26 05 36 00-0355	EA		24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,057.07	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.47	
26 05 36 00-0356	EA		30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,154.97	411.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.16	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,269.18		458.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.68		
26 05 36 00-0358		12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	517.30		206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.54		
26 05 36 00-0360	EA	9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	543.72		217.16
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.28		
26 05 36 00-0361	EA	12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	580.17		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.93		
26 05 36 00-0362	EA	18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	622.20		242.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.98		
26 05 36 00-0363	EA	24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	700.63		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.15		
26 05 36 00-0364	EA	30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	781.34		294.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.59		
26 05 36 00-0365	EA	36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	852.57		317.22
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.82		
26 05 36 00-0366		24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0367	EA	6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	718.13		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.73		
26 05 36 00-0368	EA	9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	751.59		242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.92		
26 05 36 00-0369	EA	12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	787.13		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.22		
26 05 36 00-0370	EA	18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	838.53		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.94		
26 05 36 00-0371	EA	24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	934.71		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.00		
26 05 36 00-0372	EA	30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,005.63		343.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.91		
26 05 36 00-0373	EA	36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,126.23		374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.38		
26 05 36 00-0374		36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>			
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	899.96		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.50		
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.27		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.01		
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,002.59		294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.72		
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,093.50		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.88		
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,251.60		374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.92		
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,365.71		411.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.24		
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,496.13		458.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.37		
26 05 36 00-0382		9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>			
26 05 36 00-0383		12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0384 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	181.49	86.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.97	
26 05 36 00-0385 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	204.52	98.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.27	
26 05 36 00-0386 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.34	108.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.49	
26 05 36 00-0387 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	279.44	133.08
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.85	
26 05 36 00-0388 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	319.49	152.77
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.22	
26 05 36 00-0389 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.83	171.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.85	
26 05 36 00-0390 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	427.20	196.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.34	
26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0392 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	227.51	89.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.28	
26 05 36 00-0393 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	252.25	103.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.64	
26 05 36 00-0394 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	274.50	114.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.90	
26 05 36 00-0395 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.28	142.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.87	
26 05 36 00-0396 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	371.85	165.15
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.43	
26 05 36 00-0397 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	417.45	187.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.13	
26 05 36 00-0398 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	486.70	217.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.58	
26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0400 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	242.66	93.70
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.46	
26 05 36 00-0401 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	272.02	108.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.16	
26 05 36 00-0402 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	297.84	121.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.67	
26 05 36 00-0403 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	363.92	152.77
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.66	
26 05 36 00-0404 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	419.00	179.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.95	
26 05 36 00-0405 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	487.98	206.33
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.60	
26 05 36 00-0406 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.29	242.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.93	
26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0408 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	133.54	62.49
<i>For 60 Degree Bend, Deduct</i>	-20.12	
<i>For 30 Degree Bend, Deduct</i>	-37.01	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.15	
26 05 36 00-0409 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	155.50	74.96
<i>For 60 Degree Bend, Deduct</i>	-22.59	
<i>For 30 Degree Bend, Deduct</i>	-41.82	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.31	

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0410	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	175.10	85.97
		<i>For 60 Degree Bend, Deduct</i>	-24.83	
		<i>For 30 Degree Bend, Deduct</i>	-46.16	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.35	
26 05 36 00-0411	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	214.68	108.66
		<i>For 60 Degree Bend, Deduct</i>	-29.20	
		<i>For 30 Degree Bend, Deduct</i>	-54.70	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.42	
26 05 36 00-0412	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	265.03	133.08
		<i>For 60 Degree Bend, Deduct</i>	-36.45	
		<i>For 30 Degree Bend, Deduct</i>	-68.14	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.41	
26 05 36 00-0413	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	309.89	152.77
		<i>For 60 Degree Bend, Deduct</i>	-43.69	
		<i>For 30 Degree Bend, Deduct</i>	-81.31	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.26	
26 05 36 00-0414	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.56	179.34
		<i>For 60 Degree Bend, Deduct</i>	-48.91	
		<i>For 30 Degree Bend, Deduct</i>	-91.49	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.71	
26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0416	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	144.63	64.48
		<i>For 60 Degree Bend, Deduct</i>	-23.02	
		<i>For 30 Degree Bend, Deduct</i>	-41.95	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.09	
26 05 36 00-0417	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	169.18	77.72
		<i>For 60 Degree Bend, Deduct</i>	-26.03	
		<i>For 30 Degree Bend, Deduct</i>	-47.71	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.44	
26 05 36 00-0418	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	193.99	89.75
		<i>For 60 Degree Bend, Deduct</i>	-29.62	
		<i>For 30 Degree Bend, Deduct</i>	-54.35	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.92	
26 05 36 00-0419	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.67	114.60
		<i>For 60 Degree Bend, Deduct</i>	-34.16	
		<i>For 30 Degree Bend, Deduct</i>	-63.30	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.12	
26 05 36 00-0420	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	292.46	142.37
		<i>For 60 Degree Bend, Deduct</i>	-41.95	
		<i>For 30 Degree Bend, Deduct</i>	-77.83	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.39	
26 05 36 00-0421	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.23	165.15
		<i>For 60 Degree Bend, Deduct</i>	-49.31	
		<i>For 30 Degree Bend, Deduct</i>	-91.36	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.36	
26 05 36 00-0422	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.28	196.61
		<i>For 60 Degree Bend, Deduct</i>	-57.73	
		<i>For 30 Degree Bend, Deduct</i>	-107.13	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.95	
26 05 36 00-0423 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0424	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	164.28	66.54
		<i>For 60 Degree Bend, Deduct</i>	-28.72	
		<i>For 30 Degree Bend, Deduct</i>	-51.56	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.89	
26 05 36 00-0425	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	191.10	80.81
		<i>For 60 Degree Bend, Deduct</i>	-32.09	
		<i>For 30 Degree Bend, Deduct</i>	-57.97	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.38	
26 05 36 00-0426	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	213.95	93.79
		<i>For 60 Degree Bend, Deduct</i>	-34.65	
		<i>For 30 Degree Bend, Deduct</i>	-62.96	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.58	
26 05 36 00-0427	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	264.82	121.39
		<i>For 60 Degree Bend, Deduct</i>	-40.84	
		<i>For 30 Degree Bend, Deduct</i>	-74.82	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.36	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0428	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	320.69 -47.26 -87.25 -19.34	152.77
26 05 36 00-0429	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	384.18 -58.03 -106.68 -23.47	179.34
26 05 36 00-0430	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	456.68 -67.49 -124.54 -27.58	217.07
26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0432	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	195.51 -12.39	85.97
26 05 36 00-0433	EA	9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	217.13 -13.53	98.18
26 05 36 00-0434	EA	12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	236.15 -14.57	108.58
26 05 36 00-0435	EA	18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	279.44 -16.85	133.08
26 05 36 00-0436	EA	24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	314.69 -18.74	152.77
26 05 36 00-0437	EA	30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	351.41 -20.81	171.94
26 05 36 00-0438	EA	36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	394.37 -23.08	196.26
26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0440	EA	6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	223.31 -14.86	89.66
26 05 36 00-0441	EA	9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	247.59 -16.16	103.16
26 05 36 00-0442	EA	12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	269.69 -17.42	114.60
26 05 36 00-0443	EA	18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	320.07 -20.15	142.37
26 05 36 00-0444	EA	24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	362.25 -22.47	165.15
26 05 36 00-0445	EA	30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	404.24 -24.81	187.41
26 05 36 00-0446	EA	36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	465.09 -28.42	217.07
26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>				
26 05 36 00-0448	EA	6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	255.87 -17.78	93.70
26 05 36 00-0449	EA	9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	284.18 -19.37	108.58
26 05 36 00-0450	EA	12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	306.85 -20.57	121.39
26 05 36 00-0451	EA	18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	367.52 -24.02	152.77
26 05 36 00-0452	EA	24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	413.00 -26.35	179.34
26 05 36 00-0453	EA	30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	473.57 -30.16	206.33

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0454	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	542.08	242.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.01	
26 05 36 00-0455			12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0456	EA		6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	355.64	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.80	
26 05 36 00-0457	EA		9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	385.38	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.59	
26 05 36 00-0458	EA		12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	403.64	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.75	
26 05 36 00-0459	EA		18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	448.35	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.64	
26 05 36 00-0460	EA		24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.22	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.34	
26 05 36 00-0461	EA		30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	551.25	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.89	
26 05 36 00-0462	EA		36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	623.97	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.48	
26 05 36 00-0463			24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0464	EA		6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	425.00	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.55	
26 05 36 00-0465	EA		9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	459.72	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.59	
26 05 36 00-0466	EA		12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	480.77	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.88	
26 05 36 00-0467	EA		18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	529.44	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.86	
26 05 36 00-0468	EA		24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.76	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.58	
26 05 36 00-0469	EA		30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	633.58	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.45	
26 05 36 00-0470	EA		36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	753.92	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.92	
26 05 36 00-0471			36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA		6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	516.15	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.23	
26 05 36 00-0473	EA		9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	557.55	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.66	
26 05 36 00-0474	EA		12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.68	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.98	
26 05 36 00-0475	EA		18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	654.40	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.95	
26 05 36 00-0476	EA		24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	744.06	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.87	
26 05 36 00-0477	EA		30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	805.55	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.09	
26 05 36 00-0478	EA		36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	921.38	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.90	
26 05 36 00-0479			12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480	EA		6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	391.54	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0481	EA		9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	402.77	158.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.04	
26 05 36 00-0482	EA		12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	414.48	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.69	
26 05 36 00-0483	EA		18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	440.61	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.12	
26 05 36 00-0484	EA		24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	456.48	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.03	
26 05 36 00-0485	EA		30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.58	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.56	
26 05 36 00-0486	EA		36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	541.45	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.06	
26 05 36 00-0487			24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0488	EA		6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	522.55	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.50	
26 05 36 00-0489	EA		9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	537.54	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.43	
26 05 36 00-0490	EA		12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	553.49	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.40	
26 05 36 00-0491	EA		18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	589.40	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.56	
26 05 36 00-0492	EA		24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	612.86	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.09	
26 05 36 00-0493	EA		30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	657.92	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.71	
26 05 36 00-0494	EA		36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	718.04	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.31	
26 05 36 00-0495			36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0496	EA		6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	761.23	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.18	
26 05 36 00-0497	EA		9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	780.69	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.45	
26 05 36 00-0498	EA		12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	801.94	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.81	
26 05 36 00-0499	EA		18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	842.14	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.12	
26 05 36 00-0500	EA		24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	868.06	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.72	
26 05 36 00-0501	EA		30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	934.18	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.93	
26 05 36 00-0502	EA		36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,001.03	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.57	
26 05 36 00-0503			12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0504	EA		6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	443.55	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.16	
26 05 36 00-0505	EA		9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	466.29	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.54	
26 05 36 00-0506	EA		12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	495.82	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.50	
26 05 36 00-0507	EA		18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	529.63	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.73	
26 05 36 00-0508	EA		24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	597.55	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.84	

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	657.60		294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.23		
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	715.49		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.08		
26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)					
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	575.07		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.42		
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	604.08		242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.17		
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	635.19		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.03		
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	676.80		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.77		
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	762.32		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.76		
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	821.69		343.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.51		
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	912.97		374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.06		
26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)					
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	700.03		257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.51		
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	740.45		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.13		
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	784.88		294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.95		
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	853.58		317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.89		
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	985.02		374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.26		
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,076.92		411.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.36		
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,185.13		458.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.27		
26 05 36 00-0527 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)					
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	488.40		206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.65		
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	513.42		217.16
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.25		
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	547.09		229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.63		
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	585.98		242.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.35		
26 05 36 00-0532	EA	24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	660.23		274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.11		
26 05 36 00-0533	EA	30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	732.94		294.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.75		
26 05 36 00-0534	EA	36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	798.60		317.22
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.42		
26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0536	EA		6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	662.07	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.12	
26 05 36 00-0537	EA		9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	693.78	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.14	
26 05 36 00-0538	EA		12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	727.59	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.27	
26 05 36 00-0539	EA		18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	775.15	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.60	
26 05 36 00-0540	EA		24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	867.15	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.25	
26 05 36 00-0541	EA		30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	933.55	343.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.70	
26 05 36 00-0542	EA		36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,042.66	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.03	
26 05 36 00-0543			36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0544	EA		6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	821.61	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.67	
26 05 36 00-0545	EA		9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	867.43	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.83	
26 05 36 00-0546	EA		12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	917.27	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.19	
26 05 36 00-0547	EA		18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	999.48	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.48	
26 05 36 00-0548	EA		24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,147.13	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.47	
26 05 36 00-0549	EA		30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,252.53	411.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.92	
26 05 36 00-0550	EA		36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,374.25	458.90
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.18	
26 05 36 00-0551			12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0552			12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0553	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	178.85	86.23
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.70	
26 05 36 00-0554	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	201.66	98.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.98	
26 05 36 00-0555	EA		12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	222.23	108.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.18	
26 05 36 00-0556	EA		18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	275.40	133.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.45	
26 05 36 00-0557	EA		24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	314.95	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.76	
26 05 36 00-0558	EA		30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	365.86	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.26	
26 05 36 00-0559	EA		36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	420.22	196.52
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.65	
26 05 36 00-0560			24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0561	EA		6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	222.05	89.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.73	
26 05 36 00-0562	EA		9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	246.62	103.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.07	
26 05 36 00-0563	EA		12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	268.65	114.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.31	

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	320.98		142.37
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.24		
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	365.09		165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.75		
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.09		187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.39		
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.96		217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.71		
26 05 36 00-0568		36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0561)</small>			
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.61		93.70
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.85		
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	265.63		108.49
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.53		
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	291.16		121.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.00		
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.27		152.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.89		
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	410.59		179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.11		
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	477.89		206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.60		
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.28		242.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.83		
26 05 36 00-0576		12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	131.48		62.49
		<i>For 60 Degree Bend, Deduct</i>	-19.44		
		<i>For 30 Degree Bend, Deduct</i>	-35.87		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-7.94		
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	153.36		74.96
		<i>For 60 Degree Bend, Deduct</i>	-21.89		
		<i>For 30 Degree Bend, Deduct</i>	-40.64		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.09		
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	172.87		85.97
		<i>For 60 Degree Bend, Deduct</i>	-24.09		
		<i>For 30 Degree Bend, Deduct</i>	-44.93		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.12		
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	212.33		108.66
		<i>For 60 Degree Bend, Deduct</i>	-28.43		
		<i>For 30 Degree Bend, Deduct</i>	-53.41		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.18		
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	262.00		133.08
		<i>For 60 Degree Bend, Deduct</i>	-35.45		
		<i>For 30 Degree Bend, Deduct</i>	-66.47		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.11		
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.02		152.77
		<i>For 60 Degree Bend, Deduct</i>	-42.42		
		<i>For 30 Degree Bend, Deduct</i>	-79.18		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.87		
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	352.52		179.34
		<i>For 60 Degree Bend, Deduct</i>	-47.58		
		<i>For 30 Degree Bend, Deduct</i>	-89.26		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.31		
26 05 36 00-0584		24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	142.03		64.48
		<i>For 60 Degree Bend, Deduct</i>	-22.17		
		<i>For 30 Degree Bend, Deduct</i>	-40.52		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.83		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0586 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	166.40 -25.12 -46.18 -10.16	77.72
26 05 36 00-0587 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	190.88 -28.59 -52.64 -11.61	89.75
26 05 36 00-0588 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	233.48 -33.11 -61.55 -13.80	114.60
26 05 36 00-0589 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	288.59 -40.67 -75.70 -17.00	142.37
26 05 36 00-0590 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	336.61 -47.79 -88.82 -19.90	165.15
26 05 36 00-0591 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	397.98 -55.98 -104.22 -23.42	196.61
26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0593 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	160.54 -27.49 -49.50 -10.51	66.54
26 05 36 00-0594 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	187.15 -30.79 -55.80 -11.98	80.81
26 05 36 00-0595 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	209.91 -33.32 -60.74 -13.18	93.79
26 05 36 00-0596 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	260.45 -39.40 -72.41 -15.93	121.39
26 05 36 00-0597 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	316.07 -45.73 -84.71 -18.87	152.77
26 05 36 00-0598 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	378.21 -56.06 -103.39 -22.88	179.34
26 05 36 00-0599 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	450.04 -65.29 -120.89 -26.91	217.07
26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0601 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	191.86 -12.02	85.97
26 05 36 00-0602 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	213.39 -13.15	98.18
26 05 36 00-0603 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	232.28 -14.18	108.58
26 05 36 00-0604 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	275.40 -16.45	133.08
26 05 36 00-0605 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	310.49 -18.32	152.77

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0606	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	346.87	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.36	
26 05 36 00-0607	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	389.67	196.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.61	
26 05 36 00-0608			24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0609	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	218.14	89.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.34	
26 05 36 00-0610	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	242.29	103.16
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.63	
26 05 36 00-0611	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	264.19	114.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.87	
26 05 36 00-0612	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	314.28	142.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.57	
26 05 36 00-0613	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	356.15	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.86	
26 05 36 00-0614	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	397.81	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.16	
26 05 36 00-0615	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	457.86	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.70	
26 05 36 00-0616			36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0617	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	248.89	93.70
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.08	
26 05 36 00-0618	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	276.95	108.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.65	
26 05 36 00-0619	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	299.54	121.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.84	
26 05 36 00-0620	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	359.62	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.23	
26 05 36 00-0621	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	405.01	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.56	
26 05 36 00-0622	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	464.49	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.26	
26 05 36 00-0623	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	532.41	242.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.04	
26 05 36 00-0624			12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0625	EA		6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	347.60	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.00	
26 05 36 00-0626	EA		9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	376.73	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.73	
26 05 36 00-0627	EA		12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	394.51	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.83	
26 05 36 00-0628	EA		18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	437.90	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.60	
26 05 36 00-0629	EA		24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	491.97	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.11	
26 05 36 00-0630	EA		30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	536.60	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.42	
26 05 36 00-0631	EA		36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	607.40	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.83	
26 05 36 00-0632			24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0633	EA		6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	412.40	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.29	
26 05 36 00-0634	EA		9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	446.51	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.27	
26 05 36 00-0635	EA		12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	467.08	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.51	
26 05 36 00-0636	EA		18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	514.67	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.38	
26 05 36 00-0637	EA		24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	574.67	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.97	
26 05 36 00-0638	EA		30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	616.04	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.69	
26 05 36 00-0639	EA		36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	731.46	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.68	
26 05 36 00-0640			36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0641	EA		6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.30	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.35	
26 05 36 00-0642	EA		9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	537.98	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.71	
26 05 36 00-0643	EA		12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	569.78	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.89	
26 05 36 00-0644	EA		18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	631.94	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.70	
26 05 36 00-0645	EA		24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	718.72	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.34	
26 05 36 00-0646	EA		30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	777.93	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.32	
26 05 36 00-0647	EA		36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	891.72	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.93	
26 05 36 00-0648			12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0649	EA		6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	377.85	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.05	
26 05 36 00-0650	EA		9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	388.96	158.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.66	
26 05 36 00-0651	EA		12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	400.55	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.30	
26 05 36 00-0652	EA		18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	426.44	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.70	
26 05 36 00-0653	EA		24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	442.07	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.59	
26 05 36 00-0654	EA		30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	482.21	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.03	
26 05 36 00-0655	EA		36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	525.48	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.46	
26 05 36 00-0656			24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0657	EA		6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.82	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.02	
26 05 36 00-0658	EA		9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	512.44	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.92	
26 05 36 00-0659	EA		12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	528.03	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.86	
26 05 36 00-0660	EA		18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	563.23	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.94	

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
26 05 36 00-0661	EA	24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	585.96	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.40	
26 05 36 00-0662	EA	30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	630.30	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.94	
26 05 36 00-0663	EA	36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	689.22	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.43	
26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)				
26 05 36 00-0665	EA	6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	715.00	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.55	
26 05 36 00-0666	EA	9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	733.86	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.77	
26 05 36 00-0667	EA	12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	754.51	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.07	
26 05 36 00-0668	EA	18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	794.11	217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.32	
26 05 36 00-0669	EA	24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	819.43	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.86	
26 05 36 00-0670	EA	30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	883.75	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.88	
26 05 36 00-0671	EA	36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.99	294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.46	
26 05 36 00-0672 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)				
26 05 36 00-0673	EA	6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	433.58	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.16	
26 05 36 00-0674	EA	9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	455.84	217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.49	
26 05 36 00-0675	EA	12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	484.41	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.35	
26 05 36 00-0676	EA	18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	517.14	242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.48	
26 05 36 00-0677	EA	24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	583.62	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.45	
26 05 36 00-0678	EA	30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	640.91	294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.56	
26 05 36 00-0679	EA	36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	696.88	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.22	
26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)				
26 05 36 00-0681	EA	6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	555.74	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.49	
26 05 36 00-0682	EA	9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	584.15	242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.18	
26 05 36 00-0683	EA	12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	614.65	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.97	
26 05 36 00-0684	EA	18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	654.95	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.58	
26 05 36 00-0685	EA	24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	739.03	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.43	
26 05 36 00-0686	EA	30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	796.84	343.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.03	
26 05 36 00-0687	EA	36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	884.15	374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.18	

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

26 05 36 00-0688	36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0689	EA 6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	673.01	257.91
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.81	
26 05 36 00-0690	EA 9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	712.23	274.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.31	
26 05 36 00-0691	EA 12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.47	294.45
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.01	
26 05 36 00-0692	EA 18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	821.16	317.66
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.65	
26 05 36 00-0693	EA 24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	948.99	374.83
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.66	
26 05 36 00-0694	EA 30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,037.89	411.97
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.46	
26 05 36 00-0695	EA 36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,143.10	458.90
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.07	
26 05 36 00-0696	12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0697	EA 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	473.94	206.33
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.20	
26 05 36 00-0698	EA 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	498.27	217.16
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.73	
26 05 36 00-0699	EA 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	530.55	229.02
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.97	
26 05 36 00-0700	EA 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	567.87	242.95
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.54	
26 05 36 00-0701	EA 24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	640.04	274.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.09	
26 05 36 00-0702	EA 30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	708.74	294.54
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.33	
26 05 36 00-0703	EA 36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	771.61	317.22
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.73	
26 05 36 00-0704	24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0705	EA 6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	634.03	229.02
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.32	
26 05 36 00-0706	EA 9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	664.88	242.86
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.25	
26 05 36 00-0707	EA 12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	697.81	257.91
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.29	
26 05 36 00-0708	EA 18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	743.46	274.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.43	
26 05 36 00-0709	EA 24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	833.38	317.66
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.87	
26 05 36 00-0710	EA 30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	897.51	343.88
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.09	
26 05 36 00-0711	EA 36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,000.87	374.83
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.85	
26 05 36 00-0712	36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0713	EA 6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	782.43	257.91
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.75	
26 05 36 00-0714	EA 9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	826.51	274.93
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.74	
26 05 36 00-0715	EA 12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	874.61	294.45
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.93	

26 Electrical
26 05 Common Work Results For Electrical
26 05 36 Cable Trays For Electrical Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0716	EA 18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	952.47	317.66
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.78	
26 05 36 00-0717	EA 24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,094.89	374.83
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.25	
26 05 36 00-0718	EA 30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,195.95	411.97
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.26	
26 05 36 00-0719	EA 36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,313.31	458.90
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-93.09	
26 05 36 00-0720	Dropout Or End Plates And Reducers (26 05 36 00-0002)		
26 05 36 00-0721	Straight Reducers (26 05 36 00-0720)		
26 05 36 00-0722	EA 9"-6" Reducer, Steel Cable Tray.....	161.01	63.45
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.81	
26 05 36 00-0723	EA 12"-9" Reducer, Steel Cable Tray.....	170.95	68.69
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.37	
26 05 36 00-0724	EA 18"-12" Reducer, Steel Cable Tray.....	188.62	79.26
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.25	
26 05 36 00-0725	EA 24"-18" Reducer, Steel Cable Tray.....	210.50	91.73
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.41	
26 05 36 00-0726	EA 30"-24" Reducer, Steel Cable Tray.....	230.78	103.16
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.48	
26 05 36 00-0727	EA 36"-30" Reducer, Steel Cable Tray.....	262.49	117.86
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.43	
26 05 36 00-0728	Reducers (26 05 36 00-0720)		
26 05 36 00-0729	EA 18"-6" Reducer, Steel Cable Tray.....	191.11	79.35
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.50	
26 05 36 00-0730	EA 24"-12" Reducer, Steel Cable Tray.....	213.12	91.82
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.66	
26 05 36 00-0731	EA 30"-12" Reducer, Steel Cable Tray.....	235.44	103.07
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.95	
26 05 36 00-0732	EA 30"-18" Reducer, Steel Cable Tray.....	237.70	102.99
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.19	
26 05 36 00-0733	EA 36"-12" Reducer, Steel Cable Tray.....	263.69	117.86
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.55	
26 05 36 00-0734	EA 36"-18" Reducer, Steel Cable Tray.....	271.27	120.96
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.05	
26 05 36 00-0735	EA 36"-24" Reducer, Steel Cable Tray.....	280.11	124.83
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.61	
26 05 36 00-0736	Dropout Or End Plate (26 05 36 00-0720)		
26 05 36 00-0737	EA 6" Dropout Or End Plate, Steel Cable Tray.....	49.16	25.80
26 05 36 00-0738	EA 9" Dropout Or End Plate, Steel Cable Tray.....	56.36	29.48
26 05 36 00-0739	EA 12" Dropout Or End Plate, Steel Cable Tray.....	60.80	31.72
26 05 36 00-0740	EA 18" Dropout Or End Plate, Steel Cable Tray.....	71.80	37.48
26 05 36 00-0741	EA 24" Dropout Or End Plate, Steel Cable Tray.....	80.07	41.27
26 05 36 00-0742	EA 30" Dropout Or End Plate, Steel Cable Tray.....	88.80	45.82
26 05 36 00-0743	EA 36" Dropout Or End Plate, Steel Cable Tray.....	100.14	51.58
26 05 36 00-0744	Ladder Bottom Aluminum Cable Tray (26 05 36 00-0001) Note: 4-5/8" Height		
26 05 36 00-0745	Straight Tray Sections (26 05 36 00-0744)		
26 05 36 00-0746	4" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0747	LF 6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	24.46	6.01
	For Class 12C Instead Of Class 12B, Add	2.66	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.94	
	For 6" Overall Height Instead Of 4-5/8", Add	1.22	
26 05 36 00-0748	LF 9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	25.81	6.36
	For Class 12C Instead Of Class 12B, Add	2.81	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.05	
	For 6" Overall Height Instead Of 4-5/8", Add	1.29	
26 05 36 00-0749	LF 12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	27.14	6.62
	For Class 12C Instead Of Class 12B, Add	2.97	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.16	
	For 6" Overall Height Instead Of 4-5/8", Add	1.36	
26 05 36 00-0750	LF 18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	30.01	7.23
	For Class 12C Instead Of Class 12B, Add	3.29	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.40	
	For 6" Overall Height Instead Of 4-5/8", Add	1.50	
26 05 36 00-0751	LF 24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	33.76	7.74
	For Class 12C Instead Of Class 12B, Add	3.78	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.73	
	For 6" Overall Height Instead Of 4-5/8", Add	1.69	
26 05 36 00-0752	LF 30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	36.74	8.26
	For Class 12C Instead Of Class 12B, Add	4.14	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.99	
	For 6" Overall Height Instead Of 4-5/8", Add	1.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0753 LF 36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section	39.50	8.77
For Class 12C Instead Of Class 12B, Add	4.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.22	
For 6" Overall Height Instead Of 4-5/8", Add	1.98	
26 05 36 00-0754 6" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0755 LF 6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	23.15	6.01
For Class 12C Instead Of Class 12B, Add	2.47	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.81	
For 6" Overall Height Instead Of 4-5/8", Add	1.16	
26 05 36 00-0756 LF 9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	24.42	6.36
For Class 12C Instead Of Class 12B, Add	2.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.91	
For 6" Overall Height Instead Of 4-5/8", Add	1.22	
26 05 36 00-0757 LF 12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	25.68	6.62
For Class 12C Instead Of Class 12B, Add	2.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.02	
For 6" Overall Height Instead Of 4-5/8", Add	1.28	
26 05 36 00-0758 LF 18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	28.38	7.23
For Class 12C Instead Of Class 12B, Add	3.05	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.23	
For 6" Overall Height Instead Of 4-5/8", Add	1.42	
26 05 36 00-0759 LF 24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	31.85	7.74
For Class 12C Instead Of Class 12B, Add	3.49	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.54	
For 6" Overall Height Instead Of 4-5/8", Add	1.59	
26 05 36 00-0760 LF 30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	34.65	8.26
For Class 12C Instead Of Class 12B, Add	3.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.78	
For 6" Overall Height Instead Of 4-5/8", Add	1.73	
26 05 36 00-0761 LF 36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	37.24	8.77
For Class 12C Instead Of Class 12B, Add	4.12	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.99	
For 6" Overall Height Instead Of 4-5/8", Add	1.86	
26 05 36 00-0762 9" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0763 LF 6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	21.13	5.76
For Class 12C Instead Of Class 12B, Add	2.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.63	
For 6" Overall Height Instead Of 4-5/8", Add	1.06	
26 05 36 00-0764 LF 9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	21.62	6.01
For Class 12C Instead Of Class 12B, Add	2.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.66	
For 6" Overall Height Instead Of 4-5/8", Add	1.08	
26 05 36 00-0765 LF 12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	23.00	6.36
For Class 12C Instead Of Class 12B, Add	2.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.77	
For 6" Overall Height Instead Of 4-5/8", Add	1.15	
26 05 36 00-0766 LF 18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	24.60	6.79
For Class 12C Instead Of Class 12B, Add	2.56	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.89	
For 6" Overall Height Instead Of 4-5/8", Add	1.23	
26 05 36 00-0767 LF 24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	27.05	7.05
For Class 12C Instead Of Class 12B, Add	2.88	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.12	
For 6" Overall Height Instead Of 4-5/8", Add	1.35	
26 05 36 00-0768 LF 30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	29.73	7.57
For Class 12C Instead Of Class 12B, Add	3.19	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.34	
For 6" Overall Height Instead Of 4-5/8", Add	1.49	
26 05 36 00-0769 LF 36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	31.78	8.26
For Class 12C Instead Of Class 12B, Add	3.39	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-2.49	
For 6" Overall Height Instead Of 4-5/8", Add	1.59	
26 05 36 00-0770 12" Rung Spacing (26 05 36 00-0745)		
26 05 36 00-0771 LF 6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	20.60	5.59
For Class 12C Instead Of Class 12B, Add	2.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.60	
For 6" Overall Height Instead Of 4-5/8", Add	1.03	
26 05 36 00-0772 LF 9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.00	5.76
For Class 12C Instead Of Class 12B, Add	2.19	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.62	
For 6" Overall Height Instead Of 4-5/8", Add	1.05	
26 05 36 00-0773 LF 12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	21.96	6.10
For Class 12C Instead Of Class 12B, Add	2.27	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.69	
For 6" Overall Height Instead Of 4-5/8", Add	1.10	
26 05 36 00-0774 LF 18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	23.25	6.44
For Class 12C Instead Of Class 12B, Add	2.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.79	
For 6" Overall Height Instead Of 4-5/8", Add	1.16	
26 05 36 00-0775 LF 24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	24.81	6.53
For Class 12C Instead Of Class 12B, Add	2.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-1.93	
For 6" Overall Height Instead Of 4-5/8", Add	1.24	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0776	LF 30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.81 2.82 -2.08 1.34	7.23
26 05 36 00-0777	LF 36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.59 2.99 -2.21 1.43	7.83
26 05 36 00-0778	18" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0779	LF 6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.29 2.14 -1.58 1.01	5.41
26 05 36 00-0780	LF 9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.50 2.14 -1.58 1.03	5.67
26 05 36 00-0781	LF 12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.53 2.25 -1.66 1.08	5.84
26 05 36 00-0782	LF 18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.66 2.37 -1.75 1.13	6.19
26 05 36 00-0783	LF 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.79 2.52 -1.86 1.19	6.27
26 05 36 00-0784	LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.18 2.64 -1.95 1.26	6.87
26 05 36 00-0785	LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.92 2.79 -2.07 1.35	7.48
26 05 36 00-0786	4" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-0787	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0788	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	203.69 -13.19 10.18	86.23
26 05 36 00-0789	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	225.23 -14.34 11.26	98.18
26 05 36 00-0790	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	253.84 -16.34 12.69	108.58
26 05 36 00-0791	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	303.85 -19.30 15.19	133.08
26 05 36 00-0792	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	356.45 -22.91 17.82	152.77
26 05 36 00-0793	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	394.45 -25.12 19.72	171.94
26 05 36 00-0794	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	458.20 -29.44 22.91	196.52
26 05 36 00-0795	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0796	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	255.82 -18.11 12.79	89.66
26 05 36 00-0797	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	282.72 -19.68 14.14	103.07
26 05 36 00-0798	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	307.27 -21.18 15.36	114.60
26 05 36 00-0799	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	363.33 -24.47 18.17	142.37
26 05 36 00-0800	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	413.45 -27.59 20.67	165.15
26 05 36 00-0801	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.56 -30.74 23.18	187.41
26 05 36 00-0802	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	531.99 -35.11 26.60	217.07

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

		26 05 36 00-0803	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0804	EA	6"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	273.19	93.70
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.66	
26 05 36 00-0805	EA	9"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	300.79	108.49
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.04	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.04	
26 05 36 00-0806	EA	12"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	336.09	121.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.49	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.80	
26 05 36 00-0807	EA	18"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	405.07	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.77	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.25	
26 05 36 00-0808	EA	24"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	469.09	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.96	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.45	
26 05 36 00-0809	EA	30"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	530.77	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.88	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.54	
26 05 36 00-0810	EA	36"	Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	618.22	242.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.62	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.91	
		26 05 36 00-0811	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0812	EA	6"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	143.62	62.49
			<i>For 60 Degree Bend, Deduct</i>	-23.45	
			<i>For 30 Degree Bend, Deduct</i>	-42.55	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.18	
26 05 36 00-0813	EA	9"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	165.90	74.96
			<i>For 60 Degree Bend, Deduct</i>	-26.02	
			<i>For 30 Degree Bend, Deduct</i>	-47.54	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.35	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.30	
26 05 36 00-0814	EA	12"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	185.82	85.97
			<i>For 60 Degree Bend, Deduct</i>	-28.37	
			<i>For 30 Degree Bend, Deduct</i>	-52.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.29	
26 05 36 00-0815	EA	18"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	231.20	108.66
			<i>For 60 Degree Bend, Deduct</i>	-34.65	
			<i>For 30 Degree Bend, Deduct</i>	-63.79	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.56	
26 05 36 00-0816	EA	24"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	284.10	133.08
			<i>For 60 Degree Bend, Deduct</i>	-42.74	
			<i>For 30 Degree Bend, Deduct</i>	-78.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.21	
26 05 36 00-0817	EA	30"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	326.06	152.77
			<i>For 60 Degree Bend, Deduct</i>	-49.03	
			<i>For 30 Degree Bend, Deduct</i>	-90.21	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.30	
26 05 36 00-0818	EA	36"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	373.37	179.34
			<i>For 60 Degree Bend, Deduct</i>	-54.46	
			<i>For 30 Degree Bend, Deduct</i>	-100.73	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.39	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.67	
		26 05 36 00-0819	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0820	EA	6"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	160.59	64.48
			<i>For 60 Degree Bend, Deduct</i>	-28.29	
			<i>For 30 Degree Bend, Deduct</i>	-50.73	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.69	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.03	
26 05 36 00-0821	EA	9"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	188.81	77.72
			<i>For 60 Degree Bend, Deduct</i>	-32.51	
			<i>For 30 Degree Bend, Deduct</i>	-58.50	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.40	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.44	
26 05 36 00-0822	EA	12"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	210.34	89.75
			<i>For 60 Degree Bend, Deduct</i>	-35.01	
			<i>For 30 Degree Bend, Deduct</i>	-63.34	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.56	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.52	
26 05 36 00-0823	EA	18"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	256.37	114.60
			<i>For 60 Degree Bend, Deduct</i>	-40.66	
			<i>For 30 Degree Bend, Deduct</i>	-74.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.09	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.82	
26 05 36 00-0824	EA	24"	Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	313.19	142.37
			<i>For 60 Degree Bend, Deduct</i>	-48.79	
			<i>For 30 Degree Bend, Deduct</i>	-89.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.66	

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0825	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	366.35	165.15
			For 60 Degree Bend, Deduct	-57.60	
			For 30 Degree Bend, Deduct	-105.18	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.88	
			For 6" Overall Height Instead Of 4-5/8", Add	18.32	
26 05 36 00-0826	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	423.35	196.61
			For 60 Degree Bend, Deduct	-64.35	
			For 30 Degree Bend, Deduct	-118.17	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.95	
			For 6" Overall Height Instead Of 4-5/8", Add	21.17	
26 05 36 00-0827			45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0828	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	182.25	66.54
			For 60 Degree Bend, Deduct	-34.65	
			For 30 Degree Bend, Deduct	-61.44	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.68	
			For 6" Overall Height Instead Of 4-5/8", Add	9.11	
26 05 36 00-0829	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	207.59	80.81
			For 60 Degree Bend, Deduct	-37.53	
			For 30 Degree Bend, Deduct	-67.04	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.03	
			For 6" Overall Height Instead Of 4-5/8", Add	10.38	
26 05 36 00-0830	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	230.76	93.79
			For 60 Degree Bend, Deduct	-40.20	
			For 30 Degree Bend, Deduct	-72.21	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.26	
			For 6" Overall Height Instead Of 4-5/8", Add	11.54	
26 05 36 00-0831	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	284.43	121.39
			For 60 Degree Bend, Deduct	-47.31	
			For 30 Degree Bend, Deduct	-85.60	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.32	
			For 6" Overall Height Instead Of 4-5/8", Add	14.22	
26 05 36 00-0832	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	354.93	152.77
			For 60 Degree Bend, Deduct	-58.56	
			For 30 Degree Bend, Deduct	-106.08	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.76	
			For 6" Overall Height Instead Of 4-5/8", Add	17.75	
26 05 36 00-0833	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	405.28	179.34
			For 60 Degree Bend, Deduct	-64.99	
			For 30 Degree Bend, Deduct	-118.28	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.58	
			For 6" Overall Height Instead Of 4-5/8", Add	20.26	
26 05 36 00-0834	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	478.81	217.07
			For 60 Degree Bend, Deduct	-74.79	
			For 30 Degree Bend, Deduct	-136.71	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.79	
			For 6" Overall Height Instead Of 4-5/8", Add	23.94	
26 05 36 00-0835			90 Degree, 12" Radius Vertical Risers (26 05 36 00-0786)		
26 05 36 00-0836	EA		6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	217.89	85.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.63	
			For 6" Overall Height Instead Of 4-5/8", Add	10.89	
26 05 36 00-0837	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	242.37	98.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.05	
			For 6" Overall Height Instead Of 4-5/8", Add	12.12	
26 05 36 00-0838	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	260.95	108.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.05	
			For 6" Overall Height Instead Of 4-5/8", Add	13.05	
26 05 36 00-0839	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	304.55	133.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.37	
			For 6" Overall Height Instead Of 4-5/8", Add	15.23	
26 05 36 00-0840	EA		24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	341.47	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.41	
			For 6" Overall Height Instead Of 4-5/8", Add	17.07	
26 05 36 00-0841	EA		30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	377.46	171.94
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.42	
			For 6" Overall Height Instead Of 4-5/8", Add	18.87	
26 05 36 00-0842	EA		36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	420.74	196.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.72	
			For 6" Overall Height Instead Of 4-5/8", Add	21.04	
26 05 36 00-0843			90 Degree, 24" Radius Vertical Risers (26 05 36 00-0786)		
26 05 36 00-0844	EA		6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	230.18	89.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.55	
			For 6" Overall Height Instead Of 4-5/8", Add	11.51	
26 05 36 00-0845	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	256.05	103.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.01	
			For 6" Overall Height Instead Of 4-5/8", Add	12.80	
26 05 36 00-0846	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	277.18	114.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.17	
			For 6" Overall Height Instead Of 4-5/8", Add	13.86	
26 05 36 00-0847	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	328.11	142.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.95	
			For 6" Overall Height Instead Of 4-5/8", Add	16.41	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0848	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	371.51	165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.39	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.58	
26 05 36 00-0849	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	414.12	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.79	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.71	
26 05 36 00-0850	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	470.35	217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.94	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.52	
26 05 36 00-0851		90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0852	EA	6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	281.01	93.70
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.29	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.05	
26 05 36 00-0853	EA	9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	308.43	108.58
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.80	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.42	
26 05 36 00-0854	EA	12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	338.04	121.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.69	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.90	
26 05 36 00-0855	EA	18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	395.74	152.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.84	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.79	
26 05 36 00-0856	EA	24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	445.43	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.60	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.27	
26 05 36 00-0857	EA	30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	501.25	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.93	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.06	
26 05 36 00-0858	EA	36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	568.14	242.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.61	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.41	
26 05 36 00-0859		12" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0860	EA	6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	361.25	165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.37	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.06	
26 05 36 00-0861	EA	9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	390.63	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.12	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.53	
26 05 36 00-0862	EA	12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	405.50	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.93	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.28	
26 05 36 00-0863	EA	18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	455.34	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.34	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.77	
26 05 36 00-0864	EA	24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	504.49	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.36	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.22	
26 05 36 00-0865	EA	30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	547.25	242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.49	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.36	
26 05 36 00-0866	EA	36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	628.97	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.98	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.45	
26 05 36 00-0867		24" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0868	EA	6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	445.65	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.62	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.28	
26 05 36 00-0869	EA	9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	482.83	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.90	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.14	
26 05 36 00-0870	EA	12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	503.31	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.14	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.17	
26 05 36 00-0871	EA	18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	555.28	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.44	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.76	
26 05 36 00-0872	EA	24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	618.91	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.40	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.95	
26 05 36 00-0873	EA	30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	665.66	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.65	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.28	
26 05 36 00-0874	EA	36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	846.81	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.21	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.34	
26 05 36 00-0875		36" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0876	EA	6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	535.03	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.12	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.75	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0877	EA	9"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	574.86 -39.40 28.74	217.07
26 05 36 00-0878	EA	12"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	614.53 -42.37 30.73	229.02
26 05 36 00-0879	EA	18"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	675.34 -46.04 33.77	257.91
26 05 36 00-0880	EA	24"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	761.58 -51.62 38.08	294.45
26 05 36 00-0881	EA	30"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	872.21 -60.75 43.61	317.66
26 05 36 00-0882	EA	36"	Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,005.71 -69.33 50.29	374.83
26 05 36 00-0883			12" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0884	EA	6"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	447.94 -32.06 22.40	152.77
26 05 36 00-0885	EA	9"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.61 -33.13 23.18	158.78
26 05 36 00-0886	EA	12"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	475.53 -33.79 23.78	165.15
26 05 36 00-0887	EA	18"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	503.50 -35.40 25.18	179.34
26 05 36 00-0888	EA	24"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	533.89 -37.77 26.69	187.41
26 05 36 00-0889	EA	30"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	569.62 -39.77 28.48	206.33
26 05 36 00-0890	EA	36"	Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	614.53 -42.37 30.73	229.02
26 05 36 00-0891			24" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0892	EA	6"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	602.51 -46.49 30.13	165.15
26 05 36 00-0893	EA	9"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	618.12 -47.48 30.91	171.94
26 05 36 00-0894	EA	12"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	634.71 -48.53 31.74	179.34
26 05 36 00-0895	EA	18"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	673.29 -50.95 33.66	196.61
26 05 36 00-0896	EA	24"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	698.01 -52.61 34.90	206.33
26 05 36 00-0897	EA	30"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	744.33 -55.35 37.22	229.02
26 05 36 00-0898	EA	36"	Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	824.89 -61.00 41.24	257.91
26 05 36 00-0899			36" Radius Vertical Tee <small>(26 05 36 00-0786)</small>		
26 05 36 00-0900	EA	6"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	921.60 -77.21 46.08	179.34
26 05 36 00-0901	EA	9"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	943.15 -78.70 47.16	187.41
26 05 36 00-0902	EA	12"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	966.48 -80.27 48.32	196.61
26 05 36 00-0903	EA	18"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,008.77 -82.79 50.44	217.07
26 05 36 00-0904	EA	24"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,036.78 -84.59 51.84	229.02
26 05 36 00-0905	EA	30"	Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,109.14 -89.42 55.46	257.91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0906 EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,178.06 -93.27 58.90	294.45
26 05 36 00-0907 12" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0908 EA 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.80 -29.19 23.19	206.33
26 05 36 00-0909 EA 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	494.44 -31.35 24.72	217.07
26 05 36 00-0910 EA 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	515.77 -32.49 25.79	229.02
26 05 36 00-0911 EA 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	567.00 -36.46 28.35	242.86
26 05 36 00-0912 EA 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	626.15 -39.70 31.31	274.93
26 05 36 00-0913 EA 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	688.21 -44.29 34.41	294.45
26 05 36 00-0914 EA 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	776.27 -51.16 38.81	317.66
26 05 36 00-0915 24" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0916 EA 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	611.71 -42.08 30.59	229.02
26 05 36 00-0917 EA 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	641.78 -43.94 32.09	242.86
26 05 36 00-0918 EA 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	673.93 -45.90 33.70	257.91
26 05 36 00-0919 EA 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	715.04 -48.59 35.75	274.93
26 05 36 00-0920 EA 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	808.72 -54.40 40.44	317.66
26 05 36 00-0921 EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	857.73 -57.12 42.89	343.88
26 05 36 00-0922 EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	945.63 -63.32 47.28	374.83
26 05 36 00-0923 36" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0924 EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	700.74 -48.58 35.04	257.91
26 05 36 00-0925 EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	726.75 -49.76 36.34	274.93
26 05 36 00-0926 EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	775.29 -52.99 38.76	294.45
26 05 36 00-0927 EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	848.23 -58.35 42.41	317.66
26 05 36 00-0928 EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,019.82 -70.74 50.99	374.83
26 05 36 00-0929 EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,124.03 -78.07 56.20	411.97
26 05 36 00-0930 EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,251.60 -86.92 62.58	458.90
26 05 36 00-0931 12" Radius Vertical Cross <small>(26 05 36 00-0786)</small>		
26 05 36 00-0932 EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.80 -29.19 23.19	206.33
26 05 36 00-0933 EA 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	494.56 -31.36 24.73	217.16
26 05 36 00-0934 EA 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	515.71 -32.49 25.79	229.02

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0935	EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	567.15 -36.47 28.36	242.95
26 05 36 00-0936	EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	626.15 -39.70 31.31	274.93
26 05 36 00-0937	EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	688.44 -44.30 34.42	294.54
26 05 36 00-0938	EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	775.62 -51.13 38.78	317.22
26 05 36 00-0939 24" Radius Vertical Crosses (26 05 36 00-0786)			
26 05 36 00-0940	EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	611.71 -42.08 30.59	229.02
26 05 36 00-0941	EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	641.78 -43.94 32.09	242.86
26 05 36 00-0942	EA 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	673.93 -45.90 33.70	257.91
26 05 36 00-0943	EA 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	715.04 -48.59 35.75	274.93
26 05 36 00-0944	EA 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	808.72 -54.40 40.44	317.66
26 05 36 00-0945	EA 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	872.23 -58.57 43.61	343.88
26 05 36 00-0946	EA 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	961.98 -64.96 48.10	374.83
26 05 36 00-0947 36" Radius Vertical Crosses (26 05 36 00-0786)			
26 05 36 00-0948	EA 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	822.63 -60.77 41.13	257.91
26 05 36 00-0949	EA 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	867.41 -63.83 43.37	274.93
26 05 36 00-0950	EA 12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	924.39 -67.90 46.22	294.45
26 05 36 00-0951	EA 18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	991.71 -72.70 49.59	317.66
26 05 36 00-0952	EA 24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,197.59 -88.52 59.88	374.83
26 05 36 00-0953	EA 30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,320.84 -97.75 66.04	411.97
26 05 36 00-0954	EA 36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,470.63 -108.82 73.53	458.90
26 05 36 00-0955 6" Rung Tray Fittings (26 05 36 00-0744)			
26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-0955)			
26 05 36 00-0957	EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	195.11 -12.33 9.76	86.23
26 05 36 00-0958	EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	216.43 -13.46 10.82	98.18
26 05 36 00-0959	EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	243.42 -15.30 12.17	108.58
26 05 36 00-0960	EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	292.13 -18.12 14.61	133.08
26 05 36 00-0961	EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	341.91 -21.46 17.10	152.77
26 05 36 00-0962	EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	379.04 -23.58 18.95	171.94
26 05 36 00-0963	EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	439.53 -27.58 21.98	196.52
26 05 36 00-0964	90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-0955)		

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

26 05 36 00-0965	EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	240.62	89.66
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.59	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.03	
26 05 36 00-0966	EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	266.87	103.07
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.10	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.34	
26 05 36 00-0967	EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	290.67	114.60
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.52	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.53	
26 05 36 00-0968	EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	345.31	142.37
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.67	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.27	
26 05 36 00-0969	EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	393.70	165.15
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.61	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.69	
26 05 36 00-0970	EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	441.96	187.41
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.58	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.10	
26 05 36 00-0971	EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	507.68	217.07
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.68	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.38	
26 05 36 00-0972	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0973	EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	256.48	93.70
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.84	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.82	
26 05 36 00-0974	EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	283.64	108.49
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.33	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.18	
26 05 36 00-0975	EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	316.99	121.39
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.58	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.85	
26 05 36 00-0976	EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	383.58	152.77
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.63	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.18	
26 05 36 00-0977	EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	444.78	179.34
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.53	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.24	
26 05 36 00-0978	EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	504.07	206.33
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.21	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.20	
26 05 36 00-0979	EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	587.62	242.43
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.56	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.38	
26 05 36 00-0980	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0981	EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	137.98	62.49
	<i>For 60 Degree Bend, Deduct</i>	-21.59	
	<i>For 30 Degree Bend, Deduct</i>	-39.45	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.59	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.90	
26 05 36 00-0982	EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	160.04	74.96
	<i>For 60 Degree Bend, Deduct</i>	-24.09	
	<i>For 30 Degree Bend, Deduct</i>	-44.31	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.76	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.00	
26 05 36 00-0983	EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	179.75	85.97
	<i>For 60 Degree Bend, Deduct</i>	-26.36	
	<i>For 30 Degree Bend, Deduct</i>	-48.71	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.81	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.99	
26 05 36 00-0984	EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	224.04	108.66
	<i>For 60 Degree Bend, Deduct</i>	-32.29	
	<i>For 30 Degree Bend, Deduct</i>	-59.85	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.35	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.20	
26 05 36 00-0985	EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	275.20	133.08
	<i>For 60 Degree Bend, Deduct</i>	-39.80	
	<i>For 30 Degree Bend, Deduct</i>	-73.73	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.43	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.76	
26 05 36 00-0986	EA 30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	315.86	152.77
	<i>For 60 Degree Bend, Deduct</i>	-45.66	
	<i>For 30 Degree Bend, Deduct</i>	-84.60	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.85	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.79	
26 05 36 00-0987	EA 36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	362.73	179.34
	<i>For 60 Degree Bend, Deduct</i>	-50.95	
	<i>For 30 Degree Bend, Deduct</i>	-94.88	
	<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.33	
	<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.14	
26 05 36 00-0988	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0989	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	152.99	64.48
			<i>For 60 Degree Bend, Deduct</i>	-25.78	
			<i>For 30 Degree Bend, Deduct</i>	-46.55	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.93	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.65	
26 05 36 00-0990	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	180.34	77.72
			<i>For 60 Degree Bend, Deduct</i>	-29.72	
			<i>For 30 Degree Bend, Deduct</i>	-53.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.56	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.02	
26 05 36 00-0991	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	201.65	89.75
			<i>For 60 Degree Bend, Deduct</i>	-32.15	
			<i>For 30 Degree Bend, Deduct</i>	-58.56	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.69	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.08	
26 05 36 00-0992	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	247.04	114.60
			<i>For 60 Degree Bend, Deduct</i>	-37.58	
			<i>For 30 Degree Bend, Deduct</i>	-69.01	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.35	
26 05 36 00-0993	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	302.34	142.37
			<i>For 60 Degree Bend, Deduct</i>	-45.21	
			<i>For 30 Degree Bend, Deduct</i>	-83.26	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.37	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.12	
26 05 36 00-0994	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	353.33	165.15
			<i>For 60 Degree Bend, Deduct</i>	-53.31	
			<i>For 30 Degree Bend, Deduct</i>	-98.02	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.57	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.67	
26 05 36 00-0995	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	409.68	196.61
			<i>For 60 Degree Bend, Deduct</i>	-59.84	
			<i>For 30 Degree Bend, Deduct</i>	-110.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.48	
26 05 36 00-0996			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0995)</small>		
26 05 36 00-0997	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	172.05	66.54
			<i>For 60 Degree Bend, Deduct</i>	-31.28	
			<i>For 30 Degree Bend, Deduct</i>	-55.83	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.66	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.60	
26 05 36 00-0998	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	197.17	80.81
			<i>For 60 Degree Bend, Deduct</i>	-34.09	
			<i>For 30 Degree Bend, Deduct</i>	-61.31	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.98	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.86	
26 05 36 00-0999	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	220.12	93.79
			<i>For 60 Degree Bend, Deduct</i>	-36.69	
			<i>For 30 Degree Bend, Deduct</i>	-66.36	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.20	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.01	
26 05 36 00-1000	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	272.71	121.39
			<i>For 60 Degree Bend, Deduct</i>	-43.45	
			<i>For 30 Degree Bend, Deduct</i>	-79.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.64	
26 05 36 00-1001	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	340.60	152.77
			<i>For 60 Degree Bend, Deduct</i>	-53.83	
			<i>For 30 Degree Bend, Deduct</i>	-98.20	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.33	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.03	
26 05 36 00-1002	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	390.08	179.34
			<i>For 60 Degree Bend, Deduct</i>	-59.97	
			<i>For 30 Degree Bend, Deduct</i>	-109.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.06	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.50	
26 05 36 00-1003	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	462.10	217.07
			<i>For 60 Degree Bend, Deduct</i>	-69.27	
			<i>For 30 Degree Bend, Deduct</i>	-127.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.12	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.11	
26 05 36 00-1004			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-0995)</small>		
26 05 36 00-1005	EA		6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	211.92	85.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.03	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.60	
26 05 36 00-1006	EA		9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	236.08	98.18
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.80	
26 05 36 00-1007	EA		12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	254.55	108.58
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.73	
26 05 36 00-1008	EA		18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	297.93	133.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.70	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.90	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1009	EA			24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	334.53 -20.72 16.73	152.77
26 05 36 00-1010	EA			30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	370.19 -22.69 18.51	171.94
26 05 36 00-1011	EA			36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	413.25 -24.97 20.66	196.26
26 05 36 00-1012				90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-0955)</small>		
26 05 36 00-1013	EA			6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	223.72 -14.90 11.19	89.66
26 05 36 00-1014	EA			9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	249.32 -16.34 12.47	103.16
26 05 36 00-1015	EA			12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	270.29 -17.48 13.51	114.60
26 05 36 00-1016	EA			18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	320.84 -20.22 16.04	142.37
26 05 36 00-1017	EA			24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	363.80 -22.62 18.19	165.15
26 05 36 00-1018	EA			30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	405.99 -24.98 20.30	187.41
26 05 36 00-1019	EA			36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	461.67 -28.08 23.08	217.07
26 05 36 00-1020				90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-0955)</small>		
26 05 36 00-1021	EA			6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	271.02 -19.29 13.55	93.70
26 05 36 00-1022	EA			9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	298.23 -20.78 14.91	108.58
26 05 36 00-1023	EA			12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	327.19 -22.60 16.36	121.39
26 05 36 00-1024	EA			18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	384.45 -25.71 19.22	152.77
26 05 36 00-1025	EA			24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	433.71 -28.43 21.69	179.34
26 05 36 00-1026	EA			30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	488.66 -31.67 24.43	206.33
26 05 36 00-1027	EA			36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	555.01 -35.30 27.75	242.43
26 05 36 00-1028				12" Radius Horizontal Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1029	EA			6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	354.63 -21.70 17.73	165.15
26 05 36 00-1030	EA			9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	383.57 -23.41 19.18	179.34
26 05 36 00-1031	EA			12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	398.33 -24.21 19.92	187.41
26 05 36 00-1032	EA			18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	446.76 -27.48 22.34	206.33
26 05 36 00-1033	EA			24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	495.04 -30.42 24.75	229.02
26 05 36 00-1034	EA			30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	536.29 -33.39 26.81	242.86
26 05 36 00-1035	EA			36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	615.84 -38.67 30.79	274.93
26 05 36 00-1036				24" Radius Horizontal Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1037	EA			6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	434.36 -28.49 21.72	179.34

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1038	EA		9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	470.89	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.71	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.54	
26 05 36 00-1039	EA		12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	491.04	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.91	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.55	
26 05 36 00-1040	EA		18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	541.93	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.11	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.10	
26 05 36 00-1041	EA		24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	604.36	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.22	
26 05 36 00-1042	EA		30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	649.70	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.06	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.49	
26 05 36 00-1043	EA		36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	822.40	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.77	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.12	
26 05 36 00-1044			36" Radius Horizontal Tees (26 05 36 00-0955)		
26 05 36 00-1045	EA		6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	519.07	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.53	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.95	
26 05 36 00-1046	EA		9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	558.47	217.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.76	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.92	
26 05 36 00-1047	EA		12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	596.63	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.83	
26 05 36 00-1048	EA		18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	656.46	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.82	
26 05 36 00-1049	EA		24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	740.74	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.54	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.04	
26 05 36 00-1050	EA		30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	845.84	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.12	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.29	
26 05 36 00-1051	EA		36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	976.41	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.40	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.82	
26 05 36 00-1052			12" Radius Vertical Tees (26 05 36 00-0955)		
26 05 36 00-1053	EA		6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	433.07	152.77
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.57	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.65	
26 05 36 00-1054	EA		9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	448.31	158.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.60	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.42	
26 05 36 00-1055	EA		12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	460.12	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.01	
26 05 36 00-1056	EA		18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	487.76	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.83	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.39	
26 05 36 00-1057	EA		24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	516.85	187.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.84	
26 05 36 00-1058	EA		30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	552.25	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.03	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.61	
26 05 36 00-1059	EA		36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	596.63	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.83	
26 05 36 00-1060			24" Radius Vertical Tees (26 05 36 00-0955)		
26 05 36 00-1061	EA		6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	577.33	165.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.97	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.87	
26 05 36 00-1062	EA		9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	592.62	171.94
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.93	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.63	
26 05 36 00-1063	EA		12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	608.88	179.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.44	
26 05 36 00-1064	EA		18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	646.70	196.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.29	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.34	
26 05 36 00-1065	EA		24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	670.77	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.88	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.54	
26 05 36 00-1066	EA		30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	716.44	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.56	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1067 EA 36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	794.50 -57.96 39.73	257.91
26 05 36 00-1068 36" Radius Vertical Tees (26 05 36 00-0955)		
26 05 36 00-1069 EA 6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	873.71 -72.43 43.69	179.34
26 05 36 00-1070 EA 9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	894.63 -73.84 44.73	187.41
26 05 36 00-1071 EA 12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	917.34 -75.35 45.87	196.61
26 05 36 00-1072 EA 18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	959.01 -77.81 47.95	217.07
26 05 36 00-1073 EA 24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	986.39 -79.55 49.32	229.02
26 05 36 00-1074 EA 30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,056.89 -84.20 52.84	257.91
26 05 36 00-1075 EA 36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,125.19 -87.98 56.26	294.45
26 05 36 00-1076 12" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1077 EA 6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	454.58 -28.26 22.73	206.33
26 05 36 00-1078 EA 9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	484.24 -30.33 24.21	217.07
26 05 36 00-1079 EA 12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	505.46 -31.46 25.27	229.02
26 05 36 00-1080 EA 18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	554.52 -35.21 27.73	242.86
26 05 36 00-1081 EA 24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	613.24 -38.41 30.66	274.93
26 05 36 00-1082 EA 30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	673.02 -42.77 33.65	294.45
26 05 36 00-1083 EA 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	757.28 -49.26 37.86	317.66
26 05 36 00-1084 24" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1085 EA 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	594.02 -40.32 29.70	229.02
26 05 36 00-1086 EA 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	623.54 -42.12 31.18	242.86
26 05 36 00-1087 EA 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	655.15 -44.02 32.76	257.91
26 05 36 00-1088 EA 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	695.29 -46.62 34.76	274.93
26 05 36 00-1089 EA 24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	787.23 -52.25 39.36	317.66
26 05 36 00-1090 EA 30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	849.23 -56.27 42.46	343.88
26 05 36 00-1091 EA 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	936.04 -62.37 46.80	374.83
26 05 36 00-1092 36" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1093 EA 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	679.90 -46.50 34.00	257.91
26 05 36 00-1094 EA 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	718.73 -48.96 35.94	274.93
26 05 36 00-1095 EA 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	766.79 -52.14 38.34	294.45

26 Electrical

26 05 Common Work Results For Electrical

26 05 36 Cable Trays For Electrical Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1096	EA		18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	823.70	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.90	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.19	
26 05 36 00-1097	EA		24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	989.43	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.70	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.47	
26 05 36 00-1098	EA		30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,090.38	411.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.71	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.52	
26 05 36 00-1099	EA		36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,214.16	458.90
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	60.71	
26 05 36 00-1100			12" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1101	EA		6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	454.58	206.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.26	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.73	
26 05 36 00-1102	EA		9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	484.36	217.16
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.34	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.22	
26 05 36 00-1103	EA		12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	505.40	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.27	
26 05 36 00-1104	EA		18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	554.67	242.95
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.22	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.73	
26 05 36 00-1105	EA		24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	613.24	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.66	
26 05 36 00-1106	EA		30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	673.25	294.54
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.78	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.66	
26 05 36 00-1107	EA		36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	756.63	317.22
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.83	
26 05 36 00-1108			24" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1109	EA		6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	594.02	229.02
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.70	
26 05 36 00-1110	EA		9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	623.54	242.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.12	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.18	
26 05 36 00-1111	EA		12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	655.15	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.02	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.76	
26 05 36 00-1112	EA		18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	695.29	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.62	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.76	
26 05 36 00-1113	EA		24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	787.23	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.36	
26 05 36 00-1114	EA		30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	849.23	343.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.27	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.46	
26 05 36 00-1115	EA		36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	936.04	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.37	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.80	
26 05 36 00-1116			36" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1117	EA		6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	792.42	257.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.75	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.62	
26 05 36 00-1118	EA		9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	835.94	274.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.68	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.80	
26 05 36 00-1119	EA		12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	891.03	294.45
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.57	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.55	
26 05 36 00-1120	EA		18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	956.15	317.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.81	
26 05 36 00-1121	EA		24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,153.53	374.83
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.11	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.68	
26 05 36 00-1122	EA		30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,272.06	411.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.60	
26 05 36 00-1123	EA		36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,416.34	458.90
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.39	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	70.82	
26 05 36 00-1124			9" Rung Tray Fittings (26 05 36 00-0744)		
26 05 36 00-1125			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1124)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1126 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	186.54	86.23
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.47	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.33	
26 05 36 00-1127 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	207.64	98.18
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.58	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.38	
26 05 36 00-1128 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	233.00	108.58
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.25	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.65	
26 05 36 00-1129 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	280.41	133.08
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.95	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.02	
26 05 36 00-1130 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	327.36	152.77
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.00	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.37	
26 05 36 00-1131 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	363.62	171.94
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.03	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.18	
26 05 36 00-1132 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	420.86	196.52
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.71	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.04	
26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1134 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	225.43	89.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.07	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.27	
26 05 36 00-1135 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	251.03	103.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.51	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.55	
26 05 36 00-1136 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	274.06	114.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.85	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.70	
26 05 36 00-1137 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	327.30	142.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.87	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.37	
26 05 36 00-1138 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	373.95	165.15
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.64	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.70	
26 05 36 00-1139 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	420.37	187.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.42	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.02	
26 05 36 00-1140 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	483.37	217.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.25	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.17	
26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1142 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	239.77	93.70
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.17	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.99	
26 05 36 00-1143 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	266.50	108.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.61	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.33	
26 05 36 00-1144 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	297.88	121.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.67	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.89	
26 05 36 00-1145 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	362.09	152.77
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.48	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.10	
26 05 36 00-1146 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	420.47	179.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.10	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.02	
26 05 36 00-1147 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	477.37	206.33
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.54	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.87	
26 05 36 00-1148 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	557.01	242.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.50	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.85	
26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1150 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	132.34	62.49
<i>For 60 Degree Bend, Deduct</i>	-19.72	
<i>For 30 Degree Bend, Deduct</i>	-36.35	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-8.03	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.62	
26 05 36 00-1151 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	154.18	74.96
<i>For 60 Degree Bend, Deduct</i>	-22.16	
<i>For 30 Degree Bend, Deduct</i>	-41.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.17	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.71	
26 05 36 00-1152 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	173.67	85.97
<i>For 60 Degree Bend, Deduct</i>	-24.36	
<i>For 30 Degree Bend, Deduct</i>	-45.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.20	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.68	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1153	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	216.87	108.66
	For 60 Degree Bend, Deduct	-29.92	
	For 30 Degree Bend, Deduct	-55.91	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.63	
	For 6" Overall Height Instead Of 4-5/8", Add	10.84	
26 05 36 00-1154	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	266.30	133.08
	For 60 Degree Bend, Deduct	-36.87	
	For 30 Degree Bend, Deduct	-68.84	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.54	
	For 6" Overall Height Instead Of 4-5/8", Add	13.32	
26 05 36 00-1155	EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	305.66	152.77
	For 60 Degree Bend, Deduct	-42.30	
	For 30 Degree Bend, Deduct	-78.99	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.83	
	For 6" Overall Height Instead Of 4-5/8", Add	15.28	
26 05 36 00-1156	EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	352.10	179.34
	For 60 Degree Bend, Deduct	-47.44	
	For 30 Degree Bend, Deduct	-89.03	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.26	
	For 6" Overall Height Instead Of 4-5/8", Add	17.61	
26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1124)			
26 05 36 00-1158	EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	145.39	64.48
	For 60 Degree Bend, Deduct	-23.27	
	For 30 Degree Bend, Deduct	-42.37	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.17	
	For 6" Overall Height Instead Of 4-5/8", Add	7.27	
26 05 36 00-1159	EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	171.88	77.72
	For 60 Degree Bend, Deduct	-26.92	
	For 30 Degree Bend, Deduct	-49.19	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.71	
	For 6" Overall Height Instead Of 4-5/8", Add	8.59	
26 05 36 00-1160	EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	192.97	89.75
	For 60 Degree Bend, Deduct	-29.28	
	For 30 Degree Bend, Deduct	-53.79	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.82	
	For 6" Overall Height Instead Of 4-5/8", Add	9.65	
26 05 36 00-1161	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	237.71	114.60
	For 60 Degree Bend, Deduct	-34.51	
	For 30 Degree Bend, Deduct	-63.88	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.22	
	For 6" Overall Height Instead Of 4-5/8", Add	11.89	
26 05 36 00-1162	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	291.48	142.37
	For 60 Degree Bend, Deduct	-41.63	
	For 30 Degree Bend, Deduct	-77.29	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.29	
	For 6" Overall Height Instead Of 4-5/8", Add	14.57	
26 05 36 00-1163	EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	340.31	165.15
	For 60 Degree Bend, Deduct	-49.01	
	For 30 Degree Bend, Deduct	-90.85	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.27	
	For 6" Overall Height Instead Of 4-5/8", Add	17.02	
26 05 36 00-1164	EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	396.00	196.61
	For 60 Degree Bend, Deduct	-55.33	
	For 30 Degree Bend, Deduct	-103.13	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.22	
	For 6" Overall Height Instead Of 4-5/8", Add	19.80	
26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1124)			
26 05 36 00-1166	EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	161.85	66.54
	For 60 Degree Bend, Deduct	-27.92	
	For 30 Degree Bend, Deduct	-50.22	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.64	
	For 6" Overall Height Instead Of 4-5/8", Add	8.09	
26 05 36 00-1167	EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	186.75	80.81
	For 60 Degree Bend, Deduct	-30.66	
	For 30 Degree Bend, Deduct	-55.58	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.94	
	For 6" Overall Height Instead Of 4-5/8", Add	9.34	
26 05 36 00-1168	EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	209.49	93.79
	For 60 Degree Bend, Deduct	-33.18	
	For 30 Degree Bend, Deduct	-60.51	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.13	
	For 6" Overall Height Instead Of 4-5/8", Add	10.47	
26 05 36 00-1169	EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	260.99	121.39
	For 60 Degree Bend, Deduct	-39.58	
	For 30 Degree Bend, Deduct	-72.71	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.98	
	For 6" Overall Height Instead Of 4-5/8", Add	13.05	
26 05 36 00-1170	EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	326.28	152.77
	For 60 Degree Bend, Deduct	-49.10	
	For 30 Degree Bend, Deduct	-90.33	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.90	
	For 6" Overall Height Instead Of 4-5/8", Add	16.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1171	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	374.89	179.34
			For 60 Degree Bend, Deduct	-54.96	
			For 30 Degree Bend, Deduct	-101.57	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.54	
			For 6" Overall Height Instead Of 4-5/8", Add	18.74	
26 05 36 00-1172	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	445.39	217.07
			For 60 Degree Bend, Deduct	-63.76	
			For 30 Degree Bend, Deduct	-118.33	
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.45	
			For 6" Overall Height Instead Of 4-5/8", Add	22.27	
26 05 36 00-1173			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1174	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	202.97	85.97
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.13	
			For 6" Overall Height Instead Of 4-5/8", Add	10.15	
26 05 36 00-1175	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	226.64	98.18
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.48	
			For 6" Overall Height Instead Of 4-5/8", Add	11.33	
26 05 36 00-1176	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	244.94	108.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.45	
			For 6" Overall Height Instead Of 4-5/8", Add	12.25	
26 05 36 00-1177	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	288.00	133.08
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.71	
			For 6" Overall Height Instead Of 4-5/8", Add	14.40	
26 05 36 00-1178	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	324.11	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.68	
			For 6" Overall Height Instead Of 4-5/8", Add	16.21	
26 05 36 00-1179	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	359.28	171.94
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.60	
			For 6" Overall Height Instead Of 4-5/8", Add	17.96	
26 05 36 00-1180	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	402.01	196.26
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.84	
			For 6" Overall Height Instead Of 4-5/8", Add	20.10	
26 05 36 00-1181			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1182	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	214.03	89.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.93	
			For 6" Overall Height Instead Of 4-5/8", Add	10.70	
26 05 36 00-1183	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	239.23	103.16
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.33	
			For 6" Overall Height Instead Of 4-5/8", Add	11.96	
26 05 36 00-1184	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	259.96	114.60
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.44	
			For 6" Overall Height Instead Of 4-5/8", Add	13.00	
26 05 36 00-1185	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	309.93	142.37
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.13	
			For 6" Overall Height Instead Of 4-5/8", Add	15.50	
26 05 36 00-1186	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	352.24	165.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.46	
			For 6" Overall Height Instead Of 4-5/8", Add	17.61	
26 05 36 00-1187	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	393.78	187.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.76	
			For 6" Overall Height Instead Of 4-5/8", Add	19.69	
26 05 36 00-1188	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	448.64	217.07
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.77	
			For 6" Overall Height Instead Of 4-5/8", Add	22.43	
26 05 36 00-1189			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1190	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	256.05	93.70
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.80	
			For 6" Overall Height Instead Of 4-5/8", Add	12.80	
26 05 36 00-1191	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	282.93	108.58
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.25	
			For 6" Overall Height Instead Of 4-5/8", Add	14.15	
26 05 36 00-1192	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	310.91	121.39
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.97	
			For 6" Overall Height Instead Of 4-5/8", Add	15.55	
26 05 36 00-1193	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	367.52	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.02	
			For 6" Overall Height Instead Of 4-5/8", Add	18.38	
26 05 36 00-1194	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	416.13	179.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.67	
			For 6" Overall Height Instead Of 4-5/8", Add	20.81	
26 05 36 00-1195	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	469.77	206.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.78	
			For 6" Overall Height Instead Of 4-5/8", Add	23.49	
26 05 36 00-1196	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	535.31	242.43
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.33	
			For 6" Overall Height Instead Of 4-5/8", Add	26.77	
26 05 36 00-1197			12" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1198	EA		6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	341.39	165.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.38	
			For 6" Overall Height Instead Of 4-5/8", Add	17.07	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1199	EA		9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	369.46	179.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.00	
			For 6" Overall Height Instead Of 4-5/8", Add	18.47	
26 05 36 00-1200	EA		12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	384.01	187.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.78	
			For 6" Overall Height Instead Of 4-5/8", Add	19.20	
26 05 36 00-1201	EA		18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.62	206.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.77	
			For 6" Overall Height Instead Of 4-5/8", Add	21.48	
26 05 36 00-1202	EA		24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	476.16	229.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.53	
			For 6" Overall Height Instead Of 4-5/8", Add	23.81	
26 05 36 00-1203	EA		30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	514.36	242.86
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.20	
			For 6" Overall Height Instead Of 4-5/8", Add	25.72	
26 05 36 00-1204	EA		36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	589.58	274.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.05	
			For 6" Overall Height Instead Of 4-5/8", Add	29.48	
26 05 36 00-1205 24" Radius Horizontal Tees (26 05 36 00-1124)					
26 05 36 00-1206	EA		6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	411.79	179.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.23	
			For 6" Overall Height Instead Of 4-5/8", Add	20.59	
26 05 36 00-1207	EA		9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	447.01	196.61
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.32	
			For 6" Overall Height Instead Of 4-5/8", Add	22.35	
26 05 36 00-1208	EA		12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	466.52	206.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.46	
			For 6" Overall Height Instead Of 4-5/8", Add	23.33	
26 05 36 00-1209	EA		18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	515.23	229.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.44	
			For 6" Overall Height Instead Of 4-5/8", Add	25.76	
26 05 36 00-1210	EA		24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	575.28	257.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.04	
			For 6" Overall Height Instead Of 4-5/8", Add	28.76	
26 05 36 00-1211	EA		30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	617.80	274.93
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.87	
			For 6" Overall Height Instead Of 4-5/8", Add	30.89	
26 05 36 00-1212	EA		36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	773.56	317.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.89	
			For 6" Overall Height Instead Of 4-5/8", Add	38.68	
26 05 36 00-1213 36" Radius Horizontal Tees (26 05 36 00-1124)					
26 05 36 00-1214	EA		6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	487.17	196.61
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.34	
			For 6" Overall Height Instead Of 4-5/8", Add	24.36	
26 05 36 00-1215	EA		9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	525.70	217.07
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.48	
			For 6" Overall Height Instead Of 4-5/8", Add	26.29	
26 05 36 00-1216	EA		12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	560.81	229.02
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.99	
			For 6" Overall Height Instead Of 4-5/8", Add	28.04	
26 05 36 00-1217	EA		18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	618.69	257.91
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.38	
			For 6" Overall Height Instead Of 4-5/8", Add	30.93	
26 05 36 00-1218	EA		24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	699.06	294.45
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.37	
			For 6" Overall Height Instead Of 4-5/8", Add	34.95	
26 05 36 00-1219	EA		30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	793.09	317.66
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.84	
			For 6" Overall Height Instead Of 4-5/8", Add	39.65	
26 05 36 00-1220	EA		36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	917.81	374.83
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.54	
			For 6" Overall Height Instead Of 4-5/8", Add	45.89	
26 05 36 00-1221 12" Radius Vertical Tees (26 05 36 00-1124)					
26 05 36 00-1222	EA		6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	403.33	152.77
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.60	
			For 6" Overall Height Instead Of 4-5/8", Add	20.17	
26 05 36 00-1223	EA		9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	417.70	158.78
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.54	
			For 6" Overall Height Instead Of 4-5/8", Add	20.89	
26 05 36 00-1224	EA		12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.30	165.15
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.17	
			For 6" Overall Height Instead Of 4-5/8", Add	21.47	
26 05 36 00-1225	EA		18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	456.29	179.34
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.68	
			For 6" Overall Height Instead Of 4-5/8", Add	22.81	
26 05 36 00-1226	EA		24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	482.77	187.41
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.66	
			For 6" Overall Height Instead Of 4-5/8", Add	24.14	
26 05 36 00-1227	EA		30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	517.52	206.33
			For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.56	
			For 6" Overall Height Instead Of 4-5/8", Add	25.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1228	EA		36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	560.81 -36.99 28.04	229.02
26 05 36 00-1229			24" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1230	EA		6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	526.97 -38.94 26.35	165.15
26 05 36 00-1231	EA		9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	541.61 -39.83 27.08	171.94
26 05 36 00-1232	EA		12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	557.22 -40.78 27.86	179.34
26 05 36 00-1233	EA		18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	593.52 -42.97 29.68	196.61
26 05 36 00-1234	EA		24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	616.29 -44.44 30.81	206.33
26 05 36 00-1235	EA		30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	660.66 -46.98 33.03	229.02
26 05 36 00-1236	EA		36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	733.73 -51.88 36.69	257.91
26 05 36 00-1237			36" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1238	EA		6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	777.91 -62.85 38.90	179.34
26 05 36 00-1239	EA		9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	797.59 -64.14 39.88	187.41
26 05 36 00-1240	EA		12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	819.06 -65.52 40.95	196.61
26 05 36 00-1241	EA		18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	859.48 -67.86 42.97	217.07
26 05 36 00-1242	EA		24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	885.61 -69.47 44.28	229.02
26 05 36 00-1243	EA		30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	952.38 -73.75 47.62	257.91
26 05 36 00-1244	EA		36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,019.44 -77.41 50.97	294.45
26 05 36 00-1245			12" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1246	EA		6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	436.13 -26.42 21.81	206.33
26 05 36 00-1247	EA		9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.84 -28.29 23.19	217.07
26 05 36 00-1248	EA		12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	484.84 -29.40 24.24	229.02
26 05 36 00-1249	EA		18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	529.56 -32.72 26.48	242.86
26 05 36 00-1250	EA		24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.41 -35.83 29.37	274.93
26 05 36 00-1251	EA		30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	642.63 -39.73 32.13	294.45
26 05 36 00-1252	EA		36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	719.29 -45.46 35.96	317.66
26 05 36 00-1253			24" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1254	EA		6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	558.64 -36.78 27.93	229.02
26 05 36 00-1255	EA		9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.08 -38.47 29.35	242.86
26 05 36 00-1256	EA		12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	617.60 -40.27 30.88	257.91

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1257	EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	655.78 -42.67 32.79	274.93
26 05 36 00-1258	EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	744.26 -47.96 37.21	317.66
26 05 36 00-1259	EA 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	803.21 -51.66 40.16	343.88
26 05 36 00-1260	EA 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	884.16 -57.18 44.21	374.83
26 05 36 00-1261	36" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1262	EA 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	638.22 -42.33 31.91	257.91
26 05 36 00-1263	EA 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	675.32 -44.62 33.77	274.93
26 05 36 00-1264	EA 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	720.77 -47.54 36.04	294.45
26 05 36 00-1265	EA 18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	774.64 -51.00 38.73	317.66
26 05 36 00-1266	EA 24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	928.66 -61.63 46.43	374.83
26 05 36 00-1267	EA 30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,023.10 -67.98 51.16	411.97
26 05 36 00-1268	EA 36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,139.27 -75.68 56.96	458.90
26 05 36 00-1269	12" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1270	EA 6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	436.13 -26.42 21.81	206.33
26 05 36 00-1271	EA 9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	463.84 -28.29 23.19	217.07
26 05 36 00-1272	EA 12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	484.84 -29.40 24.24	229.02
26 05 36 00-1273	EA 18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	529.56 -32.72 26.48	242.86
26 05 36 00-1274	EA 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.41 -35.83 29.37	274.93
26 05 36 00-1275	EA 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	642.63 -39.73 32.13	294.45
26 05 36 00-1276	EA 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	717.99 -45.40 35.90	316.79
26 05 36 00-1277	24" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1278	EA 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	558.64 -36.78 27.93	229.02
26 05 36 00-1279	EA 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.08 -38.47 29.35	242.86
26 05 36 00-1280	EA 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	617.60 -40.27 30.88	257.91
26 05 36 00-1281	EA 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	655.78 -42.67 32.79	274.93
26 05 36 00-1282	EA 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	744.26 -47.96 37.21	317.66
26 05 36 00-1283	EA 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	803.21 -51.66 40.16	343.88
26 05 36 00-1284	EA 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	884.16 -57.18 44.21	374.83
26 05 36 00-1285	36" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1286 EA 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	731.99	257.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.71	
For 6" Overall Height Instead Of 4-5/8", Add	36.60	
26 05 36 00-1287 EA 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	772.99	274.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.39	
For 6" Overall Height Instead Of 4-5/8", Add	38.65	
26 05 36 00-1288 EA 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	824.31	294.45
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.90	
For 6" Overall Height Instead Of 4-5/8", Add	41.22	
26 05 36 00-1289 EA 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	885.02	317.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.03	
For 6" Overall Height Instead Of 4-5/8", Add	44.25	
26 05 36 00-1290 EA 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,065.40	374.83
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.30	
For 6" Overall Height Instead Of 4-5/8", Add	53.27	
26 05 36 00-1291 EA 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,174.49	411.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.12	
For 6" Overall Height Instead Of 4-5/8", Add	58.72	
26 05 36 00-1292 EA 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,307.76	458.90
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-92.53	
For 6" Overall Height Instead Of 4-5/8", Add	65.39	
26 05 36 00-1293 12" Rung Tray Fittings (26 05 36 00-0744)		
26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1295 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	183.54	86.23
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.17	
For 6" Overall Height Instead Of 4-5/8", Add	9.18	
26 05 36 00-1296 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	204.57	98.18
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.27	
For 6" Overall Height Instead Of 4-5/8", Add	10.23	
26 05 36 00-1297 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	229.36	108.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.89	
For 6" Overall Height Instead Of 4-5/8", Add	11.47	
26 05 36 00-1298 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	276.30	133.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.54	
For 6" Overall Height Instead Of 4-5/8", Add	13.82	
26 05 36 00-1299 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	322.27	152.77
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.49	
For 6" Overall Height Instead Of 4-5/8", Add	16.11	
26 05 36 00-1300 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	358.23	171.94
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.49	
For 6" Overall Height Instead Of 4-5/8", Add	17.91	
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	414.33	196.52
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.06	
For 6" Overall Height Instead Of 4-5/8", Add	20.72	
26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1303 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	220.11	89.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.54	
For 6" Overall Height Instead Of 4-5/8", Add	11.01	
26 05 36 00-1304 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	245.48	103.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.96	
For 6" Overall Height Instead Of 4-5/8", Add	12.27	
26 05 36 00-1305 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	268.25	114.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.27	
For 6" Overall Height Instead Of 4-5/8", Add	13.41	
26 05 36 00-1306 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	320.99	142.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.24	
For 6" Overall Height Instead Of 4-5/8", Add	16.05	
26 05 36 00-1307 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	367.04	165.15
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.94	
For 6" Overall Height Instead Of 4-5/8", Add	18.35	
26 05 36 00-1308 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	412.81	187.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.66	
For 6" Overall Height Instead Of 4-5/8", Add	20.64	
26 05 36 00-1309 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	474.86	217.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.40	
For 6" Overall Height Instead Of 4-5/8", Add	23.74	
26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1311 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	233.92	93.70
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.58	
For 6" Overall Height Instead Of 4-5/8", Add	11.70	
26 05 36 00-1312 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	260.50	108.49
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.01	
For 6" Overall Height Instead Of 4-5/8", Add	13.03	
26 05 36 00-1313 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	291.20	121.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.00	
For 6" Overall Height Instead Of 4-5/8", Add	14.56	
26 05 36 00-1314 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	354.57	152.77
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.72	
For 6" Overall Height Instead Of 4-5/8", Add	17.73	
26 05 36 00-1315 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	411.96	179.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.25	
For 6" Overall Height Instead Of 4-5/8", Add	20.60	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1316	EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	468.03	206.33
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.61	
	For 6" Overall Height Instead Of 4-5/8", Add	23.40	
26 05 36 00-1317	EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	546.30	242.43
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.43	
	For 6" Overall Height Instead Of 4-5/8", Add	27.32	
26 05 36 00-1318	45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1319	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	130.36	62.49
	For 60 Degree Bend, Deduct	-19.07	
	For 30 Degree Bend, Deduct	-35.26	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-7.83	
	For 6" Overall Height Instead Of 4-5/8", Add	6.52	
26 05 36 00-1320	EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	152.13	74.96
	For 60 Degree Bend, Deduct	-21.48	
	For 30 Degree Bend, Deduct	-39.96	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.97	
	For 6" Overall Height Instead Of 4-5/8", Add	7.61	
26 05 36 00-1321	EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	171.54	85.97
	For 60 Degree Bend, Deduct	-23.65	
	For 30 Degree Bend, Deduct	-44.20	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-9.99	
	For 6" Overall Height Instead Of 4-5/8", Add	8.58	
26 05 36 00-1322	EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	214.37	108.66
	For 60 Degree Bend, Deduct	-29.10	
	For 30 Degree Bend, Deduct	-54.53	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.38	
	For 6" Overall Height Instead Of 4-5/8", Add	10.72	
26 05 36 00-1323	EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	263.18	133.08
	For 60 Degree Bend, Deduct	-35.84	
	For 30 Degree Bend, Deduct	-67.12	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.23	
	For 6" Overall Height Instead Of 4-5/8", Add	13.16	
26 05 36 00-1324	EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	302.09	152.77
	For 60 Degree Bend, Deduct	-41.12	
	For 30 Degree Bend, Deduct	-77.02	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.48	
	For 6" Overall Height Instead Of 4-5/8", Add	15.10	
26 05 36 00-1325	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	348.38	179.34
	For 60 Degree Bend, Deduct	-46.21	
	For 30 Degree Bend, Deduct	-86.99	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.89	
	For 6" Overall Height Instead Of 4-5/8", Add	17.42	
26 05 36 00-1326	45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1327	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	142.74	64.48
	For 60 Degree Bend, Deduct	-22.40	
	For 30 Degree Bend, Deduct	-40.91	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-8.90	
	For 6" Overall Height Instead Of 4-5/8", Add	7.14	
26 05 36 00-1328	EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	168.91	77.72
	For 60 Degree Bend, Deduct	-25.94	
	For 30 Degree Bend, Deduct	-47.56	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.41	
	For 6" Overall Height Instead Of 4-5/8", Add	8.45	
26 05 36 00-1329	EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	189.93	89.75
	For 60 Degree Bend, Deduct	-28.28	
	For 30 Degree Bend, Deduct	-52.12	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.52	
	For 6" Overall Height Instead Of 4-5/8", Add	9.50	
26 05 36 00-1330	EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	234.44	114.60
	For 60 Degree Bend, Deduct	-33.43	
	For 30 Degree Bend, Deduct	-62.08	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.89	
	For 6" Overall Height Instead Of 4-5/8", Add	11.72	
26 05 36 00-1331	EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	287.69	142.37
	For 60 Degree Bend, Deduct	-40.38	
	For 30 Degree Bend, Deduct	-75.20	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.91	
	For 6" Overall Height Instead Of 4-5/8", Add	14.38	
26 05 36 00-1332	EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	335.75	165.15
	For 60 Degree Bend, Deduct	-47.50	
	For 30 Degree Bend, Deduct	-88.35	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.82	
	For 6" Overall Height Instead Of 4-5/8", Add	16.79	
26 05 36 00-1333	EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	391.22	196.61
	For 60 Degree Bend, Deduct	-53.75	
	For 30 Degree Bend, Deduct	-100.50	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.74	
	For 6" Overall Height Instead Of 4-5/8", Add	19.56	
26 05 36 00-1334	45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1335	EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	158.28	66.54
	For 60 Degree Bend, Deduct	-26.74	
	For 30 Degree Bend, Deduct	-48.26	
	For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-10.29	
	For 6" Overall Height Instead Of 4-5/8", Add	7.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1336 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	183.11	80.81
For 60 Degree Bend, Deduct	-29.45	
For 30 Degree Bend, Deduct	-53.58	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.58	
For 6" Overall Height Instead Of 4-5/8", Add	9.16	
26 05 36 00-1337 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	205.77	93.79
For 60 Degree Bend, Deduct	-31.95	
For 30 Degree Bend, Deduct	-58.47	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.76	
For 6" Overall Height Instead Of 4-5/8", Add	10.29	
26 05 36 00-1338 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	256.88	121.39
For 60 Degree Bend, Deduct	-38.22	
For 30 Degree Bend, Deduct	-70.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.57	
For 6" Overall Height Instead Of 4-5/8", Add	12.84	
26 05 36 00-1339 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	321.26	152.77
For 60 Degree Bend, Deduct	-47.45	
For 30 Degree Bend, Deduct	-87.57	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.39	
For 6" Overall Height Instead Of 4-5/8", Add	16.06	
26 05 36 00-1340 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	369.57	179.34
For 60 Degree Bend, Deduct	-53.21	
For 30 Degree Bend, Deduct	-98.64	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.01	
For 6" Overall Height Instead Of 4-5/8", Add	18.48	
26 05 36 00-1341 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	439.54	217.07
For 60 Degree Bend, Deduct	-61.83	
For 30 Degree Bend, Deduct	-115.11	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.86	
For 6" Overall Height Instead Of 4-5/8", Add	21.98	
26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1343 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	197.00	85.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.54	
For 6" Overall Height Instead Of 4-5/8", Add	9.85	
26 05 36 00-1344 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	220.34	98.18
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.85	
For 6" Overall Height Instead Of 4-5/8", Add	11.02	
26 05 36 00-1345 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	238.54	108.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.81	
For 6" Overall Height Instead Of 4-5/8", Add	11.93	
26 05 36 00-1346 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	281.38	133.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.05	
For 6" Overall Height Instead Of 4-5/8", Add	14.07	
26 05 36 00-1347 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	317.16	152.77
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.98	
For 6" Overall Height Instead Of 4-5/8", Add	15.86	
26 05 36 00-1348 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	352.01	171.94
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.87	
For 6" Overall Height Instead Of 4-5/8", Add	17.60	
26 05 36 00-1349 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	394.53	196.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.10	
For 6" Overall Height Instead Of 4-5/8", Add	19.73	
26 05 36 00-1350 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1351 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	207.58	89.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.29	
For 6" Overall Height Instead Of 4-5/8", Add	10.38	
26 05 36 00-1352 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	232.50	103.16
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.65	
For 6" Overall Height Instead Of 4-5/8", Add	11.63	
26 05 36 00-1353 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	253.06	114.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.75	
For 6" Overall Height Instead Of 4-5/8", Add	12.65	
26 05 36 00-1354 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	302.66	142.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.41	
For 6" Overall Height Instead Of 4-5/8", Add	15.13	
26 05 36 00-1355 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	344.54	165.15
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.69	
For 6" Overall Height Instead Of 4-5/8", Add	17.23	
26 05 36 00-1356 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	385.64	187.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.95	
For 6" Overall Height Instead Of 4-5/8", Add	19.28	
26 05 36 00-1357 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	439.96	217.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.91	
For 6" Overall Height Instead Of 4-5/8", Add	22.00	
26 05 36 00-1358 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1359 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	246.06	93.70
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.80	
For 6" Overall Height Instead Of 4-5/8", Add	12.30	
26 05 36 00-1360 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	272.72	108.58
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.23	
For 6" Overall Height Instead Of 4-5/8", Add	13.64	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1361	EA	12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	300.06	121.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.89	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.00	
26 05 36 00-1362	EA	18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	356.23	152.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.89	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.81	
26 05 36 00-1363	EA	24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	404.41	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.50	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.22	
26 05 36 00-1364	EA	30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	457.18	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.52	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.86	
26 05 36 00-1365	EA	36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	522.18	242.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.02	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.11	
26 05 36 00-1366 12" Radius Horizontal Tees (26 05 36 00-1293)				
26 05 36 00-1367	EA	6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	334.77	165.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.72	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.74	
26 05 36 00-1368	EA	9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	362.41	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.30	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.12	
26 05 36 00-1369	EA	12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	376.85	187.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.07	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.84	
26 05 36 00-1370	EA	18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	421.04	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.91	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.05	
26 05 36 00-1371	EA	24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	466.72	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.59	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.34	
26 05 36 00-1372	EA	30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	503.40	242.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.10	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.17	
26 05 36 00-1373	EA	36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	576.45	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.73	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.82	
26 05 36 00-1374 24" Radius Horizontal Tees (26 05 36 00-1293)				
26 05 36 00-1375	EA	6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	400.50	179.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.10	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.03	
26 05 36 00-1376	EA	9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	435.07	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.13	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.75	
26 05 36 00-1377	EA	12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	454.25	206.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.23	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.71	
26 05 36 00-1378	EA	18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	501.88	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.10	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.09	
26 05 36 00-1379	EA	24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	560.73	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.58	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.04	
26 05 36 00-1380	EA	30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	601.84	274.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.27	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.09	
26 05 36 00-1381	EA	36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	749.14	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.45	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.46	
26 05 36 00-1382 36" Radius Horizontal Tees (26 05 36 00-1293)				
26 05 36 00-1383	EA	6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	471.21	196.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.74	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.56	
26 05 36 00-1384	EA	9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	509.31	217.07
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.84	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.47	
26 05 36 00-1385	EA	12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	542.90	229.02
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.20	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.15	
26 05 36 00-1386	EA	18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	599.80	257.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.49	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.99	
26 05 36 00-1387	EA	24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	678.23	294.45
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.29	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.91	
26 05 36 00-1388	EA	30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	766.72	317.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.20	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.34	
26 05 36 00-1389	EA	36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	888.50	374.83
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.61	
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.43	

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

26 05 36 00-1390 12" Radius Vertical Tees <small>(26 05 36 00-1293)</small>			
26 05 36 00-1391	EA 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	388.47 -26.11 19.42	152.77
26 05 36 00-1392	EA 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	402.40 -27.01 20.12	158.78
26 05 36 00-1393	EA 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	413.89 -27.63 20.69	165.15
26 05 36 00-1394	EA 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	440.55 -29.11 22.03	179.34
26 05 36 00-1395	EA 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	465.73 -30.95 23.29	187.41
26 05 36 00-1396	EA 30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	500.16 -32.82 25.01	206.33
26 05 36 00-1397	EA 36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	542.90 -35.20 27.15	229.02
26 05 36 00-1398 24" Radius Vertical Tees <small>(26 05 36 00-1293)</small>			
26 05 36 00-1399	EA 6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	501.80 -36.42 25.09	165.15
26 05 36 00-1400	EA 9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	516.11 -37.28 25.81	171.94
26 05 36 00-1401	EA 12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	531.39 -38.19 26.57	179.34
26 05 36 00-1402	EA 18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	566.93 -40.31 28.35	196.61
26 05 36 00-1403	EA 24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	589.04 -41.71 29.45	206.33
26 05 36 00-1404	EA 30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	632.77 -44.19 31.64	229.02
26 05 36 00-1405	EA 36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	703.34 -48.84 35.17	257.91
26 05 36 00-1406 36" Radius Vertical Tees <small>(26 05 36 00-1293)</small>			
26 05 36 00-1407	EA 6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	730.01 -58.06 36.50	179.34
26 05 36 00-1408	EA 9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	749.07 -59.29 37.45	187.41
26 05 36 00-1409	EA 12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	769.91 -60.61 38.50	196.61
26 05 36 00-1410	EA 18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	809.71 -62.88 40.49	217.07
26 05 36 00-1411	EA 24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	835.23 -64.44 41.76	229.02
26 05 36 00-1412	EA 30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	900.13 -68.52 45.01	257.91
26 05 36 00-1413	EA 36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	966.56 -72.12 48.33	294.45
26 05 36 00-1414 12" Radius Horizontal Crosses <small>(26 05 36 00-1293)</small>			
26 05 36 00-1415	EA 6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	426.90 -25.50 21.35	206.33
26 05 36 00-1416	EA 9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	453.63 -27.27 22.68	217.07
26 05 36 00-1417	EA 12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	474.53 -28.37 23.73	229.02
26 05 36 00-1418	EA 18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	517.08 -31.47 25.85	242.86
26 05 36 00-1419	EA 24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	574.49 -34.54 28.72	274.93

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1420	EA 30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	627.44 -38.21 31.37	294.45
26 05 36 00-1421	EA 36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	700.30 -43.56 35.02	317.66
26 05 36 00-1422	24" Radius Horizontal Crosses (26 05 36 00-1293)		
26 05 36 00-1423	EA 6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	540.95 -35.01 27.05	229.02
26 05 36 00-1424	EA 9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	568.84 -36.65 28.44	242.86
26 05 36 00-1425	EA 12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	598.83 -38.39 29.94	257.91
26 05 36 00-1426	EA 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	636.03 -40.69 31.80	274.93
26 05 36 00-1427	EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	722.77 -45.81 36.14	317.66
26 05 36 00-1428	EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	780.20 -49.36 39.01	343.88
26 05 36 00-1429	EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	858.22 -54.58 42.91	374.83
26 05 36 00-1430	36" Radius Horizontal Crosses (26 05 36 00-1293)		
26 05 36 00-1431	EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	617.39 -40.25 30.87	257.91
26 05 36 00-1432	EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	653.61 -42.45 32.68	274.93
26 05 36 00-1433	EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	697.76 -45.24 34.89	294.45
26 05 36 00-1434	EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	750.12 -48.54 37.51	317.66
26 05 36 00-1435	EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	898.27 -58.59 44.91	374.83
26 05 36 00-1436	EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	989.45 -64.61 49.47	411.97
26 05 36 00-1437	EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,101.83 -71.94 55.09	458.90
26 05 36 00-1438	12" Radius Vertical Crosses (26 05 36 00-1293)		
26 05 36 00-1439	EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	426.90 -25.50 21.35	206.33
26 05 36 00-1440	EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	453.75 -27.28 22.69	217.16
26 05 36 00-1441	EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	474.47 -28.36 23.72	229.02
26 05 36 00-1442	EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	517.23 -31.48 25.86	242.95
26 05 36 00-1443	EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	574.49 -34.54 28.72	274.93
26 05 36 00-1444	EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	627.67 -38.22 31.38	294.54
26 05 36 00-1445	EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	699.65 -43.53 34.98	317.22
26 05 36 00-1446	24" Radius Vertical Crosses (26 05 36 00-1293)		
26 05 36 00-1447	EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	540.95 -35.01 27.05	229.02
26 05 36 00-1448	EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	568.84 -36.65 28.44	242.86

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1449	EA			12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	598.83 -38.39 29.94	257.91
26 05 36 00-1450	EA			18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	636.03 -40.69 31.80	274.93
26 05 36 00-1451	EA			24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	722.77 -45.81 36.14	317.66
26 05 36 00-1452	EA			30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	780.20 -49.36 39.01	343.88
26 05 36 00-1453	EA			36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	858.22 -54.58 42.91	374.83
26 05 36 00-1454 36" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>						
26 05 36 00-1455	EA			6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	701.78 -48.69 35.09	257.91
26 05 36 00-1456	EA			9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	741.52 -51.24 37.08	274.93
26 05 36 00-1457	EA			12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	790.94 -54.56 39.55	294.45
26 05 36 00-1458	EA			18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	849.45 -58.48 42.47	317.66
26 05 36 00-1459	EA			24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,021.34 -70.90 51.07	374.83
26 05 36 00-1460	EA			30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,125.71 -78.24 56.29	411.97
26 05 36 00-1461	EA			36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,253.47 -87.10 62.67	458.90
26 05 36 00-1462 Dropout Or End Plates And Reducers <small>(26 05 36 00-0744)</small>						
26 05 36 00-1463 Straight Reducers <small>(26 05 36 00-1462)</small>						
26 05 36 00-1464	EA			9"-6" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	154.61 -10.17 7.73	63.45
26 05 36 00-1465	EA			12"-9" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	164.43 -10.72 8.22	68.69
26 05 36 00-1466	EA			18"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	183.19 -11.71 9.16	79.26
26 05 36 00-1467	EA			24"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	204.95 -12.85 10.25	91.73
26 05 36 00-1468	EA			30"-24" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	225.12 -13.92 11.26	103.16
26 05 36 00-1469	EA			36"-30" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	252.88 -15.47 12.64	117.86
26 05 36 00-1470 Reducers <small>(26 05 36 00-1462)</small>						
26 05 36 00-1471	EA			18"-6" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	183.28 -11.71 9.16	79.35
26 05 36 00-1472	EA			24"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	205.17 -12.86 10.26	91.82
26 05 36 00-1473	EA			30"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	224.98 -13.91 11.25	103.07
26 05 36 00-1474	EA			30"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	225.92 -14.01 11.30	102.99
26 05 36 00-1475	EA			36"-12" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	251.80 -15.36 12.59	117.86
26 05 36 00-1476	EA			36"-18" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	258.05 -15.72 12.90	120.96
26 05 36 00-1477	EA			36"-24" Reducer, Aluminum Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	266.67 -16.26 13.33	124.83
26 05 36 00-1478 Dropout Or End Plate <small>(26 05 36 00-1462)</small>						

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1479	EA		6" Dropout Or End Plate, Aluminum Cable Tray	49.44	25.80
26 05 36 00-1480	EA		9" Dropout Or End Plate, Aluminum Cable Tray	55.99	29.48
26 05 36 00-1481	EA		12" Dropout Or End Plate, Aluminum Cable Tray	60.36	31.72
26 05 36 00-1482	EA		18" Dropout Or End Plate, Aluminum Cable Tray	72.53	37.48
26 05 36 00-1483	EA		24" Dropout Or End Plate, Aluminum Cable Tray	80.56	41.27
26 05 36 00-1484	EA		30" Dropout Or End Plate, Aluminum Cable Tray	90.43	45.82
26 05 36 00-1485	EA		36" Dropout Or End Plate, Aluminum Cable Tray	101.54	51.58
26 05 36 00-1486			Solid Bottom Cable Tray (26 05 36 00-0001) Note: 3-5/8" Height.		
26 05 36 00-1487			Solid Bottom Galvanized Steel Straight Tray Sections (26 05 36 00-1486)		
26 05 36 00-1488	LF		6" Solid Bottom Steel Cable Tray, Straight Section	19.20	6.70
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	1.76	
26 05 36 00-1489	LF		12" Solid Bottom Steel Cable Tray, Straight Section.....	23.86	8.26
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	2.21	
26 05 36 00-1490	LF		18" Solid Bottom Steel Cable Tray, Straight Section.....	32.21	11.87
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	2.85	
26 05 36 00-1491	LF		24" Solid Bottom Steel Cable Tray, Straight Section.....	37.21	13.58
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	3.31	
26 05 36 00-1492	LF		30" Solid Bottom Steel Cable Tray, Straight Section.....	44.65	16.42
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	3.96	
26 05 36 00-1493	LF		36" Solid Bottom Steel Cable Tray, Straight Section.....	56.08	18.83
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	5.28	
26 05 36 00-1494			Solid Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-1486)		
26 05 36 00-1495			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1496	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	203.67	86.06
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.21	
26 05 36 00-1497	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	269.33	121.04
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.22	
26 05 36 00-1498	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	331.82	152.77
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	24.31	
26 05 36 00-1499	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	406.90	187.67
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	29.75	
26 05 36 00-1500	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	474.56	217.50
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.94	
26 05 36 00-1501	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	532.56	242.86
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	39.41	
26 05 36 00-1502			90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1503	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	234.96	89.58
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.31	
26 05 36 00-1504	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	315.21	129.04
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	25.77	
26 05 36 00-1505	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	390.94	165.15
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	31.12	
26 05 36 00-1506	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	478.92	206.33
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.45	
26 05 36 00-1507	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	561.94	242.43
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	43.89	
26 05 36 00-1508	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	635.50	274.93
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.50	
26 05 36 00-1509			90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1510	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	281.37	93.62
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	26.61	
26 05 36 00-1511	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	370.69	137.81
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.64	
26 05 36 00-1512	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	471.76	179.59
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	40.83	
26 05 36 00-1513	EA		24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	568.63	229.02
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	47.12	
26 05 36 00-1514	EA		30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	682.52	274.93
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	56.55	
26 05 36 00-1515	EA		36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	780.07	316.79
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	64.20	
26 05 36 00-1516			45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1494)		
26 05 36 00-1517	EA		6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	188.68	86.06
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	13.96	
26 05 36 00-1518	EA		12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	252.45	121.04
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	17.69	
26 05 36 00-1519	EA		18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	312.22	152.60
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	21.40	
26 05 36 00-1520	EA		24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	382.91	187.41
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	26.20	
26 05 36 00-1521	EA		30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	446.53	217.50
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	30.74	
26 05 36 00-1522	EA		36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	499.85	242.43
			For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.58	

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

26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>			
26 05 36 00-1524	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	213.66 17.10	89.66
26 05 36 00-1525	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	289.98 22.01	128.96
26 05 36 00-1526	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	362.35 26.80	165.32
26 05 36 00-1527	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	445.16 32.39	206.33
26 05 36 00-1528	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	523.21 38.01	242.86
26 05 36 00-1529	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	591.19 42.85	274.93
26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>			
26 05 36 00-1531	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	250.25 21.92	93.70
26 05 36 00-1532	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	314.06 26.28	124.91
26 05 36 00-1533	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	428.65 34.36	179.59
26 05 36 00-1534	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	522.60 40.15	229.46
26 05 36 00-1535	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	626.46 48.14	274.93
26 05 36 00-1536	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	718.37 54.82	317.66
26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1494)</small>			
26 05 36 00-1538	EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	216.55 18.18	85.80
26 05 36 00-1539	EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	278.98 21.67	121.04
26 05 36 00-1540	EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	333.02 24.49	152.77
26 05 36 00-1541	EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	404.49 29.39	187.67
26 05 36 00-1542	EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	460.09 32.77	217.50
26 05 36 00-1543	EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	505.27 35.39	242.43
26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1494)</small>			
26 05 36 00-1545	EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	253.04 23.02	89.58
26 05 36 00-1546	EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	328.47 27.76	129.04
26 05 36 00-1547	EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	398.17 32.21	165.15
26 05 36 00-1548	EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	477.72 37.27	206.33
26 05 36 00-1549	EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	545.06 41.36	242.43
26 05 36 00-1550	EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	612.59 46.06	274.93
26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1494)</small>			
26 05 36 00-1552	EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	297.04 28.96	93.62
26 05 36 00-1553	EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	366.61 34.13	125.17
26 05 36 00-1554	EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	471.76 40.83	179.59
26 05 36 00-1555	EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	571.04 47.48	229.02
26 05 36 00-1556	EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	664.44 53.84	274.93
26 05 36 00-1557	EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	752.33 60.04	316.79
26 05 36 00-1558 12" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>			
26 05 36 00-1559	EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	359.59 26.42	165.15
26 05 36 00-1560	EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	434.97 30.91	205.98
26 05 36 00-1561	EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	513.27 36.52	242.86
26 05 36 00-1562	EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	613.59 42.86	295.05

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1563	EA		30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	668.03 47.27	317.66
26 05 36 00-1564	EA		36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	783.94 55.11	374.83
26 05 36 00-1565			24" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	430.34 34.66	179.34
26 05 36 00-1567	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	534.87 42.06	229.02
26 05 36 00-1568	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	628.27 48.41	274.93
26 05 36 00-1569	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	803.42 63.20	343.88
26 05 36 00-1570	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	875.57 68.86	374.83
26 05 36 00-1571	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,036.14 78.94	458.90
26 05 36 00-1572			36" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1573	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	533.81 47.31	196.61
26 05 36 00-1574	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	660.14 56.04	257.91
26 05 36 00-1575	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	780.16 64.09	317.66
26 05 36 00-1576	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	946.71 79.53	374.83
26 05 36 00-1577	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,038.52 86.89	413.34
26 05 36 00-1578	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,221.41 97.24	515.81
26 05 36 00-1579			12" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	413.85 34.56	165.15
26 05 36 00-1581	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	488.57 38.90	206.33
26 05 36 00-1582	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	528.84 41.15	229.02
26 05 36 00-1583	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	565.56 44.44	242.43
26 05 36 00-1584	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	630.68 48.78	274.93
26 05 36 00-1585	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	707.82 53.24	317.66
26 05 36 00-1586			24" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	503.89 45.69	179.34
26 05 36 00-1588	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	596.36 51.28	229.02
26 05 36 00-1589	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	655.32 55.31	257.91
26 05 36 00-1590	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	694.58 58.36	274.93
26 05 36 00-1591	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	788.60 65.35	317.66
26 05 36 00-1592	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	896.07 71.93	374.83
26 05 36 00-1593			36" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	646.65 64.28	196.26
26 05 36 00-1595	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	755.40 70.33	257.91
26 05 36 00-1596	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	840.35 76.98	294.45
26 05 36 00-1597	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	891.09 80.73	317.66
26 05 36 00-1598	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,046.78 94.54	374.83
26 05 36 00-1599	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,132.78 101.25	411.97
26 05 36 00-1600			12" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	445.16 32.39	206.33
26 05 36 00-1602	EA		12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	514.47 36.70	242.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1603 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	619.70	294.45
For 4-5/8" Overall Height Instead Of 3-5/8", Add	43.89	
26 05 36 00-1604 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	717.82	343.88
For 4-5/8" Overall Height Instead Of 3-5/8", Add	50.36	
26 05 36 00-1605 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	848.23	411.97
For 4-5/8" Overall Height Instead Of 3-5/8", Add	58.57	
26 05 36 00-1606 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	942.09	458.90
For 4-5/8" Overall Height Instead Of 3-5/8", Add	64.83	
 26 05 36 00-1607 24" Radius Horizontal Crosses (26 05 36 00-1494)		
26 05 36 00-1608 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	566.91	229.46
For 4-5/8" Overall Height Instead Of 3-5/8", Add	46.79	
26 05 36 00-1609 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	664.44	274.93
For 4-5/8" Overall Height Instead Of 3-5/8", Add	53.84	
26 05 36 00-1610 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	803.42	343.88
For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.20	
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	984.26	413.34
For 4-5/8" Overall Height Instead Of 3-5/8", Add	78.75	
26 05 36 00-1612 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,084.37	458.90
For 4-5/8" Overall Height Instead Of 3-5/8", Add	86.17	
26 05 36 00-1613 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,197.29	515.81
For 4-5/8" Overall Height Instead Of 3-5/8", Add	93.62	
 26 05 36 00-1614 36" Radius Horizontal Crosses (26 05 36 00-1494)		
26 05 36 00-1615 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	731.28	257.91
For 4-5/8" Overall Height Instead Of 3-5/8", Add	66.71	
26 05 36 00-1616 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	860.94	317.66
For 4-5/8" Overall Height Instead Of 3-5/8", Add	76.20	
26 05 36 00-1617 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,050.58	413.34
For 4-5/8" Overall Height Instead Of 3-5/8", Add	88.70	
26 05 36 00-1618 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,192.88	458.90
For 4-5/8" Overall Height Instead Of 3-5/8", Add	102.45	
26 05 36 00-1619 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,323.89	515.81
For 4-5/8" Overall Height Instead Of 3-5/8", Add	112.61	
26 05 36 00-1620 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,475.74	588.80
For 4-5/8" Overall Height Instead Of 3-5/8", Add	123.22	
 26 05 36 00-1621 Straight Reducers (26 05 36 00-1494)		
26 05 36 00-1622 EA 12"-6" Reducer, Solid Bottom, Steel Cable Tray.....	173.71	68.78
For 4-5/8" Overall Height Instead Of 3-5/8", Add	14.59	
26 05 36 00-1623 EA 18"-12" Reducer, Solid Bottom, Steel Cable Tray.....	189.84	77.72
For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.52	
26 05 36 00-1624 EA 24"-18" Reducer, Solid Bottom, Steel Cable Tray.....	211.95	89.58
For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.87	
26 05 36 00-1625 EA 30"-24" Reducer, Solid Bottom, Steel Cable Tray.....	239.46	103.16
For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.73	
26 05 36 00-1626 EA 36"-30" Reducer, Solid Bottom, Steel Cable Tray.....	260.63	114.43
For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.02	
 26 05 36 00-1627 Reducers (26 05 36 00-1494)		
26 05 36 00-1628 EA 18"-6" Reducer, Solid Bottom, Steel Cable Tray.....	189.92	77.80
For 4-5/8" Overall Height Instead Of 3-5/8", Add	15.53	
26 05 36 00-1629 EA 24"-12" Reducer, Solid Bottom, Steel Cable Tray.....	211.05	89.75
For 4-5/8" Overall Height Instead Of 3-5/8", Add	16.70	
26 05 36 00-1630 EA 30"-12" Reducer, Solid Bottom, Steel Cable Tray.....	236.91	103.07
For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.36	
26 05 36 00-1631 EA 30"-18" Reducer, Solid Bottom, Steel Cable Tray.....	237.97	102.99
For 4-5/8" Overall Height Instead Of 3-5/8", Add	18.53	
26 05 36 00-1632 EA 36"-12" Reducer, Solid Bottom, Steel Cable Tray.....	259.43	114.43
For 4-5/8" Overall Height Instead Of 3-5/8", Add	19.84	
26 05 36 00-1633 EA 36"-18" Reducer, Solid Bottom, Steel Cable Tray.....	260.63	114.43
For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.02	
26 05 36 00-1634 EA 36"-24" Reducer, Solid Bottom, Steel Cable Tray.....	262.18	114.60
For 4-5/8" Overall Height Instead Of 3-5/8", Add	20.22	
 26 05 36 00-1635 Dropout Or End Plate (26 05 36 00-1494)		
26 05 36 00-1636 EA 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	55.28	25.80
26 05 36 00-1637 EA 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	67.75	31.47
26 05 36 00-1638 EA 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	78.64	37.31
26 05 36 00-1639 EA 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	88.13	41.27
26 05 36 00-1640 EA 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	98.04	45.82
26 05 36 00-1641 EA 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	109.18	51.58
 26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections (26 05 36 00-1486)		
26 05 36 00-1643 LF 6" Solid Bottom Aluminum Cable Tray, Straight Section.....	17.68	5.41
For 4-5/8" Overall Height Instead Of 3-5/8", Add	1.75	
26 05 36 00-1644 LF 12" Solid Bottom Aluminum Cable Tray, Straight Section.....	21.89	6.36
For 4-5/8" Overall Height Instead Of 3-5/8", Add	2.23	
26 05 36 00-1645 LF 18" Solid Bottom Aluminum Cable Tray, Straight Section.....	28.05	8.26
For 4-5/8" Overall Height Instead Of 3-5/8", Add	2.82	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1646	LF 24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	33.08 3.45	9.11
26 05 36 00-1647	LF 30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	40.78 4.16	11.78
26 05 36 00-1648	LF 36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	48.13 5.07	12.90
26 05 36 00-1649	Solid Bottom Aluminum Cable Tray Fittings (26 05 36 00-1486)		
26 05 36 00-1650	90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)		
26 05 36 00-1651	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	212.84 17.59	86.06
26 05 36 00-1652	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	258.75 20.75	108.32
26 05 36 00-1653	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	297.69 24.43	121.30
26 05 36 00-1654	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	347.09 28.32	142.45
26 05 36 00-1655	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	409.03 33.80	165.32
26 05 36 00-1656	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	462.62 38.11	187.67
26 05 36 00-1657	90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)		
26 05 36 00-1658	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	248.11 22.28	89.58
26 05 36 00-1659	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	308.42 27.14	114.77
26 05 36 00-1660	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	348.41 30.77	128.96
26 05 36 00-1661	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	419.61 37.48	152.77
26 05 36 00-1662	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	487.34 43.25	179.08
26 05 36 00-1663	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	560.94 49.75	206.33
26 05 36 00-1664	90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1649)		
26 05 36 00-1665	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	302.48 29.78	93.62
26 05 36 00-1666	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	378.39 36.50	121.56
26 05 36 00-1667	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	437.99 42.74	137.81
26 05 36 00-1668	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	498.41 47.28	164.89
26 05 36 00-1669	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	580.50 54.31	196.61
26 05 36 00-1670	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	677.35 63.50	228.68
26 05 36 00-1671	45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)		
26 05 36 00-1672	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	197.65 15.30	86.06
26 05 36 00-1673	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	241.56 18.17	108.32
26 05 36 00-1674	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	276.49 21.27	121.22
26 05 36 00-1675	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	322.46 24.67	142.20
26 05 36 00-1676	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	379.66 29.40	165.32
26 05 36 00-1677	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	428.75 33.12	187.15
26 05 36 00-1678	45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)		
26 05 36 00-1679	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	226.49 19.03	89.66
26 05 36 00-1680	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	282.46 23.27	114.60
26 05 36 00-1681	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	319.47 26.39	129.21
26 05 36 00-1682	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	383.32 32.03	152.77
26 05 36 00-1683	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	446.63 37.06	179.59
26 05 36 00-1684	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	513.18 42.59	206.33
26 05 36 00-1685	45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1649)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1686 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	270.48 24.95	93.70
26 05 36 00-1687 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	339.33 30.68	121.30
26 05 36 00-1688 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	392.15 35.86	137.81
26 05 36 00-1689 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	449.92 39.93	165.32
26 05 36 00-1690 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	524.87 45.97	196.61
26 05 36 00-1691 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	613.53 53.79	229.46
26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1693 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	225.48 19.52	85.80
26 05 36 00-1694 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	266.35 21.89	108.32
26 05 36 00-1695 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	298.78 24.60	121.30
26 05 36 00-1696 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	339.50 27.18	142.45
26 05 36 00-1697 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	384.07 30.06	165.32
26 05 36 00-1698 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	423.71 32.36	187.15
26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1700 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	266.56 25.05	89.58
26 05 36 00-1701 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	318.19 28.61	114.77
26 05 36 00-1702 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	351.67 31.26	128.96
26 05 36 00-1703 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	403.33 35.03	152.77
26 05 36 00-1704 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	455.87 38.53	179.08
26 05 36 00-1705 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	517.52 43.24	206.33
26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1707 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	310.08 30.92	93.62
26 05 36 00-1708 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	376.21 36.17	121.56
26 05 36 00-1709 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	418.46 39.81	137.81
26 05 36 00-1710 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	471.28 43.21	164.89
26 05 36 00-1711 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	544.69 48.94	196.61
26 05 36 00-1712 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	606.81 52.91	228.68
26 05 36 00-1713 12" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1714 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	382.63 29.88	165.15
26 05 36 00-1715 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	442.16 35.13	187.15
26 05 36 00-1716 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	490.39 39.17	206.33
26 05 36 00-1717 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	546.31 43.70	229.46
26 05 36 00-1718 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	647.10 51.24	274.93
26 05 36 00-1719 EA 36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	790.19 61.22	343.88
26 05 36 00-1720 24" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1721 EA 6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	475.82 41.48	179.34
26 05 36 00-1722 EA 12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	543.57 47.15	206.33
26 05 36 00-1723 EA 18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	607.48 52.95	229.02
26 05 36 00-1724 EA 24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	735.01 64.43	274.93
26 05 36 00-1725 EA 30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	887.86 75.87	343.88
26 05 36 00-1726 EA 36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	979.32 84.24	375.94

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-1727	36" Radius Horizontal Tees (26 05 36 00-1649)		
26 05 36 00-1728	EA 6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	615.23 59.52	196.61
26 05 36 00-1729	EA 12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	696.47 66.30	229.02
26 05 36 00-1730	EA 18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	793.42 76.03	257.91
26 05 36 00-1731	EA 24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	951.33 89.89	316.79
26 05 36 00-1732	EA 30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,155.53 104.44	413.34
26 05 36 00-1733	EA 36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,285.78 116.38	458.90
26 05 36 00-1734	12" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1735	EA 6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	428.21 36.71	165.15
26 05 36 00-1736	EA 12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	468.66 39.06	187.41
26 05 36 00-1737	EA 18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	489.92 40.78	196.26
26 05 36 00-1738	EA 24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	516.97 43.21	205.98
26 05 36 00-1739	EA 30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	570.58 47.41	229.02
26 05 36 00-1740	EA 36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	657.95 52.87	274.93
26 05 36 00-1741	24" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1742	EA 6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	524.66 48.81	179.34
26 05 36 00-1743	EA 12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	582.64 53.01	206.33
26 05 36 00-1744	EA 18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	616.86 56.35	217.07
26 05 36 00-1745	EA 24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	658.49 60.60	229.02
26 05 36 00-1746	EA 30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	733.73 67.07	257.91
26 05 36 00-1747	EA 36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	848.23 74.43	316.79
26 05 36 00-1748	36" Radius Vertical Tees (26 05 36 00-1649)		
26 05 36 00-1749	EA 6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	679.85 69.26	196.26
26 05 36 00-1750	EA 12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	746.06 74.20	226.27
26 05 36 00-1751	EA 18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	794.69 78.80	242.43
26 05 36 00-1752	EA 24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	831.40 81.73	257.91
26 05 36 00-1753	EA 30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	924.80 89.65	294.45
26 05 36 00-1754	EA 36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	672.53 38.40	374.83
26 05 36 00-1755	12" Radius Horizontal Crosses (26 05 36 00-1649)		
26 05 36 00-1756	EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	449.13 36.13	187.41
26 05 36 00-1757	EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	497.99 40.31	206.33
26 05 36 00-1758	EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	579.81 46.57	242.43
26 05 36 00-1759	EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	690.38 54.49	294.45
26 05 36 00-1760	EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	753.81 60.26	316.79
26 05 36 00-1761	EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	876.21 68.77	375.94
26 05 36 00-1762	24" Radius Horizontal Crosses (26 05 36 00-1649)		
26 05 36 00-1763	EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	583.19 53.04	206.67
26 05 36 00-1764	EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	658.49 60.60	229.02
26 05 36 00-1765	EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	758.88 68.01	274.93
26 05 36 00-1766	EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	938.23 83.27	344.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1767 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,028.15 91.56	375.94
26 05 36 00-1768 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,182.68 100.92	458.90
26 05 36 00-1769 36" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1770 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	788.72 80.13	229.02
26 05 36 00-1771 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	869.39 87.42	257.91
26 05 36 00-1772 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,017.75 99.73	317.66
26 05 36 00-1773 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,220.65 114.21	413.34
26 05 36 00-1774 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,340.05 124.52	458.90
26 05 36 00-1775 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,532.56 143.92	515.81
26 05 36 00-1776 Straight Reducers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1777 EA 12"-6" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	165.61 15.01	58.98
26 05 36 00-1778 EA 18"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	183.91 16.14	68.69
26 05 36 00-1779 EA 24"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	203.35 17.55	77.72
26 05 36 00-1780 EA 30"-24" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	229.77 19.52	89.66
26 05 36 00-1781 EA 36"-30" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	256.31 21.28	102.99
26 05 36 00-1782 Reducers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1783 EA 18"-6" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	182.88 15.98	68.69
26 05 36 00-1784 EA 24"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	202.49 17.40	77.89
26 05 36 00-1785 EA 30"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	227.49 19.19	89.58
26 05 36 00-1786 EA 30"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	228.48 19.35	89.58
26 05 36 00-1787 EA 36"-12" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	256.31 21.28	102.99
26 05 36 00-1788 EA 36"-18" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	257.40 21.44	102.99
26 05 36 00-1789 EA 36"-24" Reducer, Solid Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	259.85 21.78	103.16
26 05 36 00-1790 Dropout Or End Plate <small>(26 05 36 00-1649)</small>		
26 05 36 00-1791 EA 6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	56.71	25.80
26 05 36 00-1792 EA 12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	67.96	31.47
26 05 36 00-1793 EA 18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	80.80	37.31
26 05 36 00-1794 EA 24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	89.24	41.27
26 05 36 00-1795 EA 30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	100.22	45.82
26 05 36 00-1796 EA 36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	113.64	51.58
26 05 36 00-1797 Vented Bottom Cable Tray <small>(26 05 36 00-0001)</small> Note: 6" Height.		
26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-1797)</small>		
26 05 36 00-1799 LF 6" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	25.49 -1.80	9.03
26 05 36 00-1800 LF 12" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	29.88 -2.13	10.31
26 05 36 00-1801 LF 18" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	35.09 -2.52	11.87
26 05 36 00-1802 LF 24" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	40.26 -2.89	13.58
26 05 36 00-1803 LF 30" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	52.61 -3.89	16.42
26 05 36 00-1804 LF 36" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	62.65 -4.54	20.63
26 05 36 00-1805 Vented Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-1797)</small>		
26 05 36 00-1806 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1807 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	245.25 -15.47	108.66
26 05 36 00-1808 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	321.26 -19.87	147.01
26 05 36 00-1809 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	399.97 -24.38	187.41

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1810	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	490.42 -29.92	229.46
26 05 36 00-1811	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	553.10 -33.77	258.43
26 05 36 00-1812	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	633.39 -38.75	295.05
26 05 36 00-1813	90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1814	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	285.66 -19.02	114.51
26 05 36 00-1815	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	373.87 -24.15	158.78
26 05 36 00-1816	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	475.86 -30.39	206.33
26 05 36 00-1817	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	578.63 -36.37	257.91
26 05 36 00-1818	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	615.64 -39.36	266.41
26 05 36 00-1819	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	772.31 -48.57	343.88
26 05 36 00-1820	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1821	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	343.39 -24.25	121.04
26 05 36 00-1822	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	448.93 -30.55	172.20
26 05 36 00-1823	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	576.81 -38.56	229.46
26 05 36 00-1824	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	695.87 -45.05	294.45
26 05 36 00-1825	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	803.50 -51.69	343.88
26 05 36 00-1826	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	943.43 -60.01	411.97
26 05 36 00-1827	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1828	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	231.29 -14.07	108.75
26 05 36 00-1829	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	304.50 -18.20	147.01
26 05 36 00-1830	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	380.25 -22.43	187.15
26 05 36 00-1831	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	465.97 -27.51	229.02
26 05 36 00-1832	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	526.17 -31.08	258.43
26 05 36 00-1833	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	601.13 -35.58	294.45
26 05 36 00-1834	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1835	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	264.98 -16.95	114.60
26 05 36 00-1836	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	349.85 -21.75	158.78
26 05 36 00-1837	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	447.38 -27.52	206.67
26 05 36 00-1838	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	545.90 -33.10	257.91
26 05 36 00-1839	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	625.64 -37.97	295.05
26 05 36 00-1840	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	728.49 -44.19	343.88
26 05 36 00-1841	45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1842	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	312.63 -21.15	121.30
26 05 36 00-1843	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	412.54 -26.94	171.68
26 05 36 00-1844	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	534.04 -34.28	229.46
26 05 36 00-1845	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	651.85 -40.59	295.05
26 05 36 00-1846	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	752.82 -46.63	343.88
26 05 36 00-1847	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	889.14 -54.47	413.34
26 05 36 00-1848	90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1849	EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	263.40 -17.31	108.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1850 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	337.46 -21.49	147.01
26 05 36 00-1851 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	405.97 -24.98	187.41
26 05 36 00-1852 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	489.22 -29.80	229.46
26 05 36 00-1853 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	539.90 -32.45	258.43
26 05 36 00-1854 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	605.88 -36.05	294.45
26 05 36 00-1855 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1856 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	309.66 -21.42	114.51
26 05 36 00-1857 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	390.67 -25.83	158.78
26 05 36 00-1858 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	483.06 -31.11	206.33
26 05 36 00-1859 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	573.83 -35.89	257.91
26 05 36 00-1860 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	652.67 -40.73	294.45
26 05 36 00-1861 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	742.31 -45.57	343.88
26 05 36 00-1862 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1863 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	362.59 -26.17	121.04
26 05 36 00-1864 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.33 -31.39	172.20
26 05 36 00-1865 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	572.01 -38.08	229.46
26 05 36 00-1866 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	693.47 -44.81	294.45
26 05 36 00-1867 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	780.71 -49.41	343.88
26 05 36 00-1868 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	917.03 -57.37	411.97
26 05 36 00-1869 12" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1870 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	441.07 -26.91	206.33
26 05 36 00-1871 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	536.98 -32.25	257.40
26 05 36 00-1872 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	614.20 -36.83	295.05
26 05 36 00-1873 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	714.71 -42.81	343.88
26 05 36 00-1874 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	786.76 -47.44	374.83
26 05 36 00-1875 EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	864.24 -52.09	411.97
26 05 36 00-1876 24" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1877 EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	542.52 -35.17	229.02
26 05 36 00-1878 EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	665.87 -42.05	294.45
26 05 36 00-1879 EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	768.71 -48.21	343.88
26 05 36 00-1880 EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	941.03 -59.77	411.97
26 05 36 00-1881 EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,040.82 -65.84	458.90
26 05 36 00-1882 EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,164.45 -73.46	515.81
26 05 36 00-1883 36" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1884 EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	660.22 -44.53	257.91
26 05 36 00-1885 EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	835.90 -54.93	343.88
26 05 36 00-1886 EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	975.63 -63.12	413.34
26 05 36 00-1887 EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,205.25 -77.54	515.81
26 05 36 00-1888 EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,351.85 -85.89	591.56
26 05 36 00-1889 EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,575.16 -100.36	685.95

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1890			12" Radius Vertical Tees (26 05 36 00-1805)		
26 05 36 00-1891	EA		6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	505.86	206.33
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.39	
26 05 36 00-1892	EA		12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	594.23	257.91
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.93	
26 05 36 00-1893	EA		18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	626.24	274.93
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-39.71	
26 05 36 00-1894	EA		24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	668.27	294.45
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.29	
26 05 36 00-1895	EA		30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	717.75	317.66
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-45.31	
26 05 36 00-1896	EA		36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray.....	816.76	374.83
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.44	
26 05 36 00-1897			24" Radius Vertical Tees (26 05 36 00-1805)		
26 05 36 00-1898	EA		6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	598.91	229.02
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-40.80	
26 05 36 00-1899	EA		12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	718.66	294.45
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.33	
26 05 36 00-1900	EA		18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	768.14	317.66
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.35	
26 05 36 00-1901	EA		24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	829.90	343.88
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-54.33	
26 05 36 00-1902	EA		30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	894.75	374.83
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.24	
26 05 36 00-1903	EA		36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,057.62	458.90
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.52	
26 05 36 00-1904			36" Radius Vertical Tees (26 05 36 00-1805)		
26 05 36 00-1905	EA		6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	774.55	257.40
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.01	
26 05 36 00-1906	EA		12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	927.09	343.88
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.05	
26 05 36 00-1907	EA		18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	990.74	374.83
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.84	
26 05 36 00-1908	EA		24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,078.81	413.34
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-73.44	
26 05 36 00-1909	EA		30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,214.80	458.90
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-83.24	
26 05 36 00-1910	EA		36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,437.34	588.80
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-94.66	
26 05 36 00-1911			12" Radius Horizontal Crosses (26 05 36 00-1805)		
26 05 36 00-1912	EA		6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	554.64	257.91
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.97	
26 05 36 00-1913	EA		12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	617.80	295.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.19	
26 05 36 00-1914	EA		18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	713.51	343.88
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.69	
26 05 36 00-1915	EA		24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	834.24	411.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.09	
26 05 36 00-1916	EA		30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	927.72	457.27
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-54.67	
26 05 36 00-1917	EA		36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray.....	1,045.67	515.81
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.58	
26 05 36 00-1918			24" Radius Horizontal Crosses (26 05 36 00-1805)		
26 05 36 00-1919	EA		6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	687.39	295.05
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-44.15	
26 05 36 00-1920	EA		12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	778.31	343.88
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.17	
26 05 36 00-1921	EA		18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	912.23	411.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.89	
26 05 36 00-1922	EA		24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,146.46	515.81
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-71.66	
26 05 36 00-1923	EA		30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,298.15	588.80
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-80.75	
26 05 36 00-1924	EA		36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray.....	1,479.17	685.95
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-90.76	
26 05 36 00-1925			36" Radius Horizontal Crosses (26 05 36 00-1805)		
26 05 36 00-1926	EA		6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	903.09	343.88
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.65	
26 05 36 00-1927	EA		12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,035.62	413.34
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-69.12	
26 05 36 00-1928	EA		18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,213.65	515.81
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-78.38	
26 05 36 00-1929	EA		24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,575.27	689.56
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-100.06	
26 05 36 00-1930	EA		30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray.....	1,845.66	826.59
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-115.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1931 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,223.33 -136.36	1,031.64
26 05 36 00-1932 Straight Reducers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1933 EA 12"-6" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	207.00 -13.38	87.86
26 05 36 00-1934 EA 18"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	226.55 -14.48	98.18
26 05 36 00-1935 EA 24"-18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	257.89 -16.25	114.43
26 05 36 00-1936 EA 30"-24" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	284.51 -17.71	128.96
26 05 36 00-1937 EA 36"-30" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	311.09 -19.27	142.03
26 05 36 00-1938 Reducers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1939 EA 18"-6" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	226.55 -14.48	98.18
26 05 36 00-1940 EA 24"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	257.03 -16.15	114.60
26 05 36 00-1941 EA 30"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	283.10 -17.57	128.78
26 05 36 00-1942 EA 30"-18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	284.08 -17.68	128.70
26 05 36 00-1943 EA 36"-12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	309.89 -19.15	142.03
26 05 36 00-1944 EA 36"-18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	311.09 -19.27	142.03
26 05 36 00-1945 EA 36"-24" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	312.81 -19.42	142.37
26 05 36 00-1946 Dropout Or End Plate <small>(26 05 36 00-1805)</small>		
26 05 36 00-1947 EA 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	67.33	31.72
26 05 36 00-1948 EA 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	79.69	37.22
26 05 36 00-1949 EA 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	87.87	41.09
26 05 36 00-1950 EA 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	98.69	45.82
26 05 36 00-1951 EA 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	109.75	51.49
26 05 36 00-1952 EA 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	129.04	61.55
26 05 36 00-1953 Vented Bottom Aluminum Cable Tray <small>(26 05 36 00-1797)</small>		
26 05 36 00-1954 LF 6" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	22.64 -1.70	6.70
26 05 36 00-1955 LF 9" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	25.08 -1.89	7.40
26 05 36 00-1956 LF 12" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	28.06 -2.12	8.26
26 05 36 00-1957 LF 18" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	32.53 -2.48	9.20
26 05 36 00-1958 LF 24" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	37.18 -2.87	10.23
26 05 36 00-1959 LF 30" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	46.75 -3.69	11.78
26 05 36 00-1960 LF 36" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	52.30 -4.08	13.84
26 05 36 00-1961 Vented Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1797)</small>		
26 05 36 00-1962 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1963 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	255.94 -16.54	108.66
26 05 36 00-1964 EA 9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	278.03 -17.97	117.95
26 05 36 00-1965 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	308.16 -19.75	132.83
26 05 36 00-1966 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	346.28 -22.36	147.18
26 05 36 00-1967 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	416.55 -26.69	179.59
26 05 36 00-1968 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	488.77 -31.66	206.67
26 05 36 00-1969 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	539.80 -34.86	229.46
26 05 36 00-1970 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1971 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	299.40 -20.40	114.51
26 05 36 00-1972 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	364.20 -24.56	142.37
26 05 36 00-1973 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.19 -27.89	158.78

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1974	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	494.26 -33.07	196.26
26 05 36 00-1975	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	572.08 -38.15	228.68
26 05 36 00-1976	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	636.05 -42.11	257.91
26 05 36 00-1977	90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1978	EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	354.83 -25.39	121.04
26 05 36 00-1979	EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	429.68 -30.22	152.94
26 05 36 00-1980	EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	485.56 -34.21	172.20
26 05 36 00-1981	EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	578.88 -39.80	217.07
26 05 36 00-1982	EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	605.65 -43.03	210.36
26 05 36 00-1983	EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	767.44 -52.21	294.45
26 05 36 00-1984	45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1985	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	239.63 -14.90	108.75
26 05 36 00-1986	EA 9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	260.30 -16.19	118.12
26 05 36 00-1987	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	289.06 -17.84	132.83
26 05 36 00-1988	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	323.80 -20.13	147.01
26 05 36 00-1989	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	390.34 -24.09	179.34
26 05 36 00-1990	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.02 -28.48	206.67
26 05 36 00-1991	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	504.49 -31.36	229.02
26 05 36 00-1992	45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1993	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	275.69 -18.02	114.60
26 05 36 00-1994	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	336.26 -21.77	142.37
26 05 36 00-1995	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	379.29 -24.68	159.04
26 05 36 00-1996	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.99 -29.42	196.61
26 05 36 00-1997	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	531.42 -34.02	229.46
26 05 36 00-1998	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	590.69 -37.58	257.91
26 05 36 00-1999	45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000	EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	321.55 -22.05	121.30
26 05 36 00-2001	EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	390.64 -26.35	152.60
26 05 36 00-2002	EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	441.86 -29.84	172.20
26 05 36 00-2003	EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	531.73 -35.05	217.50
26 05 36 00-2004	EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.68 -40.13	242.86
26 05 36 00-2005	EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	707.67 -46.18	295.05
26 05 36 00-2006	90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007	EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	271.77 -18.15	108.32
26 05 36 00-2008	EA 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	292.69 -19.46	117.69
26 05 36 00-2009	EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	319.02 -20.84	132.83
26 05 36 00-2010	EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	346.28 -22.36	147.18
26 05 36 00-2011	EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	411.12 -26.15	179.59
26 05 36 00-2012	EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	461.64 -28.94	206.67
26 05 36 00-2013	EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	500.04 -30.92	229.02

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

26 05 36 00-2014	90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015	EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	313.51 -21.81	114.51
26 05 36 00-2016	EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	370.71 -25.21	142.37
26 05 36 00-2017	EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	410.11 -27.78	158.78
26 05 36 00-2018	EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	475.23 -31.14	196.61
26 05 36 00-2019	EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	536.94 -34.61	229.02
26 05 36 00-2020	EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	592.64 -37.77	257.91
26 05 36 00-2021	90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2022	EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	353.75 -25.28	121.04
26 05 36 00-2023	EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	417.74 -29.03	152.94
26 05 36 00-2024	EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	469.28 -32.58	172.20
26 05 36 00-2025	EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	559.34 -37.84	217.07
26 05 36 00-2026	EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	621.81 -41.94	242.86
26 05 36 00-2027	EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	714.26 -46.89	294.45
26 05 36 00-2028	12" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029	EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	457.83 -28.59	206.33
26 05 36 00-2030	EA 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.03 -29.81	217.07
26 05 36 00-2031	EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	508.05 -31.75	228.68
26 05 36 00-2032	EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	578.31 -36.30	258.43
26 05 36 00-2033	EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	659.99 -41.46	294.45
26 05 36 00-2034	EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	754.37 -46.78	343.88
26 05 36 00-2035	EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	830.98 -51.86	374.83
26 05 36 00-2036	24" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037	EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	555.38 -36.45	229.02
26 05 36 00-2038	EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	626.51 -41.20	257.40
26 05 36 00-2039	EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	707.75 -46.24	294.45
26 05 36 00-2040	EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	842.92 -55.71	342.93
26 05 36 00-2041	EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	981.89 -63.75	413.34
26 05 36 00-2042	EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,106.71 -72.43	458.90
26 05 36 00-2043	36" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044	EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	708.77 -49.38	257.91
26 05 36 00-2045	EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	810.85 -56.55	294.45
26 05 36 00-2046	EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	842.24 -60.29	287.22
26 05 36 00-2047	EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,109.92 -76.66	411.97
26 05 36 00-2048	EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,313.53 -88.20	517.88
26 05 36 00-2049	EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,502.32 -101.16	588.80
26 05 36 00-2050	12" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051	EA 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	500.16 -32.82	206.33
26 05 36 00-2052	EA 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	519.19 -33.83	217.07
26 05 36 00-2053	EA 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	551.04 -36.02	229.02
26 05 36 00-2054	EA 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	575.14 -37.28	242.86

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2055	EA 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.72 -38.92	257.40
26 05 36 00-2056	EA 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	640.59 -41.15	274.93
26 05 36 00-2057	EA 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	717.99 -45.40	316.79
26 05 36 00-2058	24" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059	EA 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.14 -41.23	229.02
26 05 36 00-2060	EA 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	667.75 -45.33	257.40
26 05 36 00-2061	EA 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	713.30 -48.42	274.93
26 05 36 00-2062	EA 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	762.01 -51.67	294.45
26 05 36 00-2063	EA 30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	821.10 -55.71	316.79
26 05 36 00-2064	EA 36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	925.05 -61.18	375.94
26 05 36 00-2065	36" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2066	EA 6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	770.85 -55.64	257.40
26 05 36 00-2067	EA 12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	854.26 -60.89	294.45
26 05 36 00-2068	EA 18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	902.49 -63.85	316.79
26 05 36 00-2069	EA 24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	976.21 -68.89	344.82
26 05 36 00-2070	EA 30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,060.71 -74.74	375.94
26 05 36 00-2071	EA 36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,217.96 -83.69	457.27
26 05 36 00-2072	12" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2073	EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	523.91 -33.30	229.02
26 05 36 00-2074	EA 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	556.69 -35.43	242.86
26 05 36 00-2075	EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	586.99 -37.16	258.43
26 05 36 00-2076	EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	654.57 -40.92	294.45
26 05 36 00-2077	EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	753.93 -46.81	342.93
26 05 36 00-2078	EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	844.36 -53.29	373.80
26 05 36 00-2079	EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,031.83 -64.94	458.90
26 05 36 00-2080	24" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2081	EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	685.75 -47.04	258.43
26 05 36 00-2082	EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	769.61 -52.43	294.45
26 05 36 00-2083	EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	872.22 -58.64	342.93
26 05 36 00-2084	EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,033.95 -69.06	411.97
26 05 36 00-2085	EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,136.56 -75.55	457.27
26 05 36 00-2086	EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,404.65 -91.40	588.80
26 05 36 00-2087	36" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2088	EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	908.52 -66.32	294.45
26 05 36 00-2089	EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,019.62 -73.23	344.82
26 05 36 00-2090	EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,169.61 -82.63	411.97
26 05 36 00-2091	EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,422.06 -99.05	517.88
26 05 36 00-2092	EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,593.65 -110.07	591.56
26 05 36 00-2093	EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,848.64 -127.70	685.95
26 05 36 00-2094	Straight Reducers <small>(26 05 36 00-1961)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2095 EA 9"-6" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	184.15 -12.68	68.78
26 05 36 00-2096 EA 12"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	193.45 -13.31	72.48
26 05 36 00-2097 EA 18"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	221.33 -14.97	85.89
26 05 36 00-2098 EA 24"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	247.01 -16.53	98.09
26 05 36 00-2099 EA 30"-24" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	276.78 -18.13	114.60
26 05 36 00-2100 EA 36"-30" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	303.48 -19.62	128.70
26 05 36 00-2101 Reducers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2102 EA 12"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	193.25 -13.30	72.30
26 05 36 00-2103 EA 18"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	221.23 -14.97	85.89
26 05 36 00-2104 EA 18"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	221.23 -14.97	85.89
26 05 36 00-2105 EA 24"-6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	247.13 -16.54	98.18
26 05 36 00-2106 EA 24"-9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	247.13 -16.54	98.18
26 05 36 00-2107 EA 24"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	247.38 -16.55	98.26
26 05 36 00-2108 EA 30"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	278.78 -18.33	114.51
26 05 36 00-2109 EA 30"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	276.44 -18.11	114.43
26 05 36 00-2110 EA 36"-12" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	303.48 -19.62	128.70
26 05 36 00-2111 EA 36"-18" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	303.48 -19.62	128.70
26 05 36 00-2112 EA 36"-24" Reducer, Vented Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	303.91 -19.65	128.96
26 05 36 00-2113 Dropout Or End Plate <small>(26 05 36 00-1961)</small>		
26 05 36 00-2114 EA 6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	67.09	31.72
26 05 36 00-2115 EA 9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	73.20	34.64
26 05 36 00-2116 EA 12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	78.81	37.22
26 05 36 00-2117 EA 18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	88.73	41.09
26 05 36 00-2118 EA 24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	100.85	45.82
26 05 36 00-2119 EA 30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	111.92	51.49
26 05 36 00-2120 EA 36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	128.12	58.98
26 05 36 00-2121 Covers And Dividers <small>(26 05 36 00-0001)</small>		
26 05 36 00-2122 Galvanized Steel Covers <small>(26 05 36 00-2121)</small>		
26 05 36 00-2123 Ventilated Straight Sections <small>(26 05 36 00-2122)</small>		
26 05 36 00-2124 LF 6" Steel Cable Tray Cover, Straight Section	6.41	1.54
26 05 36 00-2125 LF 9" Steel Cable Tray Cover, Straight Section	7.69	1.80
26 05 36 00-2126 LF 12" Steel Cable Tray Cover, Straight Section	9.01	2.06
26 05 36 00-2127 LF 18" Steel Cable Tray Cover, Straight Section	12.20	2.76
26 05 36 00-2128 LF 24" Steel Cable Tray Cover, Straight Section	15.56	3.70
26 05 36 00-2129 LF 30" Steel Cable Tray Cover, Straight Section	18.91	4.56
26 05 36 00-2130 LF 36" Steel Cable Tray Cover, Straight Section	99.05	51.67
26 05 36 00-2131 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2132 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	37.40	5.50
26 05 36 00-2133 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	41.94	6.44
26 05 36 00-2134 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	45.70	7.65
26 05 36 00-2135 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	61.92	9.80
26 05 36 00-2136 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	76.01	12.47
26 05 36 00-2137 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	91.39	13.84
26 05 36 00-2138 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover	110.33	16.51
26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2140 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	56.92	6.10
26 05 36 00-2141 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	59.86	7.14
26 05 36 00-2142 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	67.75	8.60
26 05 36 00-2143 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	84.13	10.91
26 05 36 00-2144 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	103.34	13.76
26 05 36 00-2145 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	132.03	15.81
26 05 36 00-2146 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	153.69	18.74
26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2148 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	79.79	6.87
26 05 36 00-2149 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	88.83	7.91

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2150	EA 12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	96.75	9.80
26 05 36 00-2151	EA 18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	122.29	11.43
26 05 36 00-2152	EA 24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	148.84	15.90
26 05 36 00-2153	EA 30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	175.09	17.97
26 05 36 00-2154	EA 36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	204.71	20.63
26 05 36 00-2155	45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2156	EA 6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	29.25	5.50
	For 60 Degree Bend, Deduct	-7.53	
	For 30 Degree Bend, Deduct	-12.86	
26 05 36 00-2157	EA 9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	34.74	6.44
	For 60 Degree Bend, Deduct	-8.99	
	For 30 Degree Bend, Deduct	-15.35	
26 05 36 00-2158	EA 12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	39.10	7.65
	For 60 Degree Bend, Deduct	-9.98	
	For 30 Degree Bend, Deduct	-17.06	
26 05 36 00-2159	EA 18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	47.41	9.37
	For 60 Degree Bend, Deduct	-12.06	
	For 30 Degree Bend, Deduct	-20.61	
26 05 36 00-2160	EA 24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	55.33	10.83
	For 60 Degree Bend, Deduct	-14.09	
	For 30 Degree Bend, Deduct	-24.09	
26 05 36 00-2161	EA 30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	64.63	12.47
	For 60 Degree Bend, Deduct	-16.53	
	For 30 Degree Bend, Deduct	-28.25	
26 05 36 00-2162	EA 36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	72.12	13.76
	For 60 Degree Bend, Deduct	-18.53	
	For 30 Degree Bend, Deduct	-31.64	
26 05 36 00-2163	45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2164	EA 6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	39.54	6.10
	For 60 Degree Bend, Deduct	-10.72	
	For 30 Degree Bend, Deduct	-18.20	
26 05 36 00-2165	EA 9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	44.87	7.14
	For 60 Degree Bend, Deduct	-12.08	
	For 30 Degree Bend, Deduct	-20.52	
26 05 36 00-2166	EA 12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	51.56	8.60
	For 60 Degree Bend, Deduct	-13.71	
	For 30 Degree Bend, Deduct	-23.33	
26 05 36 00-2167	EA 18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	59.82	10.31
	For 60 Degree Bend, Deduct	-15.78	
	For 30 Degree Bend, Deduct	-26.87	
26 05 36 00-2168	EA 24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	68.87	11.78
	For 60 Degree Bend, Deduct	-18.20	
	For 30 Degree Bend, Deduct	-30.99	
26 05 36 00-2169	EA 30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	85.37	13.76
	For 60 Degree Bend, Deduct	-22.89	
	For 30 Degree Bend, Deduct	-38.91	
26 05 36 00-2170	EA 36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	94.87	15.90
	For 60 Degree Bend, Deduct	-25.22	
	For 30 Degree Bend, Deduct	-42.91	
26 05 36 00-2171	45 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2172	EA 6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	54.02	6.87
	For 60 Degree Bend, Deduct	-15.20	
	For 30 Degree Bend, Deduct	-25.71	
26 05 36 00-2173	EA 9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	61.23	7.91
	For 60 Degree Bend, Deduct	-17.16	
	For 30 Degree Bend, Deduct	-29.04	
26 05 36 00-2174	EA 12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	69.11	9.80
	For 60 Degree Bend, Deduct	-19.05	
	For 30 Degree Bend, Deduct	-32.30	
26 05 36 00-2175	EA 18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	78.75	10.91
	For 60 Degree Bend, Deduct	-21.81	
	For 30 Degree Bend, Deduct	-36.96	
26 05 36 00-2176	EA 24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	96.00	13.33
	For 60 Degree Bend, Deduct	-26.57	
	For 30 Degree Bend, Deduct	-45.03	
26 05 36 00-2177	EA 30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	106.87	15.90
	For 60 Degree Bend, Deduct	-29.18	
	For 30 Degree Bend, Deduct	-49.51	
26 05 36 00-2178	EA 36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	125.86	17.20
	For 60 Degree Bend, Deduct	-34.94	
	For 30 Degree Bend, Deduct	-59.19	
26 05 36 00-2179	90 Degree, 12" Radius Vertical Risers (26 05 36 00-2122)		
26 05 36 00-2180	EA 6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	32.70	5.50
26 05 36 00-2181	EA 9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	34.74	6.44
26 05 36 00-2182	EA 12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	38.50	7.65
26 05 36 00-2183	EA 18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	45.03	9.37
26 05 36 00-2184	EA 24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	50.22	12.13
26 05 36 00-2185	EA 30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	56.00	13.84
26 05 36 00-2186	EA 36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover.....	70.08	16.51

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

26 05 36 00-2187	90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2122)</small>			
	EA 6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	38.93	6.10	
	EA 9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	43.67	7.14	
	EA 12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	47.36	8.60	
	EA 18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	60.99	10.31	
	EA 24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	71.37	13.33	
	EA 30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	82.24	15.90	
	EA 36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover.....	94.89	18.74	
26 05 36 00-2195	90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2122)</small>			
	EA 6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	45.00	6.87	
	EA 9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	55.84	7.91	
	EA 12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	64.35	9.80	
	EA 18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	78.75	10.91	
	EA 24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	92.60	15.21	
	EA 30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	110.30	17.97	
	EA 36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover.....	129.12	20.63	
26 05 36 00-2203	12" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	57.56	8.94	
	EA 9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	60.99	10.31	
	EA 12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	69.35	12.13	
	EA 18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	82.97	13.76	
	EA 24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	102.07	15.90	
	EA 30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	126.93	22.87	
	EA 36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	152.54	27.43	
26 05 36 00-2211	24" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	82.82	9.37	
	EA 9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	94.94	10.91	
	EA 12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	100.66	12.90	
	EA 18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	126.57	14.78	
	EA 24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	184.56	17.20	
	EA 30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	220.60	25.80	
	EA 36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	248.45	31.72	
26 05 36 00-2219	36" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	137.53	9.80	
	EA 9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	142.67	11.43	
	EA 12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	159.73	13.76	
	EA 18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	187.30	15.90	
	EA 24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	242.48	18.74	
	EA 30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	278.42	29.57	
	EA 36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	322.70	37.40	
26 05 36 00-2227	12" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	83.79	12.13	
	EA 9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	88.69	12.90	
	EA 12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	97.97	13.76	
	EA 18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	115.27	15.90	
	EA 24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	146.09	22.87	
	EA 30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	169.29	27.43	
	EA 36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	193.08	29.48	
26 05 36 00-2235	24" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	142.71	12.90	
	EA 9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	154.93	13.76	
	EA 12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	166.16	14.78	
	EA 18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	197.76	17.20	
	EA 24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	249.36	25.80	
	EA 30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	285.57	31.72	
	EA 36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	318.76	34.30	
26 05 36 00-2243	36" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>			
	EA 6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	225.73	13.76	
	EA 9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	234.56	14.78	
	EA 12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	247.29	15.90	
	EA 18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	285.67	18.74	
	EA 24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	373.18	29.48	
	EA 30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	410.57	37.57	
	EA 36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	440.74	41.27	
26 05 36 00-2251	Reducers <small>(26 05 36 00-2122)</small>			

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-2252	EA	9"-6" Reducer, Steel Cable Tray Covers.....	37.75	6.44
26 05 36 00-2253	EA	12"-6" Reducer, Steel Cable Tray Covers.....	40.93	7.65
26 05 36 00-2254	EA	12"-9" Reducer, Steel Cable Tray Covers.....	40.93	7.65
26 05 36 00-2255	EA	18"-6" Reducer, Steel Cable Tray Covers.....	45.63	9.37
26 05 36 00-2256	EA	18"-12" Reducer, Steel Cable Tray Covers.....	45.63	9.37
26 05 36 00-2257	EA	24"-12" Reducer, Steel Cable Tray Covers.....	55.60	10.31
26 05 36 00-2258	EA	24"-18" Reducer, Steel Cable Tray Covers.....	59.20	10.31
26 05 36 00-2259	EA	30"-12" Reducer, Steel Cable Tray Covers.....	58.06	11.78
26 05 36 00-2260	EA	30"-18" Reducer, Steel Cable Tray Covers.....	61.66	11.78
26 05 36 00-2261	EA	30"-24" Reducer, Steel Cable Tray Covers.....	64.05	11.78
26 05 36 00-2262	EA	36"-12" Reducer, Steel Cable Tray Covers.....	67.04	12.90
26 05 36 00-2263	EA	36"-18" Reducer, Steel Cable Tray Covers.....	68.24	12.90
26 05 36 00-2264	EA	36"-24" Reducer, Steel Cable Tray Covers.....	69.44	12.90
26 05 36 00-2265	EA	36"-30" Reducer, Steel Cable Tray Covers.....	70.04	12.90

26 05 36 00-2266 Aluminum Covers (26 05 36 00-2121)**26 05 36 00-2267 Ventilated Straight Sections** (26 05 36 00-2266)

26 05 36 00-2268	LF	6" Aluminum Cable Tray Cover, Straight Section	5.94	1.54
26 05 36 00-2269	LF	9" Aluminum Cable Tray Cover, Straight Section	7.03	1.80
26 05 36 00-2270	LF	12" Aluminum Cable Tray Cover, Straight Section	8.21	2.06
26 05 36 00-2271	LF	18" Aluminum Cable Tray Cover, Straight Section	10.93	2.76
26 05 36 00-2272	LF	24" Aluminum Cable Tray Cover, Straight Section	14.18	3.70
26 05 36 00-2273	LF	30" Aluminum Cable Tray Cover, Straight Section	16.37	4.56
26 05 36 00-2274	LF	36" Aluminum Cable Tray Cover, Straight Section	95.43	51.67

26 05 36 00-2275 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2266)

26 05 36 00-2276	EA	6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	34.16	5.50
26 05 36 00-2277	EA	9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	36.79	6.44
26 05 36 00-2278	EA	12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	40.92	7.65
26 05 36 00-2279	EA	18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	53.23	9.80
26 05 36 00-2280	EA	24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	67.49	12.47
26 05 36 00-2281	EA	30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	78.89	13.84
26 05 36 00-2282	EA	36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	95.91	16.51

26 05 36 00-2283 90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2266)

26 05 36 00-2284	EA	6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	44.32	6.10
26 05 36 00-2285	EA	9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	54.20	7.14
26 05 36 00-2286	EA	12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	61.03	8.60
26 05 36 00-2287	EA	18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	73.49	10.91
26 05 36 00-2288	EA	24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	91.32	13.76
26 05 36 00-2289	EA	30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	110.01	15.81
26 05 36 00-2290	EA	36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	134.40	18.74

26 05 36 00-2291 90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2266)

26 05 36 00-2292	EA	6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	70.01	6.87
26 05 36 00-2293	EA	9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	77.27	7.91
26 05 36 00-2294	EA	12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	89.07	9.80
26 05 36 00-2295	EA	18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	105.92	11.43
26 05 36 00-2296	EA	24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	131.72	15.90
26 05 36 00-2297	EA	30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	151.46	17.97
26 05 36 00-2298	EA	36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	176.50	20.63

26 05 36 00-2299 45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2266)

26 05 36 00-2300	EA	6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	27.66	5.50
		For 60 Degree Bend, Deduct	-7.01	
		For 30 Degree Bend, Deduct	-11.99	
26 05 36 00-2301	EA	9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	29.73	6.44
		For 60 Degree Bend, Deduct	-7.34	
		For 30 Degree Bend, Deduct	-12.59	
26 05 36 00-2302	EA	12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	33.97	7.65
		For 60 Degree Bend, Deduct	-8.29	
		For 30 Degree Bend, Deduct	-14.24	
26 05 36 00-2303	EA	18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	40.03	9.37
		For 60 Degree Bend, Deduct	-9.62	
		For 30 Degree Bend, Deduct	-16.55	
26 05 36 00-2304	EA	24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	45.26	10.83
		For 60 Degree Bend, Deduct	-10.77	
		For 30 Degree Bend, Deduct	-18.55	
26 05 36 00-2305	EA	30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	55.03	12.47
		For 60 Degree Bend, Deduct	-13.37	
		For 30 Degree Bend, Deduct	-22.97	
26 05 36 00-2306	EA	36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	64.17	13.76
		For 60 Degree Bend, Deduct	-15.90	
		For 30 Degree Bend, Deduct	-27.27	

26 05 36 00-2307 45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2266)

26 05 36 00-2308	EA	6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	31.57	6.10
		For 60 Degree Bend, Deduct	-8.09	
		For 30 Degree Bend, Deduct	-13.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2309 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	39.00 -10.14 -17.30	7.14
26 05 36 00-2310 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	42.58 -10.75 -18.39	8.60
26 05 36 00-2311 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	51.41 -13.00 -22.25	10.31
26 05 36 00-2312 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	62.01 -15.94 -27.22	11.78
26 05 36 00-2313 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	71.82 -18.42 -31.46	13.76
26 05 36 00-2314 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	82.91 -21.27 -36.33	15.90
26 05 36 00-2315 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2316 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	48.32 -13.32 -22.58	6.87
26 05 36 00-2317 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	53.40 -14.58 -24.74	7.91
26 05 36 00-2318 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	58.65 -15.60 -26.55	9.80
26 05 36 00-2319 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	69.17 -18.65 -31.69	10.91
26 05 36 00-2320 EA 24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	84.07 -22.63 -38.47	13.33
26 05 36 00-2321 EA 30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	97.02 -25.93 -44.09	15.90
26 05 36 00-2322 EA 36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	108.98 -29.37 -49.90	17.20
26 05 36 00-2323 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2324 EA 6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	30.45	5.50
26 05 36 00-2325 EA 9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	32.17	6.44
26 05 36 00-2326 EA 12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	36.03	7.65
26 05 36 00-2327 EA 18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	42.76	9.37
26 05 36 00-2328 EA 24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	48.44	12.13
26 05 36 00-2329 EA 30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	51.76	13.84
26 05 36 00-2330 EA 36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover	62.21	16.51
26 05 36 00-2331 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2332 EA 6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	34.55	6.10
26 05 36 00-2333 EA 9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	38.46	7.14
26 05 36 00-2334 EA 12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	43.12	8.60
26 05 36 00-2335 EA 18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	51.93	10.31
26 05 36 00-2336 EA 24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	60.16	13.33
26 05 36 00-2337 EA 30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	75.29	15.90
26 05 36 00-2338 EA 36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	84.48	18.74
26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2340 EA 6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	39.62	6.87
26 05 36 00-2341 EA 9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	47.97	7.91
26 05 36 00-2342 EA 12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	56.52	9.80
26 05 36 00-2343 EA 18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	67.00	10.91
26 05 36 00-2344 EA 24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	82.93	15.21
26 05 36 00-2345 EA 30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	102.62	17.97
26 05 36 00-2346 EA 36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	112.47	20.63
26 05 36 00-2347 12" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>		
26 05 36 00-2348 EA 6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	49.69	8.94
26 05 36 00-2349 EA 9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	54.10	10.31
26 05 36 00-2350 EA 12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	61.40	12.13
26 05 36 00-2351 EA 18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	71.82	13.76
26 05 36 00-2352 EA 24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	88.34	15.90
26 05 36 00-2353 EA 30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	110.85	22.87
26 05 36 00-2354 EA 36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover.....	133.66	27.43
26 05 36 00-2355 24" Radius Horizontal Tees <small>(26 05 36 00-2266)</small>		
26 05 36 00-2356 EA 6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover.....	72.06	9.37

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 36 00-2357	EA	9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	81.10	10.91
26 05 36 00-2358	EA	12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	92.01	12.90
26 05 36 00-2359	EA	18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	107.06	14.78
26 05 36 00-2360	EA	24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	159.90	17.20
26 05 36 00-2361	EA	30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	188.45	25.80
26 05 36 00-2362	EA	36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	214.58	31.72
26 05 36 00-2363		36" Radius Horizontal Tees (26 05 36 00-2266)		
26 05 36 00-2364	EA	6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	119.44	9.80
26 05 36 00-2365	EA	9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	124.35	11.43
26 05 36 00-2366	EA	12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	139.07	13.76
26 05 36 00-2367	EA	18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	157.84	15.90
26 05 36 00-2368	EA	24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	198.43	18.74
26 05 36 00-2369	EA	30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	237.00	29.57
26 05 36 00-2370	EA	36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	273.96	37.40
26 05 36 00-2371		12" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2372	EA	6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	73.38	12.13
26 05 36 00-2373	EA	9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	77.93	12.90
26 05 36 00-2374	EA	12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	85.93	13.76
26 05 36 00-2375	EA	18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	102.45	15.90
26 05 36 00-2376	EA	24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	126.01	22.87
26 05 36 00-2377	EA	30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	149.89	27.43
26 05 36 00-2378	EA	36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	169.57	29.48
26 05 36 00-2379		24" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2380	EA	6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	125.71	12.90
26 05 36 00-2381	EA	9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	134.73	13.76
26 05 36 00-2382	EA	12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	145.05	14.78
26 05 36 00-2383	EA	18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	168.58	17.20
26 05 36 00-2384	EA	24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	210.11	25.80
26 05 36 00-2385	EA	30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	248.15	31.72
26 05 36 00-2386	EA	36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	268.82	34.30
26 05 36 00-2387		36" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2388	EA	6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	190.08	13.76
26 05 36 00-2389	EA	9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	199.31	14.78
26 05 36 00-2390	EA	12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	214.27	15.90
26 05 36 00-2391	EA	18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	237.50	18.74
26 05 36 00-2392	EA	24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	304.26	29.48
26 05 36 00-2393	EA	30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	355.64	37.57
26 05 36 00-2394	EA	36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	388.94	41.27
26 05 36 00-2395		Reducers (26 05 36 00-2266)		
26 05 36 00-2396	EA	9"-6" Reducer, Aluminum Cable Tray Covers	37.34	6.44
26 05 36 00-2397	EA	12"-6" Reducer, Aluminum Cable Tray Covers	40.40	7.65
26 05 36 00-2398	EA	12"-9" Reducer, Aluminum Cable Tray Covers	40.40	7.65
26 05 36 00-2399	EA	18"-6" Reducer, Aluminum Cable Tray Covers	46.01	9.37
26 05 36 00-2400	EA	18"-12" Reducer, Aluminum Cable Tray Covers	46.01	9.37
26 05 36 00-2401	EA	24"-12" Reducer, Aluminum Cable Tray Covers	50.84	10.31
26 05 36 00-2402	EA	24"-18" Reducer, Aluminum Cable Tray Covers	55.15	10.31
26 05 36 00-2403	EA	30"-12" Reducer, Aluminum Cable Tray Covers	58.73	11.78
26 05 36 00-2404	EA	30"-18" Reducer, Aluminum Cable Tray Covers	60.35	11.78
26 05 36 00-2405	EA	30"-24" Reducer, Aluminum Cable Tray Covers	61.46	11.78
26 05 36 00-2406	EA	36"-12" Reducer, Aluminum Cable Tray Covers	64.86	12.90
26 05 36 00-2407	EA	36"-18" Reducer, Aluminum Cable Tray Covers	65.95	12.90
26 05 36 00-2408	EA	36"-24" Reducer, Aluminum Cable Tray Covers	66.49	12.90
26 05 36 00-2409	EA	36"-30" Reducer, Aluminum Cable Tray Covers	67.03	12.90
26 05 36 00-2410		Galvanized Steel Dividers (26 05 36 00-2121)		
26 05 36 00-2411		Straight Dividers (26 05 36 00-2410)		
26 05 36 00-2412	LF	3" Deep Galvanized Steel Divider Strip, Straight	6.74	2.06
26 05 36 00-2413	LF	4" Deep Galvanized Steel Divider Strip, Straight	7.87	2.23
26 05 36 00-2414	LF	6" Deep Galvanized Steel Divider Strip, Straight	9.64	2.58
26 05 36 00-2415		3" Deep Vertical Dividers (26 05 36 00-2410)		
26 05 36 00-2416	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	40.78	14.78
26 05 36 00-2417	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	45.78	15.30
26 05 36 00-2418	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	48.08	15.90
26 05 36 00-2419	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	54.51	16.51
26 05 36 00-2420	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	52.11	16.51
26 05 36 00-2421	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	56.22	17.20
26 05 36 00-2422	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	64.71	17.97
26 05 36 00-2423	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	78.69	18.74
26 05 36 00-2424	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	64.30	18.74
26 05 36 00-2425	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	71.15	19.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2426 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	79.37	20.63
26 05 36 00-2427 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	98.59	21.75
26 05 36 00-2428 4" Deep Vertical Dividers <small>(26 05 36 00-2410)</small>		
26 05 36 00-2429 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	46.08	15.30
26 05 36 00-2430 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	50.48	15.90
26 05 36 00-2431 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	54.51	16.51
26 05 36 00-2432 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	61.62	17.20
26 05 36 00-2433 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	61.62	17.20
26 05 36 00-2434 EA Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	71.31	17.97
26 05 36 00-2435 EA Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	78.09	18.74
26 05 36 00-2436 EA Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	95.14	19.68
26 05 36 00-2437 EA Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	68.31	17.97
26 05 36 00-2438 EA Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	75.09	18.74
26 05 36 00-2439 EA Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	87.94	19.68
26 05 36 00-2440 EA Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	109.37	20.63
26 05 36 00-2441 6" Deep Vertical Dividers <small>(26 05 36 00-2410)</small>		
26 05 36 00-2442 EA Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	51.12	17.20
26 05 36 00-2443 EA Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	55.11	17.97
26 05 36 00-2444 EA Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	60.10	18.74
26 05 36 00-2445 EA Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	68.75	19.68
26 05 36 00-2446 EA Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	62.91	17.97
26 05 36 00-2447 EA Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	72.70	18.74
26 05 36 00-2448 EA Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	80.14	19.68
26 05 36 00-2449 EA Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	96.77	20.63
26 05 36 00-2450 EA Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	69.70	18.74
26 05 36 00-2451 EA Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	80.14	19.68
26 05 36 00-2452 EA Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	96.77	20.63
26 05 36 00-2453 EA Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	116.59	21.75
26 05 36 00-2454 Horizontal Dividers <small>(26 05 36 00-2410)</small>		
26 05 36 00-2455 EA 3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	43.90	12.47
26 05 36 00-2456 EA 4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	48.75	13.76
26 05 36 00-2457 EA 6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	58.44	15.30
26 05 36 00-2458 Aluminum Dividers <small>(26 05 36 00-2121)</small>		
26 05 36 00-2459 Straight Dividers <small>(26 05 36 00-2458)</small>		
26 05 36 00-2460 LF 3" Deep Aluminum Divider Strip, Straight	6.25	1.97
26 05 36 00-2461 LF 4" Deep Aluminum Divider Strip, Straight	7.30	2.14
26 05 36 00-2462 LF 6" Deep Aluminum Divider Strip, Straight	8.87	2.41
26 05 36 00-2463 3" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>		
26 05 36 00-2464 EA Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	36.16	14.27
26 05 36 00-2465 EA Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	39.23	14.78
26 05 36 00-2466 EA Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	42.59	15.30
26 05 36 00-2467 EA Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	48.19	15.90
26 05 36 00-2468 EA Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	47.10	15.90
26 05 36 00-2469 EA Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	51.39	16.51
26 05 36 00-2470 EA Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	58.47	17.20
26 05 36 00-2471 EA Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	70.61	17.97
26 05 36 00-2472 EA Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	61.38	17.97
26 05 36 00-2473 EA Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	72.00	18.74
26 05 36 00-2474 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	85.39	19.68
26 05 36 00-2475 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	103.30	20.63
26 05 36 00-2476 4" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>		
26 05 36 00-2477 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	42.11	14.78
26 05 36 00-2478 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	45.79	15.30
26 05 36 00-2479 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	49.81	15.90
26 05 36 00-2480 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	55.18	16.51
26 05 36 00-2481 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	54.64	16.51
26 05 36 00-2482 EA Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	62.26	17.20
26 05 36 00-2483 EA Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	69.52	17.97
26 05 36 00-2484 EA Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	85.56	18.74
26 05 36 00-2485 EA Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	70.95	17.20
26 05 36 00-2486 EA Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	84.17	17.97
26 05 36 00-2487 EA Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	97.50	18.74
26 05 36 00-2488 EA Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	116.32	19.68
26 05 36 00-2489 6" Deep Vertical Dividers <small>(26 05 36 00-2458)</small>		
26 05 36 00-2490 EA Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	46.72	16.51
26 05 36 00-2491 EA Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	51.41	17.20
26 05 36 00-2492 EA Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	53.79	17.97
26 05 36 00-2493 EA Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	59.52	18.74
26 05 36 00-2494 EA Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	56.84	17.20

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2495	EA		Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	68.44	17.97
26 05 36 00-2496	EA		Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	73.63	18.74
26 05 36 00-2497	EA		Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	90.27	19.68
26 05 36 00-2498	EA		Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	72.78	17.97
26 05 36 00-2499	EA		Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	88.82	18.74
26 05 36 00-2500	EA		Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	100.58	19.68
26 05 36 00-2501	EA		Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	115.78	20.63
26 05 36 00-2502			Horizontal Dividers (26 05 36 00-2458)		
26 05 36 00-2503	EA		3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	39.43	11.78
26 05 36 00-2504	EA		4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	43.21	12.90
26 05 36 00-2505	EA		6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	52.49	14.27
26 05 36 00-2506			Wall Brackets (26 05 36 00-0001)		
26 05 36 00-2507			Wall Brackets (26 05 36 00-2506)		
26 05 36 00-2508	EA		6" Wide Tray Wall Bracket	46.69	17.20
26 05 36 00-2509	EA		9" Wide Tray Wall Bracket	48.50	17.97
26 05 36 00-2510	EA		12" Wide Tray Wall Bracket	52.47	18.74
26 05 36 00-2511	EA		18" Wide Tray Wall Bracket	55.47	19.68
26 05 36 00-2512	EA		24" Wide Tray Wall Bracket	59.68	20.63
26 05 36 00-2513	EA		30" Wide Tray Wall Bracket	68.72	21.75
26 05 36 00-2514	EA		36" Wide Tray Wall Bracket	79.99	23.21
26 05 36 00-2515			Fiberglass Cable Tray (26 05 36 00-0001)		
26 05 36 00-2516			Ladder Bottom Fiberglass Cable Tray (26 05 36 00-2515) Note: Excludes hangers and support system.		
26 05 36 00-2517			Straight Tray Sections (26 05 36 00-2516)		
26 05 36 00-2518	LF		6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	7.47	2.32
			For 9" Rung Spacing, Add	0.14	
			For 6" Rung Spacing, Add	0.60	
			For 4" Rung Spacing, Add	1.11	
			For 18" Rung Spacing, Deduct	-0.10	
			For Solid Bottom, Add	1.73	
			For Vented Trough Bottom, Add	2.04	
26 05 36 00-2519	LF		9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	8.46	2.84
			For 9" Rung Spacing, Add	0.15	
			For 6" Rung Spacing, Add	0.62	
			For 4" Rung Spacing, Add	1.14	
			For 18" Rung Spacing, Deduct	-0.10	
			For Solid Bottom, Add	1.89	
			For Vented Trough Bottom, Add	2.20	
26 05 36 00-2520	LF		12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing.....	9.44	3.44
			For 9" Rung Spacing, Add	0.15	
			For 6" Rung Spacing, Add	0.64	
			For 4" Rung Spacing, Add	1.18	
			For 18" Rung Spacing, Deduct	-0.11	
			For Solid Bottom, Add	2.06	
			For Vented Trough Bottom, Add	2.36	
26 05 36 00-2521	LF		18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing.....	11.47	4.56
			For 9" Rung Spacing, Add	0.16	
			For 6" Rung Spacing, Add	0.69	
			For 4" Rung Spacing, Add	1.27	
			For 18" Rung Spacing, Deduct	-0.12	
			For Solid Bottom, Add	2.41	
			For Vented Trough Bottom, Add	2.70	
26 05 36 00-2522	LF		24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing.....	13.51	5.76
			For 9" Rung Spacing, Add	0.17	
			For 6" Rung Spacing, Add	0.74	
			For 4" Rung Spacing, Add	1.35	
			For 18" Rung Spacing, Deduct	-0.12	
			For Solid Bottom, Add	2.76	
			For Vented Trough Bottom, Add	3.04	
26 05 36 00-2523	LF		30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing.....	14.78	6.27
			For 9" Rung Spacing, Add	0.19	
			For 6" Rung Spacing, Add	0.80	
			For 4" Rung Spacing, Add	1.46	
			For 18" Rung Spacing, Deduct	-0.13	
			For Solid Bottom, Add	3.02	
			For Vented Trough Bottom, Add	3.31	
26 05 36 00-2524	LF		36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing.....	16.07	6.87
			For 9" Rung Spacing, Add	0.20	
			For 6" Rung Spacing, Add	0.86	
			For 4" Rung Spacing, Add	1.58	
			For 18" Rung Spacing, Deduct	-0.14	
			For Solid Bottom, Add	3.27	
			For Vented Trough Bottom, Add	3.59	
26 05 36 00-2525			90 Degree Horizontal Elbows (26 05 36 00-2516)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA		6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	42.10	17.20
			For 9" Rung Spacing, Add	0.57	
			For 6" Rung Spacing, Add	2.45	
			For 4" Rung Spacing, Add	4.48	
			For 18" Rung Spacing, Deduct	-0.41	
			For Solid Bottom, Add	8.76	
			For Vented Trough Bottom, Add	9.75	
			For 60 Degree Bend, Deduct	-7.96	
			For 45 Degree Bend, Deduct	-11.04	
			For 30 Degree Bend, Deduct	-14.13	
26 05 36 00-2527	EA		9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	47.31	20.03
			For 9" Rung Spacing, Add	0.60	
			For 6" Rung Spacing, Add	2.58	
			For 4" Rung Spacing, Add	4.74	
			For 18" Rung Spacing, Deduct	-0.43	
			For Solid Bottom, Add	9.68	
			For Vented Trough Bottom, Add	10.65	
			For 60 Degree Bend, Deduct	-8.69	
			For 45 Degree Bend, Deduct	-12.09	
			For 30 Degree Bend, Deduct	-15.49	
26 05 36 00-2528	EA		12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	55.98	25.18
			For 9" Rung Spacing, Add	0.64	
			For 6" Rung Spacing, Add	2.72	
			For 4" Rung Spacing, Add	4.99	
			For 18" Rung Spacing, Deduct	-0.45	
			For Solid Bottom, Add	11.12	
			For Vented Trough Bottom, Add	11.99	
			For 60 Degree Bend, Deduct	-9.77	
			For 45 Degree Bend, Deduct	-13.66	
			For 30 Degree Bend, Deduct	-17.55	
26 05 36 00-2529	EA		18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	66.43	30.44
			For 9" Rung Spacing, Add	0.73	
			For 6" Rung Spacing, Add	3.13	
			For 4" Rung Spacing, Add	5.74	
			For 18" Rung Spacing, Deduct	-0.52	
			For Solid Bottom, Add	13.09	
			For Vented Trough Bottom, Add	14.04	
			For 60 Degree Bend, Deduct	-11.44	
			For 45 Degree Bend, Deduct	-16.01	
			For 30 Degree Bend, Deduct	-20.59	
26 05 36 00-2530	EA		24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	75.38	34.99
			For 9" Rung Spacing, Add	0.80	
			For 6" Rung Spacing, Add	3.44	
			For 4" Rung Spacing, Add	6.31	
			For 18" Rung Spacing, Deduct	-0.57	
			For Solid Bottom, Add	14.75	
			For Vented Trough Bottom, Add	15.73	
			For 60 Degree Bend, Deduct	-12.81	
			For 45 Degree Bend, Deduct	-17.96	
			For 30 Degree Bend, Deduct	-23.11	
26 05 36 00-2531	EA		30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	82.24	37.31
			For 9" Rung Spacing, Add	0.92	
			For 6" Rung Spacing, Add	3.95	
			For 4" Rung Spacing, Add	7.25	
			For 18" Rung Spacing, Deduct	-0.66	
			For Solid Bottom, Add	16.29	
			For Vented Trough Bottom, Add	17.53	
			For 60 Degree Bend, Deduct	-14.29	
			For 45 Degree Bend, Deduct	-19.98	
			For 30 Degree Bend, Deduct	-25.67	
26 05 36 00-2532	EA		36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	90.46	40.15
			For 9" Rung Spacing, Add	1.06	
			For 6" Rung Spacing, Add	4.54	
			For 4" Rung Spacing, Add	8.33	
			For 18" Rung Spacing, Deduct	-0.76	
			For Solid Bottom, Add	18.11	
			For Vented Trough Bottom, Add	19.63	
			For 60 Degree Bend, Deduct	-16.01	
			For 45 Degree Bend, Deduct	-22.35	
			For 30 Degree Bend, Deduct	-28.69	
26 05 36 00-2533			Inside Or Outside Vertical Risers <small>(26 05 36 00-2516)</small>		
26 05 36 00-2534	EA		6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	59.11	17.20
			For 9" Rung Spacing, Add	1.17	
			For 6" Rung Spacing, Add	5.00	
			For 4" Rung Spacing, Add	9.16	
			For 18" Rung Spacing, Deduct	-0.83	
			For Solid Bottom, Add	13.86	
			For Vented Trough Bottom, Add	16.55	
			For 60 Degree Bend, Deduct	-13.57	
			For 45 Degree Bend, Deduct	-18.53	
			For 30 Degree Bend, Deduct	-23.48	

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 05 36 00-2535	EA	9" Vertical Inside Or Outside Riser 90, Fiberglass	63.87	20.03
		<i>For 9" Rung Spacing, Add</i>	1.18	
		<i>For 6" Rung Spacing, Add</i>	5.07	
		<i>For 4" Rung Spacing, Add</i>	9.29	
		<i>For 18" Rung Spacing, Deduct</i>	-0.84	
		<i>For Solid Bottom, Add</i>	14.65	
		<i>For Vented Trough Bottom, Add</i>	17.28	
		<i>For 60 Degree Bend, Deduct</i>	-14.16	
		<i>For 45 Degree Bend, Deduct</i>	-19.38	
		<i>For 30 Degree Bend, Deduct</i>	-24.60	
26 05 36 00-2536	EA	12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	72.08	25.18
		<i>For 9" Rung Spacing, Add</i>	1.20	
		<i>For 6" Rung Spacing, Add</i>	5.14	
		<i>For 4" Rung Spacing, Add</i>	9.42	
		<i>For 18" Rung Spacing, Deduct</i>	-0.86	
		<i>For Solid Bottom, Add</i>	15.95	
		<i>For Vented Trough Bottom, Add</i>	18.43	
		<i>For 60 Degree Bend, Deduct</i>	-15.09	
		<i>For 45 Degree Bend, Deduct</i>	-20.74	
		<i>For 30 Degree Bend, Deduct</i>	-26.40	
26 05 36 00-2537	EA	18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	80.86	30.44
		<i>For 9" Rung Spacing, Add</i>	1.24	
		<i>For 6" Rung Spacing, Add</i>	5.29	
		<i>For 4" Rung Spacing, Add</i>	9.70	
		<i>For 18" Rung Spacing, Deduct</i>	-0.88	
		<i>For Solid Bottom, Add</i>	17.42	
		<i>For Vented Trough Bottom, Add</i>	19.81	
		<i>For 60 Degree Bend, Deduct</i>	-16.20	
		<i>For 45 Degree Bend, Deduct</i>	-22.36	
		<i>For 30 Degree Bend, Deduct</i>	-28.52	
26 05 36 00-2538	EA	24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	88.66	34.99
		<i>For 9" Rung Spacing, Add</i>	1.27	
		<i>For 6" Rung Spacing, Add</i>	5.43	
		<i>For 4" Rung Spacing, Add</i>	9.96	
		<i>For 18" Rung Spacing, Deduct</i>	-0.91	
		<i>For Solid Bottom, Add</i>	18.73	
		<i>For Vented Trough Bottom, Add</i>	21.04	
		<i>For 60 Degree Bend, Deduct</i>	-17.20	
		<i>For 45 Degree Bend, Deduct</i>	-23.80	
		<i>For 30 Degree Bend, Deduct</i>	-30.41	
26 05 36 00-2539	EA	30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	93.04	37.31
		<i>For 9" Rung Spacing, Add</i>	1.30	
		<i>For 6" Rung Spacing, Add</i>	5.57	
		<i>For 4" Rung Spacing, Add</i>	10.22	
		<i>For 18" Rung Spacing, Deduct</i>	-0.93	
		<i>For Solid Bottom, Add</i>	19.53	
		<i>For Vented Trough Bottom, Add</i>	21.85	
		<i>For 60 Degree Bend, Deduct</i>	-17.85	
		<i>For 45 Degree Bend, Deduct</i>	-24.73	
		<i>For 30 Degree Bend, Deduct</i>	-31.61	
26 05 36 00-2540	EA	36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	101.23	40.15
		<i>For 9" Rung Spacing, Add</i>	1.44	
		<i>For 6" Rung Spacing, Add</i>	6.16	
		<i>For 4" Rung Spacing, Add</i>	11.29	
		<i>For 18" Rung Spacing, Deduct</i>	-1.03	
		<i>For Solid Bottom, Add</i>	21.34	
		<i>For Vented Trough Bottom, Add</i>	23.94	
		<i>For 60 Degree Bend, Deduct</i>	-19.56	
		<i>For 45 Degree Bend, Deduct</i>	-27.09	
		<i>For 30 Degree Bend, Deduct</i>	-34.61	
26 05 36 00-2541	Horizontal Tees <small>(26 05 36 00-2516)</small>			
26 05 36 00-2542	EA	6" Horizontal Tee, Fiberglass Cable Tray	93.23	42.98
		<i>For 9" Rung Spacing, Add</i>	1.01	
		<i>For 6" Rung Spacing, Add</i>	4.31	
		<i>For 4" Rung Spacing, Add</i>	7.91	
		<i>For 18" Rung Spacing, Deduct</i>	-0.72	
		<i>For Solid Bottom, Add</i>	18.30	
		<i>For Vented Trough Bottom, Add</i>	19.56	
26 05 36 00-2543	EA	9" Horizontal Tee, Fiberglass Cable Tray	105.54	50.47
		<i>For 9" Rung Spacing, Add</i>	1.05	
		<i>For 6" Rung Spacing, Add</i>	4.48	
		<i>For 4" Rung Spacing, Add</i>	8.22	
		<i>For 18" Rung Spacing, Deduct</i>	-0.75	
		<i>For Solid Bottom, Add</i>	20.31	
		<i>For Vented Trough Bottom, Add</i>	21.41	
26 05 36 00-2544	EA	12" Horizontal Tee, Fiberglass Cable Tray	121.30	60.18
		<i>For 9" Rung Spacing, Add</i>	1.09	
		<i>For 6" Rung Spacing, Add</i>	4.65	
		<i>For 4" Rung Spacing, Add</i>	8.53	
		<i>For 18" Rung Spacing, Deduct</i>	-0.78	
		<i>For Solid Bottom, Add</i>	22.85	
		<i>For Vented Trough Bottom, Add</i>	23.70	
26 05 36 00-2545	EA	18" Horizontal Tee, Fiberglass Cable Tray	135.59	67.66
		<i>For 9" Rung Spacing, Add</i>	1.20	
		<i>For 6" Rung Spacing, Add</i>	5.12	
		<i>For 4" Rung Spacing, Add</i>	9.39	
		<i>For 18" Rung Spacing, Deduct</i>	-0.85	
		<i>For Solid Bottom, Add</i>	25.46	
		<i>For Vented Trough Bottom, Add</i>	26.34	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2546	EA			24" Horizontal Tee, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	142.39 1.28 5.50 10.08 -0.92 26.85 27.87	70.49
26 05 36 00-2547	EA			30" Horizontal Tee, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	152.24 1.42 6.07 11.13 -1.01 28.91 30.16	74.53
26 05 36 00-2548	EA			36" Horizontal Tee, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	165.08 1.57 6.71 12.30 -1.12 31.47 32.93	80.29
26 05 36 00-2549 Horizontal Crosses <small>(26 05 36 00-2516)</small>						
26 05 36 00-2550	EA			6" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	148.61 1.29 5.53 10.13 -0.92 27.82 28.71	74.53
26 05 36 00-2551	EA			9" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	158.29 1.33 5.69 10.43 -0.95 29.43 30.22	80.29
26 05 36 00-2552	EA			12" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	167.99 1.37 5.85 10.73 -0.98 31.05 31.73	86.06
26 05 36 00-2553	EA			18" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	179.69 1.47 6.32 11.59 -1.05 33.27 34.05	91.73
26 05 36 00-2554	EA			24" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	190.68 1.56 6.68 12.25 -1.11 35.28 36.08	97.49
26 05 36 00-2555	EA			30" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	203.21 1.70 7.27 13.33 -1.21 37.75 38.73	103.25
26 05 36 00-2556	EA			36" Horizontal Cross, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	219.48 1.87 8.03 14.73 -1.34 40.95 42.16	110.64
26 05 36 00-2557 Horizontal Wyes <small>(26 05 36 00-2516)</small>						
26 05 36 00-2558	EA			6" Horizontal Wye, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	90.33 0.90 3.88 7.11 -0.65 17.43 18.40	42.98
26 05 36 00-2559	EA			9" Horizontal Wye, Fiberglass Cable Tray For 9" Rung Spacing, Add For 6" Rung Spacing, Add For 4" Rung Spacing, Add For 18" Rung Spacing, Deduct For Solid Bottom, Add For Vented Trough Bottom, Add	95.67 0.94 4.03 7.39 -0.67 18.38 19.35	45.91

26 Electrical**26 05 Common Work Results For Electrical****26 05 36 Cable Trays For Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2560	EA 12" Horizontal Wye, Fiberglass Cable Tray	118.19	60.18
	For 9" Rung Spacing, Add	0.98	
	For 6" Rung Spacing, Add	4.19	
	For 4" Rung Spacing, Add	7.68	
	For 18" Rung Spacing, Deduct	-0.70	
	For Solid Bottom, Add	21.92	
	For Vented Trough Bottom, Add	22.45	
26 05 36 00-2561	EA 18" Horizontal Wye, Fiberglass Cable Tray	132.17	67.66
	For 9" Rung Spacing, Add	1.08	
	For 6" Rung Spacing, Add	4.61	
	For 4" Rung Spacing, Add	8.45	
	For 18" Rung Spacing, Deduct	-0.77	
	For Solid Bottom, Add	24.43	
	For Vented Trough Bottom, Add	24.97	
26 05 36 00-2562	EA 24" Horizontal Wye, Fiberglass Cable Tray	138.65	70.49
	For 9" Rung Spacing, Add	1.15	
	For 6" Rung Spacing, Add	4.94	
	For 4" Rung Spacing, Add	9.05	
	For 18" Rung Spacing, Deduct	-0.82	
	For Solid Bottom, Add	25.73	
	For Vented Trough Bottom, Add	26.38	
26 05 36 00-2563	EA 30" Horizontal Wye, Fiberglass Cable Tray	148.19	74.53
	For 9" Rung Spacing, Add	1.28	
	For 6" Rung Spacing, Add	5.46	
	For 4" Rung Spacing, Add	10.02	
	For 18" Rung Spacing, Deduct	-0.91	
	For Solid Bottom, Add	27.69	
	For Vented Trough Bottom, Add	28.54	
26 05 36 00-2564	EA 36" Horizontal Wye, Fiberglass Cable Tray	160.61	80.29
	For 9" Rung Spacing, Add	1.41	
	For 6" Rung Spacing, Add	6.04	
	For 4" Rung Spacing, Add	11.07	
	For 18" Rung Spacing, Deduct	-1.01	
	For Solid Bottom, Add	30.13	
	For Vented Trough Bottom, Add	31.15	
26 05 36 00-2565	Straight Reducers (26 05 36 00-2516)		
26 05 36 00-2566	EA 9"-6" Reducer, Fiberglass Cable Tray.....	40.43	17.20
	For 9" Rung Spacing, Add	0.51	
	For 6" Rung Spacing, Add	2.20	
	For 4" Rung Spacing, Add	4.03	
	For 18" Rung Spacing, Deduct	-0.37	
	For Solid Bottom, Add	8.26	
	For Vented Trough Bottom, Add	9.08	
26 05 36 00-2567	EA 12"-9" Reducer, Fiberglass Cable Tray.....	44.93	20.03
	For 9" Rung Spacing, Add	0.52	
	For 6" Rung Spacing, Add	2.23	
	For 4" Rung Spacing, Add	4.08	
	For 18" Rung Spacing, Deduct	-0.37	
	For Solid Bottom, Add	8.97	
	For Vented Trough Bottom, Add	9.70	
26 05 36 00-2568	EA 18"-12" Reducer, Fiberglass Cable Tray.....	49.43	22.95
	For 9" Rung Spacing, Add	0.53	
	For 6" Rung Spacing, Add	2.26	
	For 4" Rung Spacing, Add	4.14	
	For 18" Rung Spacing, Deduct	-0.38	
	For Solid Bottom, Add	9.67	
	For Vented Trough Bottom, Add	10.32	
26 05 36 00-2569	EA 24"-18" Reducer, Fiberglass Cable Tray.....	53.39	25.18
	For 9" Rung Spacing, Add	0.54	
	For 6" Rung Spacing, Add	2.34	
	For 4" Rung Spacing, Add	4.28	
	For 18" Rung Spacing, Deduct	-0.39	
	For Solid Bottom, Add	10.34	
	For Vented Trough Bottom, Add	10.96	
26 05 36 00-2570	EA 30"-24" Reducer, Fiberglass Cable Tray.....	59.43	27.51
	For 9" Rung Spacing, Add	0.64	
	For 6" Rung Spacing, Add	2.72	
	For 4" Rung Spacing, Add	4.99	
	For 18" Rung Spacing, Deduct	-0.45	
	For Solid Bottom, Add	11.64	
	For Vented Trough Bottom, Add	12.42	
26 05 36 00-2571	EA 36"-30" Reducer, Fiberglass Cable Tray.....	66.67	30.44
	For 9" Rung Spacing, Add	0.74	
	For 6" Rung Spacing, Add	3.17	
	For 4" Rung Spacing, Add	5.80	
	For 18" Rung Spacing, Deduct	-0.53	
	For Solid Bottom, Add	13.17	
	For Vented Trough Bottom, Add	14.14	
26 05 36 00-2572	Vertical Tees (26 05 36 00-2516)		
26 05 36 00-2573	EA 6" Vertical Tee, Fiberglass Cable Tray.....	119.39	42.98
	For 9" Rung Spacing, Add	1.92	
	For 6" Rung Spacing, Add	8.24	
	For 4" Rung Spacing, Add	15.10	
	For 18" Rung Spacing, Deduct	-1.37	
	For Solid Bottom, Add	26.15	
	For Vented Trough Bottom, Add	30.02	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2574	EA			9" Vertical Tee, Fiberglass Cable Tray 124.36		45.91
				For 9" Rung Spacing, Add	1.95	
				For 6" Rung Spacing, Add	8.34	
				For 4" Rung Spacing, Add	15.29	
				For 18" Rung Spacing, Deduct	-1.39	
				For Solid Bottom, Add	26.99	
				For Vented Trough Bottom, Add	30.83	
26 05 36 00-2575	EA			12" Vertical Tee, Fiberglass Cable Tray 146.52		60.18
				For 9" Rung Spacing, Add	1.97	
				For 6" Rung Spacing, Add	8.44	
				For 4" Rung Spacing, Add	15.47	
				For 18" Rung Spacing, Deduct	-1.41	
				For Solid Bottom, Add	30.42	
				For Vented Trough Bottom, Add	33.79	
26 05 36 00-2576	EA			18" Vertical Tee, Fiberglass Cable Tray 159.26		67.66
				For 9" Rung Spacing, Add	2.02	
				For 6" Rung Spacing, Add	8.67	
				For 4" Rung Spacing, Add	15.90	
				For 18" Rung Spacing, Deduct	-1.45	
				For Solid Bottom, Add	32.56	
				For Vented Trough Bottom, Add	35.81	
26 05 36 00-2577	EA			24" Vertical Tee, Fiberglass Cable Tray 165.02		70.49
				For 9" Rung Spacing, Add	2.07	
				For 6" Rung Spacing, Add	8.89	
				For 4" Rung Spacing, Add	16.30	
				For 18" Rung Spacing, Deduct	-1.48	
				For Solid Bottom, Add	33.64	
				For Vented Trough Bottom, Add	36.93	
26 05 36 00-2578	EA			30" Vertical Tee, Fiberglass Cable Tray 172.38		74.53
				For 9" Rung Spacing, Add	2.12	
				For 6" Rung Spacing, Add	9.09	
				For 4" Rung Spacing, Add	16.67	
				For 18" Rung Spacing, Deduct	-1.52	
				For Solid Bottom, Add	34.95	
				For Vented Trough Bottom, Add	38.22	
26 05 36 00-2579	EA			36" Vertical Tee, Fiberglass Cable Tray 187.33		80.29
				For 9" Rung Spacing, Add	2.34	
				For 6" Rung Spacing, Add	10.05	
				For 4" Rung Spacing, Add	18.42	
				For 18" Rung Spacing, Deduct	-1.67	
				For Solid Bottom, Add	38.15	
				For Vented Trough Bottom, Add	41.83	

26 05 39 Underfloor Raceways for Electrical Systems (26 05)

26 05 39 00-0001				Underfloor Ducts <small>(26 05 39)</small>		
26 05 39 00-0002				Straight Duct Sections 10' Long, 14 Gauge Steel <small>(26 05 39 00-0001)</small>		
26 05 39 00-0003				Standard Ducts, 3.8 Square Inches <small>(26 05 39 00-0002)</small>		
26 05 39 00-0004	EA			Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches.....	72.22	15.13
26 05 39 00-0005	EA			Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches.....	90.81	17.71
26 05 39 00-0006				Large Capacity Ducts, 8.9 Square Inches <small>(26 05 39 00-0002)</small>		
26 05 39 00-0007	EA			Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches	119.81	19.17
26 05 39 00-0008	EA			Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches.....	137.17	21.24
26 05 39 00-0009				Junction Boxes <small>(26 05 39 00-0001)</small>		
26 05 39 00-0010				One Level Junction Boxes <small>(26 05 39 00-0009)</small>		
26 05 39 00-0011	EA			1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	182.71	30.08
26 05 39 00-0012	EA			1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box.....	206.69	32.24
26 05 39 00-0013	EA			1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box	330.63	30.08
				Note: Isolate each duct and form a continuous raceway through the box in both directions.		
26 05 39 00-0014	EA			1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box	225.99	32.24
26 05 39 00-0015	EA			1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box	357.94	42.38
26 05 39 00-0016	EA			1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct.....	501.07	46.08
26 05 39 00-0017				Two Level Junction Boxes <small>(26 05 39 00-0009)</small>		
26 05 39 00-0018	EA			2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level	760.03	30.44
				Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.		
26 05 39 00-0019	EA			2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	874.25	32.24
26 05 39 00-0020				Elbow Fittings <small>(26 05 39 00-0001)</small>		
26 05 39 00-0021				90 Degree Horizontal Elbow <small>(26 05 39 00-0020)</small>		
26 05 39 00-0022	EA			Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree.....	88.93	11.09
26 05 39 00-0023	EA			Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree	91.58	11.09
26 05 39 00-0024				90 Degree Vertical Elbow <small>(26 05 39 00-0020)</small>		
26 05 39 00-0025	EA			Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree.....	50.34	11.09

26 Electrical**26 05 Common Work Results For Electrical****26 05 39 Underfloor Raceways for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0026	EA		Underfloor Large Duct Vertical Elbow Fitting, 90 Degree.....	51.40	11.09
26 05 39 00-0027			Offset Elbow <small>(26 05 39 00-0020)</small> Note: Two elbows required for crossover or crossunder.		
26 05 39 00-0028	EA		Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	50.34	12.90
26 05 39 00-0029	EA		Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	51.40	12.90
26 05 39 00-0030			Couplings <small>(26 05 39 00-0001)</small>		
26 05 39 00-0031			Sleeve Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0032	EA		Underfloor Standard Duct Sleeve Coupling	32.97	17.20
26 05 39 00-0033	EA		Underfloor Large Duct Sleeve Coupling.....	51.48	17.20
26 05 39 00-0034			Expansion Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0035	EA		Underfloor Standard Duct Expansion Coupling	72.41	17.20
26 05 39 00-0036	EA		Underfloor Large Duct Expansion Coupling.....	73.73	18.14
26 05 39 00-0037			Reducing Couplings <small>(26 05 39 00-0030)</small>		
26 05 39 00-0038	EA		Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	68.34	2.58
26 05 39 00-0039			Duct Supports <small>(26 05 39 00-0001)</small>		
26 05 39 00-0040			Combination Support And Coupling <small>(26 05 39 00-0039)</small> Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0041	EA		1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	75.71	36.11
26 05 39 00-0042	EA		2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	84.50	36.11
26 05 39 00-0043	EA		3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	93.35	36.11
26 05 39 00-0044	EA		1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	84.50	40.41
26 05 39 00-0045	EA		2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	102.41	40.41
26 05 39 00-0046	EA		1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	93.35	42.98
26 05 39 00-0047	EA		2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	93.35	42.98
26 05 39 00-0048	EA		1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet.....	102.41	42.98
26 05 39 00-0049			Duct Support Only <small>(26 05 39 00-0039)</small> Note: Includes leveling legs and anchoring feet.		
26 05 39 00-0050	EA		1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	68.08	31.81
26 05 39 00-0051	EA		2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	80.06	31.81
26 05 39 00-0052	EA		3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	92.90	31.81
26 05 39 00-0053			Underfloor Duct Accessories <small>(26 05 39 00-0001)</small>		
26 05 39 00-0054			Plugs For Unused Junction Box Openings And Duct Ends <small>(26 05 39 00-0053)</small>		
26 05 39 00-0055	EA		Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	6.60	2.58
26 05 39 00-0056	EA		Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends.....	7.05	2.58
26 05 39 00-0057			Conduit Adapters <small>(26 05 39 00-0053)</small>		
26 05 39 00-0058	EA		One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	26.46	4.30
26 05 39 00-0059	EA		Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	28.14	4.30
26 05 39 00-0060	EA		One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter.....	27.34	4.30
26 05 39 00-0061	EA		Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	28.25	4.30
26 05 39 00-0062			Holder And Caps <small>(26 05 39 00-0053)</small>		
26 05 39 00-0063	EA		Tile Holder, Underfloor Duct Accessories	172.62	36.11
26 05 39 00-0064	EA		Terrazzo Holder, Underfloor Duct Accessories.....	325.48	36.11
26 05 39 00-0065	EA		Closing Caps For Inserts, Underfloor Duct Accessories	2.26	0.86
26 05 39 00-0066			Underfloor Dust Pans <small>(26 05 39 00-0001)</small>		
26 05 39 00-0067	EA		Underfloor Dust Carpet Pan.....	73.61	4.71

26 05 43 Underground Ducts And Raceways For Electrical Systems (26 05)

Note: Underground utilities and conduits include warning tape.

26 05 43 00-0001 Precast Concrete Trenches, One Piece Pedestrian Trench (26 05 43)

Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0002 10" Wide Pedestrian Trench (26 05 43 00-0001)

26 05 43 00-0003	LF		Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	46.19	
26 05 43 00-0004	LF		Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	44.50	
26 05 43 00-0005	LF		Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	64.14	
26 05 43 00-0006	LF		Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	61.79	
26 05 43 00-0007	EA		End Wall, 10" Wide x 15" Deep Pedestrian Trench	33.65	
26 05 43 00-0008	EA		End Wall, 10" Wide x 24" Deep Pedestrian Trench	41.37	
26 05 43 00-0009	LF		Lid, Concrete, 10" Wide Pedestrian Trench.....	30.80	

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

26 05 43 00-0010		20" Wide Pedestrian Trench <small>(26 05 43 00-0001)</small>	
26 05 43 00-0011	LF	Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	59.44
26 05 43 00-0012	LF	Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	56.44
26 05 43 00-0013	LF	Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	81.42
26 05 43 00-0014	LF	Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	78.69
26 05 43 00-0015	EA	End Wall, 20" Wide x 15" Deep Pedestrian Trench	43.10
26 05 43 00-0016	EA	End Wall, 20" Wide x 24" Deep Pedestrian Trench	62.64
26 05 43 00-0017	LF	Lid, Concrete, 20" Wide Pedestrian Trench	38.50

26 05 43 00-0018		30" Wide Pedestrian Trench <small>(26 05 43 00-0001)</small>	
26 05 43 00-0019	LF	Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	78.21
26 05 43 00-0020	LF	Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	89.19
26 05 43 00-0021	LF	Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	97.34
26 05 43 00-0022	LF	Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	94.23
26 05 43 00-0023	EA	End Wall, 30" Wide x 15" Deep Pedestrian Trench	62.53
26 05 43 00-0024	EA	End Wall, 30" Wide x 24" Deep Pedestrian Trench	82.68
26 05 43 00-0025	LF	Lid, Concrete, 30" Wide Pedestrian Trench	47.78

26 05 43 00-0026		40" Wide Pedestrian Trench <small>(26 05 43 00-0001)</small>	
26 05 43 00-0027	LF	Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	94.96
26 05 43 00-0028	LF	Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	92.14
26 05 43 00-0029	LF	Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	116.11
26 05 43 00-0030	LF	Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	112.65
26 05 43 00-0031	EA	End Wall, 40" Wide x 15" Deep Pedestrian Trench	80.04
26 05 43 00-0032	EA	End Wall, 40" Wide x 24" Deep Pedestrian Trench	105.77
26 05 43 00-0033	LF	Lid, Concrete, 40" Wide Pedestrian Trench	56.96

26 05 43 00-0034 **Precast Concrete Trenches, One Piece Medium Vehicle Trench** (26 05 43)
Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0035		10" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>	
26 05 43 00-0036	LF	Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	54.51
26 05 43 00-0037	LF	Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	52.31
26 05 43 00-0038	LF	Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	75.68
26 05 43 00-0039	LF	Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	72.64
26 05 43 00-0040	EA	End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	38.27
26 05 43 00-0041	EA	End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	46.21
26 05 43 00-0042	LF	Lid, Concrete 10" Wide Medium Vehicle Trench	36.34
26 05 43 00-0043	LF	Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	143.38

26 05 43 00-0044		20" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>	
26 05 43 00-0045	LF	Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	69.59
26 05 43 00-0046	LF	Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	65.73
26 05 43 00-0047	LF	Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	94.80
26 05 43 00-0048	LF	Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	91.27
26 05 43 00-0049	EA	End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	48.45
26 05 43 00-0050	EA	End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	70.51
26 05 43 00-0051	LF	Lid, Concrete 20" Wide Medium Vehicle Trench	45.43
26 05 43 00-0052	LF	Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	189.87

26 05 43 00-0053		30" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>	
26 05 43 00-0054	LF	Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	75.13
26 05 43 00-0055	LF	Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	87.05
26 05 43 00-0056	LF	Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	112.57
26 05 43 00-0057	LF	Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	108.55
26 05 43 00-0058	EA	End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	69.91
26 05 43 00-0059	EA	End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	93.60
26 05 43 00-0060	LF	Lid, Concrete 30" Wide Medium Vehicle Trench	56.55
26 05 43 00-0061	LF	Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	236.81

26 05 43 00-0062		40" Wide Medium Vehicle Trench <small>(26 05 43 00-0034)</small>	
26 05 43 00-0063	LF	Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	108.81
26 05 43 00-0064	LF	Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	105.16
26 05 43 00-0065	LF	Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	133.09
26 05 43 00-0066	LF	Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	128.61
26 05 43 00-0067	EA	End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	89.49
26 05 43 00-0068	EA	End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	119.71
26 05 43 00-0069	LF	Lid, Concrete 40" Wide Medium Vehicle Trench	67.11
26 05 43 00-0070	LF	Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	321.34

26 05 43 00-0071 **Precast Concrete Trenches, One Piece H20 Road Crossing Trench** (26 05 43)
Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.

26 05 43 00-0072		10" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>	
26 05 43 00-0073	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	109.33
26 05 43 00-0074	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	104.41
26 05 43 00-0075	LF	Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	137.60

26 Electrical**26 05 Common Work Results For Electrical****26 05 43 Underground Ducts And Raceways For Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 43 00-0076	LF	Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench.....	131.39
26 05 43 00-0077	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	105.27
26 05 43 00-0078	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	100.58
26 05 43 00-0079	LF	Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	133.54
26 05 43 00-0080	LF	Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	127.58
26 05 43 00-0081	EA	End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench.....	74.81
26 05 43 00-0082	EA	End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench.....	101.51
26 05 43 00-0083	EA	End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench.....	68.37
26 05 43 00-0084	EA	End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench.....	94.93
26 05 43 00-0085	LF	Lid, Concrete 10" Wide Road Crossing Trench.....	51.98
26 05 43 00-0086	LF	Lid, Galvanized Steel 10" Wide Road Crossing Trench.....	155.28

26 05 43 00-0087 20" Wide H2O Road Crossing Trench (26 05 43 00-0071)

26 05 43 00-0088	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	118.32
26 05 43 00-0089	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	113.27
26 05 43 00-0090	LF	Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	157.74
26 05 43 00-0091	LF	Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	150.98
26 05 43 00-0092	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	118.32
26 05 43 00-0093	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	113.27
26 05 43 00-0094	LF	Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	153.68
26 05 43 00-0095	LF	Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	147.17
26 05 43 00-0096	EA	End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench.....	106.55
26 05 43 00-0097	EA	End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench.....	145.83
26 05 43 00-0098	EA	End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench.....	97.17
26 05 43 00-0099	EA	End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench.....	136.45
26 05 43 00-0100	LF	Lid, Concrete 20" Wide Road Crossing Trench.....	58.62
26 05 43 00-0101	LF	Lid, Galvanized Steel 20" Wide Road Crossing Trench.....	229.49

26 05 43 00-0102 30" Wide H2O Road Crossing Trench (26 05 43 00-0071)

26 05 43 00-0103	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench.....	143.00
26 05 43 00-0104	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench.....	137.22
26 05 43 00-0105	LF	Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench.....	176.52
26 05 43 00-0106	LF	Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench.....	169.34
26 05 43 00-0107	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	138.94
26 05 43 00-0108	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	133.40
26 05 43 00-0109	LF	Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	172.46
26 05 43 00-0110	LF	Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	165.39
26 05 43 00-0111	EA	End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench.....	143.83
26 05 43 00-0112	EA	End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench.....	188.80
26 05 43 00-0113	EA	End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench.....	131.51
26 05 43 00-0114	EA	End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench.....	176.48
26 05 43 00-0115	LF	Lid, Concrete 30" Wide Road Crossing Trench.....	73.80
26 05 43 00-0116	LF	Lid, Galvanized Steel 30" Wide Road Crossing Trench.....	287.53

26 05 43 00-0117 40" Wide H2O Road Crossing Trench (26 05 43 00-0071)

26 05 43 00-0118	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench.....	160.58
26 05 43 00-0119	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench.....	154.37
26 05 43 00-0120	LF	Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench.....	197.45
26 05 43 00-0121	LF	Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench.....	189.65
26 05 43 00-0122	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	156.52
26 05 43 00-0123	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	150.56
26 05 43 00-0124	LF	Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	193.39
26 05 43 00-0125	LF	Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	185.83
26 05 43 00-0126	EA	End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench.....	179.09
26 05 43 00-0127	EA	End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench.....	234.93
26 05 43 00-0128	EA	End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench.....	163.97
26 05 43 00-0129	EA	End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench.....	219.81
26 05 43 00-0130	LF	Lid, Concrete 40" Wide Road Crossing Trench.....	89.44
26 05 43 00-0131	LF	Lid, Galvanized Steel 40" Wide Road Crossing Trench.....	390.36

26 05 43 00-0132 Duct Bank (26 05 43)

Note: Installation of single or multiple configuration underground utility raceways to have 3" concrete leveling base and encased in concrete envelope. Based on 100' run, minimum 30" bury depth. Labor units include material handling, unloading at job site, layout of job, measuring, cutting and fabrication, installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations.

26 05 43 00-0133 Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank (26 05 43 00-0132)

Note: Includes appropriate spacers and fittings.

26 05 43 00-0134	LF	2 At 2", Rigid Galvanized Conduit Duct Bank.....	18.55
26 05 43 00-0135	LF	4 At 2", Rigid Galvanized Conduit Duct Bank.....	37.11
26 05 43 00-0136	LF	2 At 3", Rigid Galvanized Conduit Duct Bank.....	37.56
26 05 43 00-0137	LF	4 At 3", Rigid Galvanized Conduit Duct Bank.....	75.30
26 05 43 00-0138	LF	2 At 4", Rigid Galvanized Conduit Duct Bank.....	55.13
26 05 43 00-0139	LF	4 At 4", Rigid Galvanized Conduit Duct Bank.....	111.07
26 05 43 00-0140	LF	6 At 4", Rigid Galvanized Conduit Duct Bank.....	167.44
26 05 43 00-0141	LF	2 At 5", Rigid Galvanized Conduit Duct Bank.....	99.21
26 05 43 00-0142	LF	4 At 5", Rigid Galvanized Conduit Duct Bank.....	197.62
26 05 43 00-0143	LF	6 At 5", Rigid Galvanized Conduit Duct Bank.....	306.11

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

26 05 43 00-0144	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	141.42	
26 05 43 00-0145	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	283.81	
26 05 43 00-0146	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	420.95	

26 05 43 00-0147 Polyvinyl Chloride (PVC), Type EB Duct Bank System (26 05 43 00-0132)
Note: Includes appropriate spacers and fittings.

26 05 43 00-0148	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	5.31	
26 05 43 00-0149	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	11.72	
26 05 43 00-0150	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	22.45	
26 05 43 00-0151	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	7.02	
26 05 43 00-0152	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	14.01	
26 05 43 00-0153	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	28.48	
26 05 43 00-0154	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	9.29	
26 05 43 00-0155	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	18.59	
26 05 43 00-0156	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	37.20	
26 05 43 00-0157	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	55.79	
26 05 43 00-0158	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	11.60	
26 05 43 00-0159	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	23.18	
26 05 43 00-0160	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	44.77	
26 05 43 00-0161	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	63.21	
26 05 43 00-0162	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	20.93	
26 05 43 00-0163	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	31.26	
26 05 43 00-0164	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	62.67	
26 05 43 00-0165	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	101.90	

26 05 43 00-0166 Polyvinyl Chloride (PVC), Type DB Duct Bank System (26 05 43 00-0132)
Note: Includes appropriate spacers and fittings.

26 05 43 00-0167	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	5.89	
26 05 43 00-0168	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	12.94	
26 05 43 00-0169	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	24.71	
26 05 43 00-0170	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	7.25	
26 05 43 00-0171	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	14.49	
26 05 43 00-0172	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	28.90	
26 05 43 00-0173	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.46	
26 05 43 00-0174	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	18.93	
26 05 43 00-0175	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	37.88	
26 05 43 00-0176	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	56.80	
26 05 43 00-0177	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	11.85	
26 05 43 00-0178	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	23.69	
26 05 43 00-0179	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	45.79	
26 05 43 00-0180	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	64.74	
26 05 43 00-0181	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	21.28	
26 05 43 00-0182	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	31.99	
26 05 43 00-0183	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	64.14	
26 05 43 00-0184	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	104.10	

26 05 43 00-0185 Male Or Female Adapters (26 05 43 00-0132)

26 05 43 00-0186	EA	2" Adapter	28.90	
26 05 43 00-0187	EA	3" Adapter	40.66	
26 05 43 00-0188	EA	4" Adapter	52.19	
26 05 43 00-0189	EA	5" Adapter	76.83	
26 05 43 00-0190	EA	6" Adapter	95.72	

26 05 46 Utility Poles for Electrical Systems (26 05)

26 05 46 00-0001 Wood Poles (26 05 46)

26 05 46 00-0002 Wood Pole, Class 3, Penta-Treated To 8 LB Retention (26 05 46 00-0001)
Note: Machine dig and set.

26 05 46 00-0003	EA	25' Treated Wood Pole, Class 3, Machine Dig And Set.....	694.76	220.45
		<i>For Class 1 Pole, Add</i>	<i>88.83</i>	
		<i>For Class 2 Pole, Add</i>	<i>50.76</i>	
		<i>For Class 4 Pole, Deduct</i>	<i>-25.38</i>	
		<i>For Class 5 Pole, Deduct</i>	<i>-76.14</i>	
		<i>For Class 6 Pole, Deduct</i>	<i>-101.52</i>	
26 05 46 00-0004	EA	30' Treated Wood Pole, Class 3, Machine Dig And Set.....	833.77	244.58
		<i>For Class 1 Pole, Add</i>	<i>120.60</i>	
		<i>For Class 2 Pole, Add</i>	<i>68.91</i>	
		<i>For Class 4 Pole, Deduct</i>	<i>-34.46</i>	
		<i>For Class 5 Pole, Deduct</i>	<i>-103.37</i>	
		<i>For Class 6 Pole, Deduct</i>	<i>-137.83</i>	
26 05 46 00-0005	EA	35' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,080.17	323.48
		<i>For Class 1 Pole, Add</i>	<i>151.65</i>	
		<i>For Class 2 Pole, Add</i>	<i>86.66</i>	
		<i>For Class 4 Pole, Deduct</i>	<i>-43.33</i>	
		<i>For Class 5 Pole, Deduct</i>	<i>-129.99</i>	
		<i>For Class 6 Pole, Deduct</i>	<i>-173.32</i>	
26 05 46 00-0006	EA	40' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,237.71	355.79
		<i>For Class 1 Pole, Add</i>	<i>184.15</i>	
		<i>For Class 2 Pole, Add</i>	<i>105.23</i>	
		<i>For Class 4 Pole, Deduct</i>	<i>-52.61</i>	
		<i>For Class 5 Pole, Deduct</i>	<i>-157.84</i>	
		<i>For Class 6 Pole, Deduct</i>	<i>-210.46</i>	

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0007	EA	45'	Treated Wood Pole, Class 3, Machine Dig And Set.....	1,415.75	396.28
			For Class 1 Pole, Add	218.09	
			For Class 2 Pole, Add	124.62	
			For Class 4 Pole, Deduct	-62.31	
			For Class 5 Pole, Deduct	-186.94	
			For Class 6 Pole, Deduct	-249.25	
26 05 46 00-0008	EA	50'	Treated Wood Pole, Class 3, Machine Dig And Set.....	1,611.63	444.75
			For Class 1 Pole, Add	252.76	
			For Class 2 Pole, Add	144.43	
			For Class 4 Pole, Deduct	-72.22	
			For Class 5 Pole, Deduct	-216.65	
			For Class 6 Pole, Deduct	-288.86	
26 05 46 00-0009	EA	55'	Treated Wood Pole, Class 3, Machine Dig And Set.....	1,803.73	489.17
			For Class 1 Pole, Add	288.86	
			For Class 2 Pole, Add	165.06	
			For Class 4 Pole, Deduct	-82.53	
			For Class 5 Pole, Deduct	-247.60	
			For Class 6 Pole, Deduct	-330.13	
26 05 46 00-0010	EA	60'	Treated Wood Pole, Class 3, Machine Dig And Set.....	2,016.78	537.92
			For Class 1 Pole, Add	329.30	
			For Class 2 Pole, Add	188.17	
			For Class 4 Pole, Deduct	-94.09	
			For Class 5 Pole, Deduct	-282.26	
			For Class 6 Pole, Deduct	-376.35	
26 05 46 00-0011	EA	65'	Treated Wood Pole, Class 3, Machine Dig And Set.....	3,340.54	586.30
			For Class 1 Pole, Add	758.77	
			For Class 2 Pole, Add	433.58	
			For Class 4 Pole, Deduct	-216.79	
			For Class 5 Pole, Deduct	-650.38	
			For Class 6 Pole, Deduct	-867.17	
26 05 46 00-0012	EA	70'	Treated Wood Pole, Class 3, Machine Dig And Set.....	3,671.04	623.68
			For Class 1 Pole, Add	848.28	
			For Class 2 Pole, Add	484.73	
			For Class 4 Pole, Deduct	-242.37	
			For Class 5 Pole, Deduct	-727.10	
			For Class 6 Pole, Deduct	-969.46	
26 05 46 00-0013	EA	75'	Treated Wood Pole, Class 3, Machine Dig And Set.....	4,037.84	666.14
			For Class 1 Pole, Add	946.94	
			For Class 2 Pole, Add	541.11	
			For Class 4 Pole, Deduct	-270.55	
			For Class 5 Pole, Deduct	-811.66	
			For Class 6 Pole, Deduct	-1,082.22	
26 05 46 00-0014			Removal And Relocation Of Wood Poles With Cross Arm (26 05 46 00-0001)		
26 05 46 00-0015	LF		Remove And Relocate Wood Pole With Cross Arms, Up To 75'	18.79	
26 05 46 00-0016			Crossarms (26 05 46) Note: Includes hardware and braces.		
26 05 46 00-0017			Wood Single Arm Crossarms (26 05 46 00-0016)		
26 05 46 00-0018	EA		3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces.....	152.89	65.75
26 05 46 00-0019	EA		3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	185.64	65.75
26 05 46 00-0020	EA		3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	195.34	84.54
26 05 46 00-0021			Wood Double Arm Crossarms (26 05 46 00-0016)		
26 05 46 00-0022	EA		3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces.....	396.59	183.16
26 05 46 00-0023	EA		3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	421.49	183.16
26 05 46 00-0024	EA		3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	439.59	183.16
26 05 46 00-0025			Fiberglass Crossarms (26 05 46 00-0016) Note: Includes hardware.		
26 05 46 00-0026			Single Phase, 15 Degree Angle (26 05 46 00-0025)		
26 05 46 00-0027	EA		Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB.....	156.21	
26 05 46 00-0028	EA		Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB	201.05	39.45
26 05 46 00-0029	EA		Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB	210.45	42.27
26 05 46 00-0030			Two Phase, 15 Degree Angle (26 05 46 00-0025)		
26 05 46 00-0031	EA		Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	252.11	50.72
26 05 46 00-0032			Fiberglass Crossarm Accessories (26 05 46 00-0025)		
26 05 46 00-0033	EA		Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	395.01	64.81
26 05 46 00-0034	EA		Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	469.97	78.90
26 05 46 00-0035	EA		Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded.....	68.69	11.27
26 05 46 00-0036	EA		Three Phase Equipment Mounting Bracket	343.49	56.36
26 05 46 00-0037	EA		Fiberglass Bull Horn Crossarm	281.23	93.93
26 05 46 00-0038			Insulator Support System (26 05 46 00-0016)		
26 05 46 00-0039			Epoxy Construction Units, In Place Mounting (26 05 46 00-0038) Note: Includes hardware.		

MINOR	CSI	UOM	DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0040	EA		1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting.....	84.59		
26 05 46 00-0041	EA		1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting.....	66.87		
26 05 46 00-0042	EA		Deadend Arms, In Place Mounting.....	174.72		
26 05 46 00-0043	EA		1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting.....	131.23		
26 05 46 00-0044			Epoxy Construction Units, Grounding Mounting <small>(26 05 46 00-0038)</small>			
			Note: Includes hardware.			
26 05 46 00-0045	EA		1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting.....	57.41		
26 05 46 00-0046	EA		1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting.....	48.76		
26 05 46 00-0047	EA		Deadend Arms, Grounding Mounting.....	156.61		
26 05 46 00-0048			Guying <small>(26 05 46)</small>			
			Note: Includes cable, anchor and rod assembly, guy marker.			
26 05 46 00-0049			Down Guy <small>(26 05 46 00-0048)</small>			
26 05 46 00-0050	EA		Down Guy For 25' To 40' Pole.....	623.94	262.99	
26 05 46 00-0051	EA		Down Guy For 45' To 60' Pole.....	633.38	262.99	
26 05 46 00-0052	EA		Down Guy For 65' To 75' Pole.....	652.79	262.99	
26 05 46 00-0053	EA		Guy Guard, Plastic.....	22.21		
26 05 46 00-0054			Head Guy, 50' Spans <small>(26 05 46 00-0048)</small>			
26 05 46 00-0055	EA		Head Guy (50' Span), For 25' To 40' Pole.....	912.01	403.89	
26 05 46 00-0056	EA		Head Guy (50' Span), For 45' To 60' Pole.....	912.01	403.89	
26 05 46 00-0057	EA		Head Guy (50' Span), For 65' To 75' Pole.....	912.01	403.89	
26 05 46 00-0058			Guy Strain Insulators Additional Insulators <small>(26 05 46 00-0048)</small>			
			Note: As required at same material cost and labor.			
26 05 46 00-0059	EA		Guy Strain Insulator.....	397.30	197.25	
26 05 46 00-0060			Pole Anchor <small>(26 05 46 00-0048)</small>			
			Note: Joslyn.			
26 05 46 00-0061	EA		Pole Anchor, 4" Helix, 3/4" x 54" Shaft.....	59.26		
26 05 46 00-0062	EA		Pole Anchor, 6" Helix, 3/4" x 66" Shaft.....	63.94		
26 05 46 00-0063	EA		Pole Anchor, 8" Helix, 1" x 66" Shaft.....	74.94		
26 05 46 00-0064	EA		Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft.....	94.24		
26 05 46 00-0065	EA		Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft.....	124.04		
26 05 46 00-0066	EA		Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft.....	166.39		
26 05 46 00-0067			Insulators <small>(26 05 46)</small>			
26 05 46 00-0068			Pin Insulator With Pin <small>(26 05 46 00-0067)</small>			
26 05 46 00-0069	EA		5 KV Class 55-3, Pin Insulator With Pin.....	126.39	56.36	
26 05 46 00-0070	EA		15 KV Class 55-5, Pin Insulator With Pin.....	130.22	56.36	
26 05 46 00-0071			Suspension Insulator <small>(26 05 46 00-0067)</small>			
			Note: Includes clevis and strain clamp.			
26 05 46 00-0072	EA		5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp.....	160.77	75.14	
26 05 46 00-0073	EA		15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	171.19	75.14	
26 05 46 00-0074	EA		25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	240.72	93.93	
26 05 46 00-0075	EA		50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	382.06	150.29	
26 05 46 00-0076			Spool Insulator With Clevis <small>(26 05 46 00-0067)</small>			
26 05 46 00-0077	EA		5 KV Class 53-5, Spool Insulator With Clevis.....	53.53	23.48	
26 05 46 00-0078	EA		15 KV Class, Spool Insulator With Clevis.....	171.81	84.54	
26 05 46 00-0079	EA		25 KV Class, Spool Insulator With Clevis.....	222.76	84.54	
26 05 46 00-0080			Secondary Rack <small>(26 05 46 00-0067)</small>			
26 05 46 00-0081	EA		1 Spool Secondary Rack.....	106.31	46.96	
26 05 46 00-0082	EA		2 Spool Secondary Rack.....	109.67	59.93	
26 05 46 00-0083	EA		3 Spool Secondary Rack.....	164.20	79.84	
26 05 46 00-0084	EA		4 Spool Secondary Rack.....	184.47	79.84	
26 05 46 00-0085			Outdoor Load Break Switches <small>(26 05 46)</small>			
			Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.			
26 05 46 00-0086			7.2 KV Outdoor Load Break Switches <small>(26 05 46 00-0085)</small>			
26 05 46 00-0087	EA		600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	2,729.32	319.35	
26 05 46 00-0088	EA		1,200 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	5,251.58	319.35	
26 05 46 00-0089	EA		1,600 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	7,812.71	540.08	
26 05 46 00-0090	EA		2,000 Amp, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	8,006.92	540.08	
26 05 46 00-0091			14.4 KV Outdoor Load Break Switches <small>(26 05 46 00-0085)</small>			
26 05 46 00-0092	EA		600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator.....	3,307.87	319.35	

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 46 00-0093	EA	1,200 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,180.08		319.35
26 05 46 00-0094	EA	1,600 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	7,812.71		540.08
26 05 46 00-0095	EA	2,000 Amp, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,006.92		540.08
26 05 46 00-0096		23 KV Outdoor Load Break Switches (26 05 46 00-0095)			
26 05 46 00-0097	EA	600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	3,655.39		371.01
26 05 46 00-0098	EA	1,200 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,768.97		371.01
26 05 46 00-0099	EA	1,600 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,194.90		638.71
26 05 46 00-0100	EA	2,000 Amp, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	8,395.49		638.71
26 05 46 00-0101		Square Distribution Poles (26 05 46)			
26 05 46 00-0102		Square Steel Tapered Shaft Distribution Poles (26 05 46 00-0101)			
26 05 46 00-0103	EA	20', Steel Taped Shaft Distribution Pole.....	2,113.45		399.19
26 05 46 00-0104	EA	25', Steel Taped Shaft Distribution Pole.....	2,364.50		422.67
26 05 46 00-0105	EA	30', Steel Taped Shaft Distribution Pole.....	2,569.50		469.64
26 05 46 00-0106	EA	35', Steel Taped Shaft Distribution Pole.....	2,841.88		516.60
26 05 46 00-0107	EA	40', Steel Taped Shaft Distribution Pole.....	3,801.52		563.57
26 05 46 00-0108		Square Prestressed Concrete Distribution Poles (26 05 46 00-0101)			
26 05 46 00-0109	EA	30', Prestressed Concrete Square Pole For Distribution.....	2,633.46		714.55
26 05 46 00-0110	EA	35', Prestressed Concrete Square Pole For Distribution.....	2,931.09		783.70
26 05 46 00-0111	EA	40', Prestressed Concrete Square Pole For Distribution.....	3,405.95		875.90
26 05 46 00-0112	EA	45', Prestressed Concrete Square Pole For Distribution.....	3,828.49		968.10
26 05 46 00-0113	EA	50', Prestressed Concrete Square Pole For Distribution.....	4,595.01		1,175.55
26 05 46 00-0114	EA	55', Prestressed Concrete Square Pole For Distribution.....	5,389.50		1,383.00
26 05 46 00-0115	EA	60', Prestressed Concrete Square Pole For Distribution.....	6,316.64		1,567.40
26 05 46 00-0116	EA	65', Prestressed Concrete Square Pole For Distribution.....	7,651.85		1,936.20
26 05 46 00-0117	EA	70', Prestressed Concrete Square Pole For Distribution.....	8,545.61		2,120.59
26 05 46 00-0118		Aluminum Tapered Poles (26 05 46)			
26 05 46 00-0119		Aluminum Tapered Round Seamless Shaft Poles (26 05 46 00-0118)			
26 05 46 00-0120	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	2,242.28		352.22
26 05 46 00-0121	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,123.53		375.71
26 05 46 00-0122	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,591.36		422.67
26 05 46 00-0123	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	4,257.17		469.64
26 05 46 00-0124	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	6,425.94		516.60
26 05 46 00-0125		Steel Service Poles Distribution (26 05 46)			
Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.					
26 05 46 00-0126		Round Tapered Pole (26 05 46 00-0125)			
26 05 46 00-0127	EA	40', Galvanized Steel Tapered Round Pole For Distribution.....	3,146.40		563.57
26 05 46 00-0128	EA	45', Galvanized Steel Tapered Round Pole For Distribution.....	3,647.63		610.53
26 05 46 00-0129	EA	50', Galvanized Steel Tapered Round Pole For Distribution.....	3,887.72		657.49
26 05 46 00-0130	EA	55', Galvanized Steel Tapered Round Pole For Distribution.....	4,574.17		751.41
26 05 46 00-0131	EA	60', Galvanized Steel Tapered Round Pole For Distribution.....	5,641.22		845.34
26 05 46 00-0132	EA	65', Galvanized Steel Tapered Round Pole For Distribution.....	6,697.49		1,083.35
26 05 46 00-0133	EA	70', Galvanized Steel Tapered Round Pole For Distribution.....	7,460.54		1,229.02
26 05 46 00-0134	EA	75', Galvanized Steel Tapered Round Pole For Distribution.....	8,249.50		1,383.00
26 05 46 00-0135	EA	80', Galvanized Steel Tapered Round Pole For Distribution.....	9,263.08		1,567.40
26 05 46 00-0136	EA	85', Galvanized Steel Tapered Round Pole For Distribution.....	9,896.58		1,659.60
26 05 46 00-0137	EA	90', Galvanized Steel Tapered Round Pole For Distribution.....	10,748.84		1,844.00
26 05 46 00-0138	EA	95', Galvanized Steel Tapered Round Pole For Distribution.....	11,828.26		2,074.50
26 05 46 00-0139	EA	100', Galvanized Steel Tapered Round Pole For Distribution.....	13,071.98		2,351.09
26 05 46 00-0140		12 Sided Tapered (26 05 46 00-0125)			
26 05 46 00-0141	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	5,310.88		563.57
26 05 46 00-0142	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	5,859.01		610.53
26 05 46 00-0143	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	6,485.21		657.49
26 05 46 00-0144	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	7,130.66		751.41
26 05 46 00-0145	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	9,449.66		845.34
26 05 46 00-0146	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	10,529.34		1,083.35
26 05 46 00-0147	EA	70', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	12,193.29		1,229.02
26 05 46 00-0148	EA	75', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	13,131.43		1,383.00
26 05 46 00-0149	EA	80', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	14,138.88		1,567.40
26 05 46 00-0150	EA	85', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	14,980.37		1,659.60
26 05 46 00-0151	EA	90', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	16,999.70		1,844.00
26 05 46 00-0152	EA	95', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	18,061.60		2,074.50
26 05 46 00-0153	EA	100', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	19,346.24		2,351.09
26 05 46 00-0154	EA	105', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	20,717.39		2,627.70
26 05 46 00-0155		Standard Options For Round, 12 Sided and Octagonal Tapered Poles (26 05 46 00-0125)			
26 05 46 00-0156	EA	Ladder Clips.....	12.30		
26 05 46 00-0157	EA	Coal Tar Epoxy Coating From Base To 1' Above Ground Line.....	92.32		
26 05 46 00-0158	EA	Ground Sleeve-2' At Ground Line.....	92.85		

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

26 05 46 00-0159 Arms With Baseplates And Endplates (26 05 46 00-0125)				
26 05 46 00-0160	EA	4' Arm With Baseplate And Endplate	462.42	93.93
26 05 46 00-0161	EA	5' Arm With Baseplate And Endplate	499.64	93.93
26 05 46 00-0162	EA	6' Arm With Baseplate And Endplate	631.52	140.89
26 05 46 00-0163	EA	7' Arm With Baseplate And Endplate	664.09	140.89
26 05 46 00-0164	EA	8' Arm With Baseplate And Endplate	794.53	187.86
26 05 46 00-0165	EA	9' Arm With Baseplate And Endplate	831.74	187.86
26 05 46 00-0166	EA	10' Arm With Baseplate And Endplate	1,097.88	234.81
26 05 46 00-0167	EA	11' Arm With Baseplate And Endplate	1,139.64	234.81
26 05 46 00-0168 Standard Vangs Load Bearing At Any Angle (26 05 46 00-0125)				
26 05 46 00-0169	EA	15,000 LB Standard Vangs Load Bearing At Any Angle	218.56	93.93
26 05 46 00-0170	EA	30,000 LB Standard Vangs Load Bearing At Any Angle	241.37	93.93
26 05 46 00-0171	EA	45,000 LB Standard Vangs Load Bearing At Any Angle	272.56	93.93
26 05 46 00-0172 Armless Construction Brackets (26 05 46 00-0125)				
26 05 46 00-0173 Verticals Insulator And Equipment Bracket (26 05 46 00-0172)				
26 05 46 00-0174	EA	7" 1 Position Vertical Insulation And Equipment Bracket	222.28	93.93
26 05 46 00-0175	EA	12" 1 Position Vertical Insulation And Equipment Bracket	236.68	93.93
26 05 46 00-0176	EA	12" 3 Position Vertical Insulation And Equipment Bracket	260.08	93.93
26 05 46 00-0177	EA	18" 1 Position Vertical Insulation And Equipment Bracket	369.43	140.89
26 05 46 00-0178	EA	18" 3 Position Vertical Insulation And Equipment Bracket	383.09	140.89
26 05 46 00-0179 Horizontal And Multiple Insulator Brackets (26 05 46 00-0172)				
26 05 46 00-0180	EA	Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets	211.07	93.93
26 05 46 00-0181	EA	Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets	241.33	93.93
26 05 46 00-0182	EA	Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets	354.77	140.89
26 05 46 00-0183	EA	Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets	426.19	140.89
26 05 46 00-0184	EA	Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets	549.75	187.86
26 05 46 00-0185	EA	Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets	587.66	187.86
26 05 46 00-0186 Pole Top Bracket And Pins (26 05 46 00-0172)				
26 05 46 00-0187	EA	Pole Top Pin - 5"	215.46	93.93
26 05 46 00-0188	EA	Pole Top Bracket - 5"	222.81	93.93
26 05 46 00-0189 Angle Pins (26 05 46 00-0172)				
26 05 46 00-0190	EA	Angle Pin - 25 Degree, 6"	214.47	93.93
26 05 46 00-0191	EA	Angle Pin - 25 Degree, 7 1/4"	238.33	93.93
26 05 46 00-0192 Static And Neutral Wire Brackets (26 05 46 00-0172)				
26 05 46 00-0193	EA	Neutral Wire Bracket	196.37	93.93
26 05 46 00-0194	EA	Static Wire Bracket	228.47	93.93
26 05 46 00-0195 Cutout, Arrestor And Terminator Brackets (26 05 46 00-0172)				
26 05 46 00-0196	EA	Cutout And Arrestor, With Mounting Bracket	206.17	93.93
26 05 46 00-0197	EA	Equipment Mounting T Bracket	218.16	93.93
26 05 46 00-0198	EA	15 KV Cutout	273.02	
26 05 46 00-0199	EA	9/10 KV Arrestor	256.16	93.93
26 05 46 00-0200 Spacer Cable, Conduit Support And Cluster Bracket (26 05 46 00-0172)				
26 05 46 00-0201	EA	Spacer Cable	231.01	93.93
26 05 46 00-0202	EA	Conduit Support	202.96	93.93
26 05 46 00-0203	EA	Cluster Bracket For Mounting Transformer On Pole, 3 Diameter	297.82	93.93
26 05 46 00-0204 15 KV 200 Amp Solenoid Operated High Voltage Switch (26 05 46 00-0172)				
Note: Includes pole mounting bracket.				
26 05 46 00-0205	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket	1,212.47	234.81
26 05 46 00-0206 Octagonal Tapered (26 05 46 00-0125)				
26 05 46 00-0207	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution	5,471.76	563.57
26 05 46 00-0208	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution	6,037.44	610.53
26 05 46 00-0209	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution	6,684.11	657.49
26 05 46 00-0210	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution	7,347.11	798.38
26 05 46 00-0211	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution	9,748.01	845.34
26 05 46 00-0212	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution	10,851.10	1,083.35
26 05 46 00-0213	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution	12,567.70	1,152.49
26 05 46 00-0214	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution	13,530.70	1,383.00
26 05 46 00-0215	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution	14,561.54	1,475.19
26 05 46 00-0216	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution	15,427.91	1,659.60
26 05 46 00-0217	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution	17,510.13	1,751.80

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 46 00-0218	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution		18,598.36	2,074.50
26 05 46 00-0219	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution		19,909.32	2,212.80
26 05 46 00-0220	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution		21,309.71	2,489.40
26 05 46 00-0221		Removal And Relocation Of Steel Service Poles (26 05 46 00-0125)			
26 05 46 00-0222	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'			32.87
26 05 46 00-0223		Special Steel Bases For Poles (26 05 46 00-0125)			
26 05 46 00-0224	EA	Spin-In Steel Base For Poles.....		169.53	
26 05 46 00-0225	EA	Series 3, 25' Pole And less		185.47	46.96
26 05 46 00-0226	EA	Series 4, 40' Pole And less		219.91	54.00
26 05 46 00-0227	EA	Series 5, 50' Pole And less		249.64	58.70
26 05 46 00-0228		Primary Fuse Cutouts (26 05 46)			
		Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.			
26 05 46 00-0229		Non-Loadbreak Current Limiting Primary Fuse Cutouts (26 05 46 00-0228)			
		Note: Includes the fuse and cut-out switch.			
26 05 46 00-0230		8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting (26 05 46 00-0229)			
26 05 46 00-0231	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting		452.07	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0232	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting		546.00	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		140.89	
26 05 46 00-0233	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting		639.61	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		168.98	
26 05 46 00-0234	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting		647.05	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		169.07	
26 05 46 00-0235	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting		647.05	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		169.07	
26 05 46 00-0236		17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting (26 05 46 00-0229)			
26 05 46 00-0237	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting		452.07	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0238		17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting (26 05 46 00-0229)			
26 05 46 00-0239	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting		461.70	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0240		Fuseholders (26 05 46 00-0229)			
		Note: Including current limiting fuse.			
26 05 46 00-0241	EA	15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		411.48	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0242	EA	25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		505.41	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		140.89	
26 05 46 00-0243	EA	40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		599.02	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		168.98	
26 05 46 00-0244	EA	100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		414.81	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0245	EA	200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		508.74	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		140.89	
26 05 46 00-0246	EA	15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....		411.48	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0247		Accessories (26 05 46 00-0229)			
26 05 46 00-0248	EA	Hot Line Clamp		56.90	21.13
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		14.09	
26 05 46 00-0249	EA	Stirrup		59.95	21.13
26 05 46 00-0250		Loadbreak Current Limiting Primary Fuse Cutouts (26 05 46 00-0228)			
		Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.			
26 05 46 00-0251		8.3 KV-95 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)			
26 05 46 00-0252	EA	15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....		527.05	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	
26 05 46 00-0253	EA	25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting		620.98	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		140.89	
26 05 46 00-0254	EA	40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting		714.59	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		168.98	
26 05 46 00-0255	EA	100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....		729.02	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		169.07	
26 05 46 00-0256	EA	200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....		729.02	234.81
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		169.07	
26 05 46 00-0257		17.1 KV-95 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)			
26 05 46 00-0258	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting		527.05	187.86
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add		112.71	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	------------------------	----------------------

26 05 46 00-0259 17.1 KV-125 KV BIL Loadbreak Current Limiting (26 05 46 00-0250)			
26 05 46 00-0260	EA 15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting.....	527.05	187.86
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.71	
26 05 46 00-0261 Fuseholders (26 05 46 00-0250)			
Note: Includes current limiting fuses.			
26 05 46 00-0262	EA 15 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	414.92	234.81
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.71	
26 05 46 00-0263	EA 25 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	508.85	234.81
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.89	
26 05 46 00-0264	EA 40 Amp, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	602.46	234.81
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	168.98	
26 05 46 00-0265	EA 15 Amp, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	414.92	234.81
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.71	
26 05 46 00-0266 Pole Mounted Capacitors (26 05 46 00-0250)			
26 05 46 00-0267	EA Capacitors - Pole Mounted 6 KVAR.....	806.10	189.36
26 05 46 00-0268 Pole Structure Assemblies (26 05 46 00-0228)			
26 05 46 00-0269 5 KV Pole Structure Assemblies (26 05 46 00-0268)			
Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 05 46 00-0270	EA Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	369.58	178.47
26 05 46 00-0271	EA Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	619.37	300.56
26 05 46 00-0272	EA Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	607.42	234.81
26 05 46 00-0273	EA Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	331.42	122.11
26 05 46 00-0274	EA Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	435.88	169.07
26 05 46 00-0275	EA Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	802.99	338.13
26 05 46 00-0276	EA Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	617.62	253.60
26 05 46 00-0277	EA Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,176.68	507.21
26 05 46 00-0278	EA Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,329.74	572.96
26 05 46 00-0279	EA Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	701.34	281.78
26 05 46 00-0280	EA Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	649.64	300.56
26 05 46 00-0281	EA Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,264.06	610.53
26 05 46 00-0282	EA Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	873.69	366.31
26 05 46 00-0283	EA Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	575.48	262.99
26 05 46 00-0284	EA Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,125.89	535.39
26 05 46 00-0285	EA Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	796.25	272.38
26 05 46 00-0286 15 KV Pole Structure Assemblies (26 05 46 00-0268)			
Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 05 46 00-0287	EA Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	379.21	178.47
26 05 46 00-0288	EA Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	633.13	300.56
26 05 46 00-0289	EA Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	654.19	234.81
26 05 46 00-0290	EA Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	347.93	122.11
26 05 46 00-0291	EA Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	459.27	159.68
26 05 46 00-0292	EA Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	849.76	338.13
26 05 46 00-0293	EA Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	652.02	253.60
26 05 46 00-0294	EA Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,246.84	507.21
26 05 46 00-0295	EA Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,424.67	572.96
26 05 46 00-0296	EA Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	748.11	281.78
26 05 46 00-0297	EA Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	667.52	300.56
26 05 46 00-0298	EA Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,281.94	610.53
26 05 46 00-0299	EA Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	909.46	366.31
26 05 46 00-0300	EA Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	593.36	253.60
26 05 46 00-0301	EA Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,143.77	535.39
26 05 46 00-0302	EA Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	832.02	328.74
26 05 46 00-0303 25 KV Pole Structure Assemblies (26 05 46 00-0268)			
Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 05 46 00-0304	EA Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	911.84	281.78
26 05 46 00-0305	EA Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	529.78	140.89
26 05 46 00-0306	EA Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	774.23	216.04
26 05 46 00-0307	EA Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,164.60	441.46
26 05 46 00-0308	EA Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,021.99	328.74
26 05 46 00-0309	EA Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,768.41	648.10
26 05 46 00-0310	EA Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,787.62	732.63
26 05 46 00-0311	EA Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,186.61	427.37
26 05 46 00-0312	EA Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,060.28	427.37
26 05 46 00-0313 50 KV Pole Structure Assemblies (26 05 46 00-0268)			
Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 05 46 00-0314	EA Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,225.64	385.10
26 05 46 00-0315	EA Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	652.70	197.25
26 05 46 00-0316	EA Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	891.71	309.96
26 05 46 00-0317	EA Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,711.88	629.32
26 05 46 00-0318	EA Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,302.48	469.64
26 05 46 00-0319	EA Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,537.55	939.27

26 Electrical**26 05 Common Work Results For Electrical****26 05 46 Utility Poles for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 46 00-0320	EA	Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,937.52	1,042.59
26 05 46 00-0321	EA	Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,473.85	507.21
26 05 46 00-0322	EA	Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,557.93	587.05
26 05 46 00-0323	EA	Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,488.88	554.17
26 05 46 00-0324		Overhead To Underground Conversion Structures <small>(26 05 46 00-0228)</small>		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
26 05 46 00-0325		5 KV Structures <small>(26 05 46 00-0324)</small>		
		Note: Excludes pole.		
26 05 46 00-0326	EA	(3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,399.87	1,878.54
26 05 46 00-0327	EA	(4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,399.87	1,878.54
26 05 46 00-0328	EA	(3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,399.87	1,878.54
26 05 46 00-0329	EA	(4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	3,399.87	1,878.54
26 05 46 00-0330		15 KV Structures <small>(26 05 46 00-0324)</small>		
		Note: Excludes pole.		
26 05 46 00-0331	EA	(3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,464.60	1,878.54
26 05 46 00-0332	EA	(3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,464.60	1,878.54
26 05 46 00-0333	EA	(4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,464.60	1,878.54
26 05 46 00-0334	EA	(4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	3,464.60	1,878.54
26 05 46 00-0335		25 KV Structures <small>(26 05 46 00-0324)</small>		
		Note: Excludes pole.		
26 05 46 00-0336	EA	(3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,535.22	1,878.54
26 05 46 00-0337	EA	(3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,535.22	1,878.54
26 05 46 00-0338	EA	(4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,535.22	1,878.54
26 05 46 00-0339	EA	(4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	3,535.22	1,878.54
26 05 46 00-0340		Transformer Stations <small>(26 05 46 00-0228)</small>		
		Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
26 05 46 00-0341		5 KV Station <small>(26 05 46 00-0340)</small>		
26 05 46 00-0342	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole.....	4,628.07	2,503.39
26 05 46 00-0343	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole.....	5,198.16	2,817.25
26 05 46 00-0344	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole.....	5,767.43	3,130.90
26 05 46 00-0345	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole.....	5,767.43	3,130.90
26 05 46 00-0346	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole.....	4,628.07	2,503.39
26 05 46 00-0347		15 KV Stations <small>(26 05 46 00-0340)</small>		
26 05 46 00-0348	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole.....	4,692.81	2,503.39
26 05 46 00-0349	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole.....	5,262.90	2,817.25
26 05 46 00-0350	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole.....	5,832.16	3,130.90
26 05 46 00-0351	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole.....	5,832.16	3,130.90
26 05 46 00-0352	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole.....	4,692.81	2,503.39
26 05 46 00-0353		25 KV Stations <small>(26 05 46 00-0340)</small>		
26 05 46 00-0354	EA	(Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole.....	4,763.43	2,503.39
26 05 46 00-0355	EA	(Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole.....	5,333.52	2,817.25
26 05 46 00-0356	EA	(Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole.....	5,902.78	3,130.90
26 05 46 00-0357	EA	(Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole.....	5,902.78	3,130.90
26 05 46 00-0358	EA	(Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole.....	4,763.43	2,503.39

26 05 53 Identification for Electrical Systems (26 05)**26 05 53 00-0001 Conduit Markers Pressure-Sensitive** (26 05 53)

Note: Stick-on, includes arrow tape.

26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	9.24	
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	9.67	
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on.....	10.53	
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	10.70	
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	10.87	
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on.....	11.13	
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.82	
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.16	
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.41	
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.67	
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.21	
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.79	
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.29	
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.81	
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on.....	17.20	
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.14	

26 05 53 00-0018 Labeling Electrical Wires (26 05 53)

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

26 05 53 00-019	EA		Labeling Wire.....		1.84
-----------------	----	--	--------------------	--	------

26 05 83 Wiring Connections (26 05)
26 05 83 00-0001 Tape Wrapped Compression Connectors (26 05 83)

26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	10.77	3.87
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	11.74	4.30
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	12.59	4.73
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	14.41	5.16
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	15.52	5.59
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	17.15	6.01
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	18.36	6.44
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	19.96	6.87
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	22.11	7.74
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	23.23	8.17
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	25.61	8.60
26 05 83 00-0013	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	27.70	9.03
26 05 83 00-0014	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	30.85	9.89
26 05 83 00-0015	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volts.....	35.65	11.17

26 05 83 00-0016 One Hole Compression Lugs (26 05 83)

26 05 83 00-0017	EA	#22-18 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	14.60	11.17
26 05 83 00-0018	EA	#16-14 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	14.68	11.17
26 05 83 00-0019	EA	#12-10 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	16.58	12.04
26 05 83 00-0020	EA	#8 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	20.28	13.33
26 05 83 00-0021	EA	#6 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	28.63	17.20
26 05 83 00-0022	EA	#4 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	33.68	17.20
26 05 83 00-0023	EA	#2 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	38.75	17.20
26 05 83 00-0024	EA	1/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	47.87	25.80
26 05 83 00-0025	EA	2/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	56.22	25.80
26 05 83 00-0026	EA	3/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	65.83	25.80
26 05 83 00-0027	EA	4/0 AWG Low Voltage (To 600 Volts) One Hole Compression Lug.....	79.43	34.38
26 05 83 00-0028	EA	250 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	94.23	51.58
26 05 83 00-0029	EA	300 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	107.77	51.58
26 05 83 00-0030	EA	350 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	115.88	51.58
26 05 83 00-0031	EA	400 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	126.07	60.18
26 05 83 00-0032	EA	500 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	137.78	60.18
26 05 83 00-0033	EA	750 MCM Low Voltage (To 600 Volts) One Hole Compression Lug.....	149.80	68.78
26 05 83 00-0034	EA	1,000 MCM Compression Lugs, 1 Hole, Low Voltage, To 600 Volts.....	175.38	77.38

26 05 83 00-0035 Two Hole Compression Lugs (26 05 83)

26 05 83 00-0036	EA	#8 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	29.67	14.61
26 05 83 00-0037	EA	#6 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	31.80	15.56
26 05 83 00-0038	EA	#4 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	33.59	15.56
26 05 83 00-0039	EA	#2 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	38.64	17.88
26 05 83 00-0040	EA	1/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	47.76	22.35
26 05 83 00-0041	EA	2/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	56.10	26.57
26 05 83 00-0042	EA	3/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	65.69	31.12
26 05 83 00-0043	EA	4/0 AWG Low Voltage (To 600 Volts) Two Hole Compression Lug.....	79.28	37.74
26 05 83 00-0044	EA	250 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	94.05	44.79
26 05 83 00-0045	EA	300 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	107.57	51.15
26 05 83 00-0046	EA	350 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	115.67	55.11
26 05 83 00-0047	EA	400 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	125.82	59.66
26 05 83 00-0048	EA	500 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	137.49	65.16
26 05 83 00-0049	EA	750 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	150.05	70.66
26 05 83 00-0050	EA	1,000 MCM Low Voltage (To 600 Volts) Two Hole Compression Lug.....	185.06	85.97

26 05 83 00-0051 Tape Wrapped Split Bolt Connectors (26 05 83)

26 05 83 00-0052	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	44.73	34.38
26 05 83 00-0053	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	49.19	36.97
26 05 83 00-0054	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	56.05	38.68
26 05 83 00-0055	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	64.87	42.98
26 05 83 00-0056	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	76.37	47.28
26 05 83 00-0057	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	85.00	51.58
26 05 83 00-0058	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	106.01	55.88
26 05 83 00-0059	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	113.69	60.18
26 05 83 00-0060	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	119.75	64.48
26 05 83 00-0061	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	135.70	70.92
26 05 83 00-0062	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	151.65	103.16
26 05 83 00-0063	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	165.77	85.97
26 05 83 00-0064	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	179.90	116.06
26 05 83 00-0065	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	197.94	120.36
26 05 83 00-0066	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volts.....	222.44	128.96

26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone (26 05 83)

26 05 83 00-0068	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	61.39	34.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.05	
26 05 83 00-0069	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts.....	70.77	34.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.47	

26 Electrical**26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0070	EA		1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	98.07 28.66	51.58
26 05 83 00-0071	EA		4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.45 33.07	51.58
26 05 83 00-0072	EA		300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	139.40 39.08	64.48
26 05 83 00-0073	EA		500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volts <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	192.67 53.73	85.97
26 05 83 00-0074			Terminal Blocks <small>(26 05 83)</small> Note: Labor excludes wire termination.		
26 05 83 00-0075	EA		Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	730.51 191.04	318.09
26 05 83 00-0076	EA		#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	171.38 26.09	43.05
26 05 83 00-0077	EA		#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.39 26.36	43.05
26 05 83 00-0078			Parallel Gutter Tap Or Motor Connection <small>(26 05 83)</small>		
26 05 83 00-0079	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	29.66	15.56
26 05 83 00-0080	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	31.80	15.56
26 05 83 00-0081	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	33.59	15.56
26 05 83 00-0082	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	38.64	17.88
26 05 83 00-0083	EA		1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	47.75	22.35
26 05 83 00-0084	EA		2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	56.10	26.57
26 05 83 00-0085	EA		3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	65.69	31.12
26 05 83 00-0086	EA		4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	79.28	37.74
26 05 83 00-0087	EA		250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	94.05	44.79
26 05 83 00-0088	EA		300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	107.57	51.15
26 05 83 00-0089	EA		350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	115.67	55.11
26 05 83 00-0090	EA		400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	125.82	59.66
26 05 83 00-0091	EA		500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	137.49	65.16
26 05 83 00-0092	EA		750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap	137.75	65.16
26 05 83 00-0093	EA		#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover	29.66	15.56
26 05 83 00-0094	EA		#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover	31.80	15.56
26 05 83 00-0095	EA		#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover	33.59	15.56
26 05 83 00-0096	EA		#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover	38.64	17.88
26 05 83 00-0097	EA		1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	47.75	22.35
26 05 83 00-0098	EA		2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	56.10	26.57
26 05 83 00-0099	EA		3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	65.69	31.12
26 05 83 00-0100	EA		4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover	79.28	37.74
26 05 83 00-0101	EA		250 MCM Parallel Gutter Tap, Versitap, Insulating Cover	94.05	44.79
26 05 83 00-0102	EA		300 MCM Parallel Gutter Tap, Versitap, Insulating Cover	107.57	51.15
26 05 83 00-0103	EA		350 MCM Parallel Gutter Tap, Versitap, Insulating Cover	115.67	55.11
26 05 83 00-0104	EA		400 MCM Parallel Gutter Tap, Versitap, Insulating Cover	125.82	59.66
26 05 83 00-0105	EA		500 MCM Parallel Gutter Tap, Versitap, Insulating Cover	137.49	65.16
26 05 83 00-0106	EA		750 MCM Parallel Gutter Tap, Versitap, Insulating Cover	137.75	65.16
26 05 83 00-0107			Copper Mechanical Lugs <small>(26 05 83)</small>		
26 05 83 00-0108	EA		#8 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.56 6.45	10.74
26 05 83 00-0109	EA		#6 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.32 7.79	12.98
26 05 83 00-0110	EA		#4 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.74 9.03	15.04
26 05 83 00-0111	EA		#2 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.55 11.51	19.17
26 05 83 00-0112	EA		1/0 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.27 15.47	25.80
26 05 83 00-0113	EA		2/0 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.82 17.98	29.91
26 05 83 00-0114	EA		3/0 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.93 20.63	34.38
26 05 83 00-0115	EA		4/0 Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.50 23.14	38.60
26 05 83 00-0116	EA		250 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.79 25.79	42.98
26 05 83 00-0117	EA		300 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.87 28.38	47.28
26 05 83 00-0118	EA		350 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.90 30.95	51.58
26 05 83 00-0119	EA		400 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	137.84 33.50	55.88
26 05 83 00-0120	EA		500 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.99 36.11	60.18
26 05 83 00-0121	EA		750 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	170.21 41.14	68.52
26 05 83 00-0122	EA		1,000 MCM Copper Mechanical Lugs <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	192.55 46.42	77.38
26 05 83 00-0123			Gel Connectors <small>(26 05 83)</small>		

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 83 00-0124	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit.....		36.15	
		Note: Kit contains connector, gel filled cap and cap clamp.			
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2.58	
26 05 83 00-0125	EA	4 Port, #14 to 2, Gel Tap Splice Kit.....		35.45	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3.10	
26 05 83 00-0126		Other Connections <small>(26 05 83)</small>			
26 05 83 00-0127	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....		8.39	3.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2.36	
26 05 83 00-0128	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....		8.44	3.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2.36	
26 05 83 00-0129	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....		8.50	3.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2.36	
26 05 83 00-0130		Motor/Equipment Connections And Terminations <small>(26 05 83)</small>			
		Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors.			
26 05 83 00-0131		AC Single Phase, 230 Volt <small>(26 05 83 00-0130)</small>			
26 05 83 00-0132	EA	<1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		48.82	21.50
26 05 83 00-0133	EA	1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		48.63	21.50
26 05 83 00-0134	EA	3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		57.46	25.80
26 05 83 00-0135	EA	1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		70.79	32.24
26 05 83 00-0136	EA	1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.19	32.24
26 05 83 00-0137	EA	2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.26	32.24
26 05 83 00-0138	EA	3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		72.56	32.24
26 05 83 00-0139	EA	5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		94.20	42.98
26 05 83 00-0140	EA	7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		95.66	42.98
26 05 83 00-0141	EA	10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		120.40	53.74
26 05 83 00-0142		AC Three Phase, 230 Volt <small>(26 05 83 00-0130)</small>			
26 05 83 00-0143	EA	1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		48.63	21.50
26 05 83 00-0144	EA	3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		57.46	25.80
26 05 83 00-0145	EA	1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		70.79	32.24
26 05 83 00-0146	EA	1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.19	32.24
26 05 83 00-0147	EA	2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.26	32.24
26 05 83 00-0148	EA	3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		72.56	32.24
26 05 83 00-0149	EA	5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		94.20	42.98
26 05 83 00-0150	EA	7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		95.66	42.98
26 05 83 00-0151	EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		120.40	53.74
26 05 83 00-0152	EA	15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		122.36	53.74
26 05 83 00-0153	EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		151.58	64.48
26 05 83 00-0154	EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		154.57	64.48
26 05 83 00-0155	EA	30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		209.19	85.97
26 05 83 00-0156	EA	40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		261.98	107.46
26 05 83 00-0157	EA	50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		310.70	128.96
26 05 83 00-0158	EA	60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		367.24	150.44
26 05 83 00-0159	EA	75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		421.29	171.94
26 05 83 00-0160	EA	100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		524.16	214.92
26 05 83 00-0161	EA	125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		620.65	255.76
26 05 83 00-0162	EA	150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		731.22	298.31
26 05 83 00-0163	EA	200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		1,060.84	447.39
26 05 83 00-0164		AC Three Phase, 460 Volt <small>(26 05 83 00-0130)</small>			
26 05 83 00-0165	EA	1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		48.63	21.50
26 05 83 00-0166	EA	3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		57.46	25.80
26 05 83 00-0167	EA	1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		70.79	32.24
26 05 83 00-0168	EA	1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.19	32.24
26 05 83 00-0169	EA	2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		71.26	32.24
26 05 83 00-0170	EA	3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		72.56	32.24
26 05 83 00-0171	EA	5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		94.20	42.98
26 05 83 00-0172	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		95.66	42.98
26 05 83 00-0173	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		120.40	53.74
26 05 83 00-0174	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		122.36	53.74
26 05 83 00-0175	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		151.59	64.48
26 05 83 00-0176	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		154.57	64.48
26 05 83 00-0177	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		209.19	85.97
26 05 83 00-0178	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		262.24	107.63
26 05 83 00-0179	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		310.70	128.96
26 05 83 00-0180	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		367.24	150.44
26 05 83 00-0181	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		421.29	171.94
26 05 83 00-0182	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		524.16	214.92
26 05 83 00-0183	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		620.89	255.84
26 05 83 00-0184	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		731.55	298.48
26 05 83 00-0185	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		1,061.58	447.73
26 05 83 00-0186		AC Single Phase, 120 Volt <small>(26 05 83 00-0130)</small>			
26 05 83 00-0187	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....		48.82	21.50

26 Electrical**26 05 Common Work Results For Electrical****26 05 83 Wiring Connections**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 83 00-0188	Motor Moisture Sensor <small>(26 05 83 00-0130)</small>		
26 05 83 00-0189	EA Motor Moisture Sensor Located In Winding	.....	247.44

26 09 Instrumentation and Control for Electrical Systems (26)

Note: Includes testing of new devices and certification.

26 09 23 Lighting Control Devices (26 09)

26 09 23 00-0001 Lighting Contactors (26 09 23)

Note: Up to 600 volt.

26 09 23 00-0002 Electrically Held, Lighting Contactors (26 09 23 00-0001)

26 09 23 00-0003 NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)

26 09 23 00-0004 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)

26 09 23 00-0005	EA 20 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	299.19	68.78
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	41.27	
26 09 23 00-0006	EA 30 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	366.13	77.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	46.42	
26 09 23 00-0007	EA 60 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	673.72	120.36
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	72.22	
26 09 23 00-0008	EA 100 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,037.69	163.34
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	98.00	
26 09 23 00-0009	EA 200 Amp, 2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	2,101.90	214.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	128.96	

26 09 23 00-0010 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)

26 09 23 00-0011	EA 20 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	337.74	77.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	46.42	
26 09 23 00-0012	EA 30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	401.99	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	51.58	
26 09 23 00-0013	EA 60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	732.97	137.55
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	82.53	
26 09 23 00-0014	EA 100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,122.71	180.54
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	108.32	
26 09 23 00-0015	EA 200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	2,259.02	236.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	141.85	

26 09 23 00-0016 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)

26 09 23 00-0017	EA 20 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	395.23	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	51.58	
26 09 23 00-0018	EA 30 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	470.25	94.56
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	56.74	
26 09 23 00-0019	EA 60 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	881.05	154.74
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	92.85	
26 09 23 00-0020	EA 100 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,334.30	197.73
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	118.64	
26 09 23 00-0021	EA 200 Amp, 4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	2,862.90	257.91
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	154.74	

26 09 23 00-0022 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)

26 09 23 00-0023 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)

26 09 23 00-0024	EA 20 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	471.03	68.78
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	41.27	
26 09 23 00-0025	EA 30 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	593.96	77.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	46.42	
26 09 23 00-0026	EA 60 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	1,128.04	120.36
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	72.22	
26 09 23 00-0027	EA 100 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	1,682.97	163.34
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	98.00	
26 09 23 00-0028	EA 200 Amp, 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	3,203.28	214.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	128.96	

26 09 23 00-0029 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)

26 09 23 00-0030	EA 20 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	491.62	77.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	46.42	
26 09 23 00-0031	EA 30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	629.81	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	51.58	
26 09 23 00-0032	EA 60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	1,188.62	137.55
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	82.53	
26 09 23 00-0033	EA 100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	1,767.55	180.54
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	108.32	
26 09 23 00-0034	EA 200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	3,359.95	236.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	141.85	

26 09 23 00-0035 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)

26 09 23 00-0036	EA 20 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor	.....	532.60	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	.....	51.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0037 EA 30 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	698.07 56.74	94.56
26 09 23 00-0038 EA 60 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,513.90 92.85	154.74
26 09 23 00-0039 EA 100 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,156.33 118.64	197.73
26 09 23 00-0040 EA 200 Amp, 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,452.35 154.74	257.91
26 09 23 00-0041 Mechanically Held, Lighting Contactors (26 09 23 00-0001)		
26 09 23 00-0042 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0043 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0044 EA 20 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	424.43 41.27	68.78
26 09 23 00-0045 EA 30 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	482.49 46.42	77.38
26 09 23 00-0046 EA 60 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	900.21 72.22	120.36
26 09 23 00-0047 EA 100 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,252.19 98.00	163.34
26 09 23 00-0048 EA 200 Amp, 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,798.26 128.96	214.92
26 09 23 00-0049 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0050 EA 20 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	455.70 46.42	77.38
26 09 23 00-0051 EA 30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	519.23 51.58	85.97
26 09 23 00-0052 EA 60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	960.80 82.53	137.55
26 09 23 00-0053 EA 100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,337.65 108.32	180.54
26 09 23 00-0054 EA 200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,144.12 141.85	236.42
26 09 23 00-0055 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0042)		
26 09 23 00-0056 EA 20 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	493.29 51.58	85.97
26 09 23 00-0057 EA 30 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	555.07 56.74	94.56
26 09 23 00-0058 EA 60 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,120.87 92.85	154.74
26 09 23 00-0059 EA 100 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,562.12 118.64	197.73
26 09 23 00-0060 EA 200 Amp, 4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,781.31 154.74	257.91
26 09 23 00-0061 NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0041)		
26 09 23 00-0062 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0063 EA 20 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	618.11 41.27	68.78
26 09 23 00-0064 EA 30 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	710.31 46.42	77.38
26 09 23 00-0065 EA 60 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,355.87 72.22	120.36
26 09 23 00-0066 EA 100 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,897.48 98.00	163.34
26 09 23 00-0067 EA 200 Amp, 2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,898.75 128.96	214.92
26 09 23 00-0068 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0069 EA 20 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	655.69 46.42	77.38
26 09 23 00-0070 EA 30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	747.05 51.58	85.97
26 09 23 00-0071 EA 60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,416.45 82.53	137.55
26 09 23 00-0072 EA 100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,983.38 108.32	180.54
26 09 23 00-0073 EA 200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,245.49 141.85	236.42
26 09 23 00-0074 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0061)		
26 09 23 00-0075 EA 20 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	695.70 51.58	85.97

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0076	EA		30 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	782.90 56.74	94.56
26 09 23 00-0077	EA		60 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,753.72 92.85	154.74
26 09 23 00-0078	EA		100 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,384.16 118.64	197.73
26 09 23 00-0079	EA		200 Amp, 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,338.34 154.74	257.91
26 09 23 00-0080			Combination Lighting Contactors (26 09 23) Note: Up to 600 volt.		
26 09 23 00-0081			Electrically Held, Combination Lighting Contactors (26 09 23 00-0080)		
26 09 23 00-0082			NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0081)		
26 09 23 00-0083			3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0082)		
26 09 23 00-0084	EA		30 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	798.66 56.74	94.56
26 09 23 00-0085	EA		60 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,253.88 90.78	151.31
26 09 23 00-0086	EA		100 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,999.95 119.15	198.59
26 09 23 00-0087	EA		200 Amp, 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,595.75 156.03	260.06
26 09 23 00-0088			NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0081)		
26 09 23 00-0089			3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0088)		
26 09 23 00-0090	EA		30 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,405.53 56.74	94.56
26 09 23 00-0091	EA		60 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,189.16 90.78	151.31
26 09 23 00-0092	EA		100 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,632.03 119.15	198.59
26 09 23 00-0093	EA		200 Amp, 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,683.49 156.03	260.06
26 09 23 00-0094			Mechanically Held, Combination Lighting Contactors (26 09 23 00-0080)		
26 09 23 00-0095			NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0094)		
26 09 23 00-0096			3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0095)		
26 09 23 00-0097	EA		30 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	867.94 56.74	94.56
26 09 23 00-0098	EA		60 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,493.70 90.78	151.31
26 09 23 00-0099	EA		100 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,227.11 119.15	198.59
26 09 23 00-0100	EA		200 Amp, 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,241.26 156.03	260.06
26 09 23 00-0101			NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0094)		
26 09 23 00-0102			3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0101)		
26 09 23 00-0103	EA		30 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,475.48 56.74	94.56
26 09 23 00-0104	EA		60 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,430.31 90.78	151.31
26 09 23 00-0105	EA		100 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,859.86 119.15	198.59
26 09 23 00-0106	EA		200 Amp, 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,328.99 156.03	260.06

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

26 09 23 00-0107	Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket <small>(26 09 23)</small>		
26 09 23 00-0108	EA Photo-Cell, 105-130 Volt Relay, Lighting Arrester, Receptacle And Bracket.....	88.20	22.35
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 09 23 00-0109	EA Photo-Cell, 105-285 Volt Relay, Lighting Arrester, Receptacle And Bracket.....	95.39	22.35
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 09 23 00-0110	Dimming Module System (Lutron Grafik Eye) <small>(26 09 23)</small>		
26 09 23 00-0111	EA 2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2).....	922.24	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.58	
26 09 23 00-0112	EA 4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4).....	1,177.06	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.58	
26 09 23 00-0113	EA 6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6).....	1,436.43	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.58	
26 09 23 00-0114	Light Control Panels <small>(26 09 23)</small>		
26 09 23 00-0115	Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0114)</small>		
26 09 23 00-0116	Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0115)</small>		
26 09 23 00-0117	EA 4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4).....	1,215.79	120.55
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33	
26 09 23 00-0118	EA 8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8).....	1,314.24	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0119	EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G).....	1,476.70	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0120	EA 8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8).....	1,808.20	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0121	EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G).....	1,961.17	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0122	EA 4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4).....	1,349.00	120.55
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33	
26 09 23 00-0123	EA 8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8).....	1,447.45	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0124	EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G).....	1,609.90	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0125	EA 8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8).....	1,869.45	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0126	EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G).....	2,022.71	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0127	Accessories For Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0115)</small>		
26 09 23 00-0128	EA Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2).....	198.02	21.53
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 09 23 00-0129	EA Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W).....	98.25	17.22
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0130	EA Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2).....	53.41	17.22
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0131	Lighting Control Panels (Synergy) <small>(26 09 23 00-0114)</small>		
26 09 23 00-0132	Lighting Control Panels (Synergy) <small>(26 09 23 00-0131)</small>		
26 09 23 00-0133	EA 8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S).....	1,459.33	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0134	Accessories For Lighting Control Panels (Synergy) <small>(26 09 23 00-0131)</small>		
26 09 23 00-0135	EA Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL).....	352.06	21.53
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 09 23 00-0136	EA Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20).....	136.52	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0137	EA Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT).....	81.98	12.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.75	
26 09 23 00-0138	Lighting Switching Panels (Lutron) <small>(26 09 23 00-0114)</small>		
26 09 23 00-0139	Lighting Switching Panels (Lutron) <small>(26 09 23 00-0138)</small>		
26 09 23 00-0140	EA 8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT).....	1,201.42	129.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.50	
26 09 23 00-0141	EA 12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT).....	1,624.52	137.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.66	
26 09 23 00-0142	EA 16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT).....	2,107.63	146.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.83	
26 09 23 00-0143	Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) <small>(26 09 23 00-0114)</small>		
26 09 23 00-0144	EA 6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z).....	533.00	120.55
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 09 23 00-0145	EA	12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z)	731.45		120.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33		
26 09 23 00-0146	EA	18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z)	941.45		120.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33		
26 09 23 00-0147		Power Filters <small>(26 09 23 00-0114)</small>			
26 09 23 00-0148	EA	600 Amp 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17"	22,975.47		716.39
26 09 23 00-0149	EA	200 Amp 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17"	13,548.55		311.47
26 09 23 00-0150		Signal Filters <small>(26 09 23 00-0114)</small>			
26 09 23 00-0151	EA	0.5 Amp 125 V 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case	10,637.72		651.31
26 09 23 00-0152	EA	0.5 Amp 125 V 200 Conductor Signal Filter With 29" X 40" X 11" Case	7,258.82		398.04
26 09 23 00-0153	EA	0.5 Amp 125 V 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case	4,052.64		231.09
26 09 23 00-0154	EA	5 Amp 24 V DC 5 V 2 - 1 Pair Conductor Signal Filter With Case	5,488.82		231.09
26 09 23 00-0155		Radio Controlled Devices (Lutron) <small>(26 09 23)</small>			
26 09 23 00-0156		Tabletop Transmitters For Radio Controlled Devices <small>(26 09 23 00-0155)</small>			
26 09 23 00-0157		Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>			
26 09 23 00-0158	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH)	262.70		12.92
26 09 23 00-0159	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH)	339.87		12.92
26 09 23 00-0160	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH)	426.69		12.92
26 09 23 00-0161		Dimmable Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>			
26 09 23 00-0162	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH)	262.70		12.92
26 09 23 00-0163	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH)	310.93		12.92
26 09 23 00-0164	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH)	426.69		12.92
26 09 23 00-0165	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH)	262.70		12.92
26 09 23 00-0166	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH)	339.87		12.92
26 09 23 00-0167	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH)	426.69		12.92
26 09 23 00-0168		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>			
26 09 23 00-0169	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH)	339.87		12.92
26 09 23 00-0170	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH)	426.69		12.92
26 09 23 00-0171	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH)	426.69		12.92
26 09 23 00-0172		Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>			
26 09 23 00-0173	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH)	262.70		12.92
26 09 23 00-0174	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH)	339.87		12.92
26 09 23 00-0175	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH)	310.93		12.92
26 09 23 00-0176	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH)	378.46		12.92
26 09 23 00-0177	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH)	339.87		12.92
26 09 23 00-0178	EA	Two Zones Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH)	407.40		12.92
26 09 23 00-0179	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH)	339.87		12.92
26 09 23 00-0180		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>			
26 09 23 00-0181	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH)	262.70		12.92
26 09 23 00-0182	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH)	339.87		12.92
26 09 23 00-0183	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH)	339.87		12.92
26 09 23 00-0184	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH)	426.69		12.92
26 09 23 00-0185	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH)	339.87		12.92
26 09 23 00-0186	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH)	426.69		12.92

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

26 09 23 00-0187	Output Switch Closure Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>		
26 09 23 00-0188	EA Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH)	262.70	12.92
26 09 23 00-0189	EA Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH)	339.87	12.92
26 09 23 00-0190	EA Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH)	426.69	12.92
26 09 23 00-0191	Accessories For Tabletop Wireless Transmitter <small>(26 09 23 00-0156)</small>		
26 09 23 00-0192	EA Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH)	60.12	12.92
26 09 23 00-0193	Wall Box Transmitters For Radio Controlled Devices <small>(26 09 23 00-0155)</small>		
26 09 23 00-0194	EA On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH)	243.40	12.92
26 09 23 00-0195	EA Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH)	262.70	12.92
26 09 23 00-0196	EA Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH)	262.70	12.92
26 09 23 00-0197	EA Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	262.70	12.92
26 09 23 00-0198	EA Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH)	262.70	12.92
26 09 23 00-0199	EA Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	262.70	12.92
26 09 23 00-0200	Interfaces For Radio Controlled Devices <small>(26 09 23 00-0155)</small>		
26 09 23 00-0201	EA Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	243.40	12.92
26 09 23 00-0202	EA Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	243.40	12.92
26 09 23 00-0203	EA Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000)	243.40	12.92
26 09 23 00-0204	EA Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	488.43	12.92
26 09 23 00-0205	EA RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	696.80	12.92
26 09 23 00-0206	EA Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	696.80	12.92
26 09 23 00-0207	Fluorescent Controllers For Radio Controlled Devices <small>(26 09 23 00-0155)</small>		
26 09 23 00-0208	EA On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	310.93	12.92
26 09 23 00-0209	EA Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F)	349.52	12.92
26 09 23 00-0210	EA Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC)	407.40	12.92
26 09 23 00-0211	AC Motor Group Controllers For Radio Controlled Devices <small>(26 09 23 00-0155)</small>		
26 09 23 00-0212	EA Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	455.63	12.92
26 09 23 00-0213	EA Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC)	624.45	12.92
26 09 23 00-0214	Occupancy Sensors (Watt Stopper) <small>(26 09 23)</small>		
	Note: Includes testing of new devices and certification.		
26 09 23 00-0215	Occupancy Sensors <small>(26 09 23 00-0214)</small>		
	Note: Exclude boxes.		
26 09 23 00-0216	Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0215)</small>		
26 09 23 00-0217	Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0216)</small>		
26 09 23 00-0218	EA Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100)	94.83	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0219	EA Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200)	111.58	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0220	Passive Infrared, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0216)</small>		
26 09 23 00-0221	EA Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100)	70.13	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0222	EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS)	70.13	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0223	EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100)	77.19	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0224	EA Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WI-200)	91.30	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0225	EA Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200)	93.06	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0226	EA Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD)	94.83	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0227	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors <small>(26 09 23 00-0216)</small>		
26 09 23 00-0228	EA Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100)	122.17	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0229	EA Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200)	139.80	8.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.17	
26 09 23 00-0230	Wall Switch Mounted Occupancy Sensor Accessories <small>(26 09 23 00-0216)</small>		
26 09 23 00-0231	EA Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	5.37	2.15
26 09 23 00-0232	EA One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.51	2.15
26 09 23 00-0233	EA Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP)	6.51	2.15

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 09 23 00-0234		Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0215)</small>		
26 09 23 00-0235		Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0234)</small>		
26 09 23 00-0236		25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small>		
26 09 23 00-0237	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A)	125.18	19.37
26 09 23 00-0238	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A)	143.70	19.37
26 09 23 00-0239	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A)	161.33	19.37
26 09 23 00-0240	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H)	161.33	19.37
26 09 23 00-0241		32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small>		
26 09 23 00-0242	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605)	133.11	19.37
26 09 23 00-0243	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105)	150.75	19.37
26 09 23 00-0244	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205)	168.39	19.37
26 09 23 00-0245	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255)	168.39	19.37
26 09 23 00-0246		35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small>		
26 09 23 00-0247	EA	600 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-605)	130.47	19.37
26 09 23 00-0248	EA	1,100 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-1105)	148.11	19.37
26 09 23 00-0249	EA	2,200 SF 360 Degree Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2205)	165.74	19.37
26 09 23 00-0250	EA	90 LF Hallway Coverage, Panel Integrating, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WP-2255)	165.74	19.37
26 09 23 00-0251	EA	600 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600)	140.17	19.37
26 09 23 00-0252	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100)	157.81	19.37
26 09 23 00-0253	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200)	176.33	19.37
26 09 23 00-0254	EA	90 LF Hallway Coverage, Isolated Relay, 35 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250)	176.33	19.37
26 09 23 00-0255		40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0235)</small>		
26 09 23 00-0256	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1)	140.17	19.37
26 09 23 00-0257	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2)	157.81	19.37
26 09 23 00-0258	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3)	176.33	19.37
26 09 23 00-0259	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1)	133.11	19.37
26 09 23 00-0260	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2)	150.75	19.37
26 09 23 00-0261	EA	2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3)	168.39	19.37
26 09 23 00-0262	EA	500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1)	133.11	19.37
26 09 23 00-0263	EA	1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2)	150.75	19.37
26 09 23 00-0264	EA	2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3)	168.39	19.37
26 09 23 00-0265		Passive Infrared, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0234)</small>		
26 09 23 00-0266	EA	30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR)	104.01	19.37
26 09 23 00-0267	EA	HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24)	106.66	19.37
26 09 23 00-0268	EA	Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205)	118.12	19.37
26 09 23 00-0269	EA	Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355)	123.41	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0270	EA	Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305)	123.41	19.37
26 09 23 00-0271	EA	Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200)	134.88	19.37
26 09 23 00-0272	EA	Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300)	138.40	19.37
26 09 23 00-0273		Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0234)</small>		
26 09 23 00-0274	EA	1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355)	173.68	19.37
26 09 23 00-0275	EA	1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300)	192.20	19.37
26 09 23 00-0276	EA	1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305)	192.20	19.37
26 09 23 00-0277		Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0215)</small>		
26 09 23 00-0278		Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0277)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0279 EA 120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3)	192.20	19.37
26 09 23 00-0280 EA 2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100)	192.20	19.37
26 09 23 00-0281 Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0277)</small>		
26 09 23 00-0282 EA 2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200)	192.20	19.37
26 09 23 00-0283 Occupancy Sensor Power Packs <small>(26 09 23 00-0214)</small>		
26 09 23 00-0284 Single Voltage, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0285 EA 220 - 240 Volt AC, 20 Amp, Occupancy Sensor Power Pack (Watt Stopper B230E-P)	61.78	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0286 EA 347 Volt AC, 15 Amp, Occupancy Sensor Power Pack (Watt Stopper B347D-P)	61.78	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0287 Auxiliary, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0288 EA 120, 277 Or 347 Volt AC, 20 Amp, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P)	56.49	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0289 Universal Voltage, Power Packs For Occupancy Sensors <small>(26 09 23 00-0283)</small>		
26 09 23 00-0290 EA 120/277 Volt AC, 20 Amp, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100)	68.83	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0291 Form C, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0292 EA 120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P)	67.07	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0293 EA 277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P)	67.07	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0294 Two Relay, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0295 EA 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P)	82.06	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0296 EA 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P)	82.06	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0297 Occupancy Sensor Power Supplies <small>(26 09 23 00-0283)</small>		
26 09 23 00-0298 EA 120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-120)	152.61	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0299 EA 277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)	152.61	17.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0300 Intelligent, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0301 EA 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100)	228.46	17.22
26 09 23 00-0302 DIN Rail Mounted, Occupancy Sensor Power Packs <small>(26 09 23 00-0283)</small>		
26 09 23 00-0303 EA 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100)	71.48	17.22
26 09 23 00-0304 Occupancy Sensor Accessories <small>(26 09 23 00-0214)</small>		
26 09 23 00-0305 Protective Cages For Occupancy Sensors <small>(26 09 23 00-0304)</small>		
26 09 23 00-0306 EA Protective Cage For Occupancy Sensors (Watt Stopper WC)	42.02	6.45
26 09 23 00-0307 Mounting Brackets For Occupancy Sensors <small>(26 09 23 00-0304)</small>		
26 09 23 00-0308 EA Mounting Bracket For Occupancy Sensor (Watt Stopper MB)	32.99	10.76
Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.		
26 09 23 00-0309 Occupancy/Lighting Logger <small>(26 09 23 00-0304)</small>		
Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0310 EA Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200)	312.18	36.60
26 09 23 00-0311 Remove And Reinstall Occupancy Sensors <small>(26 09 23 00-0304)</small>		
26 09 23 00-0312 EA Remove And Reinstall Surface Mounted Occupancy Sensor	58.12	
Note: Includes storing and cleaning.		
26 09 23 00-0313 EA Remove And Reinstall Wall Switch Mounted Occupancy Sensor	25.84	
Note: Includes storing and cleaning.		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 09 23 00-0314		Digital Time Light Switches <small>(26 09 23 00-0214)</small>			
26 09 23 00-0315	EA	Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400)	68.37		8.61
26 09 23 00-0316		Daylight Sensing Light Switches <small>(26 09 23 00-0214)</small>			
26 09 23 00-0317	EA	User Adjustable Light Level Settings, Daylight Sensing Light Switch (Watt Stopper LS-100).....	91.30		8.61
26 09 23 00-0318		Occupancy Sensors (Sensor Switch) <small>(26 09 23)</small>			
Note: Includes testing of new devices and certification.					
26 09 23 00-0319		Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0318)</small>			
Note: Exclude boxes					
26 09 23 00-0320		Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0319)</small>			
26 09 23 00-0321		Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0320)</small>			
26 09 23 00-0322	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV).....	99.72		8.61
26 09 23 00-0323	EA	Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL).....	72.22		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0324	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD).....	69.20		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0325	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA).....	69.20		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0326	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)	85.97		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0327	EA	Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS).....	85.97		8.61
26 09 23 00-0328	EA	2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)	103.16		8.61
26 09 23 00-0329	EA	Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD).....	85.97		8.61
26 09 23 00-0330		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0320)</small>			
Note: Includes passive infrared and microphonics detection					
26 09 23 00-0331	EA	Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV).....	127.22		8.61
26 09 23 00-0332	EA	Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	99.72		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0333	EA	Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	97.66		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0334	EA	Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA).....	97.66		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0335	EA	2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P)	113.47		8.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			5.17		
26 09 23 00-0336	EA	Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT).....	113.47		8.61
26 09 23 00-0337	EA	2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P).....	121.72		8.61
26 09 23 00-0338		Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) <small>(26 09 23 00-0320)</small>			
26 09 23 00-0339	EA	One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX)	9.81		2.15
26 09 23 00-0340	EA	One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX).....	9.81		2.15
26 09 23 00-0341	EA	Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3)	18.06		2.15
26 09 23 00-0342	EA	Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3).....	18.06		2.15
26 09 23 00-0343		360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0319)</small>			
26 09 23 00-0344		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0343)</small>			
Note: One photocell or dimming option per occupancy sensor					
26 09 23 00-0345	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	121.25		19.37
26 09 23 00-0346	EA	Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	121.25		19.37
26 09 23 00-0347	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	121.25		19.37
26 09 23 00-0348	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9).....	128.13		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		
26 09 23 00-0349	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9).....	128.13		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		
26 09 23 00-0350	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9).....	106.13		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		
26 09 23 00-0351	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P).....	155.63		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		
26 09 23 00-0352	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	155.63		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		
26 09 23 00-0353	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	133.63		19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			11.63		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0354 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10)	121.25	19.37
26 09 23 00-0355 EA Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10)	121.25	19.37
26 09 23 00-0356 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10)	121.25	19.37
26 09 23 00-0357 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10)	128.13	19.37
26 09 23 00-0358 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10)	128.13	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0359 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10)	106.13	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0360 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P)	155.63	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0361 EA 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P)	155.63	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0362 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P)	133.63	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0363 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0343)		
Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0364 EA Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9)	148.75	19.37
26 09 23 00-0365 EA Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9)	148.75	19.37
26 09 23 00-0366 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9)	148.75	19.37
26 09 23 00-0367 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9)	141.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0368 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9)	141.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0369 EA Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9)	119.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0370 EA 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P)	169.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0371 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P)	169.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0372 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P)	147.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0373 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10)	148.75	19.37
26 09 23 00-0374 EA Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10)	148.75	19.37
26 09 23 00-0375 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10)	148.75	19.37
26 09 23 00-0376 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10)	141.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0377 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10)	141.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0378 EA Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	119.87	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0379 EA 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P)	169.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0380 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P)	169.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0381 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P)	147.37	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	
26 09 23 00-0382 Wide View And Hallway Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0319)		
26 09 23 00-0383 Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) ^(26 09 23 00-0382)		
26 09 23 00-0384 EA Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	121.25	19.37
26 09 23 00-0385 EA Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13)	135.00	19.37
26 09 23 00-0386 EA Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13)	162.50	19.37
26 09 23 00-0387 EA Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16)	155.63	19.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.63	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0388	EA		2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	183.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0389 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) (26 09 23 00-0382)					
Note: Includes passive infrared and microphonics detection					
26 09 23 00-0390	EA		Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	148.75	19.37
26 09 23 00-0391	EA		Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	169.37	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0392	EA		2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P)	196.87	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0393 High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0319)					
26 09 23 00-0394 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) (26 09 23 00-0393)					
26 09 23 00-0395	EA		Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	121.25	19.37
26 09 23 00-0396	EA		Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6)	121.25	19.37
26 09 23 00-0397	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6)	121.25	19.37
26 09 23 00-0398	EA		Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6)	106.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0399	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6)	106.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0400	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6)	106.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0401	EA		2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P)	133.63	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0402	EA		2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P)	133.63	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0403	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P)	133.63	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0404	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0405	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0406	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0407	EA		480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0408	EA		480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0409	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480)	115.75	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0410	EA		Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50)	135.00	19.37
26 09 23 00-0411	EA		Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50)	135.00	19.37
26 09 23 00-0412	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	135.00	19.37
26 09 23 00-0413	EA		Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	161.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0414	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	161.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0415	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	161.13	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0416	EA		2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	143.25	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0417	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	143.25	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0418	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	122.63	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0419	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	122.63	19.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0420	EA	480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480).....	122.63	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0421	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480).....	122.63	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0422	EA	Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10).....	135.00	19.37
26 09 23 00-0423	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10).....	135.00	19.37
26 09 23 00-0424	EA	Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10).....	161.13	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0425	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10).....	161.13	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0426	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P).....	155.63	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0427	EA	480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480).....	141.87	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0428	EA	208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208).....	141.87	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0429		Occupancy Sensor Power Packs (Sensor Switch) (26 09 23 00-0318)		
26 09 23 00-0430	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20).....	72.94	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0431	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P).....	100.44	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0432	EA	Single Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20).....	59.19	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0433	EA	2-Pole, 20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20).....	55.06	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0434	EA	20 Amp, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20).....	68.82	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0435	EA	120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH).....	103.19	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0436	EA	120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR).....	103.19	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0437	EA	120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM).....	103.19	17.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.33	
26 09 23 00-0438		Occupancy Sensor Accessories (Sensor Switch) (26 09 23 00-0318)		
26 09 23 00-0439		Remove And Reinstall Occupancy Sensors (26 09 23 00-0438)		
26 09 23 00-0440	EA	Remove And Reinstall Wall Switch Mounted Occupancy Sensor.....	25.84	
		Note: Includes storing and cleaning.		
26 09 23 00-0441	EA	Remove And Reinstall Surface Mounted Occupancy Sensor.....	58.12	
		Note: Includes storing and cleaning.		
26 09 23 00-0442		Daylighting Control (Sensor Switch) (26 09 23 00-0318)		
26 09 23 00-0443	EA	Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC).....	107.50	19.37
26 09 23 00-0444	EA	Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC).....	107.50	19.37
26 09 23 00-0445	EA	Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC).....	107.50	19.37
26 09 23 00-0446	EA	Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0447	EA	Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0448	EA	Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0449	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC).....	107.50	19.37
26 09 23 00-0450	EA	Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC).....	107.50	19.37
26 09 23 00-0451	EA	Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC).....	107.50	19.37
26 09 23 00-0452	EA	Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0453	EA	Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0454	EA	Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	107.50	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	
26 09 23 00-0455	EA	Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	148.75	19.37
26 09 23 00-0456	EA	Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	148.75	19.37
26 09 23 00-0457	EA	Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	148.75	19.37
26 09 23 00-0458	EA	Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	148.75	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 09 23 00-0459	EA	Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	148.75		19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63		
26 09 23 00-0460	EA	Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	148.75		19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.63		
26 09 23 00-0461		Occupancy Sensors (Sensor Switch nLight®) (26 09 23) Note: Includes testing of new devices and certification.			
26 09 23 00-0462		Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0461) Note: Excludes boxes.			
26 09 23 00-0463		Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0462)			
26 09 23 00-0464		Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0463) Note: Includes passive infrared and microphonics detection			
26 09 23 00-0465	EA	Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX).....	174.24		8.61
26 09 23 00-0466		360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0462)			
26 09 23 00-0467		Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0466) Note: One photocell or dimming option per occupancy sensor			
26 09 23 00-0468	EA	Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9).....	211.29		19.37
26 09 23 00-0469	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10).....	211.29		19.37
26 09 23 00-0470	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC).....	211.29		19.37
26 09 23 00-0471		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0466) Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection			
26 09 23 00-0472	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9).....	245.80		19.37
26 09 23 00-0473	EA	Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10).....	245.80		19.37
26 09 23 00-0474	EA	2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P).....	254.42		19.37
26 09 23 00-0475		Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0462)			
26 09 23 00-0476		Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0475) Note: Includes passive infrared and microphonics detection			
26 09 23 00-0477	EA	Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16).....	245.80		19.37
26 09 23 00-0478		High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0462)			
26 09 23 00-0479		Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0478) Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection			
26 09 23 00-0480	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6).....	211.29		19.37
26 09 23 00-0481		Occupancy Sensor Power Packs (Sensor Switch nLight®) (26 09 23 00-0461)			
26 09 23 00-0482	EA	150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	77.57		17.22
26 09 23 00-0483	EA	250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	94.84		17.22
26 09 23 00-0484	EA	30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO).....	124.16		17.22
26 09 23 00-0485	EA	System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16).....	124.16		17.22
26 09 23 00-0486		Occupancy Sensor Accessories (Sensor Switch nLight®) (26 09 23 00-0461)			
26 09 23 00-0487	EA	RS232 AV Integrator (Sensor Switch nLight® nIO X).....	254.42		19.37
26 09 23 00-0488	EA	8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT).....	340.72		19.37
26 09 23 00-0489		Daylighting Controls (Sensor Switch nLight®) (26 09 23 00-0461)			
26 09 23 00-0490	EA	Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC).....	176.79		19.37
26 09 23 00-0491		Controls (Sensor Switch nLight®) (26 09 23 00-0461)			
26 09 23 00-0492	EA	On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	119.85		19.37

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

26 09 23 00-0493	EA		1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB).....	168.17	19.37
26 09 23 00-0494	EA		On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM).....	375.21	19.37
26 09 23 00-0495	EA		3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX).....	375.21	19.37
26 09 23 00-0496	EA		3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	1,375.97	19.37

26 09 23 00-0497 Occupancy Sensors (Lutron) (26 09 23)
 Note: Includes testing of new devices and certification.

26 09 23 00-0498 Wireless Occupancy Sensors (26 09 23 00-0497)

26 09 23 00-0499	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH).....	96.48	19.37
26 09 23 00-0500	EA		Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH).....	96.48	19.37
26 09 23 00-0501	EA		Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	96.48	19.37
26 09 23 00-0502	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH).....	96.48	19.37
26 09 23 00-0503	EA		Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH).....	96.48	19.37
26 09 23 00-0504	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLBP-WH).....	96.48	19.37
26 09 23 00-0505	EA		Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	96.48	19.37
26 09 23 00-0506	EA		Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V).....	69.17	19.37
26 09 23 00-0507	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH).....	139.99	19.37
26 09 23 00-0508	EA		Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	148.42	19.37
26 09 23 00-0509	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH).....	173.59	19.37
26 09 23 00-0510	EA		Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	187.49	19.37
26 09 23 00-0511	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH).....	186.88	19.37
26 09 23 00-0512	EA		Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	198.61	19.37
26 09 23 00-0513	EA		Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH).....	131.24	19.37
26 09 23 00-0514	EA		Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH).....	116.83	19.37
26 09 23 00-0515	EA		Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH).....	147.75	19.37
26 09 23 00-0516	EA		Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH).....	153.63	19.37
26 09 23 00-0517	EA		Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH).....	180.60	19.37
26 09 23 00-0518	EA		Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH).....	151.10	19.37

26 09 23 00-0519 Nodes And Modules (26 09 23 00-0497)

26 09 23 00-0520	EA		0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C).....	133.83	19.37
26 09 23 00-0521	EA		0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J).....	133.83	19.37
26 09 23 00-0522	EA		4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C).....	171.86	19.37
26 09 23 00-0523	EA		4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J).....	171.86	19.37
26 09 23 00-0524	EA		120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH).....	231.08	21.53
26 09 23 00-0525	EA		120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH).....	245.18	21.53
26 09 23 00-0526	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH).....	287.23	21.53
26 09 23 00-0527	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH).....	288.81	21.53
26 09 23 00-0528	EA		120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH).....	356.74	21.53
26 09 23 00-0529	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH).....	388.60	21.53
26 09 23 00-0530	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH).....	374.50	21.53
26 09 23 00-0531	EA		1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2).....	871.12	34.44
26 09 23 00-0532	EA		2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4).....	1,152.19	38.75
26 09 23 00-0533	EA		3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6).....	1,438.11	43.05

26 09 23 00-0534 Other Accessories (26 09 23 00-0497)

26 09 23 00-0535	EA		Pico® Wireless Control Wallplate Adapter (Lutron® PJ).....	27.29	
26 09 23 00-0536	EA		Pico® Wireless Control (Lutron® PJ).....	43.79	
26 09 23 00-0537	EA		4-Scene Wireless Remote Control (Lutron® GRX-IT-WH).....	78.00	
26 09 23 00-0538	EA		8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH).....	160.03	
26 09 23 00-0539	EA		4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL).....	154.04	19.37
26 09 23 00-0540	EA		seeTouch® QS Wallstation (Lutron® QSW2).....	226.09	19.37
26 09 23 00-0541	EA		seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSW2S).....	254.91	19.37
26 09 23 00-0542	EA		120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S).....	360.09	21.53
26 09 23 00-0543	EA		120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S).....	475.38	21.53
26 09 23 00-0544	EA		Control Interface (Lutron® QSE-CI-NWK-E).....	579.17	19.37
26 09 23 00-0545	EA		1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S).....	583.71	19.37
26 09 23 00-0546	EA		2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S).....	778.34	19.37
26 09 23 00-0547	MLF		5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S).....	1,493.33	601.79
26 09 23 00-0548	MLF		5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S).....	1,951.18	601.79

26 09 23 00-0549 Fixture Mounted Occupancy Sensors (Leviton) (26 09 23)

Note: Includes testing of new devices and certification.					
26 09 23 00-0550	EA		120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW).....	97.90	19.37

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 09 23 00-0551	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W).....	106.80		19.37
26 09 23 00-0552	EA	120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW).....	103.14		19.37
26 09 23 00-0553	EA	480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W).....	113.70		19.37
26 09 23 00-0554		Wireless Enabled Communication Devices For Streetlights ^(26 09 23) Note: Includes testing of new devices and certification.			
26 09 23 00-0555		Wireless Enabled Communication Devices For Streetlights (Roam®) ^(26 09 23 00-0554)			
26 09 23 00-0556		Wireless Enabled Communication Nodes For Streetlights (Roam®) ^(26 09 23 00-0555) Note: 2.4GHz wireless enabled communication node for wireless remote on/off, group scheduling, photocontrol and diagnostics.			
26 09 23 00-0557	EA	120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1).....	178.93		
26 09 23 00-0558	EA	480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1).....	247.94		
26 09 23 00-0559		Wireless Enabled Communication Devices For Streetlights (Roam®) ^(26 09 23 00-0555)			
26 09 23 00-0560	EA	Retrofit Receptacle Kit (Roam® DUR103)..... Note: For adapting light fixtures for use with a NEMA locking type photocontrol.	35.72		
26 09 23 00-0561	EA	Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127).....	6,996.31		47.26
26 09 23 00-0562		Consoles ^(26 09 23)			
26 09 23 00-0563	EA	20" x 24" Type 12, Oil Tight Consoles, Counter Mounted (Schaefer's SPCL-20C24).....	399.32		107.46
26 09 23 00-0564		Emergency Lighting Controls ^(26 09 23)			
26 09 23 00-0565		Emergency Lighting Control Units (Watt Stopper ELCU) ^(26 09 23 00-0564) Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.			
26 09 23 00-0566	EA	DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100).....	145.95		21.53
26 09 23 00-0567	EA	1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200).....	142.80		21.53
26 09 23 00-0568		Emergency Shunt Relays (Lighting Control & Design GR 2001™) ^(26 09 23 00-0564) Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.			
26 09 23 00-0569	EA	1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	216.15		30.13
26 09 23 00-0570	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	291.49		34.44
26 09 23 00-0571	EA	2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual)..... Note: Controls normal and emergency lighting from single-pole wall switch.	389.23		38.75
26 09 23 00-0572		Photocells ^(26 09 23)			
26 09 23 00-0573	EA	Plug-In Photocell For Lighting Fixtures.....	60.47		
26 09 23 00-0574	EA	Wired Photocell For Lighting Fixtures.....	148.61		

26 10 Medium-Voltage Electrical Distribution ⁽²⁶⁾**26 11 Substations** ^(26 10)**26 11 13 Primary Unit Substations** ^(26 11)**26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section** ^(26 11 13)**26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard"** ^(26 11 13 00-0001)

Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment

26 11 13 00-0003	EA	14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation.....	29,666.91		1,484.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	905.95		
26 11 13 00-0004	EA	23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation.....	36,417.48		1,877.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,132.43		
26 11 13 00-0005	EA	34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation.....	41,080.71		1,877.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,132.43		
26 11 13 00-0006	EA	46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation.....	47,128.41		1,877.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,207.93		
26 11 13 00-0007	EA	69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amp, "Switchyard" Substation.....	53,494.79		2,313.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,393.76		

26 11 13 00-0008 Accessories For Outdoor Oil Circuit Breakers ^(26 11 13 00-0001)

26 11 13 00-0009	EA	Reclosure Relay, Adjustable, 3 Shot, #179.....	893.67		157.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.08		
26 11 13 00-0010	EA	Overcurrent Relay, 1 Phase, #51/51N.....	321.36		113.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.08		
26 11 13 00-0011	EA	Directional Overcurrent Relay, Three-Phase, Device No. 67.....	463.15		113.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.35		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0012	EA		Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	367.36 62.08	113.96
26 11 13 00-0013	EA		Differential Relay Package, Complete, Device No. 87..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,374.63 232.54	385.11
26 11 13 00-0014			"Switchyard", Substation Transformer Section <small>(26 11 13)</small> Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015			14.4 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0016	EA		1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	17,534.74 1,741.79 1,741.79 435.45 145.15 725.75 1,814.37 2,177.24	1,484.44
26 11 13 00-0017	EA		2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	20,161.52 1,966.41 1,966.41 491.60 163.87 819.34 2,048.34 2,458.01	1,859.92
26 11 13 00-0018	EA		5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	30,867.13 3,059.83 3,059.83 764.96 254.99 1,274.93 3,187.32 3,824.78	2,619.60
26 11 13 00-0019	EA		7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	44,361.02 4,511.96 4,511.96 1,127.99 376.00 1,879.99 4,699.96 5,639.96	3,134.79
26 11 13 00-0020	EA		10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	54,695.00 5,549.20 5,549.20 1,387.30 462.43 2,312.17 5,780.42 6,936.50	4,056.80
26 11 13 00-0021			23 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0022	EA		1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	19,741.56 1,916.01 479.00 159.67 798.34 1,995.85 2,395.02 1,277.34	2,008.36
26 11 13 00-0023	EA		2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	22,625.88 2,168.12 542.03 180.68 903.38 2,258.46 2,710.15 1,445.41	2,008.36
26 11 13 00-0024	EA		5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	35,860.02 3,578.45 894.61 298.20 1,491.02 3,727.55 4,473.06 2,385.63	2,968.88
26 11 13 00-0025	EA		7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air Cooling, Add</i>	48,212.28 4,771.28 1,192.82 397.61 1,988.03 4,970.08 5,964.09 3,180.85	4,056.80

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 11 13 00-0026	EA 10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	59,016.82 6,067.82 1,516.96 505.65 2,528.26 6,320.65 7,584.78 4,045.21	4,056.80
26 11 13 00-0027	34.5 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0028	EA 1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	24,726.77 2,420.23 605.06 201.69 1,008.43 2,521.07 3,025.28 1,613.48	2,401.30
26 11 13 00-0029	EA 2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	29,860.89 2,924.44 731.11 243.70 1,218.52 3,046.29 3,655.55 1,949.62	3,754.77
26 11 13 00-0030	EA 5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	41,259.80 4,045.23 1,011.31 337.10 1,685.51 4,213.78 5,056.54 2,696.82	3,754.77
26 11 13 00-0031	EA 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	52,534.07 5,289.89 1,322.47 440.82 2,204.12 5,510.30 6,612.36 3,526.59	3,964.60
26 11 13 00-0032	EA 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	89,475.08 9,438.84 2,359.71 786.57 3,932.85 9,832.12 11,798.54 6,292.56	5,070.99
26 11 13 00-0033	46 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0034	EA 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	37,395.99 3,828.65 957.16 319.05 1,595.27 3,988.18 4,785.81 2,552.43	2,794.24
26 11 13 00-0035	EA 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	42,211.29 4,340.60 1,085.15 361.72 1,808.58 4,521.46 5,425.75 2,893.73	2,794.24
26 11 13 00-0036	EA 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	58,188.35 6,076.65 1,519.16 506.39 2,531.94 6,329.85 7,595.82 4,051.10	3,754.77
26 11 13 00-0037	EA 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	71,666.56 7,301.81 1,825.45 608.48 3,042.42 7,606.06 9,127.27 4,867.88	5,070.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0038	EA		10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	100,306.39 10,738.59 2,684.65 894.88 4,474.41 11,186.03 13,423.24 7,159.06	5,070.99
26 11 13 00-0039			69 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0040	EA		1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	53,181.63 5,657.04 1,414.26 471.42 2,357.10 5,892.75 7,071.30 3,771.36	2,968.88
26 11 13 00-0041	EA		2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	61,294.54 6,449.40 1,612.35 537.45 2,687.25 6,718.12 8,061.75 4,299.60	3,754.77
26 11 13 00-0042	EA		5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	83,252.12 9,084.31 2,271.08 757.03 3,785.13 9,462.82 11,355.38 6,056.20	3,754.77
26 11 13 00-0043	EA		7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	89,160.83 9,401.13 2,350.28 783.43 3,917.14 9,792.84 11,751.41 6,267.42	5,070.99
26 11 13 00-0044	EA		10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled For 50 Hz Operation, Add For External Control Panel, Add For Internally Mounted Current Transformers And Linear Couplers, Add For Lightning Arrester On 15 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 34.5 kv Transformer Station Type And Mounting, Add For Lightning Arrester On 69 kv Transformer Station Type And Mounting, Add For Forced Air Cooling, Add	115,607.73 12,574.75 3,143.69 1,047.90 5,239.48 13,098.70 15,718.44 8,383.17	5,070.99
26 11 13 00-0045			Circuit Breakers Fluarc SF6 13.8 KV <small>(26 11 13)</small>		
26 11 13 00-0046	EA		1,200 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	31,150.80	716.38
26 11 13 00-0047	EA		1,200 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	34,149.45	716.38
26 11 13 00-0048	EA		1,200 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	38,935.43	889.87
26 11 13 00-0049	EA		2,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	36,585.83	1,070.02
26 11 13 00-0050	EA		2,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	41,115.92	1,070.02
26 11 13 00-0051	EA		2,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	46,923.85	1,243.13
26 11 13 00-0052	EA		3,000 Amp, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	48,477.08	1,420.27
26 11 13 00-0053	EA		3,000 Amp, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	54,117.30	1,420.27
26 11 13 00-0054	EA		3,000 Amp, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section.....	56,801.69	1,594.98
26 11 16			Secondary Unit Substations <small>(26 11)</small>		
26 11 16 00-0001			Substation Primary Incoming Section <small>(26 11 16)</small>		
26 11 16 00-0002			Manual Transferring Fused Load Break Switches <small>(26 11 16 00-0001)</small> Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.		
26 11 16 00-0003	EA		112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position.....	21,175.70	1,051.99
26 11 16 00-0004	EA		2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position.....	24,364.72	1,051.99
26 11 16 00-0005			Automatic Transferring Fused Load Break Switches <small>(26 11 16 00-0001)</small> Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 00-0006	EA		112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch.....	29,878.06	1,051.99
26 11 16 00-0007	EA		2,000 And 2,500 KVA Transformers Load Switch, 600 Amp, 3 Pole, 2 Position Selector Switch.....	31,953.50	1,051.99
26 11 16 00-0008			Accessories For Substation Fused Load Break Switches <small>(26 11 16 00-0001)</small>		
26 11 16 00-0009	EA		Primary Lightning Arrestors Accessories, Secondary Distribution Section.....	5,127.58	
26 11 16 00-0010	EA		Key Interlock Accessories, Secondary Distribution Section.....	499.10	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 11 16 00-0011	Oil Filled Substation Transformers <small>(26 11 16)</small> Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 00-0012	Substation, Primary 13.8 KV Secondary 480Y/277 V Or 480 V 60 HZ <small>(26 11 16 00-0011)</small>		
26 11 16 00-0013	EA 75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	9,700.04	611.24
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	593.43	
	For Control Power Transformer On Fans And Auxiliary, Add	254.33	
	For Internal Mounted Current Transformer And Linear Coupler, Add	84.78	
26 11 16 00-0014	EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	13,972.17	654.90
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	886.37	
	For Control Power Transformer On Fans And Auxiliary, Add	379.87	
	For Internal Mounted Current Transformer And Linear Coupler, Add	126.62	
26 11 16 00-0015	EA 150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	15,748.43	698.56
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,004.59	
	For Control Power Transformer On Fans And Auxiliary, Add	430.54	
	For Internal Mounted Current Transformer And Linear Coupler, Add	143.51	
26 11 16 00-0016	EA 225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	18,395.85	742.22
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,183.80	
	For Control Power Transformer On Fans And Auxiliary, Add	507.34	
	For Internal Mounted Current Transformer And Linear Coupler, Add	169.11	
26 11 16 00-0017	EA 300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	20,261.59	785.88
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,308.29	
	For Control Power Transformer On Fans And Auxiliary, Add	560.69	
	For Internal Mounted Current Transformer And Linear Coupler, Add	186.90	
26 11 16 00-0018	EA 500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	21,388.47	829.55
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,381.06	
	For Control Power Transformer On Fans And Auxiliary, Add	591.88	
	For Internal Mounted Current Transformer And Linear Coupler, Add	197.29	
26 11 16 00-0019	EA 750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	24,757.48	1,877.38
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,610.77	
	For Control Power Transformer On Fans And Auxiliary, Add	690.33	
	For Internal Mounted Current Transformer And Linear Coupler, Add	230.11	
26 11 16 00-0020	EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	26,430.83	982.35
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,712.63	
	For Control Power Transformer On Fans And Auxiliary, Add	733.98	
	For Internal Mounted Current Transformer And Linear Coupler, Add	244.66	
26 11 16 00-0021	EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	29,481.37	1,047.84
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,917.00	
	For Control Power Transformer On Fans And Auxiliary, Add	821.57	
	For Internal Mounted Current Transformer And Linear Coupler, Add	273.86	
26 11 16 00-0022	EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	34,080.85	1,135.16
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,226.74	
	For Control Power Transformer On Fans And Auxiliary, Add	954.32	
	For Internal Mounted Current Transformer And Linear Coupler, Add	318.11	
26 11 16 00-0023	EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	37,401.06	1,222.48
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,446.93	
	For Control Power Transformer On Fans And Auxiliary, Add	1,048.68	
	For Internal Mounted Current Transformer And Linear Coupler, Add	349.56	
26 11 16 00-0024	Substation, Primary 13.8 KV Secondary 208Y/120 V 60 HZ <small>(26 11 16 00-0011)</small>		
26 11 16 00-0025	EA 75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	9,277.11	611.24
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	563.82	
	For Control Power Transformer On Fans And Auxiliary, Add	241.64	
	For Internal Mounted Current Transformer And Linear Coupler, Add	80.55	
26 11 16 00-0026	EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	13,835.02	654.90
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	876.77	
	For Control Power Transformer On Fans And Auxiliary, Add	375.76	
	For Internal Mounted Current Transformer And Linear Coupler, Add	125.25	
26 11 16 00-0027	EA 150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	15,739.07	698.56
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,003.94	
	For Control Power Transformer On Fans And Auxiliary, Add	430.26	
	For Internal Mounted Current Transformer And Linear Coupler, Add	143.42	
26 11 16 00-0028	EA 225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	18,411.95	742.22
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,184.93	
	For Control Power Transformer On Fans And Auxiliary, Add	507.83	
	For Internal Mounted Current Transformer And Linear Coupler, Add	169.28	
26 11 16 00-0029	EA 300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	21,905.01	785.88
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,423.33	
	For Control Power Transformer On Fans And Auxiliary, Add	610.00	
	For Internal Mounted Current Transformer And Linear Coupler, Add	203.33	
26 11 16 00-0030	EA 500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	23,434.83	829.55
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,524.30	
	For Control Power Transformer On Fans And Auxiliary, Add	653.27	
	For Internal Mounted Current Transformer And Linear Coupler, Add	217.76	
26 11 16 00-0031	EA 750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	25,702.41	873.20
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,676.92	
	For Control Power Transformer On Fans And Auxiliary, Add	718.68	
	For Internal Mounted Current Transformer And Linear Coupler, Add	239.56	
26 11 16 00-0032	EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	28,058.56	982.35
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	1,826.57	
	For Control Power Transformer On Fans And Auxiliary, Add	782.82	
	For Internal Mounted Current Transformer And Linear Coupler, Add	260.94	
26 11 16 00-0033	EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof.....	31,586.27	1,047.84
	For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add	2,064.34	
	For Control Power Transformer On Fans And Auxiliary, Add	884.72	
	For Internal Mounted Current Transformer And Linear Coupler, Add	294.91	

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

26 11 16 00-0034	Accessories For Oil Filled Substation Transformers (26 11 16 00-0011)		
26 11 16 00-0035	EA Sudden Pressure Relay.....	2,569.52	
26 11 16 00-0036	EA Throats Or Flanges (HV Or LV).....	5,101.36	
26 11 16 00-0037	EA Lightning Arrestors (3 - 1 Pole).....	3,359.05	
26 11 16 00-0038	EA Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X).....	18,641.04	
26 11 16 00-0039	EA Oil Fuse Cutout, 15 KV, 200 Amp, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	17,440.55	
26 11 16 00-0040	Reinforced Concrete Curb With 6" Slab (26 11 16 00-0011)		
	Note: For transformer liquid containment area.		
26 11 16 00-0041	EA 112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0042	EA 150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0043	EA 225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0044	EA 300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0045	EA 500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0046	EA 750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0047	EA 1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	3,248.45	968.79
26 11 16 00-0048	EA 1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid	3,785.72	1,117.03
26 11 16 00-0049	Dry Type Substation Transformer (26 11 16)		
	Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 00-0050	Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 V (26 11 16 00-0049)		
	Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 00-0051	EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,699.81	698.56
	For Gas Filled Transformers, Add	9,181.61	
	For Single Phase Transformers, Deduct	-382.57	
	For Dry Type Unit, Add	3,506.30	
26 11 16 00-0052	EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,787.13	742.22
	For Gas Filled Transformers, Add	9,181.61	
	For Single Phase Transformers, Deduct	-382.57	
	For Dry Type Unit, Add	3,515.04	
26 11 16 00-0053	EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	17,248.43	873.20
	For Gas Filled Transformers, Add	9,301.21	
	For Single Phase Transformers, Deduct	-387.55	
	For Dry Type Unit, Add	3,585.09	
26 11 16 00-0054	EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	19,034.95	960.52
	For Gas Filled Transformers, Add	10,268.34	
	For Single Phase Transformers, Deduct	-427.85	
	For Dry Type Unit, Add	3,957.16	
26 11 16 00-0055	EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,186.02	1,135.16
	For Gas Filled Transformers, Add	11,349.41	
	For Single Phase Transformers, Deduct	-472.89	
	For Dry Type Unit, Add	4,388.48	
26 11 16 00-0056	EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,540.90	1,309.80
	For Gas Filled Transformers, Add	13,152.78	
	For Single Phase Transformers, Deduct	-548.03	
	For Dry Type Unit, Add	5,084.65	
26 11 16 00-0057	EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	28,536.57	1,571.77
	For Gas Filled Transformers, Add	15,235.83	
	For Single Phase Transformers, Deduct	-634.83	
	For Dry Type Unit, Add	5,900.82	
26 11 16 00-0058	EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,635.17	1,746.41
	For Gas Filled Transformers, Add	18,085.42	
	For Single Phase Transformers, Deduct	-753.56	
	For Dry Type Unit, Add	6,980.60	
26 11 16 00-0059	EA 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	43,219.01	1,833.72
	For Gas Filled Transformers, Add	23,730.94	
	For Single Phase Transformers, Deduct	-988.79	
	For Dry Type Unit, Add	9,068.09	
26 11 16 00-0060	Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 V (26 11 16 00-0049)		
	Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 00-0061	EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,156.76	698.56
	For Gas Filled Transformers, Add	8,855.78	
	For Single Phase Transformers, Deduct	-368.99	
	For Dry Type Unit, Add	3,386.83	
26 11 16 00-0062	EA 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	16,787.13	742.22
	For Gas Filled Transformers, Add	9,181.61	
	For Single Phase Transformers, Deduct	-382.57	
	For Dry Type Unit, Add	3,515.04	
26 11 16 00-0063	EA 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	17,248.43	873.20
	For Gas Filled Transformers, Add	9,301.21	
	For Single Phase Transformers, Deduct	-387.55	
	For Dry Type Unit, Add	3,585.09	
26 11 16 00-0064	EA 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	19,034.95	960.52
	For Gas Filled Transformers, Add	10,268.34	
	For Single Phase Transformers, Deduct	-427.85	
	For Dry Type Unit, Add	3,957.16	
26 11 16 00-0065	EA 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	21,186.02	1,135.16
	For Gas Filled Transformers, Add	11,349.41	
	For Single Phase Transformers, Deduct	-472.89	
	For Dry Type Unit, Add	4,388.48	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 11 Substations

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0066	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	24,540.90	1,309.80
			<i>For Gas Filled Transformers, Add</i>	13,152.78	
			<i>For Single Phase Transformers, Deduct</i>	-548.03	
			<i>For Dry Type Unit, Add</i>	5,084.65	
26 11 16 00-0067	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	28,536.57	1,571.77
			<i>For Gas Filled Transformers, Add</i>	15,235.83	
			<i>For Single Phase Transformers, Deduct</i>	-634.83	
			<i>For Dry Type Unit, Add</i>	5,900.82	
26 11 16 00-0068	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	33,635.17	1,746.41
			<i>For Gas Filled Transformers, Add</i>	18,085.42	
			<i>For Single Phase Transformers, Deduct</i>	-753.56	
			<i>For Dry Type Unit, Add</i>	6,980.60	
26 11 16 00-0069	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	43,219.01	1,833.72
			<i>For Gas Filled Transformers, Add</i>	23,730.94	
			<i>For Single Phase Transformers, Deduct</i>	-988.79	
			<i>For Dry Type Unit, Add</i>	9,068.09	
26 11 16 00-0070	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	47,358.22	1,921.05
			<i>For Gas Filled Transformers, Add</i>	26,109.68	
			<i>For Single Phase Transformers, Deduct</i>	-1,087.90	
			<i>For Dry Type Unit, Add</i>	9,957.76	
26 11 16 00-0071	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	52,738.91	2,008.36
			<i>For Gas Filled Transformers, Add</i>	29,233.31	
			<i>For Single Phase Transformers, Deduct</i>	-1,218.05	
			<i>For Dry Type Unit, Add</i>	11,120.55	
26 11 16 00-0072	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	60,597.86	2,095.69
			<i>For Gas Filled Transformers, Add</i>	33,843.90	
			<i>For Single Phase Transformers, Deduct</i>	-1,410.16	
			<i>For Dry Type Unit, Add</i>	12,828.57	
26 11 16 00-0073			Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 V Or 240 V <small>(26 11 16 00-0049)</small>		
26 11 16 00-0074	EA		112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	17,998.23	785.88
			<i>For Gas Filled Transformers, Add</i>	9,855.88	
			<i>For Single Phase Transformers, Deduct</i>	-410.66	
			<i>For Dry Type Unit, Add</i>	3,771.00	
26 11 16 00-0075	EA		150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	18,625.45	829.55
			<i>For Gas Filled Transformers, Add</i>	10,179.82	
			<i>For Single Phase Transformers, Deduct</i>	-424.16	
			<i>For Dry Type Unit, Add</i>	3,898.51	
26 11 16 00-0076	EA		225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	19,993.92	960.52
			<i>For Gas Filled Transformers, Add</i>	10,843.72	
			<i>For Single Phase Transformers, Deduct</i>	-451.82	
			<i>For Dry Type Unit, Add</i>	4,168.14	
26 11 16 00-0077	EA		300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	21,141.65	1,047.84
			<i>For Gas Filled Transformers, Add</i>	11,427.58	
			<i>For Single Phase Transformers, Deduct</i>	-476.15	
			<i>For Dry Type Unit, Add</i>	4,399.68	
26 11 16 00-0078	EA		500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	24,133.97	1,222.48
			<i>For Gas Filled Transformers, Add</i>	13,013.41	
			<i>For Single Phase Transformers, Deduct</i>	-542.23	
			<i>For Dry Type Unit, Add</i>	5,016.08	
26 11 16 00-0079	EA		750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	26,785.72	1,397.12
			<i>For Gas Filled Transformers, Add</i>	14,394.89	
			<i>For Single Phase Transformers, Deduct</i>	-599.79	
			<i>For Dry Type Unit, Add</i>	5,557.55	
26 11 16 00-0080	EA		1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	31,304.03	1,659.08
			<i>For Gas Filled Transformers, Add</i>	16,791.52	
			<i>For Single Phase Transformers, Deduct</i>	-699.65	
			<i>For Dry Type Unit, Add</i>	6,488.71	
26 11 16 00-0081	EA		1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	37,766.54	1,833.72
			<i>For Gas Filled Transformers, Add</i>	20,459.46	
			<i>For Single Phase Transformers, Deduct</i>	-852.48	
			<i>For Dry Type Unit, Add</i>	7,868.55	
26 11 16 00-0082	EA		2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer	45,368.09	1,921.05
			<i>For Gas Filled Transformers, Add</i>	24,915.61	
			<i>For Single Phase Transformers, Deduct</i>	-1,038.15	
			<i>For Dry Type Unit, Add</i>	9,519.93	
26 11 16 00-0083			Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 V Or 480 V <small>(26 11 16 00-0049)</small>		
26 11 16 00-0084	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	17,998.23	785.88
			<i>For Gas Filled Transformers, Add</i>	9,855.88	
			<i>For Single Phase Transformers, Deduct</i>	-410.66	
			<i>For Dry Type Unit, Add</i>	3,771.00	
26 11 16 00-0085	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	18,625.45	829.55
			<i>For Gas Filled Transformers, Add</i>	10,179.82	
			<i>For Single Phase Transformers, Deduct</i>	-424.16	
			<i>For Dry Type Unit, Add</i>	3,898.51	
26 11 16 00-0086	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	19,993.92	960.52
			<i>For Gas Filled Transformers, Add</i>	10,843.72	
			<i>For Single Phase Transformers, Deduct</i>	-451.82	
			<i>For Dry Type Unit, Add</i>	4,168.14	
26 11 16 00-0087	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	21,141.65	1,047.84
			<i>For Gas Filled Transformers, Add</i>	11,427.58	
			<i>For Single Phase Transformers, Deduct</i>	-476.15	
			<i>For Dry Type Unit, Add</i>	4,399.68	
26 11 16 00-0088	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer	24,133.97	1,222.48
			<i>For Gas Filled Transformers, Add</i>	13,013.41	
			<i>For Single Phase Transformers, Deduct</i>	-542.23	
			<i>For Dry Type Unit, Add</i>	5,016.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 00-0089	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	23,646.70 12,511.48 -521.31 4,866.97	1,397.12
26 11 16 00-0090	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	24,855.28 12,922.27 -538.43 5,069.98	1,659.08
26 11 16 00-0091	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	30,378.12 16,026.41 -667.77 6,243.09	1,833.72
26 11 16 00-0092	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	35,791.71 19,169.78 -798.74 7,413.13	1,921.05
26 11 16 00-0093	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	39,882.85 21,519.68 -896.65 8,292.22	2,008.36
26 11 16 00-0094	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	46,582.57 25,434.73 -1,059.78 9,745.20	2,095.69
26 11 16 00-0095	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Gas Filled Transformers, Add</i> <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i>	56,770.09 31,442.45 -1,310.10 11,965.50	2,183.00
26 11 16 00-0096			Substation Secondary Distribution Section (26 11 16) Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 11 16 00-0097			Switchgear Compartment Complete With Air Circuit Breaker (26 11 16 00-0096) Note: With solid state long - time and instantaneous trips.		
26 11 16 00-0098	EA		800 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206.....	7,962.94	751.11
26 11 16 00-0099	EA		1,600 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416.....	12,760.41	1,135.60
26 11 16 00-0100	EA		2,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420.....	17,291.89	1,394.92
26 11 16 00-0101	EA		3,200 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632.....	28,276.99	1,618.46
26 11 16 00-0102	EA		4,000 Amp, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840.....	36,218.57	1,842.01
26 11 16 00-0103			Switchgear Compartment Without Circuit Breaker (26 11 16 00-0096)		
26 11 16 00-0104	EA		800 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	3,532.95	228.01
26 11 16 00-0105	EA		1,600 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	4,082.11	228.01
26 11 16 00-0106	EA		2,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	5,339.15	335.31
26 11 16 00-0107	EA		3,200 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	7,557.78	335.31
26 11 16 00-0108	EA		4,000 Amp, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	12,545.78	491.80
26 11 16 00-0109			Switchgear Compartment, Blank, Use As Filler Or Metering (26 11 16 00-0096) Note: No provisions for future breaker.		
26 11 16 00-0110	EA		600 Thru 2,000 Amp, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,263.98 145.72	254.85
26 11 16 00-0111	EA		3,000 Amp, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,820.87 171.06	254.85
26 11 16 00-0112	EA		4,000 Amp, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,705.98 245.90	393.44
26 11 16 00-0113			Accessories For Substation Secondary Distribution (26 11 16 00-0096)		
26 11 16 00-0114	EA		Short Time Delay Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,196.22 47.16	
26 11 16 00-0115	EA		Key Interlock Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	946.67 47.16	
26 11 16 00-0116	EA		Ammeter And Switch Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,844.23 47.16	78.59
26 11 16 00-0117	EA		Voltmeter And Switch Complete Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,844.23 47.16	78.59
26 11 16 00-0118	EA		Wattmeter - Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,738.87 47.16	78.59
26 11 16 00-0119	EA		Watt-hour Meter - Complete Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,821.84 47.16	78.59
26 11 16 00-0120	EA		Circuit Breaker Lifting Device Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,139.46 53.73	89.58
26 11 16 00-0121	EA		Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,478.12 796.01	1,326.68
26 11 16 00-0122	EA		Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800	1,328.06	78.59
26 11 16 00-0123	EA		Potential Transformers Each With Fuses Accessories, Secondary Distribution Section	1,547.27	78.59
26 11 16 00-0124	EA		Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	824.12 23.58	39.30
26 11 16 00-0125	EA		3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,038.23 47.16	78.59
26 11 16 00-0126	EA		3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section	786.45	39.30

26 12 Medium-Voltage Transformers (26 10)

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 12 Medium-Voltage Transformers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
						UNIT COST	UNIT COST
26 12 13	Liquid-Filled, Medium-Voltage Transformers				(26 12)		
26 12 13 00-0001	Single Phase Oil Filled Distribution Transformers				(26 12 13)		
Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.							
26 12 13 00-0002	Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA				(26 12 13 00-0001)		
26 12 13 00-0003	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				1,412.03	356.71
26 12 13 00-0004	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				1,721.48	445.89
26 12 13 00-0005	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				2,025.94	535.08
26 12 13 00-0006	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				2,588.08	668.84
26 12 13 00-0007	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				3,084.47	802.61
26 12 13 00-0008	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				4,008.35	936.38
26 12 13 00-0009	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				4,758.97	1,114.73
26 12 13 00-0010	Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA				(26 12 13 00-0001)		
26 12 13 00-0011	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,412.03	356.71
26 12 13 00-0012	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,740.67	445.89
26 12 13 00-0013	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				2,025.94	535.08
26 12 13 00-0014	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				2,588.08	668.84
26 12 13 00-0015	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				3,084.47	802.61
26 12 13 00-0016	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				3,811.17	936.38
26 12 13 00-0017	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				4,658.84	1,114.73
26 12 13 00-0018	Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN				(26 12 13 00-0001)		
26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,389.65	356.71
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,660.73	445.89
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,965.86	535.08
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				2,574.22	668.84
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				3,025.93	802.61
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				3,848.14	936.38
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				4,668.08	1,114.73
26 12 13 00-0026	Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN				(26 12 13 00-0001)		
26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				1,493.57	356.71
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				1,767.84	445.89
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				2,246.47	535.08
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				2,824.01	668.84
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				3,305.95	802.61
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				4,262.27	936.38
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				5,336.63	1,114.73
26 12 13 00-0034	Transformer Platforms				(26 12 13 00-0001)		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA				3,820.77	602.40
26 12 13 00-0036	Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN Auto FCAN				(26 12 13 00-0001)		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				2,301.75	713.43
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				2,567.67	802.61
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				2,960.75	891.79
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				3,982.28	1,248.50
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				4,553.43	1,426.86
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				5,959.28	1,783.57
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				7,038.21	1,961.93
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				9,176.62	2,497.00
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				10,991.20	2,853.71
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				13,368.97	3,567.14
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase				17,012.77	4,458.93
26 12 13 00-0048	Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL				(26 12 13 00-0001)		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				1,412.03	436.80
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				1,721.48	545.95
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				2,025.57	654.48
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				2,588.94	820.18
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				3,083.64	982.48
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				4,007.23	1,144.25
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase				4,758.97	1,364.97
26 12 13 00-0056	Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN				(26 12 13 00-0001)		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase				1,412.03	436.80

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

26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,740.67	545.95
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,025.57	654.48
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,588.94	820.18
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,083.64	982.48
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,810.05	1,144.25
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,658.84	1,364.97
26 12 13 00-0064		Primary 7.2 To 14.4 KV Ground Y <small>(26 12 13 00-0001)</small>		
26 12 13 00-0065		Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN <small>(26 12 13 00-0064)</small>		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,243.89	356.71
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,515.26	445.89
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,781.04	535.08
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,284.24	668.84
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,803.73	802.61
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,903.64	936.38
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,554.75	1,114.73
26 12 13 00-0073		Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN <small>(26 12 13 00-0064)</small>		
26 12 13 00-0074	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,193.02	356.71
26 12 13 00-0075	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,451.31	445.89
26 12 13 00-0076	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	1,751.97	535.08
26 12 13 00-0077	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,226.11	668.84
26 12 13 00-0078	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	2,723.80	802.61
26 12 13 00-0079	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	3,612.98	936.38
26 12 13 00-0080	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	4,264.09	1,114.73
26 12 13 00-0081		3 Phase Oil Filled Distribution Transformers <small>(26 12 13)</small>		
26 12 13 00-0082		Primary 4.16/4.8 KV Ground Y Secondary 120/240 V <small>(26 12 13 00-0081)</small> Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA	112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	6,484.79	1,961.93
26 12 13 00-0084	EA	150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	8,285.61	2,497.00
26 12 13 00-0085	EA	225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	9,765.06	2,675.36
26 12 13 00-0086	EA	300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	12,479.39	3,344.19
26 12 13 00-0087	EA	500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	17,705.84	4,458.93
26 12 13 00-0088	EA	750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	23,884.79	5,127.76
26 12 13 00-0089		Removal And Relocation Of Transformers <small>(26 12 13)</small>		
26 12 13 00-0090	EA	Remove And Relocate Oil Filled Transformer, Up To 37.5 KVA.....	886.10	
26 12 13 00-0091	EA	Remove And Relocate Oil Filled Transformers, >37.5 To 100 KVA.....	1,630.68	
26 12 16		Dry-Type, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 16 00-0001		Removal and Relocation of Transformers <small>(26 12 16)</small>		
26 12 16 00-0002	EA	Remove And Relocate "Dry Type" Transformer Up To 37.5 KVA.....	362.38	
26 12 16 00-0003	EA	Remove And Relocate "Dry Type" Transformer, >37.5 To 112.5 KVA.....	1,610.57	
26 12 19		Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 19 00-0001		Single Phase Pad Mounted Distribution Transformers <small>(26 12 19)</small> Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002		Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled <small>(26 12 19 00-0001)</small> Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003		Primary, 4.16/4.8 KV Ground Y Or Delta <small>(26 12 19 00-0002)</small> Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	2,605.72	436.60
26 12 19 00-0005	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	2,919.20	436.60
26 12 19 00-0006	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	3,476.63	598.14
26 12 19 00-0007	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	4,207.01	598.14
26 12 19 00-0008	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	4,754.10	785.88
26 12 19 00-0009	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	6,137.60	785.88
26 12 19 00-0010		Factory Modifications Material Cost Only <small>(26 12 19 00-0002)</small>		
26 12 19 00-0011	EA	Loadbreaker Current Limiting Fuse Factory Modifications.....	433.22	
26 12 19 00-0012	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications.....	455.20	
26 12 19 00-0013	EA	Loadbreaker Inserts, Factory Modifications.....	500.72	

26 Electrical
26 10 Medium-Voltage Electrical Distribution
26 12 Medium-Voltage Transformers

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 12 19 00-0014		Distribution - Single Phase Multiple Building Transformer <small>(26 12 19 00-0001)</small> Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.			
26 12 19 00-0015		Primary, 4.16/4.8 KVA Ground Y Or Delta <small>(26 12 19 00-0014)</small> Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.			
26 12 19 00-0016	EA	25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,141.50		436.60
26 12 19 00-0017	EA	37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,602.68		436.60
26 12 19 00-0018	EA	50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,939.68		598.14
26 12 19 00-0019	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,808.18		598.14
26 12 19 00-0020	EA	100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,378.83		785.88
26 12 19 00-0021	EA	167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	6,508.04		785.88
26 12 19 00-0022	EA	250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	10,019.76		1,091.50
26 12 19 00-0023		Factory Modifications Material Cost Only <small>(26 12 19 00-0014)</small>			
26 12 19 00-0024	EA	Loadbreaker Current Limiting Fuse Factory Modifications	577.63		
26 12 19 00-0025	EA	Lightning Arrestors, Factory Modifications	146.36		
26 12 19 00-0026	EA	Loadbreaker Oil Switch, 2 Position Factory Modifications	455.20		
26 12 19 00-0027	EA	Loop Feed Air Switch, Factory Modifications	740.87		
26 12 19 00-0028	EA	Loadbreaker Inserts (Two), Factory Modifications	197.78		
26 12 19 00-0029	EA	Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	171.09		
26 12 19 00-0030		Primary, 12.47 KV Ground Y Or Delta <small>(26 12 19 00-0014)</small> Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.			
26 12 19 00-0031	EA	25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,354.39		436.60
26 12 19 00-0032	EA	37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,673.48		436.60
26 12 19 00-0033	EA	50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	3,911.83		598.14
26 12 19 00-0034	EA	75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	4,637.80		598.14
26 12 19 00-0035	EA	100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	5,732.08		785.88
26 12 19 00-0036	EA	167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	7,130.67		785.97
26 12 19 00-0037	EA	250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	9,025.97		1,091.50
26 12 19 00-0038		Oil Filled Distribution Transformer Single Phase Cluster Mounted <small>(26 12 19 00-0001)</small> Note: Conventional type.			
26 12 19 00-0039		13.8/14.4 KV Ground Y Or Delta Primary 120/240V <small>(26 12 19 00-0038)</small> Note: 2.5 Taps FCBN and FCAN.			
26 12 19 00-0040	EA	10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,290.74		300.56
26 12 19 00-0041	EA	37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,907.54		422.67
26 12 19 00-0042	EA	50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,393.30		676.27
26 12 19 00-0043	EA	100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,476.76		676.27
26 12 19 00-0044	EA	167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,186.37		1,108.34
26 12 19 00-0045	EA	250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,348.81		1,108.34
26 12 19 00-0046		Oil Filled Distribution Transformer Single Phase <small>(26 12 19 00-0001)</small>			
26 12 19 00-0047		7.2 KV Primary, 120/240 V Secondary <small>(26 12 19 00-0046)</small>			
26 12 19 00-0048	EA	10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,234.06		319.35
26 12 19 00-0049	EA	15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,445.20		319.35
26 12 19 00-0050	EA	25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,855.03		450.85
26 12 19 00-0051	EA	37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,730.93		450.85
26 12 19 00-0052	EA	50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,303.59		610.53
26 12 19 00-0053	EA	100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,332.00		939.27
26 12 19 00-0054	EA	167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,073.01		939.27
26 12 19 00-0055	EA	250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,173.82		1,174.08
26 12 19 00-0056		7.2 KV Primary, 240/480 V Secondary <small>(26 12 19 00-0046)</small>			
26 12 19 00-0057	EA	10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,234.06		319.35
26 12 19 00-0058	EA	15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,445.25		319.35
26 12 19 00-0059	EA	25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,855.03		450.85
26 12 19 00-0060	EA	37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,730.93		450.85
26 12 19 00-0061	EA	50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,303.59		610.53
26 12 19 00-0062	EA	75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,487.00		826.56
26 12 19 00-0063	EA	100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,332.00		826.56
26 12 19 00-0064	EA	167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,073.01		1,042.59
26 12 19 00-0065	EA	250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,173.82		1,174.08

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

26 12 19 00-0066 2.4 KV Primary, 277 V Secondary (26 12 19 00-0046)

26 12 19 00-0067 EA	10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,411.93	319.35
26 12 19 00-0068 EA	15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,639.04	319.35
26 12 19 00-0069 EA	25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,084.86	450.85
26 12 19 00-0070 EA	37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,024.52	450.85
26 12 19 00-0071 EA	50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,639.80	610.53
26 12 19 00-0072 EA	75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,887.32	826.56
26 12 19 00-0073 EA	100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,953.59	826.56
26 12 19 00-0074 EA	167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	10,945.47	1,042.59
26 12 19 00-0075 EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,356.55	1,174.08

26 12 19 00-0076 2.4 KV Primary, 120/240 V Secondary (26 12 19 00-0046)

26 12 19 00-0077 EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,234.06	319.35
26 12 19 00-0078 EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,445.20	319.35
26 12 19 00-0079 EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,855.03	613.44
26 12 19 00-0080 EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,730.93	826.56
26 12 19 00-0081 EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,303.59	610.53
26 12 19 00-0082 EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,356.75	826.56
26 12 19 00-0083 EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,330.83	826.56

26 12 19 00-0084 2.4 KV Primary, 240/480 V Secondary (26 12 19 00-0046)

26 12 19 00-0085 EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,234.06	319.35
26 12 19 00-0086 EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,445.20	319.35
26 12 19 00-0087 EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	2,855.03	450.85
26 12 19 00-0088 EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	3,730.93	450.85
26 12 19 00-0089 EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	4,303.59	610.53
26 12 19 00-0090 EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	6,356.75	826.56
26 12 19 00-0091 EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	7,330.83	826.56

26 12 19 00-0092 2.4 KV x 7.2 KV Primary, 120/240 V Secondary (26 12 19 00-0046)

26 12 19 00-0093 EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	1,957.47	328.74
26 12 19 00-0094 EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	2,132.72	366.31
26 12 19 00-0095 EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	2,553.60	403.89
26 12 19 00-0096 EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	3,305.09	563.57
26 12 19 00-0097 EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	3,714.37	657.49
26 12 19 00-0098 EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	4,976.61	770.20
26 12 19 00-0099 EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	5,932.68	882.91
26 12 19 00-0100 EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	8,990.82	1,127.13
26 12 19 00-0101 EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	12,081.17	1,268.01

26 13 Medium-Voltage Switchgear (26 10)

26 13 16 Medium-Voltage Fusible Interrupter Switchgear (26 13)

26 13 16 00-0001 "Switchyard", Substation Secondary Distribution Section (26 13 16)
 Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.

26 13 16 00-0002 4.16 Or 4.8 KV Switchgear Sections (26 13 16 00-0001)
 Note: Includes air circuit breaker.

26 13 16 00-0003 EA	1,200 Amp, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	7,335.53	976.84
<i>For Weatherproofing, Add</i>		<i>1,476.84</i>	
26 13 16 00-0004 EA	1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	7,664.26	976.84
<i>For Weatherproofing, Add</i>		<i>1,549.16</i>	
26 13 16 00-0005 EA	1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	10,328.25	1,244.53
<i>For Weatherproofing, Add</i>		<i>2,107.43</i>	
26 13 16 00-0006 EA	2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	13,873.72	1,244.53
<i>For Weatherproofing, Add</i>		<i>2,866.49</i>	
26 13 16 00-0007 EA	2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,599.13	1,502.84
<i>For Weatherproofing, Add</i>		<i>4,101.08</i>	
26 13 16 00-0008 EA	3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	18,036.21	1,502.84
<i>For Weatherproofing, Add</i>		<i>3,746.59</i>	

26 13 16 00-0009 7.2 KV Switchgear Sections (26 13 16 00-0001)
 Note: Includes air circuit breaker.

26 13 16 00-0010 EA	1,200 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	10,671.23	1,127.13
<i>For Weatherproofing, Add</i>		<i>2,196.52</i>	
26 13 16 00-0011 EA	2,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	13,165.17	1,408.91
<i>For Weatherproofing, Add</i>		<i>2,698.89</i>	
26 13 16 00-0012 EA	3,000 Amp, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	18,268.70	1,690.69
<i>For Weatherproofing, Add</i>		<i>3,788.42</i>	

26 13 16 00-0013 13.8 KV Switchgear Sections (26 13 16 00-0001)
 Note: Includes air circuit breaker.

26 13 16 00-0014 EA	1,200 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	10,383.24	1,127.13
<i>For Weatherproofing, Add</i>		<i>2,120.76</i>	
26 13 16 00-0015 EA	1,200 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,116.09	1,127.13
<i>For Weatherproofing, Add</i>		<i>2,914.96</i>	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 13 Medium-Voltage Switchgear**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0016	EA		1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	20,326.38 4,250.43	1,502.84
26 13 16 00-0017	EA		2,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	13,077.64 2,668.35	1,502.84
26 13 16 00-0018	EA		2,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	18,642.14 3,865.61	1,878.54
26 13 16 00-0019	EA		2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	25,748.14 5,400.54	1,878.54
26 13 16 00-0020	EA		3,000 Amp, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	18,034.43 3,724.06	1,878.54
26 13 16 00-0021	EA		3,000 Amp, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	24,660.59 5,154.76	1,878.54
26 13 16 00-0022	EA		3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	31,683.23 6,674.14	1,878.54
26 13 16 00-0023			4.16 Or 4.8 KV Switchgear Section <small>(26 13 16 00-0001)</small> Note: Excludes air circuit breaker element.		
26 13 16 00-0024	EA		1,200 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	3,421.22 666.38	615.23
26 13 16 00-0025	EA		1,200 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	4,312.44 862.45	615.23
26 13 16 00-0026	EA		2,000 Amp, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	4,784.15 938.37	817.16
26 13 16 00-0027	EA		2,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	5,928.12 1,162.79	1,009.72
26 13 16 00-0028	EA		3,000 Amp, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	7,731.87 1,559.62	1,009.72
26 13 16 00-0029			7.2 KV Switchgear Section <small>(26 13 16 00-0001)</small> Note: Excludes air circuit breaker element.		
26 13 16 00-0030	EA		1,200 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	4,271.74 841.50	939.27
26 13 16 00-0031	EA		2,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	5,575.54 1,100.66	939.27
26 13 16 00-0032	EA		3,000 Amp, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	8,303.04 1,673.41	939.27
26 13 16 00-0033			13.8 KV Switchgear Section <small>(26 13 16 00-0001)</small> Note: Excludes air circuit breaker element.		
26 13 16 00-0034	EA		1,200 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	4,457.04 869.30	798.38
26 13 16 00-0035	EA		1,200 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	4,714.96 926.04	798.38
26 13 16 00-0036	EA		1,200 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	6,647.84 1,323.81	986.24
26 13 16 00-0037	EA		2,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	6,148.07 1,186.54	1,183.48
26 13 16 00-0038	EA		2,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	7,363.53 1,453.94	1,183.48
26 13 16 00-0039	EA		2,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	8,482.64 1,672.23	1,380.73
26 13 16 00-0040	EA		3,000 Amp, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	8,154.16 1,572.54	1,577.98
26 13 16 00-0041	EA		3,000 Amp, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	8,987.03 1,755.77	1,577.98
26 13 16 00-0042	EA		3,000 Amp, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section..... <i>For Weatherproofing, Add</i>	10,948.23 2,159.56	1,765.83
26 13 16 00-0043			Accessories For Substation Secondary Distribution Sections <small>(26 13 16 00-0001)</small>		
26 13 16 00-0044	EA		1,200 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,322.15 357.14	595.21
26 13 16 00-0045	EA		2,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,841.32 396.32	660.50
26 13 16 00-0046	EA		3,000 Amp, Transformer Throat Connection Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,658.94 476.79	794.62
26 13 16 00-0047	EA		3-Phase Pothead Termination Accessories, Secondary Distribution Section	2,824.59	1,195.04
26 13 16 00-0048	EA		5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	2,404.49	78.59
26 13 16 00-0049	EA		5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	3,191.74	78.59
26 13 16 00-0050	EA		5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	5,795.45	78.59
26 13 16 00-0051	EA		15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	4,567.27	78.59
26 13 16 00-0052	EA		15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	4,980.52	78.59
26 13 16 00-0053	EA		15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section.....	6,758.09	78.59
26 13 16 00-0054	EA		6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,121.71	78.59
26 13 16 00-0055	EA		9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,260.08	78.59
26 13 16 00-0056	EA		15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	1,883.15	78.59
26 13 16 00-0057	EA		Overcurrent Phase Protection, Time And Instantaneous Device 67	1,226.80	78.59
26 13 16 00-0058	EA		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> AC Ammeter With Switch.....	47.16 516.22	78.59
26 13 16 00-0059	EA		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> AC Voltmeter With Switch And Potential Transformer	47.16 516.22	78.59
26 13 16 00-0060	EA		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> Indicating Wattmeter	47.16 734.63	78.59

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

26 13 16 00-0061	EA Indicating Varmeter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	855.80 47.16	78.59
26 13 16 00-0062	EA Indicating Watt-hour Meter, 2 Element <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	559.60 47.16	78.59
26 13 16 00-0063	EA Ground Protection, Time Or Instantaneous Device 67N <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,234.28 47.16	78.59
26 13 16 00-0064	EA Differential Generator Protection Single Phase NEMA Device 87	2,276.59	78.59
26 13 16 00-0065	EA Current Transformers 5 And 15 KV Single Secondary	369.24	78.59
26 13 16 00-0066	EA Potential Transformers 5 KV And 15 KV With Primary Fuses.....	1,539.08	78.59

26 13 19 Medium-Voltage Vacuum Interrupter Switchgear (26 13)

26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV (26 13 19)			
26 13 19 00-0002	EA 1,200 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	24,770.72	1,174.08
26 13 19 00-0003	EA 1,200 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	27,409.20	1,484.05
26 13 19 00-0004	EA 1,200 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	31,143.24	1,484.05
26 13 19 00-0005	EA 2,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	28,278.73	1,174.08
26 13 19 00-0006	EA 2,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	31,700.79	1,174.08
26 13 19 00-0007	EA 2,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	36,152.11	1,380.73
26 13 19 00-0008	EA 3,000 Amp, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	37,416.21	1,577.98
26 13 19 00-0009	EA 3,000 Amp, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	40,855.65	1,577.98
26 13 19 00-0010	EA 3,000 Amp, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	44,677.41	1,775.22

26 18 Medium-Voltage Circuit Protection Devices (26 18)

26 18 16 Medium-Voltage Fuses (26 18)

26 18 16 00-0001	Sectionalizing Switch (26 18 16)		
26 18 16 00-0002	Pad Mounted Metal Enclosed Oil Filled Switching Units (26 18 16 00-0001) Note: 15 KV - 25 KV.		
26 18 16 00-0003	Sectionalizing Tapping And Fusing Underground Feeders (26 18 16 00-0002) Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 16 00-0004	EA 3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	18,871.76	654.90
26 18 16 00-0005	EA 3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	21,186.31	654.90

26 20 Low-Voltage Electrical Distribution (26)

26 21 Low-Voltage Electrical Service Entrance (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance (26 21)

26 21 13 00-0001	Service Drop Cable And Weatherheads (26 21 13)		
26 21 13 00-0002	600 Volt Insulated Stranded Conductors (26 21 13 00-0001)		
26 21 13 00-0003	Aluminum Duplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0004	LF #6 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	5.77	2.24
26 21 13 00-0005	LF #4 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	6.90	2.64
26 21 13 00-0006	LF #2 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	7.93	2.99
26 21 13 00-0007	LF #1/0 AWG Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	10.28	3.76

26 21 13 00-0008	Aluminum Triplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0009	LF #6 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	6.94	2.64
26 21 13 00-0010	LF #4 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	7.88	2.99
26 21 13 00-0011	LF #2 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	9.97	3.76
26 21 13 00-0012	LF #1/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	12.33	4.58
26 21 13 00-0013	LF #2/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	16.19	6.06
26 21 13 00-0014	LF #4/0 AWG Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	20.37	7.51
26 21 13 00-0015	LF 336 MCM Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt.....	25.73	8.95

26 21 13 00-0016	Aluminum Quadruplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0017	LF #6 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	7.89	2.99
26 21 13 00-0018	LF #4 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	9.96	3.76
26 21 13 00-0019	LF #2 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	12.82	4.82
26 21 13 00-0020	LF #1/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	16.44	6.06
26 21 13 00-0021	LF #2/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	18.25	6.71
26 21 13 00-0022	LF #3/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	20.79	7.51
26 21 13 00-0023	LF #4/0 AWG Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	24.59	8.95
26 21 13 00-0024	LF 336 MCM Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable, 600 Volt	28.98	9.89

26 21 13 00-0025	Aluminum Triplex For Underground Service, Direct Burial (26 21 13 00-0002) Note: Excludes excavation and backfill.		
26 21 13 00-0026	MLF #6 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	2,467.51	834.92
26 21 13 00-0027	MLF #4 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	2,715.44	884.04
26 21 13 00-0028	MLF #2 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	3,049.00	939.27
26 21 13 00-0029	MLF #1/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	3,349.31	939.27
26 21 13 00-0030	MLF #2/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	3,661.87	1,001.92
26 21 13 00-0031	MLF #3/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	4,298.41	1,156.05

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 21 Low-Voltage Electrical Service Entrance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 21 13 00-0032	MLF	#4/0 AWG Aluminum Triplex URD With Neutral Cable, Stranded Cable, 600 Volt, Direct Burial.....	5,399.37	1,502.84
26 21 13 00-0033 Weather Proof Conduit Hubs <small>(26 21 13 00-0002)</small>				
26 21 13 00-0034	EA	1/2" Weatherproof Conduit Hubs	40.13	15.13
26 21 13 00-0035	EA	3/4" Weatherproof Conduit Hubs	45.80	17.20
26 21 13 00-0036	EA	1" Weatherproof Conduit Hubs	53.44	19.26
26 21 13 00-0037	EA	1-1/4" Weatherproof Conduit Hubs	74.91	25.80
26 21 13 00-0038	EA	1-1/2" Weatherproof Conduit Hubs	82.55	27.85
26 21 13 00-0039	EA	2" Weatherproof Conduit Hubs	107.90	32.32
26 21 13 00-0040	EA	2-1/2" Weatherproof Conduit Hubs	143.75	36.45
26 21 13 00-0041	EA	3" Weatherproof Conduit Hubs	187.02	42.98
26 21 13 00-0042	EA	4" Weatherproof Conduit Hubs	327.91	85.97
26 21 13 00-0043 Service Entrance Cap, Threaded Weatherhead, Galvanized <small>(26 21 13 00-0002)</small>				
26 21 13 00-0044	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....	43.86	15.13
26 21 13 00-0045	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....	50.27	17.20
26 21 13 00-0046	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	57.44	19.26
26 21 13 00-0047	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	77.17	25.80
26 21 13 00-0048	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	86.92	27.85
26 21 13 00-0049	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....	113.12	32.32
26 21 13 00-0050	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service.....	185.67	36.45
26 21 13 00-0051	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....	211.74	42.98
26 21 13 00-0052	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....	352.10	85.97
26 21 13 00-0053 Service Entrance Cap, Clamp-On Weatherhead, Aluminum <small>(26 21 13 00-0002)</small>				
26 21 13 00-0054	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....	42.28	15.13
26 21 13 00-0055	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....	47.77	17.20
26 21 13 00-0056	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service	54.10	19.17
26 21 13 00-0057	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	72.00	25.80
26 21 13 00-0058	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	79.92	27.85
26 21 13 00-0059	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....	94.04	32.32
26 21 13 00-0060	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service	148.04	36.45
26 21 13 00-0061	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....	189.72	42.98
26 21 13 00-0062	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service.....	268.60	64.48
26 21 13 00-0063	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....	325.17	85.97
26 21 13 00-0064 Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) <small>(26 21 13 00-0002)</small>				
26 21 13 00-0065	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 Thru #10 AWG Cable Service.....	43.08	15.13
26 21 13 00-0066	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #12 Thru #8 AWG Cable Service.....	49.43	17.20
26 21 13 00-0067	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service	56.44	19.17
26 21 13 00-0068	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	75.04	25.80
26 21 13 00-0069	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 Thru #2 AWG Cable Service.....	81.99	27.85
26 21 13 00-0070	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #1/0 Thru #2/0 AWG Cable Service.....	102.65	32.32
26 21 13 00-0071	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #3/0 Thru #4/0 Cable Service.....	191.68	36.45
26 21 13 00-0072	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 Thru 350 MCM Cable Service.....	212.36	42.98
26 21 13 00-0073	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 Thru 500 MCM Cable Service.....	375.60	64.48
26 21 13 00-0074	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 Thru 750 MCM Cable Service.....	524.01	85.97

26 22 Low-Voltage Transformers (26 20)**26 22 13 Low-Voltage Distribution Transformers** (26 22)**26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers** (26 22 13)

Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.

26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)

Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.

26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	597.24	220.84
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	766.84	265.00
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	890.79	276.48
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,015.72	287.08
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,310.46	309.17
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,512.14	331.25
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	42.48	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	63.72	
26 22 13 00-0009	EA	25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,644.46	353.33
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	46.89	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	70.33	
26 22 13 00-0010	EA	37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,669.21	397.50
		<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	43.71	
		<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	65.57	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 22 13 00-0011	EA		50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,947.08 53.19 79.78	441.66
	26 22 13 00-0012	EA		75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,501.92 72.10 108.14	529.99
	26 22 13 00-0013	EA		100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,101.57 93.25 139.87	618.34
	26 22 13 00-0014	EA		167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,683.30 154.67 232.00	795.00
	26 22 13 00-0015	EA		250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	7,811.63 293.42 440.12	971.67
	26 22 13 00-0016	EA		333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	11,675.96 473.38 710.07	1,104.16
	26 22 13 00-0017			240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers <small>(26 22 13 00-0001)</small> Note: 1-10 Percent x 2-5 percent FCBN taps.		
	26 22 13 00-0018	EA		3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	694.43	265.00
	26 22 13 00-0019	EA		5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	774.77	276.04
	26 22 13 00-0020	EA		7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	886.03	287.08
	26 22 13 00-0021	EA		10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,005.48	309.17
	26 22 13 00-0022			240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers <small>(26 22 13 00-0001)</small> Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.		
	26 22 13 00-0023	EA		15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,512.14	331.25
	26 22 13 00-0024	EA		25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	1,644.46	353.33
	26 22 13 00-0025			1 Phase Mounting Brackets <small>(26 22 13 00-0001)</small>		
	26 22 13 00-0026	EA		1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA.....	412.18	157.19
	26 22 13 00-0027			1 Phase Weathershields <small>(26 22 13 00-0001)</small> Note: Use with types DT-3 and DS-3.		
	26 22 13 00-0028	EA		37.5 KVA 1 Phase Weathershields, Set Of 2.....	30.61	
	26 22 13 00-0029	EA		50 KVA 1 Phase Weathershields, Set Of 2.....	39.01	
	26 22 13 00-0030	EA		75 KVA 1 Phase Weathershields, Set Of 2.....	46.52	
	26 22 13 00-0031	EA		100 KVA 1 Phase Weathershields, Set Of 2.....	55.50	
	26 22 13 00-0032	EA		167 KVA 1 Phase Weathershields, Set Of 2.....	75.09	
	26 22 13 00-0033	EA		250 KVA 1 Phase Weathershields, Set Of 2.....	89.78	
	26 22 13 00-0034	EA		333 KVA 1 Phase Weathershields, Set Of 2.....	110.18	
	26 22 13 00-0035			Packaged Power Supply <small>(26 22 13 00-0001)</small> Note: 2-5 Percent FCBN taps.		
	26 22 13 00-0036	EA		5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amp Breakers.....	1,002.05	276.04
	26 22 13 00-0037	EA		7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amp Breakers.....	1,100.31	287.08
	26 22 13 00-0038	EA		10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amp Breakers.....	1,189.85	309.17
	26 22 13 00-0039	EA		15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amp Breakers.....	1,404.26	331.25
	26 22 13 00-0040	EA		25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amp Breakers.....	1,813.06	353.33
	26 22 13 00-0041			240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade <small>(26 22 13 00-0001)</small>		
	26 22 13 00-0042	EA		0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	736.21	198.75
	26 22 13 00-0043	EA		1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	968.09	220.84
	26 22 13 00-0044	EA		2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,138.04	265.00
	26 22 13 00-0045	EA		5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,237.67	276.04
	26 22 13 00-0046	EA		7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,365.86	287.08
	26 22 13 00-0047	EA		10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,687.53	309.17
	26 22 13 00-0048	EA		15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	2,105.50	331.25
	26 22 13 00-0049			1 Phase, 208/600 Volt, Dry General Purpose Transformer <small>(26 22 13 00-0001)</small>		
	26 22 13 00-0050	EA		15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	2,499.17	331.25
	26 22 13 00-0051	EA		25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	2,604.22	353.33
	26 22 13 00-0052	EA		30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	2,715.73	375.42
	26 22 13 00-0053	EA		37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	3,464.36	397.50
	26 22 13 00-0054	EA		45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	3,607.96	419.58
	26 22 13 00-0055	EA		50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	4,667.67	441.66
	26 22 13 00-0056			3 Phase General Purpose "Dry Type" Transformer <small>(26 22 13 00-0001)</small> Note: 60 Hz type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
	26 22 13 00-0057			Packaged Power Supply <small>(26 22 13 00-0001)</small> Note: 2-5 Percent FCBN taps.		



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amp Breakers..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,055.94 107.84 161.76		949.59
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amp Breakers..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,704.37 133.64 200.45		1,015.83
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amp Breakers..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	5,487.71 163.97 245.95		1,104.16
26 22 13 00-0061 Drive Isolation Transformers (26 22 13 00-0056)					
Note: Only use in step-up applications.					
26 22 13 00-0062 230 Volt Drive Isolation Transformers (26 22 13 00-0061)					
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	2,615.57		353.33
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,016.75		375.42
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,132.33		397.50
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,640.14		419.58
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,801.78		463.75
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	4,177.65		507.91
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	4,698.22		552.08
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	5,439.09		618.34
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	5,853.61		640.42
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	6,669.91		662.50
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	8,221.20		684.58
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	9,310.10		839.16
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,324.80		883.33
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	11,731.74		927.49
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,279.60		1,104.16
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	18,736.72		1,302.91
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	19,845.25		1,435.41
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	23,988.40		1,589.99
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	29,385.77		1,766.66
26 22 13 00-0082 208V Drive Isolation Transformers (26 22 13 00-0061)					
26 22 13 00-0083	EA	7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	2,712.73		353.33
26 22 13 00-0084	EA	11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,132.09		375.42
26 22 13 00-0085	EA	15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,251.30		397.50
26 22 13 00-0086	EA	20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,782.71		419.58
26 22 13 00-0087	EA	27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	3,948.09		463.75
26 22 13 00-0088	EA	30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	4,294.42		485.83
26 22 13 00-0089	EA	45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	4,925.32		574.17
26 22 13 00-0090	EA	51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	5,652.99		618.34
26 22 13 00-0091	EA	63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	6,086.37		640.42
26 22 13 00-0092	EA	75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	6,941.97		662.50
26 22 13 00-0093	EA	93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	8,569.97		684.58
26 22 13 00-0094	EA	118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	9,698.55		839.16
26 22 13 00-0095	EA	145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,760.41		883.33
26 22 13 00-0096	EA	175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	12,234.47		927.49
26 22 13 00-0097	EA	220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,894.03		1,104.16
26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2 - 2.5 Percent FCBN Taps (26 22 13 00-0056)					
26 22 13 00-0099	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	1,972.57		364.37
26 22 13 00-0100	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,501.67 85.33 128.00		397.50
26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps (26 22 13 00-0056)					
26 22 13 00-0102	EA	30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	2,846.40 93.74 140.60 1,312.31 1,874.73 2,437.15		485.83
26 22 13 00-0103	EA	37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	3,377.27 115.86 173.80 1,622.09 2,317.27 3,012.45		529.99
26 22 13 00-0104	EA	45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	3,551.93 120.18 180.27 1,682.52 2,403.60 3,124.68		574.17
26 22 13 00-0105	EA	50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	4,521.84 164.26 246.39 2,299.63 3,285.18 4,270.73		618.34

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22	13 00	0106	EA	75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	4,514.42 159.47 239.21 2,232.59 3,189.42 4,146.25	662.50
26 22	13 00	0107	EA	112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	5,588.30 199.92 299.87 2,798.82 3,998.31 5,197.80	795.00
26 22	13 00	0108	EA	150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	7,099.02 266.62 399.93 3,732.65 5,332.36 6,932.07	883.33
26 22	13 00	0109	EA	225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	9,575.98 368.38 552.57 5,157.36 7,367.65 9,577.95	1,104.16
26 22	13 00	0110	EA	300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	11,696.83 447.93 671.89 6,270.96 8,958.51 11,646.06	1,369.17
26 22	13 00	0111	EA	500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	16,474.95 655.91 983.87 9,182.80 13,118.29 17,053.78	1,678.32
26 22	13 00	0112	EA	750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	36,061.84 1,599.93 2,399.89 22,398.96 31,998.52 41,598.08	2,008.36
26 22	13 00	0113	EA	1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	47,018.53 2,130.09 3,195.14 29,821.31 42,601.87 55,382.43	2,208.33
26 22	13 00	0114		480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22	13 00	0115	EA	6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	1,654.00 678.59 969.42 1,260.25	342.29
26 22	13 00	0116	EA	9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	1,972.57 870.67 1,243.82 1,616.97	364.37
26 22	13 00	0117	EA	15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	47,018.53 85.33 128.00 1,194.67 1,706.67 2,218.67	397.50
26 22	13 00	0118		480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22	13 00	0119	EA	30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	4,540.30 178.43 267.65 2,498.04 3,568.63 4,639.22	485.83
26 22	13 00	0120	EA	45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	5,119.50 198.56 297.84 2,779.82 3,971.17 5,162.52	574.17
26 22	13 00	0121	EA	75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	7,364.68 301.98 452.98 4,227.78 6,039.68 7,851.58	662.50

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 22 Low-Voltage Transformers

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0122	EA		112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add For K4 Factor Rating, Add For K13 Factor Rating, Add For K20 Factor Rating, Add	9,208.18 380.91 571.36 5,332.73 7,618.19 9,903.65	795.00
26 22 13 00-0123	EA		150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add For K4 Factor Rating, Add For K13 Factor Rating, Add For K20 Factor Rating, Add	11,014.63 462.40 693.60 6,473.58 9,247.97 12,022.36	883.33
26 22 13 00-0124	EA		225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add For K4 Factor Rating, Add For K13 Factor Rating, Add For K20 Factor Rating, Add	14,090.18 594.09 891.14 8,317.30 11,881.85 15,446.41	1,104.16
26 22 13 00-0125	EA		300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add For K4 Factor Rating, Add For K13 Factor Rating, Add For K20 Factor Rating, Add	17,159.06 721.04 1,081.56 10,094.52 14,420.74 18,746.96	1,369.17
26 22 13 00-0126	EA		500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add For K4 Factor Rating, Add For K13 Factor Rating, Add For K20 Factor Rating, Add	27,041.96 1,184.27 1,776.40 16,579.71 23,685.30 30,790.89	1,678.32
26 22 13 00-0127			3 Phase 60 Hz K20 Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0128			3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise (26 22 13 00-0127) Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA		15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	2,364.47	397.50
26 22 13 00-0130	EA		30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,457.80	485.83
26 22 13 00-0131	EA		45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	4,934.06	574.17
26 22 13 00-0132	EA		75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	6,232.42	662.50
26 22 13 00-0133	EA		112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	9,159.94	795.00
26 22 13 00-0134	EA		150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	11,056.84	883.33
26 22 13 00-0135	EA		225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	12,936.82	1,104.16
26 22 13 00-0136	EA		300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	20,157.79	1,369.17
26 22 13 00-0137			3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise (26 22 13 00-0127) Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0138	EA		15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	2,679.57	397.50
26 22 13 00-0139	EA		30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	3,955.32	485.83
26 22 13 00-0140	EA		45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	5,690.90	574.17
26 22 13 00-0141	EA		75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	7,212.40	662.50
26 22 13 00-0142	EA		112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	10,673.63	795.00
26 22 13 00-0143	EA		150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	12,915.79	883.33
26 22 13 00-0144	EA		225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	15,082.22	1,104.16
26 22 13 00-0145	EA		300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	23,641.99	1,369.17
26 22 13 00-0146			NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0147			Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0146) Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0148			150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)		
26 22 13 00-0149	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	2,885.46	392.94
26 22 13 00-0150	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,519.64	480.26
26 22 13 00-0151	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	4,244.79	567.58
26 22 13 00-0152	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	5,716.00	654.90
26 22 13 00-0153	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	7,661.38	785.88
26 22 13 00-0154	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	9,547.06	873.20
26 22 13 00-0155	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	12,668.18	1,091.50
26 22 13 00-0156	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	17,861.85	1,353.46
26 22 13 00-0157			115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)		
26 22 13 00-0158	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer	3,517.17	392.94

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

26 22	13 00-0159	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,284.82	480.26
26 22	13 00-0160	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,177.89	567.58
26 22	13 00-0161	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	7,038.07	654.90
26 22	13 00-0162	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,025.96	785.88
26 22	13 00-0163	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	11,887.25	873.20
26 22	13 00-0164	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	15,813.94	1,091.50
26 22	13 00-0165	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	22,408.33	1,353.46
26 22 13 00-0166 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0147)						
26 22	13 00-0167	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,146.33	392.94
26 22	13 00-0168	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,052.14	480.26
26 22	13 00-0169	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,111.00	567.58
26 22	13 00-0170	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,358.02	654.90
26 22	13 00-0171	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	10,747.62	785.88
26 22	13 00-0172	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	14,227.44	873.20
26 22	13 00-0173	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	18,959.71	1,091.50
26 22	13 00-0174	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	26,954.82	1,353.46
26 22 13 00-0175 Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0146)						
Note: Two taps at 2.5%, four at -2.5%.						
26 22 13 00-0176 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0175)						
26 22	13 00-0177	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	3,935.89	392.94
26 22	13 00-0178	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,797.08	480.26
26 22	13 00-0179	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,798.54	567.58
26 22	13 00-0180	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,918.03	654.90
26 22	13 00-0181	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,773.13	785.88
26 22	13 00-0182	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	13,528.15	873.20
26 22	13 00-0183	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	18,018.10	1,091.50
26 22	13 00-0184	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	25,596.61	1,353.46
26 22 13 00-0185 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0175)						
26 22	13 00-0186	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,565.05	392.94
26 22	13 00-0187	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,564.39	480.26
26 22	13 00-0188	EA		45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,731.65	567.58
26 22	13 00-0189	EA		75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	9,240.11	654.90
26 22	13 00-0190	EA		112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	14,122.95	785.88
26 22	13 00-0191	EA		150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	17,834.44	873.20
26 22	13 00-0192	EA		225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	22,770.76	1,091.50
26 22	13 00-0193	EA		300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	33,990.28	1,353.46
26 22 13 00-0194 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0175)						
26 22	13 00-0195	EA		15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,196.33	392.94
26 22	13 00-0196	EA		30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,331.70	480.26

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,664.75		567.58
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,560.05		654.90
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	16,813.85		785.88
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	21,739.02		873.20
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	27,521.29		1,091.50
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	40,694.15		1,353.46
26 22 13 00-0203		3 Phase Weathershields <small>(26 22 13 00-0056)</small>			
		Note: Use with type DT-3 and DS-3.			
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	414.61		
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	704.08		
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2.....	704.08		
26 22 13 00-0207		Three Phase Mounting Brackets <small>(26 22 13 00-0056)</small>			
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	535.70		157.19
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed <small>(26 22 13)</small>			
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer <small>(26 22 13 00-0209)</small>			
		Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.			
26 22 13 00-0211		Primary, 4.16/4.8 KV Ground Y Or Delta 480 Y/277, 480 V 95 KV BIL <small>(26 22 13 00-0210)</small>			
		Note: 13.8 Thru 14.4 KV secondary. Rated to 5 KVA.			
26 22 13 00-0212	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	11,460.93		1,047.84
26 22 13 00-0213	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	13,011.00		1,047.84
26 22 13 00-0214	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	15,317.22		1,807.53
26 22 13 00-0215	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	18,175.25		1,807.53
26 22 13 00-0216	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	21,127.43		2,706.92
26 22 13 00-0217	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	28,618.35		3,580.13
26 22 13 00-0218	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	37,497.17		4,540.65
26 22 13 00-0219	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	43,954.79		5,501.16
26 22 13 00-0220		Primary, 4.16/4.8 KV Ground Y Or Delta 208 Y/120 V - 95 BIL <small>(26 22 13 00-0210)</small>			
		Note: 13.8 Thru 14.4 KV secondary. Rated to 5 KVA.			
26 22 13 00-0221	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	11,460.93		1,047.84
26 22 13 00-0222	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	13,011.00		1,047.84
26 22 13 00-0223	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	15,317.22		1,807.53
26 22 13 00-0224	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	18,247.46		1,807.53
26 22 13 00-0225	EA	300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	21,317.36		2,706.92
26 22 13 00-0226	EA	500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	28,663.29		3,580.13
26 22 13 00-0227	EA	750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	41,294.15		4,540.65
26 22 13 00-0228	EA	1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	44,766.30		5,501.16
26 22 13 00-0229		Factory Modifications <small>(26 22 13 00-0210)</small>			
		Note: For use with series 4100 3 phase transformers.			
26 22 13 00-0230	EA	Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification.....	759.71		
26 22 13 00-0231	EA	Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification.....	123.54		
26 22 13 00-0232	EA	Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification.....	494.15		
26 22 13 00-0233	EA	Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification.....	1,423.67		
26 22 13 00-0234	EA	Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification.....	174.41		
26 22 13 00-0235	EA	Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification.....	138.07		
26 22 13 00-0236		Accessories For Transformer Liquid Containment Area <small>(26 22 13 00-0210)</small>			
		Note: Reinforced concrete curb with 6" slab.			
26 22 13 00-0237	EA	Containment Area For 75 KVA.....	4,304.45		1,619.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,079.87</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0238 EA Containment Area For 112.5 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,304.45 1,079.87	1,619.77
26 22 13 00-0239 EA Containment Area For 150 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,304.45 1,079.87	1,619.77
26 22 13 00-0240 EA Containment Area For 225 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,304.45 1,079.87	1,619.77
26 22 13 00-0241 EA Containment Area For 300 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,298.63 1,078.12	1,619.77
26 22 13 00-0242 EA Containment Area For 500 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,298.63 1,078.12	1,619.77
26 22 13 00-0243 EA Containment Area For 750 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,318.98 1,078.12	1,619.77
26 22 13 00-0244 EA Containment Area For 1,000 KVA <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,614.01 1,078.12	1,619.77
26 22 13 00-0245 Primary, 4.16/4.8 KV Ground Y Or Delta 480 Y / 277 Volt, 480 Volt, 95 KV BIL <small>(26 22 13 00-0210)</small> Note: 7.2 Thru 14.4 KV secondary. Rated to 5 KVA.		
26 22 13 00-0246 EA 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	5,485.00	1,047.84
26 22 13 00-0247 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	5,921.02	1,047.84
26 22 13 00-0248 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	6,211.69	1,047.84
26 22 13 00-0249 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,083.72	1,047.84
26 22 13 00-0250 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,932.69	1,571.77
26 22 13 00-0251 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	8,223.36	1,571.77
26 22 13 00-0252 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	11,711.47	1,571.77
26 22 13 00-0253 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	15,039.47	2,095.69
26 22 13 00-0254 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	18,818.25	2,095.69
26 22 13 00-0255 Primary, 4.16/4.8 KV Ground Y Or Delta 208 Y / 120 Volt, 95 BIL <small>(26 22 13 00-0210)</small> Note: 7.2 Thru 14.4 KV secondary. Rated to 5 KVA.		
26 22 13 00-0256 EA 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	5,630.34	1,047.84
26 22 13 00-0257 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	6,211.69	1,047.84
26 22 13 00-0258 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	6,357.03	1,047.84
26 22 13 00-0259 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	6,502.37	1,047.84
26 22 13 00-0260 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	7,932.69	1,571.77
26 22 13 00-0261 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	8,514.04	1,571.77
26 22 13 00-0262 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	11,711.47	1,571.77
26 22 13 00-0263 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	15,184.80	2,095.69
26 22 13 00-0264 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	18,818.25	2,095.69
26 22 13 00-0265 Primary 5 KV Or 15 KV, Secondary 277/480 Volt <small>(26 22 13 00-0209)</small> Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0266 EA 150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	9,361.55	1,373.35
26 22 13 00-0267 EA 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	10,406.88	1,621.26
26 22 13 00-0268 EA 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	11,932.29	1,981.54
26 22 13 00-0269 EA 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	14,022.17	2,229.46
26 22 13 00-0270 EA 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	16,629.68	2,346.74
26 22 13 00-0271 EA 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	21,024.99	3,428.91
26 22 13 00-0272 EA 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	24,460.44	3,879.27
26 22 13 00-0273 EA 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	30,057.65	4,458.93
26 22 13 00-0274 EA 2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	32,829.80	4,681.88
26 22 13 00-0275 EA 3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	35,102.05	5,217.12
26 22 13 00-0276 EA 3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	39,693.23	5,573.83
26 22 13 00-0277 Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled <small>(26 22 13 00-0209)</small>		
26 22 13 00-0278 EA 1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled.....	35,011.96	3,891.42
26 22 13 00-0279 EA 2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled.....	42,762.94	4,475.16
26 22 13 00-0280 EA 2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled.....	48,238.14	4,710.66
26 22 13 00-0281 EA 3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled.....	51,502.23	5,264.88
26 22 13 00-0282 EA 3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled.....	57,252.04	5,424.41
26 22 13 00-0283 Silicone Filled Distribution Transformers, 3 Phase <small>(26 22 13 00-0209)</small> Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0284 EA 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	15,013.02	1,621.26

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 22 13 00-0285	EA	300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	16,482.80	1,981.54
26 22 13 00-0286	EA	500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	19,182.15	2,229.46
26 22 13 00-0287	EA	750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	22,703.86	2,346.74
26 22 13 00-0288	EA	1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	28,157.19	3,428.91
26 22 13 00-0289	EA	1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	35,030.34	3,879.27
26 22 13 00-0290	EA	2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	42,267.65	4,458.93
26 22 13 00-0291	EA	2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	47,707.92	4,681.88

26 22 13 00-0292 Foam Core Poly Transformer Pads (26 22 13)

26 22 13 00-0293	EA	Single Phase Foam Core Poly Pads.....	138.87	28.74
------------------	----	---------------------------------------	--------	-------

Note: Excludes site prep.

26 24 Switchboards And Panelboards (26 20)**26 24 13 Switchboards (26 24)**

Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.

26 24 13 00-0001 Fusible Switch Type 240 Volt, 3 Phase, 3 Wire (26 24 13)**26 24 13 00-0002 Incoming Service Section Main Device Only (26 24 13 00-0001)**

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0003	EA	400 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	3,490.38	751.97
26 24 13 00-0004	EA	600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	3,885.85	795.39
26 24 13 00-0005	EA	800 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	6,515.62	902.25
26 24 13 00-0006	EA	1,200 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	7,021.60	967.24
26 24 13 00-0007	EA	1,600 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	11,592.30	1,031.28
26 24 13 00-0008	EA	2,000 Amp Distribution Switchboard With Main Switch, 240 Volt, 3 Phase, 4 Wire	12,961.39	1,096.54
26 24 13 00-0009	EA	400 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	4,324.96	751.97
26 24 13 00-0010	EA	600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	5,644.73	795.39
26 24 13 00-0011	EA	800 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	7,996.87	903.02
26 24 13 00-0012	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	11,106.48	967.24
26 24 13 00-0013	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	11,592.30	1,032.32
26 24 13 00-0014	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	12,961.39	1,096.54
26 24 13 00-0015	EA	2,500 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	15,686.68	1,146.40
26 24 13 00-0016	EA	3,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	17,820.92	1,228.16
26 24 13 00-0017	EA	4,000 Amp Distribution Switchboard With MC Main Breaker, 240 Volt, 3 Phase, 4 Wire	21,118.05	1,323.93
26 24 13 00-0018	EA	400 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,271.08	666.27
26 24 13 00-0019	EA	600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,527.87	709.33
26 24 13 00-0020	EA	800 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	2,892.78	816.54
26 24 13 00-0021	EA	1,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,134.51	850.84
26 24 13 00-0022	EA	1,200 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,354.65	881.53
26 24 13 00-0023	EA	1,600 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,689.89	945.15
26 24 13 00-0024	EA	2,000 Amp Distribution Switchboard With Main Lug, 240 Volt, 3 Phase, 4 Wire	3,992.99	1,009.97

26 24 13 00-0025 Branch Breaker Units (26 24 13 00-0001)

Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.

26 24 13 00-0026	EA	15 - 60 Amp MC Branch Breaker, 240 Volt.....	323.30	26.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.73	
26 24 13 00-0027	EA	70 - 100 Amp MC Branch Breaker, 240 Volt.....	471.89	41.27
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.76	
26 24 13 00-0028	EA	125 - 225 Amp MC Branch Breaker, 240 Volt.....	1,289.74	75.22
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.13	
26 24 13 00-0029	EA	100 - 400 Amp MC Branch Breaker, 240 Volt.....	2,312.09	98.00
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.80	
26 24 13 00-0030	EA	300 - 600 Amp MC Branch Breaker, 240 Volt.....	4,076.99	240.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	144.41	
26 24 13 00-0031	EA	400 - 800 Amp MC Branch Breaker, 240 Volt.....	6,617.97	240.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	144.41	
26 24 13 00-0032	EA	600 - 1,200 Amp MC Branch Breaker, 240 Volt.....	10,705.35	428.99
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	257.39	

26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire (26 24 13)**26 24 13 00-0034 Incoming Service Section Main Device Only (26 24 13 00-0033)**

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0035	EA	400 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	4,963.09	975.76
26 24 13 00-0036	EA	600 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	5,576.08	975.76
26 24 13 00-0037	EA	800 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	8,516.99	1,268.05
26 24 13 00-0038	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 Volt, 3 Phase, 3 Wire	9,697.81	1,268.05

26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire (26 24 13)**26 24 13 00-0040 Incoming Service Section Main Device Only (26 24 13 00-0039)**

Note: Copper bus, non-metering type, with fuses.

26 24 13 00-0041	EA	200/400 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	3,147.19	666.27
26 24 13 00-0042	EA	600 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	3,524.56	709.33
26 24 13 00-0043	EA	800 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	5,569.05	816.54
26 24 13 00-0044	EA	1,200 Amp Distribution Switchboard With Main Switch, 120 / 240 Volt, 1 Phase, 3 Wire	6,054.76	880.84
26 24 13 00-0045	EA	2,000/400 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	3,939.45	666.27
26 24 13 00-0046	EA	600 Amp Distribution Switchboard With MC Main Breaker, 120 / 240 Volt, 1 Phase, 3 Wire.....	5,058.29	709.33

Table with columns: MINOR CSI UOM DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include Branch Breaker Units, Fusible Switch Type, and Incoming Service Section Main Device Only.

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 24 13 00-0104	EA	800 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	7,253.90	1,223.95
26 24 13 00-0105	EA	1,200 Amp Distribution Switchboard With Main Switch, 480 / 277 Volt, 3 Phase, 4 Wire	7,946.75	1,310.52
26 24 13 00-0106	EA	400 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	5,907.10	1,031.28
26 24 13 00-0107	EA	600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	8,126.58	1,096.54
26 24 13 00-0108	EA	800 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	9,218.73	1,225.32
26 24 13 00-0109	EA	1,200 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	11,791.24	1,310.52
26 24 13 00-0110	EA	1,600 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	12,320.57	1,397.44
26 24 13 00-0111	EA	2,000 Amp Distribution Switchboard With MC Main Breaker, 480 / 277 Volt, 3 Phase, 4 Wire.....	13,736.84	1,484.26
26 24 13 00-0112	EA	400 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	2,404.02	666.27
26 24 13 00-0113	EA	600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	2,710.29	709.33
26 24 13 00-0114	EA	800 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,166.88	816.54
26 24 13 00-0115	EA	1,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,425.02	850.84
26 24 13 00-0116	EA	1,200 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,676.04	881.53
26 24 13 00-0117	EA	1,600 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	3,997.88	945.15
26 24 13 00-0118	EA	2,000 Amp Distribution Switchboard With Main Lug, 480 / 277 Volt, 3 Phase, 4 Wire.....	4,323.94	1,009.97
26 24 13 00-0119		Branch Breaker Units <small>(26 24 13 00-0100)</small>		
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.				
26 24 13 00-0120	EA	15 - 60 Amp MC Branch Breaker, 480 / 277 Volt.....	687.26	26.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			15.73	
26 24 13 00-0121	EA	70 - 100 Amp MC Branch Breaker, 480 / 277 Volt.....	785.07	41.27
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			24.76	
26 24 13 00-0122	EA	125 - 225 Amp MC Branch Breaker, 480 / 277 Volt.....	1,423.47	75.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			45.13	
26 24 13 00-0123	EA	100 - 400 Amp MC Branch Breaker, 480 / 277 Volt.....	2,312.09	98.00
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			58.80	
26 24 13 00-0124	EA	300 - 600 Amp MC Branch Breaker, 480 / 277 Volt.....	5,536.23	240.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			144.41	
26 24 13 00-0125	EA	400 - 800 Amp MC Branch Breaker, 480 / 277 Volt.....	5,666.58	240.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			144.41	
26 24 13 00-0126	EA	600 - 1,200 Amp MC Branch Breaker, 480 / 277 Volt.....	9,064.97	428.99
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add			257.39	
26 24 13 00-0127		Fusible Branch Circuit Switch <small>(26 24 13)</small>		
Note: Includes switch fuses, and portion of distribution section occupied by that branch device.				
26 24 13 00-0128		240 Volt, 2 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0129	EA	30/30 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	682.06	67.49
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0130	EA	30/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	679.53	67.49
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0131	EA	60/60 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	679.53	67.49
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0132	EA	60/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,077.40	88.98
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0133	EA	100/100 Amp, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,077.40	88.98
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0134		240 Volt, 2 Pole Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0135	EA	100 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	787.29	66.19
For Electrical Interlock Kit, Add			283.51	
26 24 13 00-0136	EA	200 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	1,167.46	66.19
For Electrical Interlock Kit, Add			283.51	
26 24 13 00-0137	EA	400 Amp, 240 Volt, 2 Pole Single Branch Switch Unit.....	2,995.40	178.38
26 24 13 00-0138		240 Volt, 3 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0139	EA	30/30 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	880.75	76.08
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0140	EA	30/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	878.21	76.08
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0141	EA	60/60 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	878.21	76.08
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0142	EA	60/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,331.12	101.87
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0143	EA	100/100 Amp, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,331.12	101.87
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0144		240 Volt, 3 Pole Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0145	EA	100 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	956.98	74.79
For Electrical Interlock Kit, Add			295.94	
26 24 13 00-0146	EA	200 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	1,576.72	74.79
For Electrical Interlock Kit, Add			283.51	
26 24 13 00-0147	EA	400 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	4,037.01	199.71
26 24 13 00-0148	EA	600 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	5,783.99	255.84
26 24 13 00-0149	EA	800 Amp, 240 Volt, 3 Pole Single Branch Switch Unit.....	10,849.06	346.63
26 24 13 00-0150		600 Volt, 3 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0151	EA	30/30 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit.....	1,264.51	76.08
For Electrical Interlock Kit, Add			295.94	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0152	EA		30/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,261.95 295.94	76.08
26 24 13 00-0153	EA		60/60 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,264.51 295.94	76.08
26 24 13 00-0154	EA		60/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,910.17 295.94	101.87
26 24 13 00-0155	EA		100/100 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	1,953.02 295.94	101.87
26 24 13 00-0156	EA		200/200 Amp, 600 Volt, 3 Pole Twin Branch Switch Unit <i>For Electrical Interlock Kit, Add</i>	4,212.36 295.94	133.26
26 24 13 00-0157			600 Volt, 3 Pole, Single Branch Switch Units (26 24 13 00-0127)		
26 24 13 00-0158	EA		100 Amp, 600 Volt, 3 Pole Single Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,370.31 295.94	74.79
26 24 13 00-0159	EA		200 Amp, 600 Volt, 3 Pole Single Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	2,101.46 283.51	74.79
26 24 13 00-0160	EA		400 Amp, 600 Volt, 3 Pole Single Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	5,101.41 283.51	199.71
26 24 13 00-0161	EA		600 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	6,186.87	255.84
26 24 13 00-0162	EA		800 Amp, 600 Volt, 3 Pole Single Branch Switch Unit.....	10,849.06	346.63
26 24 13 00-0163			Service And Distribution Structures (26 24 13)		
26 24 13 00-0164			Distribution Section 600 Volts, 250 Volts DC (26 24 13 00-0163)		
26 24 13 00-0165			600 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0166	EA		14 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,171.60	790.92
26 24 13 00-0167	EA		24 - 30 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,626.52	790.92
26 24 13 00-0168	EA		34 - 38 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,924.19	1,005.84
26 24 13 00-0169	EA		42 - 48 Watt Distribution Section, 600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,201.93	1,005.84
26 24 13 00-0170			800 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0171	EA		14 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,424.35	915.58
26 24 13 00-0172	EA		24 - 30 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,868.29	915.58
26 24 13 00-0173	EA		34 - 38 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,201.93	1,134.80
26 24 13 00-0174	EA		42 - 48 Watt Distribution Section, 800 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,451.43	1,134.80
26 24 13 00-0175			1,200 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0176	EA		14 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	2,815.54	1,117.60
26 24 13 00-0177	EA		24 - 30 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,268.87	1,117.60
26 24 13 00-0178	EA		34 - 38 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,622.00	1,375.51
26 24 13 00-0179	EA		42 - 48 Watt Distribution Section, 1,200 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,987.52	1,375.51
26 24 13 00-0180			1,600 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0181	EA		14 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,578.96	1,225.06
26 24 13 00-0182	EA		24 - 30 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,107.43	1,225.06
26 24 13 00-0183	EA		34 - 38 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,523.23	1,513.06
26 24 13 00-0184	EA		42 - 48 Watt Distribution Section, 1,600 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,841.64	1,513.06
26 24 13 00-0185			2,000 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0186	EA		14 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	3,738.34	1,229.36
26 24 13 00-0187	EA		24 - 30 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,304.24	1,384.11
26 24 13 00-0188	EA		34 - 38 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,413.01	1,384.11
26 24 13 00-0189	EA		42 - 48 Watt Distribution Section, 2,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	4,581.72	1,461.48
26 24 13 00-0190			3,000 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0191	EA		24 - 30 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,338.41	1,384.11
26 24 13 00-0192	EA		34 - 38 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,445.56	1,384.11
26 24 13 00-0193	EA		42 - 48 Watt Distribution Section, 3,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,614.27	1,461.48
26 24 13 00-0194			4,000 Amp Main Bus, 4 Wire (26 24 13 00-0164)		
26 24 13 00-0195	EA		24 - 30 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,448.63	1,461.48
26 24 13 00-0196	EA		34 - 38 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,614.27	1,461.48
26 24 13 00-0197	EA		42 - 48 Watt Distribution Section, 4,000 Amp Main Bus, 4 Wire, 600 Volt AC, 250 Volt DC.....	5,675.19	1,461.48
26 24 13 00-0198			Pull Boy, Horizontal Mounted Across Top Of Switch Board (26 24 13 00-0164)		
26 24 13 00-0199	EA		18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	500.01	103.16
26 24 13 00-0200	EA		Drilled Bottom.....	562.93	103.16
26 24 13 00-0201	EA		Cable Supports In Pull Box..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	210.11 14.33	25.80
26 24 13 00-0202			Underground Pull Sections (26 24 13 00-0164)		
26 24 13 00-0203	EA		12 - 20" Wide, 15 - 20" Deep Underground Pull Section Without Bus Or Terminal.....	475.26	120.36
26 24 13 00-0204	EA		24 - 28" Wide, 20" Deep Underground Pull Section Without Bus Or Terminal.....	843.32	154.74

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 24 13 00-0205	EA	24 - 28" Wide, 30" Deep Underground Pull Section Without Bus Or Terminal.....	843.32	154.74
26 24 13 00-0206	EA	14 - 20" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal.....	623.99	120.36
26 24 13 00-0207	EA	28 - 30" Wide, 36" Deep Underground Pull Section Without Bus Or Terminal.....	906.35	176.24
26 24 13 00-0208	EA	14 - 20" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal.....	1,029.06	176.24
26 24 13 00-0209	EA	26 - 30" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal.....	1,071.74	227.82
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep Underground Pull Section Without Bus Or Terminal.....	1,123.76	227.82
26 24 13 00-0211		Switchboard Sections <small>(26 24 13 00-0163)</small>		
26 24 13 00-0212	EA	600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	3,918.63	716.39
26 24 13 00-0213	EA	800 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	4,295.41	778.71
26 24 13 00-0214	EA	1,200 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	5,376.50	995.01
26 24 13 00-0215	EA	1,600 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	5,881.65	1,085.45
26 24 13 00-0216	EA	2,000 Amp Switchboard Incoming No Switch Circuit 480 Volt, 4 Wire.....	6,273.90	1,155.51
26 24 13 00-0217	EA	400 Amp Switchboard Incoming For Switch Circuit Section 480 Volt.....	4,787.44	628.44
26 24 13 00-0218	EA	Distribution Section Subfeeder Lug-Rated At 200 Amp.....	2,591.84	596.97
26 24 13 00-0219	EA	Distribution Section Subfeeder Lug-Rated At 400 Amp.....	2,879.87	647.35
26 24 13 00-0220	EA	Distribution Section Aluminum Bus 120/208 Or 277/480 Volt, 4 Wire.....	2,962.07	716.39
26 24 13 00-0221	EA	800 Amp Switchboard Distribution Section Aluminum Bus Less Breaker.....	3,221.40	718.27
26 24 13 00-0222	EA	1,000 Amp Switchboard Distribution Section Aluminum Bus Less Breaker.....	3,555.55	801.92
26 24 13 00-0223	EA	15 To 60 Amp, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	1,139.39	42.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.25	
26 24 13 00-0224	EA	70 To 100 Amp, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	1,171.10	43.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.01	
26 24 13 00-0225	EA	70 To 225 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame.....	863.98	51.67
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.82	
26 24 13 00-0226	EA	125 To 400 Amp, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,448.57	111.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.04	
26 24 13 00-0227	EA	100 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase.....	560.98	155.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.73	
26 24 13 00-0228	EA	225 Amp, Switchboard Feed Section Branch Circuit Breaker, 240 Volt HIC 3 Phase.....	1,663.77	89.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.82	
26 24 13 00-0229		Switchboard, Structure Per Section Copper 480 V <small>(26 24 13 00-0163)</small>		
26 24 13 00-0230	EA	225 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	2,030.41	373.10
26 24 13 00-0231	EA	400 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	2,902.96	504.56
26 24 13 00-0232	EA	600 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	3,229.74	614.07
26 24 13 00-0233	EA	800 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	4,025.21	859.69
26 24 13 00-0234	EA	1,200 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	4,982.72	1,074.62
26 24 13 00-0235	EA	1,600 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	5,553.46	1,074.62
26 24 13 00-0236	EA	2,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	6,796.17	1,432.85
26 24 13 00-0237	EA	2,500 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	7,890.53	1,432.85
26 24 13 00-0238	EA	3,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	9,266.90	1,705.72
26 24 13 00-0239	EA	4,000 Amp Switchboard, Structure Per Section, Copper, 480 Volt.....	11,280.63	1,705.72
26 24 13 00-0240		Main Devices <small>(26 24 13)</small>		
26 24 13 00-0241		Power Circuit Breakers <small>(26 24 13 00-0240)</small>		
26 24 13 00-0242		DSL Breaker With Current Limiters And Amptector <small>(26 24 13 00-0241)</small>		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0243	EA	50 - 800 Amp DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	7,357.15	902.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	540.46	
26 24 13 00-0244	EA	50 - 1,600 Amp DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	13,505.10	1,504.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	901.78	
26 24 13 00-0245	EA	1,200 - 3,200 Amp DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	30,917.67	2,527.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,502.96	
26 24 13 00-0246	EA	4,000 Amp DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	49,732.85	4,092.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,499.11	
26 24 13 00-0247	EA	Ground-Fault Trip All Power Breakers - Factory Installed.....	2,740.47	
26 24 13 00-0248	EA	Key Interlock All Power Breakers - Factory Installed.....	353.92	
26 24 13 00-0249	EA	Short Time Delay Selective Trip - Factory Installed.....	464.32	
26 24 13 00-0250	EA	Shunt Trip Manually Open Breakers - Factory Installed.....	334.44	
26 24 13 00-0251		DSL Breaker Electrical Operated And Amptector <small>(26 24 13 00-0241)</small>		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA	50 - 800 Amp DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	8,680.03	945.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	570.09	
26 24 13 00-0253	EA	50 - 1,600 Amp DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip.....	16,227.98	1,590.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	949.59	
26 24 13 00-0254	EA	1,200 - 3,200 Amp DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip.....	34,836.53	2,622.07
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,580.32	
26 24 13 00-0255	EA	4,000 Amp DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip.....	53,610.43	4,298.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,642.50	
26 24 13 00-0256		DS Breakers With Amptector Static Trip, Manually Operated <small>(26 24 13 00-0241)</small>		
		Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA	50 - 800 Amp DS-206, Main Breaker With Groundfault, Amptector Static Trip.....	5,793.18	825.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	495.98	
26 24 13 00-0258	EA	50 - 1,600 Amp DS-416, Main Breaker With Groundfault, Amptector Static Trip.....	10,676.47	1,384.11
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	826.63	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0259	EA 2,000 Amp DS-420, Main Breaker With Groundfault, Amptector Static Trip.....		15,679.26	2,321.18
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,377.71	
26 24 13 00-0260	EA 1,200 - 3,200 AMP DS-632, Main Breaker With Groundfault, Amptector Static Trip		27,138.63	3,739.67
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2,294.56	
26 24 13 00-0261	EA 4,000 Amp DS-840, Main Breaker With Groundfault, Amptector Static Trip.....		44,086.62	6,103.83
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3,815.21	
26 24 13 00-0262	DS Breakers With Amptector Static Trip, Electrically Operated <small>(26 24 13 00-0241)</small>			
	Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.			
26 24 13 00-0263	EA 50 - 800 Amp DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip		6,940.88	790.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		473.05	
26 24 13 00-0264	EA 50 - 1,600 Amp DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip		13,043.80	1,323.93
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		788.23	
26 24 13 00-0265	EA 2,000 Amp DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....		18,300.49	2,200.82
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,315.86	
26 24 13 00-0266	EA 1,200 - 3,200 Amp DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip		30,331.54	3,584.92
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		2,193.10	
26 24 13 00-0267	EA 4,000 Amp DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....		47,209.34	6,146.81
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3,663.47	
26 24 13 00-0268	Molded Case Circuit Breakers Conventional <small>(26 24 13 00-0241)</small>			
26 24 13 00-0269	EA 70 - 225 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		2,264.91	722.14
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		415.98	
26 24 13 00-0270	EA 125 - 400 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		3,461.30	722.14
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		452.47	
26 24 13 00-0271	EA 300 - 600 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		3,844.98	859.69
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		495.98	
26 24 13 00-0272	EA 400 - 800 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		4,620.78	859.69
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		537.31	
26 24 13 00-0273	EA 600 - 1,200 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		7,057.31	1,031.64
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		588.83	
26 24 13 00-0274	EA 1,000 - 2,000 Amp 3 Pole Molded Case Circuit Breaker Conventional.....		11,692.76	1,031.64
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		651.28	
26 24 13 00-0275	EA Shunt Trip, Factory Installed		350.68	
26 24 13 00-0276	EA Groundfault Trip Complete Interrupting Circuit, Factory Installed.....		81.18	
26 24 13 00-0277	Switchboard Branch Breaker 480 Volt <small>(26 24 13 00-0240)</small>			
26 24 13 00-0278	EA 60 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		518.99	62.32
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		37.38	
26 24 13 00-0279	EA 100 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		606.84	82.70
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		49.60	
26 24 13 00-0280	EA 225 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		1,821.25	124.49
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		74.71	
26 24 13 00-0281	EA 400 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		2,412.25	156.21
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		93.71	
26 24 13 00-0282	EA 600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		2,907.84	209.51
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		125.69	
26 24 13 00-0283	EA 800 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		3,502.71	268.65
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		161.19	
26 24 13 00-0284	EA 1,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		5,647.13	409.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		245.63	
26 24 13 00-0285	EA 1,200 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		5,647.13	409.38
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		245.63	
26 24 13 00-0286	EA 1,600 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		7,921.05	573.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		343.88	
26 24 13 00-0287	EA 2,000 Amp, 3 Phase, 480 Volt Switchboard Branch Breaker.....		9,799.87	859.69
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		515.82	
26 24 13 00-0288	Switchboard 277/480 Volt Main Breaker <small>(26 24 13 00-0240)</small>			
26 24 13 00-0289	EA 400 Amp, Switchboard 277/480 Volt Main Breaker		6,467.07	373.10
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		223.88	
26 24 13 00-0290	EA 600 Amp, Switchboard 277/480 Volt Main Breaker		6,538.01	408.61
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		245.16	
26 24 13 00-0291	EA 800 Amp, Switchboard 277/480 Volt Main Breaker		6,948.94	614.07
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		368.44	
26 24 13 00-0292	EA 1,200 Amp, Switchboard 277/480 Volt Main Breaker		11,996.66	859.69
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		515.82	
26 24 13 00-0293	EA 1,600 Amp, Switchboard 277/480 Volt Main Breaker		12,179.24	950.99
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		570.59	
26 24 13 00-0294	EA 2,000 Amp, Switchboard 277/480 Volt Main Breaker		15,816.89	1,705.72
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,023.44	
26 24 13 00-0295	Branch Or Distribution Devices <small>(26 24 13)</small>			
26 24 13 00-0296	3 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small>			
	Note: Includes certified refurbished circuit breakers.			
26 24 13 00-0297	EA 15 - 60 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker		342.07	30.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		20.63	
26 24 13 00-0298	EA 70 - 100 Amp, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker		349.70	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		25.79	
26 24 13 00-0299	EA 125 - 150 Amp, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....		814.87	46.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		30.95	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0300	EA		70 - 225 Amp, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,177.45 39.98	60.18
26 24 13 00-0301	EA		125 - 400 Amp, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,654.20 49.52	74.28
26 24 13 00-0302	EA		300 - 600 Amp, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,160.74 58.03	86.83
26 24 13 00-0303	EA		900 - 1,000 Amp, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,278.71 65.51	98.00
26 24 13 00-0304			2 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small> Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA		15 - 60 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	236.77 15.47	23.21
26 24 13 00-0306	EA		70 - 100 Amp, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	304.86 20.63	30.95
26 24 13 00-0307	EA		125 - 150 Amp, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	807.67 25.79	38.68
26 24 13 00-0308	EA		70 - 225 Amp, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,268.97 28.37	42.98
26 24 13 00-0309	EA		125 - 400 Amp, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,347.32 37.40	55.88
26 24 13 00-0310	EA		900 - 1,000 Amp, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,027.37 54.16	81.25
26 24 13 00-0311			Meter Devices And Instrumentation <small>(26 24 13)</small> Note: Factory installed accessories.		
26 24 13 00-0312			Instrument Transformers And Metering Compartments <small>(26 24 13 00-0311)</small>		
26 24 13 00-0313	EA		800 Amp And Below Primary Current Transformer, With Compartment.....	423.73	
26 24 13 00-0314	EA		1,000 - 1,500 Amp Primary Current Transformer, With Compartment.....	612.06	
26 24 13 00-0315	EA		2,000 - 6,000 Amp Primary Current Transformer, With Compartment.....	720.83	
26 24 13 00-0316	EA		Potential Transformer With 200 VA Max.....	519.52	
26 24 13 00-0317	EA		5 To 800 Amp, Three Current Transformers.....	1,663.03	
26 24 13 00-0318	EA		1,000 To 1,500 Amp, Three Current Transformers.....	2,985.30	
26 24 13 00-0319	EA		2,000 To 4,000 Amp, Three Current Transformers.....	3,884.67	
26 24 13 00-0320			Instruments <small>(26 24 13 00-0311)</small>		
26 24 13 00-0321	EA		AC Voltmeter.....	577.97	
26 24 13 00-0322	EA		AC Ammeter.....	577.97	
26 24 13 00-0323	EA		AC Wattmeter.....	1,543.95	
26 24 13 00-0324	EA		Variometer.....	1,743.64	
26 24 13 00-0325	EA		Power Factor Meter.....	1,392.96	
26 24 13 00-0326	EA		Frequency Meter.....	1,537.45	
26 24 13 00-0327	EA		AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,956.32	
26 24 13 00-0328	EA		AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2.....	3,272.97	
26 24 13 00-0329	EA		Weatherproof, Modify Meter.....	3,015.11	
26 24 13 00-0330	EA		Control Switch Resistor Type 130 V.....	66.91	
26 24 13 00-0331	EA		Metering Instrument Volt, Amp And Watt Hour.....	3,948.03	
26 24 16 Panelboards			<small>(26 24)</small>		
26 24 16 00-0001			Branch Circuit Panelboard <small>(26 24 16)</small> Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing.		
26 24 16 00-0002			Assembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003			120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0004	EA		100 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	928.64 348.00	245.01
26 24 16 00-0005	EA		100 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,062.48 348.00	245.01
26 24 16 00-0006	EA		100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,203.26 348.00	339.58
26 24 16 00-0007	EA		100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,338.21 348.00	339.58
26 24 16 00-0008	EA		100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,473.72 348.00	425.55
26 24 16 00-0009	EA		100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,616.21 348.00	425.55
26 24 16 00-0010	EA		100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,744.09 348.00	490.03
26 24 16 00-0011	EA		225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity..... <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,074.26 348.00	627.57

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0012	EA		225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,209.54 348.00	627.57
26 24 16 00-0013	EA		225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,807.99 348.00	717.85
26 24 16 00-0014	EA		225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,014.65 348.00	717.85
26 24 16 00-0015	EA		225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,145.16 348.00	808.11
26 24 16 00-0016	EA		225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,332.54 348.00	808.11
26 24 16 00-0017	EA		225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,453.18 348.00	894.08
26 24 16 00-0018	EA		225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,647.76 348.00	894.08
26 24 16 00-0019	EA		225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,865.15 348.00	988.65
26 24 16 00-0020	EA		225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,932.06 348.00	988.65
26 24 16 00-0021	EA		225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,193.47 348.00	988.65
26 24 16 00-0022			120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0023	EA		50 Amp Rating, 8 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,028.03 348.00	236.42
26 24 16 00-0024	EA		50 Amp Rating, 10 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,163.74 348.00	236.42
26 24 16 00-0025	EA		100 Amp Rating, 12 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,519.25 348.00	404.05
26 24 16 00-0026	EA		100 Amp Rating, 14 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,656.95 348.00	404.05
26 24 16 00-0027	EA		100 Amp Rating, 16 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,793.69 348.00	494.33
26 24 16 00-0028	EA		100 Amp Rating, 18 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	1,940.40 348.00	494.33
26 24 16 00-0029	EA		100 Amp Rating, 20 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,064.39 348.00	593.19
26 24 16 00-0030	EA		225 Amp Rating, 22 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,949.39 348.00	593.19
26 24 16 00-0031	EA		225 Amp Rating, 24 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,074.40 348.00	726.44
26 24 16 00-0032	EA		225 Amp Rating, 26 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,209.16 348.00	726.44
26 24 16 00-0033	EA		225 Amp Rating, 28 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,355.63 348.00	816.71
26 24 16 00-0034	EA		225 Amp Rating, 30 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,476.65 348.00	816.71
26 24 16 00-0035	EA		225 Amp Rating, 32 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,604.90 348.00	894.08
26 24 16 00-0036	EA		225 Amp Rating, 34 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,741.47 348.00	894.08
26 24 16 00-0037	EA		225 Amp Rating, 36 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,887.74 348.00	1,057.42
26 24 16 00-0038	EA		225 Amp Rating, 38 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,045.35 348.00	1,057.42
26 24 16 00-0039	EA		225 Amp Rating, 40 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,216.37 348.00	1,057.42
26 24 16 00-0040	EA		225 Amp Rating, 42 - 20 Amp Breakers, 120/240 Volt, 3 Wire, 1 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,325.23 348.00	1,117.60

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0041	120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0042	EA 100 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity.....	1,290.78	279.40
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0043	EA 100 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,442.02	279.40
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0044	EA 100 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,615.06	373.97
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0045	EA 100 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,798.74	373.97
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0046	EA 100 Amp Rating, 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity.....	1,962.18	459.93
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0047	EA 100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity.....	2,136.17	459.93
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0048	EA 100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity.....	2,301.10	545.91
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0049	EA 100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,467.68	545.91
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0050	EA 100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,626.90	640.47
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0051	EA 100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,810.35	640.47
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0052	EA 100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	2,993.52	739.34
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0053	EA 100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	3,176.93	739.34
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0054	EA 225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,531.72	894.08
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0055	EA 225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,648.65	894.08
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0056	EA 225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	3,864.76	992.94
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0057	EA 225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,054.92	992.94
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0058	EA 225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,194.66	1,083.22
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0059	EA 225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,378.54	1,083.22
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0060	EA 400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,330.99	961.13
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0061	EA 400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,460.28	1,010.14
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0062	EA 400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,685.04	1,063.88
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0063	EA 400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,887.91	1,126.20
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0064	EA 400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	5,034.89	1,160.58
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0065	EA 400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	5,262.76	1,231.51
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0066	120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0067	EA 50 Amp Rating, 8 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity.....	1,570.17	270.80
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0068	EA 50 Amp Rating, 10 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	1,723.15	270.80
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0069	EA 50 Amp Rating, 12 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	1,908.51	356.77
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0070	EA 50 Amp Rating, 14 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	2,178.70	356.77
	<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0071	EA		100 Amp Rating 16 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity 2,534.36 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,534.36	537.31
26 24 16 00-0072	EA		100 Amp Rating, 18 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity 2,695.01 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,695.01	537.31
26 24 16 00-0073	EA		100 Amp Rating, 20 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity 2,866.91 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,866.91	627.57
26 24 16 00-0074	EA		100 Amp Rating, 22 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity 3,007.41 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,007.41	627.57
26 24 16 00-0075	EA		100 Amp Rating, 24 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity 3,201.52 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,201.52	726.44
26 24 16 00-0076	EA		100 Amp Rating, 26 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity 3,329.07 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,329.07	726.44
26 24 16 00-0077	EA		100 Amp Rating, 28 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity 3,547.86 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,547.86	816.71
26 24 16 00-0078	EA		100 Amp Rating, 30 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity 3,738.72 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,738.72	816.71
26 24 16 00-0079	EA		225 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity 5,009.18 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,009.18	945.66
26 24 16 00-0080	EA		225 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity 5,218.29 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,218.29	997.24
26 24 16 00-0081	EA		225 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity 5,300.00 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,300.00	997.24
26 24 16 00-0082	EA		225 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity 5,530.91 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,530.91	1,126.20
26 24 16 00-0083	EA		225 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity 5,703.14 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,703.14	1,126.20
26 24 16 00-0084	EA		225 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity 5,800.21 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,800.21	1,126.20
26 24 16 00-0085	EA		400 Amp Rating, 32 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity 5,978.98 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	5,978.98	1,035.94
26 24 16 00-0086	EA		400 Amp Rating, 34 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity 6,204.14 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	6,204.14	1,096.10
26 24 16 00-0087	EA		400 Amp Rating, 36 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity 6,287.78 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	6,287.78	1,126.20
26 24 16 00-0088	EA		400 Amp Rating, 38 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 42 Circuit Capacity 6,534.81 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	6,534.81	1,194.98
26 24 16 00-0089	EA		400 Amp Rating, 40 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity 6,705.25 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	6,705.25	1,229.36
26 24 16 00-0090	EA		400 Amp Rating, 42 - 20 Amp Breakers, 120/208 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity 6,853.79 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	6,853.79	1,272.35
26 24 16 00-0091			480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0092)</small>		
26 24 16 00-0092	EA		100 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity 1,478.71 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	1,478.71	275.10
26 24 16 00-0093	EA		100 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity 1,681.97 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	1,681.97	275.10
26 24 16 00-0094	EA		100 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity 1,877.86 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	1,877.86	378.27
26 24 16 00-0095	EA		100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity 2,081.10 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,081.10	378.27
26 24 16 00-0096	EA		100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity 2,272.30 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,272.30	472.83
26 24 16 00-0097	EA		100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity 2,472.46 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,472.46	472.83
26 24 16 00-0098	EA		100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity 2,680.26 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,680.26	571.69
26 24 16 00-0099	EA		100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity 2,872.77 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	2,872.77	571.69
26 24 16 00-0100	EA		100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity 3,081.96 <i>For Weathertight NEMA 3R Panelboards, Add</i> 348.00	3,081.96	679.16

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0101	EA		100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	3,284.77	679.16
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0102	EA		100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	3,473.22	773.73
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0103	EA		100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity.....	3,673.37	773.73
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0104	EA		225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,091.02	941.36
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0105	EA		225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,290.97	941.36
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0106	EA		225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,502.26	1,031.64
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0107	EA		225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity.....	4,663.12	1,031.64
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0108	EA		225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	4,895.46	1,139.10
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0109	EA		225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity.....	5,068.33	1,139.10
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0110			480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards (26 24 16 00-0002)		
26 24 16 00-0111	EA		50 Amp Rating, 8 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity.....	1,894.28	292.30
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0112	EA		50 Amp Rating, 10 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	2,093.46	318.09
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0113	EA		50 Amp Rating, 12 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity.....	2,294.59	395.46
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0114	EA		100 Amp Rating, 14 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity.....	3,062.74	481.43
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0115	EA		100 Amp Rating, 16 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity.....	3,267.47	533.01
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0116	EA		100 Amp Rating, 18 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	3,457.09	575.99
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0117	EA		100 Amp Rating, 20 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity.....	3,662.61	627.57
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0118	EA		100 Amp Rating, 22 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	3,861.66	679.16
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0119	EA		100 Amp Rating, 24 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,046.66	722.14
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0120	EA		100 Amp Rating, 26 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,242.67	765.13
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0121	EA		100 Amp Rating, 28 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,451.97	816.71
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0122	EA		100 Amp Rating, 30 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity.....	4,677.57	881.19
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0123	EA		225 Amp Rating, 32 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	6,021.01	980.05
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0124	EA		225 Amp Rating, 34 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	6,238.73	1,040.23
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0125	EA		225 Amp Rating, 36 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	6,403.22	1,066.02
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0126	EA		225 Amp Rating, 38 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity.....	6,643.94	1,134.80
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0127	EA		225 Amp Rating, 40 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity.....	6,821.62	1,177.78
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0128	EA		225 Amp Rating, 42 - 20 Amp Breakers, 480 Volt, 3 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity.....	7,004.62	1,214.75
			<i>For Weatheright NEMA 3R Panelboards, Add</i>	348.00	
26 24 16 00-0129			277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0130	EA		100 Amp Rating , 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 12 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,196.28 348.00	300.89
26 24 16 00-0131	EA		100 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,569.86 348.00	300.89
26 24 16 00-0132	EA		100 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,938.20 348.00	399.76
26 24 16 00-0133	EA		100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,308.15 348.00	399.76
26 24 16 00-0134	EA		100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,681.32 348.00	494.33
26 24 16 00-0135	EA		100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,050.33 348.00	494.33
26 24 16 00-0136	EA		100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,422.58 348.00	593.19
26 24 16 00-0137	EA		100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,793.98 348.00	593.19
26 24 16 00-0138	EA		100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,183.88 348.00	696.35
26 24 16 00-0139	EA		100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,538.35 348.00	696.35
26 24 16 00-0140	EA		100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,903.18 348.00	700.65
26 24 16 00-0141	EA		100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,280.48 348.00	700.65
26 24 16 00-0142	EA		225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,890.47 348.00	971.46
26 24 16 00-0143	EA		225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,268.57 348.00	971.46
26 24 16 00-0144	EA		225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,598.80 348.00	1,023.04
26 24 16 00-0145	EA		225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 42 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	7,996.22 348.00	1,091.82
26 24 16 00-0146	EA		225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	8,337.44 348.00	1,091.82
26 24 16 00-0147	EA		225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Main Lugs, 54 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	8,760.06 348.00	1,194.98
26 24 16 00-0148			277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0149	EA		50 Amp Rating, 8 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 12 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	2,670.44 348.00	369.67
26 24 16 00-0150	EA		50 Amp Rating, 10 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,048.79 348.00	369.67
26 24 16 00-0151	EA		50 Amp Rating, 12 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, Up To 50 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	3,419.35 348.00	490.03
26 24 16 00-0152	EA		100 Amp Rating, 14 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,103.69 348.00	490.03
26 24 16 00-0153	EA		100 Amp Rating, 16 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 20 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,482.23 348.00	618.98
26 24 16 00-0154	EA		100 Amp Rating, 18 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	4,860.47 348.00	618.98
26 24 16 00-0155	EA		100 Amp Rating, 20 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 24 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,232.24 348.00	709.25
26 24 16 00-0156	EA		100 Amp Rating, 22 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,589.96 348.00	709.25
26 24 16 00-0157	EA		100 Amp Rating, 24 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	5,958.69 348.00	808.11
26 24 16 00-0158	EA		100 Amp Rating, 26 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity <i>For Weathertight NEMA 3R Panelboards, Add</i>	6,340.71 348.00	808.11

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 16 00-0159	EA	100 Amp Rating, 28 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	6,695.36		894.08
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0160	EA	100 Amp Rating, 30 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >50 To 100 Amp Main Breaker, 30 Circuit Capacity	7,058.33		894.08
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0161	EA	225 Amp Rating, 32 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	9,514.88		1,057.42
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0162	EA	225 Amp Rating, 34 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	9,912.30		1,057.42
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0163	EA	225 Amp Rating, 36 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	10,253.52		1,156.28
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0164	EA	225 Amp Rating, 38 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 42 Circuit Capacity	10,676.14		1,156.28
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0165	EA	225 Amp Rating, 40 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	11,031.86		1,263.75
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0166	EA	225 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >100 To 225 Amp Main Breaker, 54 Circuit Capacity	7,895.33		1,263.75
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0167	EA	400 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >225 To 400 Amp Main Breaker, 54 Circuit Capacity	13,231.55		1,407.32
		<i>For Weathertight NEMA 3R Panelboards, Add</i>	348.00		
26 24 16 00-0168	EA	600 Amp Rating, 42 - 20 Amp Breakers, 277/480 Volt, 4 Wire, 3 Phase Assembled Panelboard, >400 To 600 Amp Main Breaker, 54 Circuit Capacity	16,157.67		1,689.29
26 24 16 00-0169		Unassembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> Note: Listed panelboards include the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device).			
26 24 16 00-0170		240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.			
26 24 16 00-0171		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>			
26 24 16 00-0172	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	600.07		
26 24 16 00-0173	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	687.51		
26 24 16 00-0174	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	923.30		
26 24 16 00-0175	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,063.09		
26 24 16 00-0176	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,200.54		
26 24 16 00-0177	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,336.87		
26 24 16 00-0178	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,449.09		
26 24 16 00-0179	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,584.09		
26 24 16 00-0180	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,676.14		
26 24 16 00-0181	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,786.41		
26 24 16 00-0182	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,944.06		
26 24 16 00-0183		Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>			
26 24 16 00-0184	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	888.98		
26 24 16 00-0185	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,002.38		
26 24 16 00-0186	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,596.21		
26 24 16 00-0187	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,766.49		
26 24 16 00-0188	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,924.05		
26 24 16 00-0189	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,418.02		
26 24 16 00-0190	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,596.92		
26 24 16 00-0191	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	3,761.89		

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

26 24 16 00-0192		Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0193	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,247.43	
26 24 16 00-0194	EA	100 Amp Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,327.48	
26 24 16 00-0195	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,547.84	
26 24 16 00-0196	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,684.56	
26 24 16 00-0197	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,810.29	
26 24 16 00-0198	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,066.23	
26 24 16 00-0199	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,170.44	
26 24 16 00-0200	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,298.04	
26 24 16 00-0201	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,446.80	
26 24 16 00-0202	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,552.91	
26 24 16 00-0203	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,699.16	
26 24 16 00-0204		Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0205	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,528.94	
26 24 16 00-0206	EA	100 Amp Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	1,634.33	
26 24 16 00-0207	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,340.36	
26 24 16 00-0208	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,495.85	
26 24 16 00-0209	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	2,642.31	
26 24 16 00-0210	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,120.86	
26 24 16 00-0211	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,292.37	
26 24 16 00-0212	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboard	4,455.49	
26 24 16 00-0213		240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small>		
		Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0215	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	673.95	
26 24 16 00-0216	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	790.33	
26 24 16 00-0217	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	885.20	
26 24 16 00-0218	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	992.87	
26 24 16 00-0219	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,141.22	
26 24 16 00-0220	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,261.51	
26 24 16 00-0221	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,453.15	
26 24 16 00-0222	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,563.09	
26 24 16 00-0223	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,683.04	
26 24 16 00-0224	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,805.99	
26 24 16 00-0225	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,998.81	
26 24 16 00-0226	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	2,380.51	
26 24 16 00-0227		Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0228	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,044.88	
26 24 16 00-0229	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,176.80	
26 24 16 00-0230	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard	1,329.65	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 16 00-0231	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,991.63	
26 24 16 00-0232	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,153.77	
26 24 16 00-0233	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,297.80	
26 24 16 00-0234	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		3,208.10	
26 24 16 00-0235	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		3,371.78	
26 24 16 00-0236	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		3,508.74	
26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>					
26 24 16 00-0238	EA	100 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,321.31	
26 24 16 00-0239	EA	100 Amp Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,430.29	
26 24 16 00-0240	EA	100 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,517.15	
26 24 16 00-0241	EA	225 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,617.42	
26 24 16 00-0242	EA	225 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,762.68	
26 24 16 00-0243	EA	225 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,871.26	
26 24 16 00-0244	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,182.51	
26 24 16 00-0245	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,284.44	
26 24 16 00-0246	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,396.98	
26 24 16 00-0247	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,576.65	
26 24 16 00-0248	EA	600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,755.30	
26 24 16 00-0249	EA	600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		3,137.00	
26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>					
26 24 16 00-0251	EA	100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,684.84	
26 24 16 00-0252	EA	100 Amp Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,808.75	
26 24 16 00-0253	EA	100 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		1,957.28	
26 24 16 00-0254	EA	225 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,735.78	
26 24 16 00-0255	EA	225 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		2,883.13	
26 24 16 00-0256	EA	225 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		3,016.06	
26 24 16 00-0257	EA	400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		4,557.32	
26 24 16 00-0258	EA	400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		4,727.41	
26 24 16 00-0259	EA	400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboard		4,875.22	
26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal.					
26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>					
26 24 16 00-0262	EA	125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		983.47	
26 24 16 00-0263	EA	125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,073.97	
26 24 16 00-0264	EA	250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,473.74	
26 24 16 00-0265	EA	250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,638.80	
26 24 16 00-0266	EA	250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,781.09	
26 24 16 00-0267	EA	400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,759.30	
26 24 16 00-0268	EA	400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		1,848.55	
26 24 16 00-0269	EA	400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,004.97	
26 24 16 00-0270	EA	600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard		2,066.99	

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

26 24 16 00-0271	EA			600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,214.97	
26 24 16 00-0272	EA			600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,414.76	
26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>						
26 24 16 00-0274	EA			100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,045.47	
26 24 16 00-0275	EA			100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,110.32	
26 24 16 00-0276	EA			125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,289.00	
26 24 16 00-0277	EA			125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,405.96	
26 24 16 00-0278	EA			125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,626.88	
26 24 16 00-0279	EA			250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,417.43	
26 24 16 00-0280	EA			250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,560.51	
26 24 16 00-0281	EA			250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,742.22	
26 24 16 00-0282	EA			400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,834.84	
26 24 16 00-0283	EA			400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,012.60	
26 24 16 00-0284	EA			400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,177.30	
26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>						
26 24 16 00-0286	EA			125 Amp Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,608.63	
26 24 16 00-0287	EA			125 Amp Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,699.13	
26 24 16 00-0288	EA			250 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,084.10	
26 24 16 00-0289	EA			250 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,356.44	
26 24 16 00-0290	EA			250 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,486.40	
26 24 16 00-0291	EA			400 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,464.62	
26 24 16 00-0292	EA			400 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,535.37	
26 24 16 00-0293	EA			400 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,665.27	
26 24 16 00-0294	EA			600 Amp Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,788.95	
26 24 16 00-0295	EA			600 Amp Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,921.76	
26 24 16 00-0296	EA			600 Amp Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,088.91	
26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>						
26 24 16 00-0298	EA			100 Amp Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,803.81	
26 24 16 00-0299	EA			100 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,868.66	
26 24 16 00-0300	EA			125 Amp Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,904.91	
26 24 16 00-0301	EA			125 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,016.33	
26 24 16 00-0302	EA			125 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,344.53	
26 24 16 00-0303	EA			250 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,122.74	
26 24 16 00-0304	EA			250 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,247.33	
26 24 16 00-0305	EA			250 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,402.53	
26 24 16 00-0306	EA			400 Amp Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,495.15	
26 24 16 00-0307	EA			400 Amp Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,655.89	
26 24 16 00-0308	EA			400 Amp Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,817.89	
26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>						
Note: As manufactured by Square D or equal.						

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 24 16 00-0310		Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0311	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,025.39	
26 24 16 00-0312	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,116.51	
26 24 16 00-0313	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,289.03	
26 24 16 00-0314	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,535.42	
26 24 16 00-0315	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,701.81	
26 24 16 00-0316	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,842.90	
26 24 16 00-0317	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,840.95	
26 24 16 00-0318	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	1,949.66	
26 24 16 00-0319	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,104.94	
26 24 16 00-0320	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,167.28	
26 24 16 00-0321	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,315.71	
26 24 16 00-0322	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Lugs, Unassembled	2,516.15	
26 24 16 00-0323		Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0324	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,261.26	
26 24 16 00-0325	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,326.72	
26 24 16 00-0326	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,519.01	
26 24 16 00-0327	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,585.60	
26 24 16 00-0328	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,703.11	
26 24 16 00-0329	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	2,923.39	
26 24 16 00-0330	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,765.46	
26 24 16 00-0331	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	3,910.27	
26 24 16 00-0332	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,090.06	
26 24 16 00-0333	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,251.88	
26 24 16 00-0334	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,431.47	
26 24 16 00-0335	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1 Panelboard, Main Breaker, Unassembled	4,595.93	
26 24 16 00-0336		Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0337	EA	125 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,650.55	
26 24 16 00-0338	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,741.67	
26 24 16 00-0339	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	1,904.95	
26 24 16 00-0340	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,145.79	
26 24 16 00-0341	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,419.45	
26 24 16 00-0342	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,548.21	
26 24 16 00-0343	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,548.12	
26 24 16 00-0344	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,636.48	
26 24 16 00-0345	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,765.25	
26 24 16 00-0346	EA	600 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	2,889.24	
26 24 16 00-0347	EA	600 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	3,022.26	
26 24 16 00-0348	EA	600 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Lugs, Unassembled	3,189.40	
26 24 16 00-0349		Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0350	EA	100 Amp, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,871.63	
26 24 16 00-0351	EA	100 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	2,937.09	
26 24 16 00-0352	EA	100 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,236.66	
26 24 16 00-0353	EA	125 Amp, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,201.52	
26 24 16 00-0354	EA	125 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,313.48	
26 24 16 00-0355	EA	125 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	3,641.03	
26 24 16 00-0356	EA	250 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,470.78	
26 24 16 00-0357	EA	250 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,597.09	
26 24 16 00-0358	EA	250 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,750.37	
26 24 16 00-0359	EA	400 Amp, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	4,912.18	
26 24 16 00-0360	EA	400 Amp, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled	5,074.52	

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

26 24 16 00-0361	EA	400 Amp, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12 Panelboard, Main Breaker, Unassembled.....	5,235.90	
26 24 16 00-0362		600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: Square D I-Line or equal.		
26 24 16 00-0363		Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>		
26 24 16 00-0364	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,664.92	255.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.50	
26 24 16 00-0365	EA	400 Amp Rating, 45" Breaker Mounted Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,974.01	255.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.46	
26 24 16 00-0366	EA	400 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,206.73	255.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.46	
26 24 16 00-0367	EA	600 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,445.96	420.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.01	
26 24 16 00-0368	EA	600 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,626.08	420.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.01	
26 24 16 00-0369	EA	600 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,823.73	420.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.01	
26 24 16 00-0370	EA	800 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,992.74	558.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.99	
26 24 16 00-0371	EA	800 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,165.11	559.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	336.01	
26 24 16 00-0372	EA	800 Amp Rating, 63" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,236.62	558.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.99	
26 24 16 00-0373	EA	800 Amp Rating, 99" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,808.06	558.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	334.99	
26 24 16 00-0374	EA	1,200 Amp Rating, 27" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,900.69	840.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	504.02	
26 24 16 00-0375	EA	1,200 Amp Rating, 45" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,289.63	840.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	504.02	
26 24 16 00-0376	EA	1,200 Amp Rating, 63" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,607.63	840.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	504.02	
26 24 16 00-0377	EA	1,200 Amp Rating, 99" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,995.76	840.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	504.02	
26 24 16 00-0378		Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>		
26 24 16 00-0379	EA	225 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,347.00	261.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.74	
26 24 16 00-0380	EA	400 Amp Rating, 27" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,419.79	296.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	177.79	
26 24 16 00-0381	EA	400 Amp Rating, 45" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,644.55	296.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	177.79	
26 24 16 00-0382	EA	400 Amp Rating, 81" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,306.05	296.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	177.79	
26 24 16 00-0383	EA	600 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,865.24	485.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	291.45	
26 24 16 00-0384	EA	600 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,236.03	487.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	292.22	
26 24 16 00-0385	EA	600 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,542.69	485.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	291.45	
26 24 16 00-0386	EA	800 Amp Rating, 36" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,660.57	649.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	389.63	
26 24 16 00-0387	EA	800 Amp Rating, 72" Breaker Mounting Space, 250 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,101.51	647.07
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	388.25	
26 24 16 00-0388	EA	800 Amp Rating, 72" Breaker Mounting Space, 600 Amp Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,539.86	647.07
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	388.25	
26 24 16 00-0389		Branch Circuit Breakers <small>(26 24 16 00-0001)</small> Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.		

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0390			Branch Circuit Breakers 10,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0390)</small>		
			Note: Includes connection of electrical wire.		
26 24 16 00-0391	EA		1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	42.09	15.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.31	
26 24 16 00-0392	EA		1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	42.09	15.47
			For Bolt-On, Add	11.28	
			For Installation In New Panelboard, Deduct	-8.60	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.31	
26 24 16 00-0393	EA		1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	60.78	19.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.89	
26 24 16 00-0394	EA		1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	89.68	18.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.38	
26 24 16 00-0395	EA		1 Pole GFI, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	124.67	18.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.38	
26 24 16 00-0396	EA		1 Pole GFI, 120/240 Volt, 15-30 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	144.63	18.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.38	
26 24 16 00-0397	EA		1 Pole GFI, 120/240 Volt, 15-20 Amp, "Arc Fault" Circuit Breaker, 10,000 Amp Interrupting Capacity	70.40	18.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.38	
26 24 16 00-0398	EA		2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	69.38	23.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 24 16 00-0399	EA		2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	69.38	23.21
			For Bolt-On, Add	17.70	
			For Installation In New Panelboard, Deduct	-12.90	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 24 16 00-0400	EA		2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	104.39	30.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	
26 24 16 00-0401	EA		2 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	172.03	38.68
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.79	
26 24 16 00-0402	EA		2 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	202.56	42.98
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.37	
26 24 16 00-0403	EA		2 Pole GFI, 120/240 Volt, 15-50 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	171.21	27.51
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.57	
26 24 16 00-0404	EA		2 Pole, GFI, 120/240 Volt, 15-50 Amp, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amp Interrupting Capacity	228.45	27.51
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.57	
26 24 16 00-0405	EA		3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	131.09	30.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	
26 24 16 00-0406	EA		3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	131.09	30.95
			For Bolt-On, Add	28.42	
			For Installation In New Panelboard, Deduct	-17.20	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	
26 24 16 00-0407	EA		3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	171.69	38.68
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.79	
26 24 16 00-0408	EA		3 Pole, 120/240 Volt, 110-125 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	258.88	46.42
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.95	
26 24 16 00-0409	EA		3 Pole, 120/240 Volt, 150 Amp, Branch Circuit Breaker, 10,000 Amp Interrupting Capacity	329.94	54.16
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.11	
26 24 16 00-0410			Branch Circuit Breakers 14,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0410)</small>		
			Note: Includes connection of electrical wire.		
26 24 16 00-0411	EA		1 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	60.23	15.47
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.31	
26 24 16 00-0412	EA		1 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	60.23	15.47
			For Bolt-On, Add	13.55	
			For Installation In New Panelboard, Deduct	-8.60	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.31	
26 24 16 00-0413	EA		1 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	107.14	19.34
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.89	
26 24 16 00-0414	EA		1 Pole GFI, 277/480 Volt, 15-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	164.27	18.91
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.38	
26 24 16 00-0415	EA		2 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	117.12	23.21
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 24 16 00-0416	EA		2 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	117.12	23.21
			For Bolt-On, Add	23.67	
			For Installation In New Panelboard, Deduct	-12.90	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.47	
26 24 16 00-0417	EA		2 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	229.81	30.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	
26 24 16 00-0418	EA		2 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	312.88	38.68
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.79	
26 24 16 00-0419	EA		2 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	458.94	42.98
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.37	
26 24 16 00-0420	EA		3 Pole, 277/480 Volt, 15-30 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	186.48	30.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	
26 24 16 00-0421	EA		3 Pole, 277/480 Volt, 35-60 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity	186.48	30.95
			For Bolt-On, Add	35.35	
			For Installation In New Panelboard, Deduct	-17.20	
			Note: Also for use with new interiors in panelboards.		
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.63	

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

26 24 16 00-0422	EA 3 Pole, 277/480 Volt, 70-100 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	278.44	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0423	EA 3 Pole, 277/480 Volt, 110-125 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	395.62	46.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
26 24 16 00-0424	EA 3 Pole, 277/480 Volt, 150 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	611.59	54.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.11	
26 24 16 00-0425	EA 3 Pole, 277/480 Volt, 175 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	705.52	58.03
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.69	
26 24 16 00-0426	EA 3 Pole, 277/480 Volt, 200 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	757.93	61.89
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.27	
26 24 16 00-0427	EA 3 Pole, 277/480 Volt, 225 Amp, Branch Circuit Breaker, 14,000 Amp Interrupting Capacity.....	896.44	65.76
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.85	

26 24 16 00-0428 Branch Circuit Breakers 18,000 Amp Interrupting Capacity, Plug-On (26 24 16 00-0389)

Note: Includes connection of electrical wire.

26 24 16 00-0429	EA 1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	72.15	15.47
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0430	EA 1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	72.15	15.47
	<i>For Bolt-On, Add</i>	15.04	
	<i>For Installation In New Panelboard, Deduct</i>	-8.60	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0431	EA 1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	118.91	19.34
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 24 16 00-0432	EA 2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	148.18	23.21
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0433	EA 2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	148.18	23.21
	<i>For Bolt-On, Add</i>	27.55	
	<i>For Installation In New Panelboard, Deduct</i>	-12.90	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0434	EA 2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	259.59	30.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0435	EA 2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	663.98	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0436	EA 3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	237.73	30.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0437	EA 3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	237.73	30.95
	<i>For Bolt-On, Add</i>	41.75	
	<i>For Installation In New Panelboard, Deduct</i>	-17.20	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0438	EA 3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	315.74	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0439	EA 3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 18,000 Amp Interrupting Capacity.....	821.89	46.42
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	

26 24 16 00-0440 Branch Circuit Breakers 22,000 Amp Interrupting Capacity, Plug-On (26 24 16 00-0389)

Note: Includes connection of electrical wire.

26 24 16 00-0441	EA 1 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	82.26	15.47
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0442	EA 1 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	82.26	15.47
	<i>For Bolt-On, Add</i>	16.30	
	<i>For Installation In New Panelboard, Deduct</i>	-8.60	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0443	EA 1 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	97.01	19.34
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 24 16 00-0444	EA 1 Pole GFI, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	162.91	18.91
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.38	
26 24 16 00-0445	EA 2 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	174.58	23.21
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0446	EA 2 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	174.58	23.21
	<i>For Bolt-On, Add</i>	30.85	
	<i>For Installation In New Panelboard, Deduct</i>	-12.90	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0447	EA 2 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	211.77	30.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0448	EA 2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	305.17	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0449	EA 2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	394.59	42.98
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.37	
26 24 16 00-0450	EA 2 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	492.62	50.29
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.53	
26 24 16 00-0451	EA 2 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	531.56	58.03
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.69	
26 24 16 00-0452	EA 3 Pole, 120/240 Volt, 15-30 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	212.21	30.95
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0453	EA 3 Pole, 120/240 Volt, 35-60 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	212.21	30.95
	<i>For Bolt-On, Add</i>	38.56	
	<i>For Installation In New Panelboard, Deduct</i>	-17.20	
	<i>Note: Also for use with new interiors in panelboards.</i>		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0454	EA 3 Pole, 120/240 Volt, 70-100 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	248.94	38.68
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0455	EA		3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	378.15	46.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
26 24 16 00-0456	EA		3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	496.32	60.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0457	EA		3 Pole, 240 Volt, 250 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	613.13	69.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.42	
26 24 16 00-0458	EA		3 Pole, 240 Volt, 300-400 Amp, Branch Circuit Breaker, 22,000 Amp Interrupting Capacity.....	652.04	73.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.00	
26 24 16 00-0459			Branch Circuit Breakers 25,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0389)</small>		
			<i>Note: Includes connection of electrical wire.</i>		
26 24 16 00-0460	EA		2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	181.17	23.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0461	EA		2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	181.17	23.21
			<i>For Bolt-On, Add</i>	31.67	
			<i>For Installation In New Panelboard, Deduct</i>	-12.90	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0462	EA		2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	275.52	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0463	EA		2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	447.65	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0464	EA		2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	697.43	48.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.24	
26 24 16 00-0465	EA		2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	790.60	50.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.53	
26 24 16 00-0466	EA		2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	863.85	58.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.69	
26 24 16 00-0467	EA		3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	260.40	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0468	EA		3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	260.40	30.95
			<i>For Bolt-On, Add</i>	44.59	
			<i>For Installation In New Panelboard, Deduct</i>	-17.20	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0469	EA		3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	328.01	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0470	EA		3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	556.89	46.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
26 24 16 00-0471	EA		3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	814.00	60.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0472	EA		3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	961.51	69.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.42	
26 24 16 00-0473	EA		3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 25,000 Amp Interrupting Capacity.....	1,040.29	73.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.00	
26 24 16 00-0474			Branch Circuit Breakers 30,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0389)</small>		
			<i>Note: Includes connection of electrical wire.</i>		
26 24 16 00-0475	EA		2 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	187.73	23.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0476	EA		2 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	187.73	23.21
			<i>For Bolt-On, Add</i>	32.49	
			<i>For Installation In New Panelboard, Deduct</i>	-12.90	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0477	EA		2 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	336.03	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0478	EA		2 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	615.43	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0479	EA		2 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	974.77	48.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.24	
26 24 16 00-0480	EA		2 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,109.57	50.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.53	
26 24 16 00-0481	EA		2 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,208.06	58.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.69	
26 24 16 00-0482	EA		3 Pole, 240/480 Volt, 15-30 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	305.78	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0483	EA		3 Pole, 240/480 Volt, 35-60 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	305.78	30.95
			<i>For Bolt-On, Add</i>	50.26	
			<i>For Installation In New Panelboard, Deduct</i>	-17.20	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0484	EA		3 Pole, 240/480 Volt, 70-100 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	406.67	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0485	EA		3 Pole, 240/480 Volt, 110-125 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	748.60	46.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
26 24 16 00-0486	EA		3 Pole, 240/480 Volt, 150-225 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	945.78	60.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0487	EA		3 Pole, 240/480 Volt, 250 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,509.16	69.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.42	
26 24 16 00-0488	EA		3 Pole, 240/480 Volt, 300-400 Amp, Branch Circuit Breaker, 30,000 Amp Interrupting Capacity.....	1,607.32	73.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.00	

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	-------	-------------	------------------------	----------------------

26 24 16 00-0489		Branch Circuit Breakers 35,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0389)</small> Note: Includes connection of electrical wire.		
	EA	1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	98.78	15.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
	EA	1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	98.78	15.47
		<i>For Bolt-On, Add</i>	18.36	
		<i>For Installation In New Panelboard, Deduct</i>	-8.60	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
	EA	1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	170.98	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
	EA	2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	214.57	23.21
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
	EA	2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	214.57	23.21
		<i>For Bolt-On, Add</i>	35.85	
		<i>For Installation In New Panelboard, Deduct</i>	-12.90	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
	EA	2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	391.57	30.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	726.37	38.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
	EA	2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,412.94	48.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.24	
	EA	3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	354.21	30.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	354.21	30.95
		<i>For Bolt-On, Add</i>	56.31	
		<i>For Installation In New Panelboard, Deduct</i>	-17.20	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	473.96	38.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
	EA	3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	894.83	46.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
	EA	3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 35,000 Amp Interrupting Capacity.....	1,756.77	60.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0503		Branch Circuit Breakers 42,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0389)</small> Note: Includes connection of electrical wire.		
	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	145.32	15.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
	EA	1 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	145.32	15.47
		<i>For Bolt-On, Add</i>	24.18	
		<i>For Installation In New Panelboard, Deduct</i>	-8.60	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
	EA	1 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	220.48	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	268.41	23.21
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
	EA	2 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	268.41	23.21
		<i>For Bolt-On, Add</i>	42.58	
		<i>For Installation In New Panelboard, Deduct</i>	-12.90	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
	EA	2 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	507.48	30.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	2 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	923.03	38.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
	EA	2 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	1,844.31	42.98
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.37	
	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	462.10	30.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	3 Pole, 240 Volt, 35-60 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	462.10	30.95
		<i>For Bolt-On, Add</i>	69.80	
		<i>For Installation In New Panelboard, Deduct</i>	-17.20	
		<i>Note: Also for use with new interiors in panelboards.</i>		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
	EA	3 Pole, 240 Volt, 70-100 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	640.65	38.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
	EA	3 Pole, 240 Volt, 110-125 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	1,041.06	46.42
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
	EA	3 Pole, 240 Volt, 150-225 Amp, Branch Circuit Breaker, 42,000 Amp Interrupting Capacity.....	2,326.75	60.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0517		Branch Circuit Breakers 65,000 Amp Interrupting Capacity, Plug-On <small>(26 24 16 00-0389)</small> Note: Includes connection of electrical wire.		
	EA	1 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	64.99	15.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
	EA	2 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	137.84	23.21
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
	EA	3 Pole, 240 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity.....	219.05	30.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0521	EA		1 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	137.34	15.47
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0522	EA		1 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	137.34	15.47
			<i>For Bolt-On, Add</i>	23.18	
			<i>For Installation In New Panelboard, Deduct</i>	-8.60	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 24 16 00-0523	EA		1 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	273.51	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0524	EA		2 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	312.76	23.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0525	EA		2 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	312.76	23.21
			<i>For Bolt-On, Add</i>	48.12	
			<i>For Installation In New Panelboard, Deduct</i>	-12.90	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.47	
26 24 16 00-0526	EA		2 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	607.43	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0527	EA		2 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	1,033.96	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0528	EA		2 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,283.93	48.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.24	
26 24 16 00-0529	EA		3 Pole, 480 Volt, 15-30 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	525.54	30.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0530	EA		3 Pole, 480 Volt, 35-60 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	525.54	30.95
			<i>For Bolt-On, Add</i>	77.73	
			<i>For Installation In New Panelboard, Deduct</i>	-17.20	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.63	
26 24 16 00-0531	EA		3 Pole, 480 Volt, 70-100 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	732.75	38.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.79	
26 24 16 00-0532	EA		3 Pole, 480 Volt, 110-125 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	1,121.74	46.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.95	
26 24 16 00-0533	EA		3 Pole, 480 Volt, 150-225 Amp, Branch Circuit Breaker, 65,000 Amp Interrupting Capacity	2,840.03	60.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.98	
26 24 16 00-0534			Residential Lighting And Power Panelboards (26 24 16 00-0001)		
26 24 16 00-0535			Residential Type Unassembled Load Center (26 24 16 00-0534)		
			<i>Note: Interior box and cover, includes ground bar kit.</i>		
26 24 16 00-0536			Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase (26 24 16 00-0535)		
26 24 16 00-0537	EA		30 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	124.96	42.98
26 24 16 00-0538	EA		70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	401.82	171.94
26 24 16 00-0539	EA		100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	616.27	245.44
26 24 16 00-0540	EA		125 Amp, 24 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,322.72	515.90
26 24 16 00-0541	EA		150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,449.89	558.81
26 24 16 00-0542			Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC (26 24 16 00-0535)		
			<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.</i>		
26 24 16 00-0543	EA		60 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	181.85	47.28
26 24 16 00-0544	EA		125 Amp, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	346.09	51.58
26 24 16 00-0545			Main Lug Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof (26 24 16 00-0535)		
26 24 16 00-0546	EA		40 Amp, 2 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	185.42	47.28
26 24 16 00-0547	EA		70 Amp, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	207.54	51.58
26 24 16 00-0548	EA		100 Amp, 8 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	687.72	245.44
26 24 16 00-0549	EA		150 Amp, 30 Circuit, Main Lug Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,558.62	558.81
26 24 16 00-0550			Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 V AC (26 24 16 00-0535)		
			<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.</i>		
26 24 16 00-0551	EA		60 A, 3 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	236.22	47.28
26 24 16 00-0552	EA		125 A, 20 Circuit, Main Lug Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	1,521.69	515.90
26 24 16 00-0553			Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase (26 24 16 00-0535)		
26 24 16 00-0554	EA		125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,661.33	515.90
26 24 16 00-0555	EA		150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	1,804.03	558.81
26 24 16 00-0556	EA		300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase, Unassembled.....	7,023.09	859.69
26 24 16 00-0557			Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC (26 24 16 00-0535)		
			<i>Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta.</i>		
26 24 16 00-0558	EA		125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	2,563.45	515.90
26 24 16 00-0559	EA		150 Amp, 40 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	2,798.57	558.81
26 24 16 00-0560	EA		300 Amp, 42 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled.....	7,782.16	859.69

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

26 24 16 00-0561		Main Breaker Load Center, 3 Wire 120/240 Volt, Single Phase, Rainproof <small>(26 24 16 00-0535)</small>		
26 24 16 00-0562	EA	125 Amp, 24 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,762.29	515.90
26 24 16 00-0563	EA	150 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled.....	1,976.44	558.81
26 24 16 00-0564		Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 V AC <small>(26 24 16 00-0535)</small>		
Note: 3 Phase 4 wire 240/120 V AC Delta, 3 phase 3 wire 240 V AC Delta, Rainproof.				
26 24 16 00-0565	EA	125 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	2,730.89	515.90
26 24 16 00-0566	EA	155 Amp, 30 Circuit, Main Breaker Load Center Panelboard, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled.....	2,816.74	558.81
26 24 16 00-0567		Residential Type Assembled Load Center <small>(26 24 16 00-0534)</small>		
26 24 16 00-0568		Main Lug Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase <small>(26 24 16 00-0567)</small>		
Note: Includes 1 pole plug-in breaker.				
26 24 16 00-0569	EA	100 Amp Main Lugs, Indoor 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	616.73	245.44
26 24 16 00-0570	EA	100 Amp Main Lugs, Indoor 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	758.28	286.71
26 24 16 00-0571	EA	100 Amp Main Lugs, Rainproof, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	633.82	245.44
26 24 16 00-0572	EA	100 Amp Main Lugs, Rainproof, 12 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	762.94	286.71
26 24 16 00-0573	EA	200 Amp Main Lugs, Indoor, 8 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,127.77	382.13
26 24 16 00-0574	EA	200 Amp Main Lugs, Indoor, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,325.80	458.65
26 24 16 00-0575	EA	200 Amp Main Lugs, Indoor, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,513.31	529.14
26 24 16 00-0576	EA	200 Amp Main Lugs, Indoor, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,673.75	572.82
26 24 16 00-0577	EA	200 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,503.78	859.69
26 24 16 00-0578	EA	200 Amp Main Lugs, Rainproof, 16 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,188.35	382.13
26 24 16 00-0579	EA	200 Amp Main Lugs, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,383.27	458.65
26 24 16 00-0580	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,570.78	529.14
26 24 16 00-0581	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,728.12	572.82
26 24 16 00-0582	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	2,682.40	859.69
26 24 16 00-0583	EA	400 Amp Main Lugs, Indoor, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	3,145.26	955.21
26 24 16 00-0584	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	3,331.65	955.21
26 24 16 00-0585		Main Lug Load Center, 4 Wire, 20 Amp, 120/208 V <small>(26 24 16 00-0567)</small>		
Note: Includes 1 pole plug-in breaker.				
26 24 16 00-0586	EA	125 Amp Main Lugs, Indoor, 12 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	845.26	286.71
26 24 16 00-0587	EA	125 Amp Main Lugs, Indoor, 18 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,258.87	429.85
26 24 16 00-0588	EA	125 Amp Main Lugs, Rainproof, 12 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	896.51	286.71
26 24 16 00-0589	EA	125 Amp Main Lugs, Rainproof, 18 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,305.47	429.85
26 24 16 00-0590	EA	200 Amp Main Lugs, Indoor, 24 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,601.84	529.14
26 24 16 00-0591	EA	200 Amp Main Lugs, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,752.02	573.16
26 24 16 00-0592	EA	200 Amp Main Lugs, Indoor, 36 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,152.57	688.01
26 24 16 00-0593	EA	200 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,565.91	859.69
26 24 16 00-0594	EA	200 Amp Main Lugs, Rainproof, 24 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,656.21	529.14
26 24 16 00-0595	EA	200 Amp Main Lugs, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	1,813.54	572.82
26 24 16 00-0596	EA	200 Amp Main Lugs, Rainproof, 36 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,361.38	687.49
26 24 16 00-0597	EA	200 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,775.60	859.69
26 24 16 00-0598	EA	400 Amp Main Lugs, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,191.86	955.21
26 24 16 00-0599	EA	400 Amp Main Lugs, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,378.24	955.21
26 24 16 00-0600		Main Breaker Load Center, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase <small>(26 24 16 00-0567)</small>		
Note: Includes 1 pole plug-in breaker.				
26 24 16 00-0601	EA	125 Amp Main Breaker, Indoor, 12 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	839.04	286.71
26 24 16 00-0602	EA	125 Amp Main Breaker, Indoor, 18 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,237.13	429.85
26 24 16 00-0603	EA	200 Amp Main Breaker, Indoor, 20 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,453.17	458.65
26 24 16 00-0604	EA	200 Amp Main Breaker, Indoor, 24 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,664.49	529.40
26 24 16 00-0605	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, With 1 Pole Plug-In Breakers	1,837.45	573.16
26 24 16 00-0606	EA	200 Amp Main Breaker, Indoor, 40 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,429.50	764.27
26 24 16 00-0607	EA	200 Amp Main Breaker, Rainproof, 20 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,468.70	458.65
26 24 16 00-0608	EA	200 Amp Main Breaker, Rainproof, 24 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,695.04	529.14
26 24 16 00-0609	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	1,844.61	572.82
26 24 16 00-0610	EA	200 Amp Main Breaker, Rainproof, 40 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	2,344.07	764.27
26 24 16 00-0611	EA	400 Amp Main Breaker, Indoor, 42 Circuit, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	4,745.10	955.21
26 24 16 00-0612	EA	400 Amp Main Breaker, Rainproof, 42 Circuits, 3 Wire, 20 Amp, 120/240 Volt, 1 Phase, 1 Pole Plug-In Breaker	5,055.75	955.21
26 24 16 00-0613		Main Breaker Load Center, 4 Wire, 20 Amp, 120/208 V <small>(26 24 16 00-0567)</small>		
Note: Includes 1 pole plug-in breaker.				
26 24 16 00-0614	EA	200 Amp Main Breaker, Indoor, 30 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,272.36	573.16
26 24 16 00-0615	EA	200 Amp Main Breaker, Indoor, 42 Circuit, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,062.95	859.69
26 24 16 00-0616	EA	200 Amp Main Breaker, Rainproof, 30 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	2,364.95	572.82
26 24 16 00-0617	EA	200 Amp Main Breaker, Rainproof, 42 Circuits, 4 Wire, 20 Amp, 120/208 Volt, 1 Pole Plug-In Breaker	3,156.14	859.69
26 24 16 00-0618		Panel Mounted Accessories And Fuseholders <small>(26 24 16 00-0001)</small>		
26 24 16 00-0619		Midget Finger-Safe Fuse Holders <small>(26 24 16 00-0618)</small>		
Note: 30 Amp capacity. Excludes fuse.				

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 16 00-0620	EA 1 Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.02 10.31	15.47
26 24 16 00-0621	EA 1 Pole With Indicator Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.95 10.31	15.47
26 24 16 00-0622	EA 2 Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.95 15.47	23.21
26 24 16 00-0623	EA 2 Pole With Indicators Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.05 15.47	23.21
26 24 16 00-0624	EA 3 Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	112.49 20.63	30.95
26 24 16 00-0625	EA 3 Pole With Indicators Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.53 20.63	30.95
26 24 16 00-0626	EA 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder Note: With indicators. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.64 20.63	30.95
26 24 16 00-0627	EA 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.98 20.63	30.95
26 24 16 00-0628	EA 4 Pole Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.48 25.79	38.68
26 24 16 00-0629	EA 4 Pole With Indicator Midget Finger-Safe Fuse Holder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	167.88 25.79	38.68
26 24 16 00-0630	EA 12 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.98 10.31	15.47
26 24 16 00-0631	EA 20 To 24 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.66 10.31	15.47
26 24 16 00-0632	EA 35 To 48 Volt DC Midget Finger-Safe Fuse Holder Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.66 10.31	15.47
26 24 16 00-0633	Removal And Reinstallation Of Panelboards (26 24 16 00-0001) Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0634	EA Remove And Reinstall Panelboards With Breakers, Up To 42 Circuit Capacity Note: Includes removal and reinstallation of main wiring to panelboard. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,080.88 322.39	
26 24 16 00-0635	EA Remove And Reinstall Breaker, 1-2-3 Pole, Any Amperage <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.68 16.76	
26 24 16 00-0636	EA Panelboard Filler Plate, Fits 1" Opening <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.49 0.81	
26 24 19	Motor-Control Centers (26 24)		
26 24 19 00-0001	Combination Starters With Molded Case Circuit Breakers (26 24 19) Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002	230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001) Note: 1-Speed non-reversing.		
26 24 19 00-0003	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,914.99 47.16	78.59
26 24 19 00-0004	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,270.37 49.52	82.52
26 24 19 00-0005	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,386.97 51.87	86.45
26 24 19 00-0006	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,152.57 61.31	102.17
26 24 19 00-0007	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,411.70 70.73	117.89
26 24 19 00-0008	EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,891.35 94.31	157.19
26 24 19 00-0009	480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001) Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,914.99 47.16	78.59
26 24 19 00-0011	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,270.37 49.52	82.52
26 24 19 00-0012	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,386.97 51.87	86.45
26 24 19 00-0013	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,152.57 61.31	102.17
26 24 19 00-0014	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,411.70 70.73	117.89
26 24 19 00-0015	EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,891.35 94.31	157.19
26 24 19 00-0016	230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001) Note: 1-Speed reversing.		
26 24 19 00-0017	EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,782.86 47.16	78.59
26 24 19 00-0018	EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,713.75 49.52	82.52
26 24 19 00-0019	EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,330.48 51.87	86.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0020 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit.....	9,337.21	102.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0021 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit.....	18,396.69	117.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73	
26 24 19 00-0022 EA 230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit.....	31,713.98	157.19
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0023 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)		
Note: 1-Speed reversing.		
26 24 19 00-0024 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit.....	2,782.86	78.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0025 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit.....	3,713.75	82.52
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52	
26 24 19 00-0026 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit.....	5,330.48	86.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.87	
26 24 19 00-0027 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit.....	9,337.21	102.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0028 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit.....	18,396.69	117.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73	
26 24 19 00-0029 EA 480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit.....	31,713.98	157.19
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0030 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)		
Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit.....	3,379.13	125.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45	
26 24 19 00-0032 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit.....	4,656.21	133.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.17	
26 24 19 00-0033 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit.....	6,867.34	141.47
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.88	
26 24 19 00-0034 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	12,292.22	161.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0035 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	20,380.55	188.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.18	
26 24 19 00-0036 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)		
Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit.....	3,379.13	125.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45	
26 24 19 00-0038 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit.....	4,656.21	133.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.17	
26 24 19 00-0039 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	6,867.34	141.47
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.88	
26 24 19 00-0040 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	12,292.22	161.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0041 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit.....	20,380.55	188.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.18	
26 24 19 00-0042 230 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)		
Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit.....	3,917.35	78.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0044 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit.....	5,837.46	82.52
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52	
26 24 19 00-0045 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit.....	7,996.61	86.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.87	
26 24 19 00-0046 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	15,035.36	102.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0047 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	26,062.26	117.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73	
26 24 19 00-0048 480 Volt Combination With Molded Case Circuit, Full Volt (26 24 19 00-0001)		
Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit.....	3,917.35	78.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0050 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit.....	5,837.46	82.52
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52	
26 24 19 00-0051 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit.....	7,996.61	86.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.87	
26 24 19 00-0052 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit.....	15,035.36	102.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0053 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit.....	26,062.26	117.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73	
26 24 19 00-0054 230 Volt Combination With Molded Case Circuit (26 24 19 00-0001)		
Note: Reducing volt, auto-transformer.		
26 24 19 00-0055 EA 230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit.....	5,800.69	82.52
26 24 19 00-0056 EA 230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit.....	8,888.89	90.38
26 24 19 00-0057 EA 230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit.....	14,993.07	102.17
26 24 19 00-0058 EA 230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit.....	23,201.23	117.89
26 24 19 00-0059 EA 230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit.....	39,701.32	157.19

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 24 19 00-0060		480 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, auto-transformer.			
26 24 19 00-0061	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit	5,800.69		82.52
26 24 19 00-0062	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit	8,888.89		90.38
26 24 19 00-0063	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit	14,993.07		102.17
26 24 19 00-0064	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit	23,201.23		117.89
26 24 19 00-0065	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit	39,701.32		157.19
26 24 19 00-0066		230 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, part winding.			
26 24 19 00-0067	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit	3,947.29		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0068	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit	5,102.69		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0069	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit	8,991.74		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0070	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	15,341.66		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0071	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	21,080.00		251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91		
26 24 19 00-0072		480 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, part winding.			
26 24 19 00-0073	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit	3,947.29		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0074	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit	5,102.69		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0075	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit	8,991.74		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0076	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit	15,341.66		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0077	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit	21,080.00		251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91		
26 24 19 00-0078		230 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, energy saver.			
26 24 19 00-0079	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit	16,396.00		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0080	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit	17,390.08		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0081	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit	19,201.89		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0082	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	29,085.13		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0083	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	39,671.43		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0084	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	53,840.24		251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91		
26 24 19 00-0085		480 Volt Combination With Molded Case Circuit (26 24 19 00-0001) Note: Reducing volt, energy saver.			
26 24 19 00-0086	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit	16,396.00		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0087	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit	17,390.08		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0088	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit	19,201.89		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0089	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit	29,085.13		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0090	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit	39,671.43		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0091	EA	480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit	53,840.24		251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91		
26 24 19 00-0092		Combination Starters With Current Limiting Circuit Breakers (26 24 19) Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.			
26 24 19 00-0093		230 Volt Combination Starters With Current Limiting Circuit (26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0094 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,567.73 47.16	78.59
26 24 19 00-0095 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,923.11 49.52	82.52
26 24 19 00-0096 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,528.81 51.87	86.45
26 24 19 00-0097 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,357.18 61.31	102.17
26 24 19 00-0098 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,974.85 70.73	117.89
26 24 19 00-0099 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,416.15 94.31	157.19
26 24 19 00-0100 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,567.73 47.16	78.59
26 24 19 00-0102 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,923.11 49.52	82.52
26 24 19 00-0103 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,528.81 51.87	86.45
26 24 19 00-0104 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,357.18 61.31	102.17
26 24 19 00-0105 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,974.85 70.73	117.89
26 24 19 00-0106 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,416.15 94.31	157.19
26 24 19 00-0107 230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed reversing.		
26 24 19 00-0108 EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,430.09 47.16	78.59
26 24 19 00-0109 EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,353.62 49.52	82.52
26 24 19 00-0110 EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,446.58 51.87	86.45
26 24 19 00-0111 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,512.40 61.31	102.17
26 24 19 00-0112 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,908.36 70.73	117.89
26 24 19 00-0113 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed reversing.		
26 24 19 00-0114 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,430.09 47.16	78.59
26 24 19 00-0115 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,353.62 49.52	82.52
26 24 19 00-0116 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,446.58 51.87	86.45
26 24 19 00-0117 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,512.40 61.31	102.17
26 24 19 00-0118 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,908.36 70.73	117.89
26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,015.32 75.45	125.75
26 24 19 00-0121 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,283.21 80.17	133.61
26 24 19 00-0122 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,965.05 84.88	141.47
26 24 19 00-0123 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,441.67 96.67	161.12
26 24 19 00-0124 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,872.00 113.18	188.63
26 24 19 00-0125 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,015.32 75.45	125.75
26 24 19 00-0127 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,283.21 80.17	133.61
26 24 19 00-0128 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,965.05 84.88	141.47

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 19 00-0129	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	.....	14,441.67	161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		96.67	
26 24 19 00-0130	EA	480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	.....	22,872.00	188.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		113.18	
26 24 19 00-0131		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Full volt, 2-speed non-reversing, 1 wind.			
26 24 19 00-0132	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	.....	4,632.13	117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		70.73	
26 24 19 00-0133	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	.....	6,539.87	125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		75.45	
26 24 19 00-0134	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	.....	9,183.11	133.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		80.17	
26 24 19 00-0135	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	.....	17,261.23	153.26
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		91.95	
26 24 19 00-0136	EA	230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	.....	28,629.83	180.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		108.47	
26 24 19 00-0137		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Full volt, 2-speed non-reversing, 1 wind.			
26 24 19 00-0138	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	.....	4,632.13	117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		70.73	
26 24 19 00-0139	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	.....	6,539.87	125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		75.45	
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	.....	9,183.11	133.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		80.17	
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	.....	17,261.23	153.26
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		91.95	
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	.....	28,629.83	180.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		108.47	
26 24 19 00-0143		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, auto-transformer.			
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	.....	6,418.49	82.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		49.52	
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	.....	10,345.14	90.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		54.23	
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	.....	17,495.55	102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		61.31	
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	.....	26,512.74	117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		70.73	
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	.....	43,630.64	157.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		94.31	
26 24 19 00-0149		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, auto-transformer.			
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	.....	6,418.49	82.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		49.52	
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	.....	10,345.14	90.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		54.23	
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	.....	17,495.55	102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		61.31	
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	.....	26,512.74	117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		70.73	
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	.....	43,630.64	157.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		94.31	
26 24 19 00-0155		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, part winding.			
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	.....	4,583.48	125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		75.45	
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	.....	5,726.01	145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		87.24	
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	.....	10,082.10	161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		96.67	
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	.....	17,875.40	196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		117.89	
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	.....	26,379.15	251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		150.91	

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

26 24 19 00-0161	480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
26 24 19 00-0162	EA 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit.....	4,583.48	125.75
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45	
26 24 19 00-0163	EA 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit.....	5,726.01	145.40
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24	
26 24 19 00-0164	EA 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit.....	10,082.10	161.12
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0165	EA 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit.....	17,875.40	196.49
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0166	EA 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit.....	26,379.15	251.50
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91	
26 24 19 00-0167	230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
26 24 19 00-0168	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit.....	16,923.71	102.17
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0169	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit.....	17,912.27	125.75
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45	
26 24 19 00-0170	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit.....	19,705.70	145.40
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24	
26 24 19 00-0171	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit.....	29,502.52	161.12
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0172	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit.....	39,995.04	196.49
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0173	EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	56,059.56	251.50
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91	
26 24 19 00-0174	480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
26 24 19 00-0175	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit.....	16,923.74	102.17
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0176	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit.....	17,912.27	125.75
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45	
26 24 19 00-0177	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit.....	19,705.70	145.40
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24	
26 24 19 00-0178	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit.....	29,502.52	161.12
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0179	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit.....	39,995.04	196.49
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0180	EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit.....	56,059.56	251.50
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91	
26 24 19 00-0181	Combination Starters With Fusible Switch <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
26 24 19 00-0182	230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0183	EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,701.70	78.59
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0184	EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	2,353.11	82.52
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52	
26 24 19 00-0185	EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,979.03	86.45
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.87	
26 24 19 00-0186	EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	7,029.63	102.17
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	
26 24 19 00-0187	EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	11,422.47	117.89
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73	
26 24 19 00-0188	EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	20,385.71	157.19
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0189	480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0190	EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	1,701.70	78.59
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0191	EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	2,353.11	82.52
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52	
26 24 19 00-0192	EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	3,979.03	86.45
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.87	
26 24 19 00-0193	EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	7,029.63	102.17
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0194	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,422.47 70.73	117.89
26 24 19 00-0195	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,385.71 94.31	157.19
26 24 19 00-0196			230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed reversing.		
26 24 19 00-0197	EA		7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,758.96 47.16	78.59
26 24 19 00-0198	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,118.27 49.52	82.52
26 24 19 00-0199	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,599.19 51.87	86.45
26 24 19 00-0200	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,764.04 61.31	102.17
26 24 19 00-0201	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,569.01 70.73	117.89
26 24 19 00-0202	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,174.47 94.31	157.19
26 24 19 00-0203			480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed reversing.		
26 24 19 00-0204	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,758.96 47.16	78.59
26 24 19 00-0205	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,118.27 49.52	82.52
26 24 19 00-0206	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,599.19 51.87	86.45
26 24 19 00-0207	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,764.04 61.31	102.17
26 24 19 00-0208	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,569.01 70.73	117.89
26 24 19 00-0209	EA		400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,174.47 94.31	157.19
26 24 19 00-0210			230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0211	EA		10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,224.68 75.45	125.75
26 24 19 00-0212	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,442.92 80.17	133.61
26 24 19 00-0213	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,005.24 84.88	141.47
26 24 19 00-0214	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,531.25 96.67	161.12
26 24 19 00-0215	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,977.88 113.18	188.63
26 24 19 00-0216			480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0217	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,224.68 75.45	125.75
26 24 19 00-0218	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,442.92 80.17	133.61
26 24 19 00-0219	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,005.24 84.88	141.47
26 24 19 00-0220	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,531.25 96.67	161.12
26 24 19 00-0221	EA		200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,977.88 113.18	188.63
26 24 19 00-0222			230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0223	EA		7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,693.02 47.16	78.59
26 24 19 00-0224	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,638.88 49.52	82.52
26 24 19 00-0225	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,125.32 51.87	86.45
26 24 19 00-0226	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,392.33 61.31	102.17
26 24 19 00-0227			480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0228	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,693.02 47.16	78.59
26 24 19 00-0229	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,638.88 49.52	82.52
26 24 19 00-0230	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,125.32 51.87	86.45
26 24 19 00-0231	EA		100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,392.33 61.31	102.17

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

26 24 19 00-0232		230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Auto-transformer.			
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	5,600.27		82.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52		
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	9,898.34		90.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.23		
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	16,500.81		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	22,035.49		117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73		
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	37,027.84		157.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31		
26 24 19 00-0238		480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Auto-transformer.			
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	5,600.27		82.52
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52		
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer	9,898.34		90.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.23		
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	16,500.81		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0242	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	22,035.49		117.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.73		
26 24 19 00-0243	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	37,027.84		157.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31		
26 24 19 00-0244		230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Part winding.			
26 24 19 00-0245	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	3,971.19		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0246	EA	25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	5,260.81		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0247	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	8,388.65		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0248	EA	75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	16,744.59		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0249		480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Part winding.			
26 24 19 00-0250	EA	15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	3,971.19		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0251	EA	40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	5,260.81		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0252	EA	75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	8,388.65		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0253	EA	150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters.....	16,744.59		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0254		230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Energy saver.			
26 24 19 00-0255	EA	7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,394.16		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0256	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	17,390.08		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0257	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,201.89		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		
26 24 19 00-0258	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	29,085.13		161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67		
26 24 19 00-0259	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	39,671.43		196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89		
26 24 19 00-0260	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	53,840.24		251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91		
26 24 19 00-0261		480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Energy saver.			
26 24 19 00-0262	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	16,394.16		102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.31		
26 24 19 00-0263	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	17,390.08		125.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.45		
26 24 19 00-0264	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP	19,201.89		145.40
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.24		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0265	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	29,085.13	161.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	96.67	
26 24 19 00-0266	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	39,671.43	196.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0267	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP.....	53,840.24	251.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.91	

26 24 19 00-0268 Starter Accessories (26 24 19)**26 24 19 00-0269 Starter Modifications (26 24 19 00-0268)**

26 24 19 00-0270	EA	Control Circuit Transformer 60 Hertz, Size 1, 2, 50 VA Standard.....	93.93	
26 24 19 00-0271	EA	Control Circuit Transformer 60 Hertz, Size 3, 4, 150 VA Standard.....	286.84	
26 24 19 00-0272	EA	Control Circuit Transformer 60 Hertz, Size 5, 6, 50 VA.....	410.03	
26 24 19 00-0273	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 50 VA.....	102.97	
26 24 19 00-0274	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 100 VA.....	145.26	
26 24 19 00-0275	EA	Control Circuit Transformer 60 Hertz, All Sizes, Extra 150 VA.....	244.55	
26 24 19 00-0276	EA	Overload Relay Heater Elements, 3 Per Starter.....	60.68	
26 24 19 00-0277	EA	N.O. Overload Relay Alarm.....	51.48	
26 24 19 00-0278	EA	Control Circuit Fuses, Primary/Secondary.....	34.51	
26 24 19 00-0279	EA	Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton.....	42.67	
26 24 19 00-0280	EA	Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton.....	83.45	
26 24 19 00-0281	EA	Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select.....	42.67	
26 24 19 00-0282	EA	Control Devices Type PB2 Mount On Device, Individual Light Full V.....	48.94	
26 24 19 00-0283	EA	Control Devices Type PB2 Mount On Device, Individual Light Transformer.....	58.98	
26 24 19 00-0284	EA	Control Devices Type PB2 Mount On Device, Individual Light Push To.....	69.65	
26 24 19 00-0285	EA	Blank Devices Panel.....	13.18	
26 24 19 00-0286	EA	Oversize Or Special Color Starter.....	20.71	
26 24 19 00-0287	EA	Mini Voltmeter/Ammeter With Current Transformer.....	196.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 24 19 00-0288	EA	Mini Elapsed Time Meters, Non Resettable.....	179.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 24 19 00-0289	EA	Panel Elapsed Time Meter, Resettable.....	244.71	
26 24 19 00-0290	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Press.....	20.71	
26 24 19 00-0291	EA	Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw.....	29.49	
26 24 19 00-0292	EA	Terminal Blocks, Front Mounted, Press Connection, Standard.....	20.71	
26 24 19 00-0293	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In.....	29.49	
26 24 19 00-0294	EA	Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility.....	29.49	
26 24 19 00-0295	EA	Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type.....	42.67	
26 24 19 00-0296	EA	MOR - A Solid State Modular Overload Relay.....	106.04	
26 24 19 00-0297	EA	Heater Module.....	39.74	
26 24 19 00-0298	EA	LAM - Long Acceleration Module.....	246.86	
26 24 19 00-0299	EA	JAM - Jam Protection Module.....	282.98	
26 24 19 00-0300	EA	PUM - Phase Unbalance Module.....	537.07	
26 24 19 00-0301	EA	ULM - Underload Module.....	257.70	
26 24 19 00-0302	EA	Wiring To Common Control Circuit Transformer.....	56.60	
26 24 19 00-0303	EA	Handle Operator Separable Source Control Circuit.....	105.97	
26 24 19 00-0304	EA	Type SIS Control Wire.....	44.55	
26 24 19 00-0305	EA	Ring Or Spade Terminals Control.....	56.60	
26 24 19 00-0306	EA	Ring Terminals Power.....	56.60	
26 24 19 00-0307	EA	14 Gauge Control Wire.....	44.55	
26 24 19 00-0308	EA	Wiremakers.....	56.60	
26 24 19 00-0309	EA	Wiring Diagram On Door.....	33.72	
26 24 19 00-0310	EA	Special Color Or Type Control Wire.....	40.94	
26 24 19 00-0311	EA	Current Transformer 12.5 VA.....	321.52	
26 24 19 00-0312	EA	Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4.....	1,027.17	
26 24 19 00-0313	EA	Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6.....	1,156.02	

26 24 19 00-0314 Control Relays And Special Components (26 24 19 00-0268)

26 24 19 00-0315	EA	Control Relays, 600 Volt, 2 Pole.....	251.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.07	
26 24 19 00-0316	EA	Control Relays, 600 Volt, 4 Pole.....	302.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.79	
26 24 19 00-0317	EA	Control Relays, 600 Volt, 6 Pole.....	360.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.86	
26 24 19 00-0318	EA	Control Relays, 600 Volt, 8 Pole.....	404.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.58	
26 24 19 00-0319	EA	Control Relays, Pneumatic Timer.....	322.46	
26 24 19 00-0320	EA	Control Relays, Motor Driven Timer.....	840.28	
26 24 19 00-0321	EA	Control Relays, 7 Day Time Switch.....	1,057.61	
26 24 19 00-0322	EA	Control Relays, 24 Hour Time Switch.....	296.57	
26 24 19 00-0323	EA	Control Relays, Phase Voltage.....	504.48	
26 24 19 00-0324	EA	Control Relays, Two Circuit Alternator.....	706.12	
26 24 19 00-0325	EA	Control Relays, Manual 120 Volt.....	69.04	
26 24 19 00-0326	EA	Control Relays, Over-Current Relay.....	2,297.59	
26 24 19 00-0327	EA	Control Relays, UV-Relay.....	1,945.96	
26 24 19 00-0328	EA	Control Relays, Over-Current Relay.....	1,945.96	
26 24 19 00-0329	EA	Control Relays, Teleductor.....	520.17	
26 24 19 00-0330	EA	Control Relays, Current Transducer.....	1,398.90	
26 24 19 00-0331	EA	Control Relays, Watt Transducer.....	2,797.80	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x.....	94.93	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway.....	142.01	

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

26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway.....	160.05
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway.....	178.10
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway.....	160.05
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway.....	178.10
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway.....	187.51

26 24 19 00-0339 Circuit Breaker Modifications/Accessories (26 24 19 00-0268)

26 24 19 00-0340	EA	Circuit Breaker, Shunt Trip.....	300.65
26 24 19 00-0341	EA	Circuit Breaker, Auxiliary Switch.....	103.85
26 24 19 00-0342	EA	Circuit Breaker, Key Interlock.....	373.51
26 24 19 00-0343	EA	Circuit Breaker, GFR Ground Fault.....	1,721.85
26 24 19 00-0344	EA	Circuit Breaker, Seltronic Breaker.....	997.43

26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100.....	954.42	51.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.65</i>	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150.....	1,650.63	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100.....	1,584.98	51.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.65</i>	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150.....	2,279.87	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150.....	2,922.38	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250.....	1,819.95	102.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>61.31</i>	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400.....	2,937.51	110.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>66.03</i>	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600.....	3,873.72	141.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>84.85</i>	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800.....	4,570.24	216.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>129.72</i>	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200.....	6,477.94	326.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>195.86</i>	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000.....	14,124.23	432.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>259.14</i>	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500.....	21,077.10	542.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>325.07</i>	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000.....	35,090.01	628.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>377.58</i>	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	1,144.25	51.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.65</i>	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150.....	1,835.15	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	1,144.25	51.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.65</i>	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50.....	1,835.15	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150.....	1,936.77	51.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.65</i>	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150.....	2,654.22	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	3,288.77	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100.....	1,743.56	78.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>47.16</i>	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400.....	4,421.56	216.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>129.72</i>	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225.....	4,421.56	216.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>129.72</i>	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400.....	5,940.68	235.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>141.41</i>	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600.....	7,413.11	275.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>164.98</i>	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800.....	8,532.92	326.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>195.86</i>	

26 24 19 00-0372 Incoming Line And Feeder Fusible Switches (26 24 19 00-0268)

26 24 19 00-0373	EA	Incoming Line And Feeder Fusible Switches, 30 Or 60 Amps.....	1,007.35	78.59
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual.....	1,535.98	78.59
26 24 19 00-0375	EA	Incoming Line And Feeder Fusible Switches, 100 Amps.....	1,654.09	98.24
26 24 19 00-0376	EA	Incoming Line And Feeder Fusible Switches, 200 Amps.....	2,677.11	117.89
26 24 19 00-0377	EA	Incoming Line And Feeder Fusible Switches, 400 Amps.....	5,251.65	149.33
26 24 19 00-0378	EA	Incoming Line And Feeder Fusible Switches, 600 Amps.....	7,362.36	196.49
26 24 19 00-0379	EA	Incoming Line And Feeder Fusible Switches, 800 Amps.....	17,840.84	263.29
26 24 19 00-0380	EA	Incoming Line And Feeder Fusible Switches, 1,200 Amps.....	20,149.75	365.47

26 24 19 00-0381 Dry Type Distribution Transformers (26 24 19 00-0268)

26 24 19 00-0382	EA	500 VA, Phase 1, Dry Type Distribution Transformers.....	905.36
26 24 19 00-0383	EA	750 VA, Phase 1, Dry Type Distribution Transformers.....	934.56
26 24 19 00-0384	EA	1,000 VA, Phase 1, Dry Type Distribution Transformers.....	965.09
26 24 19 00-0385	EA	1,500 VA, Phase 1, Dry Type Distribution Transformers.....	1,107.14
26 24 19 00-0386	EA	2,000 VA, Phase 1, Dry Type Distribution Transformers.....	1,200.06

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0387	EA		3,000 VA, Phase 1, Dry Type Distribution Transformers	1,292.09	
26 24 19 00-0388	EA		5,000 VA, Phase 1, Dry Type Distribution Transformers	1,632.83	
26 24 19 00-0389	EA		7,500 VA, Phase 1, Dry Type Distribution Transformers	1,839.92	
26 24 19 00-0390	EA		9,000 VA, Phase 3, Dry Type Distribution Transformers	4,277.21	
26 24 19 00-0391	EA		10,000 VA, Phase 1, Dry Type Distribution Transformers	2,270.03	
26 24 19 00-0392	EA		15,000 VA, Phase 1, Dry Type Distribution Transformers	3,144.85	
26 24 19 00-0393	EA		15,000 VA, Phase 3, Dry Type Distribution Transformers	4,901.14	
26 24 19 00-0394	EA		20,000 VA, Phase 1, Dry Type Distribution Transformers	4,538.73	
26 24 19 00-0395	EA		30,000 VA, Phase 1, Dry Type Distribution Transformers	6,289.71	
26 24 19 00-0396	EA		30,000 VA, Phase 3, Dry Type Distribution Transformers	6,177.47	
26 24 19 00-0397	EA		45,000 VA, Phase 1, Dry Type Distribution Transformers	8,556.95	
26 24 19 00-0398			Metering Equipment <small>(26 24 19 00-0268)</small>		
26 24 19 00-0399	EA		Metering Equipment, Voltmeter, Panel Type	202.04	
26 24 19 00-0400	EA		Metering Equipment, Voltmeter, Switchboard Type	441.73	
26 24 19 00-0401	EA		Metering Equipment, Ammeter, Panel	181.96	
26 24 19 00-0402	EA		Metering Equipment, Ammeter, Switchboard Type	441.73	
26 24 19 00-0403	EA		Metering Equipment, Voltmeter/Ammeter, Switch	245.34	
26 24 19 00-0404	EA		Metering Equipment, Control Switch, 4 Circuits	260.40	
26 24 19 00-0405	EA		Add For Additional Circuits	66.23	
26 24 19 00-0406	EA		Metering Equipment, Indicating Wattmeter	911.08	
26 24 19 00-0407	EA		Metering Equipment, Indicating Power Factor	954.37	
26 24 19 00-0408	EA		Metering Equipment, Integrating Watt-hour	841.43	
26 24 19 00-0409	EA		Add For Demand Attachment	433.51	
26 24 19 00-0410	EA		Metering Equipment, Current Transformer, 800 Amp	251.61	
26 24 19 00-0411	EA		Metering Equipment, Current Transformer, 1,000 Amp	434.20	
26 24 19 00-0412	EA		Metering Equipment, Current Transformer, 2,000 Amp	505.73	
26 24 19 00-0413	EA		Metering Equipment, Potential Transformer	421.65	
26 24 19 00-0414	EA		Metering Equipment, Surge Arrester	453.66	
26 24 19 00-0415	EA		Metering Equipment, Ground Detector System	346.99	
26 24 19 00-0416			Current Limiting Reactors <small>(26 24 19 00-0268)</small>		
26 24 19 00-0417	EA		Current Limiting Reactors, 600 Amps	16,385.37	
26 24 19 00-0418	EA		Current Limiting Reactors, 800 Amps	23,861.86	
26 24 19 00-0419	EA		Current Limiting Reactors, 1,000 Amps	31,355.62	
26 24 19 00-0420	EA		Current Limiting Reactors, 1,200 Amps	47,729.04	
26 24 19 00-0421			Incoming Line Cable Space Requirements, Main Lugs Only <small>(26 24 19 00-0268)</small>		
26 24 19 00-0422	EA		Incoming Line Cable Space Requirement, 350 MCC, 2 Screw	399.00	
26 24 19 00-0423	EA		Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp	399.00	
26 24 19 00-0424	EA		Incoming Line Cable Space Requirement, 350 MCC, 4 Screw	551.61	
26 24 19 00-0425	EA		Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp	1,009.45	
26 24 19 00-0426	EA		Incoming Line Cable Space Requirement, 600 MCC, 2 Screw	551.61	
26 24 19 00-0427	EA		Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp	704.22	
26 24 19 00-0428	EA		Incoming Line Cable Space Requirement, 600 MCC, 4 Screw	704.22	
26 24 19 00-0429	EA		Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp	1,007.61	
26 24 19 00-0430	EA		Incoming Line Cable Space Requirement, 750 MCC, 2 Screw	704.22	
26 24 19 00-0431	EA		Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp	1,007.61	
26 24 19 00-0432	EA		Incoming Line Cable Space Requirement, 750 MCC, 4 Screw	856.84	
26 24 19 00-0433	EA		Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp	2,778.29	
26 24 19 00-0434	EA		Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw	856.84	
26 24 19 00-0435	EA		Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp	1,007.61	
26 24 19 00-0436	EA		Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw	2,778.29	
26 24 19 00-0437	EA		Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp	2,778.29	
26 24 19 00-0438	EA		Bus Duct Transition Pull Box	790.07	
26 24 19 00-0439	EA		Throat And Transition To Substation	1,525.22	
26 24 19 00-0440	EA		Service Entrance Label	330.31	
26 24 19 00-0441	EA		Type W To 5 Star - 10" Transition	690.43	
26 24 19 00-0442	EA		600 Ampere Sub Feed Lugs On Main Bus	287.80	
26 24 19 00-0443			Standard Structures And Structure Options/Modifications <small>(26 24 19 00-0268)</small>		
26 24 19 00-0444	EA		Standard Structure Add For Each Additional 4" Of Structure Width	218.11	
26 24 19 00-0445	EA		Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	218.11	
26 24 19 00-0446	EA		Standard Structure Single Corner Section "L", 16" Depth	674.74	
26 24 19 00-0447	EA		Standard Structure Single Corner Section "L", 21" Depth	761.04	
26 24 19 00-0448	EA		Standard Structure Unused Space/Future Space	65.12	
26 24 19 00-0449	EA		Standard Structure NEMA 12 Dustproof	175.75	
26 24 19 00-0450	EA		Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	36.88	
26 24 19 00-0451	EA		Standard Structure 150 Watt Space	158.48	
26 24 19 00-0452	EA		Standard Structure Thermostat For Space Heater Control	350.42	
26 24 19 00-0453	EA		Standard Structure Rear Hinged Structure Door, 72" High	158.48	
26 24 19 00-0454	EA		Standard Structure NEMA 2 Drip Shield On Top Of MCC	226.39	
26 24 19 00-0455	EA		Standard Structure NEMA 3R N-Walk In Front Mounted	3,229.63	
26 24 19 00-0456	EA		Standard Structure NEMA 3R N-Walk In Back-to-back	3,732.98	
26 24 19 00-0457	EA		Standard Structure NEMA 3R Walk-In Aisle Front Mounted	3,736.59	
26 24 19 00-0458			Installation Hours For Vertical Sections <small>(26 24 19 00-0268)</small>		
26 24 19 00-0459	EA		Install Vertical Section, 230/480 Volt, 1 Section, 600 Amps	471.55	235.78
26 24 19 00-0460	EA		Install Vertical Section, 230/480 Volt, 2 Section, 600 Amps	707.32	353.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0461	EA		Install Vertical Section, 230/480 Volt, 3 Section, 600 Amps	785.95	392.97
26 24 19 00-0462	EA		Install Vertical Section, 230/480 Volt, 4 Section, 600 Amps	943.22	471.57
26 24 19 00-0463	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 600 Amps	78.59	39.30
26 24 19 00-0464	EA		Install Vertical Section, 230/480 Volt, 1 Section, 800 Amps	471.55	235.78
26 24 19 00-0465	EA		Install Vertical Section, 230/480 Volt, 2 Section, 800 Amps	707.32	353.68
26 24 19 00-0466	EA		Install Vertical Section, 230/480 Volt, 3 Section, 800 Amps	785.95	392.97
26 24 19 00-0467	EA		Install Vertical Section, 230/480 Volt, 4 Section, 800 Amps	943.22	471.57
26 24 19 00-0468	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 800 Amps	78.59	39.30
26 24 19 00-0469	EA		Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amps	550.17	275.08
26 24 19 00-0470	EA		Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amps	707.32	353.68
26 24 19 00-0471	EA		Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amps	943.22	471.57
26 24 19 00-0472	EA		Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amps	1,100.19	550.08
26 24 19 00-0473	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,200 Amps	117.89	58.95
26 24 19 00-0474	EA		Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amps	628.76	314.38
26 24 19 00-0475	EA		Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amps	864.61	432.27
26 24 19 00-0476	EA		Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amps	1,100.19	550.08
26 24 19 00-0477	EA		Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amps	1,257.29	628.68
26 24 19 00-0478	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 1,600 Amps	157.19	78.59
26 24 19 00-0479	EA		Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amps	628.76	314.38
26 24 19 00-0480	EA		Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amps	943.22	471.57
26 24 19 00-0481	EA		Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amps	1,178.79	589.38
26 24 19 00-0482	EA		Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amps	1,336.19	668.14
26 24 19 00-0483	EA		Install Vertical Section, 230/480 Volt, Bolt To Floor, 2,000 Amps	157.19	78.59
26 24 19 00-0484 Motor Control Centers (26 24 19)					
26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)					
26 24 19 00-0486	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	9,707.16	157.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0487	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	9,707.16	157.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0488	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	9,707.16	157.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0489	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	9,746.48	176.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.11	
26 24 19 00-0490	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	10,354.48	196.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0491	EA		2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	10,393.77	216.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.68	
26 24 19 00-0492	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	10,433.06	235.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.47	
26 24 19 00-0493	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	10,511.68	275.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.05	
26 24 19 00-0494	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	10,590.27	314.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.63	
26 24 19 00-0495	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	17,757.94	353.68
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	212.20	
26 24 19 00-0496	EA		2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	19,065.96	392.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.79	
26 24 19 00-0497	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	14,369.65	157.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0498	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	14,972.32	168.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.39	
26 24 19 00-0499	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	17,006.39	184.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.82	
26 24 19 00-0500	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	18,925.75	196.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0501	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	20,597.21	227.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.76	
26 24 19 00-0502	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	22,564.63	243.64
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.19	
26 24 19 00-0503	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	24,530.88	259.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.61	
26 24 19 00-0504	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	26,865.67	282.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	169.77	
26 24 19 00-0505	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	31,256.68	314.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.63	
26 24 19 00-0506	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	33,861.65	334.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0507	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	51,662.05	392.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.79	
26 24 19 00-0508	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	55,049.73	432.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	259.38	
26 24 19 00-0509	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	58,000.75	471.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	282.97	
26 24 19 00-0510	EA		2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	63,155.55	510.95
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	306.57	
26 24 19 00-0511	EA		2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	13,561.93	157.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.31	
26 24 19 00-0512	EA		2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	13,601.25	176.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.11	
26 24 19 00-0513	EA		2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	13,640.52	196.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.89	
26 24 19 00-0514	EA		2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	13,679.81	216.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	129.68	
26 24 19 00-0515	EA		2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	13,721.40	235.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.47	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0516	EA	2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP.....	13,760.74	255.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.27	
26 24 19 00-0517	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	13,800.02	275.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.05	
26 24 19 00-0518	EA	2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	13,957.17	353.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	212.20	
26 24 19 00-0519	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	23,690.54	392.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.79	
26 24 19 00-0520	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	23,769.20	432.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	259.38	
26 24 19 00-0521	EA	2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	25,070.30	471.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	282.97	
26 24 19 00-0522	EA	Add For Reversing Starters, 100 To 700 HP	5,339.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp	5,499.87	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP	8,401.00	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.16	
26 24 19 00-0525		4.8 KV Motor Control Centers <small>(26 24 19 00-0484)</small>		
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP	10,593.92	235.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.47	
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP	10,633.26	255.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.27	
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP	10,672.54	275.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.05	
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP	10,711.86	294.73
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.85	
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP	11,314.12	314.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.63	
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP	11,353.46	334.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP	11,392.68	353.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	212.20	
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP	11,432.05	373.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	224.01	
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP	11,471.31	392.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.79	
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP	19,365.10	510.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	306.57	
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP	19,443.39	550.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	330.06	
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP	20,745.64	589.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	353.64	
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP	20,824.14	628.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	377.19	
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP	14,689.97	235.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.47	
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP	14,890.17	255.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.27	
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP	17,353.76	275.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.05	
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP	19,283.13	294.73
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.85	
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP	20,930.94	314.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.63	
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP	22,906.29	334.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.43	
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP	24,760.87	353.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	212.20	
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP	27,207.32	373.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	224.01	
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP	31,497.74	392.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	235.79	
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP	34,416.36	412.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	247.58	
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP	37,374.28	451.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	271.16	
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP	39,813.80	471.57
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	282.97	
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP	42,115.32	491.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	294.73	
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP	45,331.68	510.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	306.57	
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP	71,774.92	628.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	377.19	
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP	79,804.65	668.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	400.86	
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP	95,882.42	707.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	424.39	
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP	101,403.19	707.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	424.39	
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP	14,525.01	275.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.05	
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP	14,564.33	294.73
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.85	
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP	14,603.60	314.38
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0560	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,642.94 200.43	334.03
26 24 19 00-0561	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,893.17 212.20	353.68
26 24 19 00-0562	EA		4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,932.54 224.01	373.32
26 24 19 00-0563	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,971.80 235.79	392.97
26 24 19 00-0564	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,011.11 247.58	412.62
26 24 19 00-0565	EA		4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,050.46 259.38	432.27
26 24 19 00-0566	EA		4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,286.04 330.06	550.08
26 24 19 00-0567	EA		4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,180.24 353.64	589.38
26 24 19 00-0568	EA		4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,476.64 377.19	628.68
26 24 19 00-0569	EA		4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,476.64 377.19	628.68
26 24 19 00-0570	EA		Add For Reversing Starters, 100 To 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,449.76 47.16	
26 24 19 00-0571	EA		Add For Reversing Starters, 1,500 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,707.18 47.16	
26 24 19 00-0572	EA		Add For Reversing Starters, 3,000 To 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,349.91 47.16	
26 24 19 00-0573			2.4/4.8 KV Motor Control Centers, Accessories <small>(26 24 19 00-0484)</small>		
26 24 19 00-0574	EA		2.4/4.8 KV Load Break Disconnect Switch 600 Amp	10,978.88	157.19
26 24 19 00-0575	EA		2.4/4.8 KV Load Break Disconnect Switch 1,200 Amp	13,178.85	235.78
26 24 19 00-0576	EA		2.4/4.8 KV NEMA 3 Weather Resistant	4,341.19	
26 24 19 00-0577	EA		2.4/4.8 KV Space Heaters	168.60	11.79
26 24 19 00-0578	EA		2.4/4.8 KV Potential Transformer Fused	1,257.68	
26 24 19 00-0579	EA		2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	674.81	
26 24 19 00-0580	EA		2.4/4.8 KV Control Transformer 4 KVA Max	2,009.71	
26 24 19 00-0581	EA		2.4/4.8 KV Pushbuttons Each	128.71	
26 24 19 00-0582	EA		2.4/4.8 KV Selector Switch Each	426.58	
26 24 19 00-0583	EA		2.4/4.8 KV Indicating Light	128.71	
26 24 19 00-0584	EA		2.4/4.8 KV Push To Test Light	389.81	
26 24 19 00-0585	EA		2.4/4.8 KV AC Voltmeter, Switchboard Type	1,037.03	
26 24 19 00-0586	EA		2.4/4.8 KV AC Ammeter, Switchboard Type	1,037.03	
26 24 19 00-0587	EA		2.4/4.8 KV Power Factor Meter	3,101.90	
26 24 19 00-0588	EA		2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,138.42	
26 24 19 00-0589	EA		2.4/4.8 KV Operation Counter	413.39	11.79
26 24 19 00-0590	EA		2.4/4.8 KV Phase Failure Protection	2,987.42	39.30
26 24 19 00-0591	EA		2.4/4.8 KV Ground Protection	5,724.58	19.65
26 24 19 00-0592	EA		2.4/4.8 KV Synchronous Motor DC Protection	1,606.49	19.65
26 24 19 00-0593	EA		2.4/4.8 KV Lightning Arresters	2,664.36	11.79
26 24 19 00-0594	EA		2.4/4.8 KV Portable Lifting Mechanism	3,849.42	
26 24 19 00-0595	EA		2.4/4.8 KV Auxiliary Timing Relay	321.81	39.30
26 24 19 00-0596	EA		2.4/4.8 KV Auxiliary Control Relay	239.43	39.30
26 24 19 00-0597			Incoming Section And Feeder Air Circuit Breakers <small>(26 24 19 00-0484)</small>		
Note: 3 Pole. Includes structure.					
26 24 19 00-0598	EA		Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amp, 14,000 Amp IC, 3-Pole, With Structure Included	821.88	235.56
26 24 19 00-0599	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amp, 22,000 Amp IC, 3-Pole, With Structure Included	1,428.66	416.95
26 24 19 00-0600	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	1,719.18	533.87
26 24 19 00-0601	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	2,751.84	859.69
26 24 19 00-0602	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	3,225.45	945.66
26 24 19 00-0603	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amp, 30,000 Amp IC, 3-Pole, With Structure Included	4,112.67	1,048.82
26 24 19 00-0604	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 45,000 Amp IC, 3-Pole, With Structure Included	4,789.29	1,229.36
26 24 19 00-0605	EA		Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amp, 100,000 Amp IC, 3-Pole, With Structure Included	8,061.83	1,432.25
26 24 19 00-0606			Main Lugs Only <small>(26 24 19 00-0484)</small>		
26 24 19 00-0607	EA		600 Amp Incoming Section, Main Lugs	685.18	300.89
26 24 19 00-0608	EA		800 Amp Incoming Section, Main Lugs	746.04	300.89
26 24 19 00-0609	EA		1,200 Amp Incoming Section, Main Lugs	1,054.69	472.83
26 24 19 00-0610	EA		2,000 Amp Incoming Section, Main Lugs	2,492.15	859.69
26 24 19 00-0611	EA		3,000 Amp Incoming Section, Main Lugs	3,775.97	1,246.56
26 24 19 00-0612	EA		4,000 Amp Incoming Section, Main Lugs	5,364.72	1,719.39
26 24 19 00-0613			Incoming Main Circuit Breaker Structure <small>(26 24 19 00-0484)</small>		
Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.					
26 24 19 00-0614	EA		225 Amp, Main Circuit Breaker Section	4,116.31	416.01
<i>For 800 Amp Tin Plated Copper Bus, Add</i>				182.00	
<i>For 1,200 Amp Tin Plated Copper Bus, Add</i>				334.00	
<i>For NEMA 1 With Gaskets, Add</i>				97.00	
<i>For NEMA 12, Add</i>				245.00	
<i>For 20" Cabinet Depth, Add</i>				108.00	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 19 00-0615	EA 400 Amp, Main Circuit Breaker Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	8,621.38 182.00 334.00 97.00 245.00 108.00	534.38
26 24 19 00-0616	EA 600 Amp, Main Circuit Breaker Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	9,044.36 182.00 334.00 97.00 245.00 108.00	832.36
26 24 19 00-0617	EA 800 Amp, Main Circuit Breaker Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	12,733.61 182.00 334.00 97.00 245.00 108.00	832.36
26 24 19 00-0618	EA 1,200 Amp, Main Circuit Breaker Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	18,342.54 182.00 334.00 97.00 245.00 108.00	941.79
26 24 19 00-0619	Incoming Fusible Main Disconnect Section <small>(26 24 19 00-0484)</small> Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0620	EA 200 Amp, Fusible Main Disconnect Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	3,592.71 182.00 334.00 97.00 245.00 108.00	416.52
26 24 19 00-0621	EA 400 Amp, Fusible Main Disconnect Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	4,947.02 182.00 334.00 97.00 245.00 108.00	534.64
26 24 19 00-0622	EA 600 Amp, Fusible Main Disconnect Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	9,593.92 182.00 334.00 97.00 245.00 108.00	833.05
26 24 19 00-0623	EA 800 Amp, Fusible Main Disconnect Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	11,107.32 182.00 334.00 97.00 245.00 108.00	833.05
26 24 19 00-0624	EA 1,200 Amp, Fusible Main Disconnect Section <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	15,566.22 182.00 334.00 97.00 245.00 108.00	942.65
26 24 19 00-0625	Circuit Breaker Combination Starters <small>(26 24 19 00-0484)</small>		
26 24 19 00-0626	Class I, Type A <small>(26 24 19 00-0625)</small>		
26 24 19 00-0627	EA Size 1, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	674.66 99.50	174.52
26 24 19 00-0628	EA Size 2, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	781.42 110.22	174.52
26 24 19 00-0629	EA Size 3, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,127.15 148.22	247.59
26 24 19 00-0630	EA Size 4, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,807.28 195.39	325.82
26 24 19 00-0631	EA Size 5, Class I, Type A Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,172.93 244.23	407.50
26 24 19 00-0632	Class I, Type B <small>(26 24 19 00-0625)</small>		
26 24 19 00-0633	EA Size 1, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	633.49 85.97	152.17
26 24 19 00-0634	EA Size 2, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	736.74 96.81	152.17
26 24 19 00-0635	EA Size 3, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,073.94 132.26	220.08
26 24 19 00-0636	EA Size 4, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,753.00 179.10	298.31
26 24 19 00-0637	EA Size 5, Class I, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,129.15 231.10	380.84

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

26 24 19 00-0638		Class I, Type C <small>(26 24 19 00-0625)</small>		
26 24 19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	659.62 77.87	140.99
26 24 19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	770.80 91.46	140.99
26 24 19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,139.32 126.43	210.62
26 24 19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,823.27 174.74	291.44
26 24 19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,192.44 223.88	373.97
26 24 19 00-0644		Class II, Type B <small>(26 24 19 00-0625)</small>		
26 24 19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	687.89 118.09	208.90
26 24 19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	929.52 131.86	208.90
26 24 19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,303.65 166.61	278.54
26 24 19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,090.18 214.93	356.77
26 24 19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,685.77 262.10	435.86
26 24 19 00-0650		Class II, Type C <small>(26 24 19 00-0625)</small>		
26 24 19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	835.40 113.12	197.73
26 24 19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	954.90 123.52	197.73
26 24 19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,303.04 161.60	269.94
26 24 19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,154.13 208.66	348.17
26 24 19 00-0655	EA	Size 5, Class II, Type C Circuit Breaker Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,761.33 258.94	429.85
26 24 19 00-0656		Fused Disconnect Combination Starter <small>(26 24 19 00-0484)</small>		
26 24 19 00-0657		Class I, Type A <small>(26 24 19 00-0656)</small>		
26 24 19 00-0658	EA	Size 1, Class I, Type A Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	619.96 96.81	160.77
26 24 19 00-0659	EA	Size 2, Class I, Type A Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	924.45 131.86	220.08
26 24 19 00-0660	EA	Size 3, Class I, Type A Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,441.70 171.94	286.28
26 24 19 00-0661	EA	Size 4, Class I, Type A Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,976.82 241.49	401.48
26 24 19 00-0662	EA	Size 5, Class I, Type A Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,378.06 307.04	511.51
26 24 19 00-0663		Class I, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0664	EA	Size 1, Class I, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	622.10 85.97	143.57
26 24 19 00-0665	EA	Size 2, Class I, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	839.51 118.09	196.87
26 24 19 00-0666	EA	Size 3, Class I, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,229.90 158.03	263.07
26 24 19 00-0667	EA	Size 4, Class I, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,031.18 228.64	379.98
26 24 19 00-0668	EA	Size 5, Class I, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,420.45 290.44	483.15
26 24 19 00-0669		Class I, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0670	EA	Size 1, Class I, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	650.69 80.50	134.11
26 24 19 00-0671	EA	Size 2, Class I, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	876.14 110.22	182.25
26 24 19 00-0672	EA	Size 3, Class I, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,323.44 153.52	253.61
26 24 19 00-0673	EA	Size 4, Class I, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,123.91 223.88	373.97
26 24 19 00-0674	EA	Size 5, Class I, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,244.39 286.56	477.99
26 24 19 00-0675		Class II, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0676	EA	Size 1, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	793.72 120.74	201.16
26 24 19 00-0677	EA	Size 2, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,021.19 150.30	251.03

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 24 19 00-0678	EA Size 3, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,462.86 193.62	323.25
26 24 19 00-0679	EA Size 4, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,342.78 262.10	435.86
26 24 19 00-0680	EA Size 5, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,926.51 325.64	544.18
26 24 19 00-0681	Class II, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0682	EA Size 1, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	815.14 113.12	189.13
26 24 19 00-0683	EA Size 2, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,057.51 142.33	237.27
26 24 19 00-0684	EA Size 3, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,537.93 185.28	308.63
26 24 19 00-0685	EA Size 4, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,424.88 255.86	425.55
26 24 19 00-0686	EA Size 5, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,003.20 316.06	527.00
26 24 19 00-0687	Space Complete With Bus And Hardware <small>(26 24 19 00-0484)</small>		
26 24 19 00-0688	Circuit Breaker Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0689	EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware.....	194.99	58.46
26 24 19 00-0690	EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware.....	194.99	58.46
26 24 19 00-0691	EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware.....	289.19	85.11
26 24 19 00-0692	EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware.....	347.59	111.76
26 24 19 00-0693	EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware.....	576.30	170.22
26 24 19 00-0694	Fused Disconnect Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0695	EA Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware.....	194.99	58.46
26 24 19 00-0696	EA Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware.....	261.64	85.11
26 24 19 00-0697	EA Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware.....	361.07	111.76
26 24 19 00-0698	EA Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware.....	613.92	170.22
26 24 19 00-0699	EA Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware.....	859.92	247.59
26 24 19 00-0700	Blank Space For Future Expansion <small>(26 24 19 00-0687)</small>		
Note: Factory modified no labor costs.			
26 24 19 00-0701	EA Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs.....	78.50	
26 24 19 00-0702	EA Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs.....	78.50	
26 24 19 00-0703	EA Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs.....	119.02	
26 24 19 00-0704	EA Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs.....	119.02	
26 24 19 00-0705	EA Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs.....	236.77	
26 24 19 00-0706	Structure Combination Of Starters To 72" High <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707	EA Structure Combination Of Starters To 72" High.....	2,181.07	452.46
26 24 19 00-0708	Motor Control Center Basic Distribution Section <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709	EA 20" Wide Basic Section With Vertical Wireway <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For 1,600 Amp Tin Plated Copper Bus, Add</i> <i>For 2,000 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amp Tin Plated Copper Vertical, Add</i>	3,820.58 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,178.29
26 24 19 00-0710	EA 25"-35" Wide Basic Section (No Vertical Wireway)..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For 1,600 Amp Tin Plated Copper Bus, Add</i> <i>For 2,000 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amp Tin Plated Copper Vertical, Add</i>	3,820.58 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,178.29
26 24 19 00-0711	EA 25" Wide Basic Section With 9" Wide Vertical Wireway..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For 1,600 Amp Tin Plated Copper Bus, Add</i> <i>For 2,000 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amp Tin Plated Copper Vertical, Add</i>	4,165.55 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,178.29

	MINOR CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0712	EA	Corner Section..... <i>For 20" Cabinet Depth, Add</i> <i>For 800 Amp Tin Plated Copper Bus, Add</i> <i>For 1,200 Amp Tin Plated Copper Bus, Add</i> <i>For 1,600 Amp Tin Plated Copper Bus, Add</i> <i>For 2,000 Amp Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For NEMA 12, Add</i> <i>For 600 Amp Tin Plated Copper Vertical, Add</i>	4,165.55 108.00 182.00 334.00 402.00 506.00 97.00 245.00 210.00	1,178.29
26 24 19 00-0713		Motor Control Center Starters With HMCP Circuit Breaker <small>(26 24 19 00-0484)</small> Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714		FVNR Starters With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	931.19 99.29	165.49
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,036.19 110.12	183.55
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,765.79 148.05	246.73
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,547.26 195.21	325.31
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,663.20 243.95	406.55
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,012.14 243.95	406.55
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	929.88 85.88	143.14
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,048.64 96.71	161.19
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,791.58 132.05	220.08
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,537.21 179.00	298.31
26 24 19 00-0725	EA	Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,664.31 231.10	385.14
26 24 19 00-0726	EA	Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,092.33 231.10	385.14
26 24 19 00-0727		Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0728	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,466.59 124.23	207.10
26 24 19 00-0729	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,788.59 137.48	229.10
26 24 19 00-0730	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,917.74 184.75	307.94
26 24 19 00-0731	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,966.87 244.23	407.07
26 24 19 00-0732	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,873.06 305.58	509.28
26 24 19 00-0733	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,476.03 107.28	178.82
26 24 19 00-0734	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,812.69 120.97	201.60
26 24 19 00-0735	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,954.12 165.33	275.53
26 24 19 00-0736	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,964.97 223.88	373.10
26 24 19 00-0737	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,884.18 289.13	481.86
26 24 19 00-0738		Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0739	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,598.48 124.23	207.10
26 24 19 00-0740	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,246.68 137.48	229.10
26 24 19 00-0741	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,186.52 184.75	307.94
26 24 19 00-0742	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,695.78 244.23	407.07
26 24 19 00-0743	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,286.64 305.58	509.28
26 24 19 00-0744	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,607.92 107.28	178.82
26 24 19 00-0745	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,270.79 120.97	201.60
26 24 19 00-0746	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,222.89 165.33	275.53
26 24 19 00-0747	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,693.87 223.88	373.10
26 24 19 00-0748	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,297.76 289.13	481.86

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards And Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0749		Motor Control Center Starters With Fusible Disconnect (26 24 19 00-0484) Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0750		FVNR Starters With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0751	EA	Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect.....	763.22	161.37
26 24 19 00-0752	EA	Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect.....	998.71	219.30
26 24 19 00-0753	EA	Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect.....	1,631.11	285.77
26 24 19 00-0754	EA	Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect.....	2,716.48	402.51
26 24 19 00-0755	EA	Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect.....	5,330.96	511.69
26 24 19 00-0756	EA	Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect.....	13,177.51	511.69
26 24 19 00-0757	EA	Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect.....	769.49	143.05
26 24 19 00-0758	EA	Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect.....	1,010.16	196.44
26 24 19 00-0759	EA	Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect.....	1,665.43	263.41
26 24 19 00-0760	EA	Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect.....	2,717.62	381.10
26 24 19 00-0761	EA	Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect.....	5,319.60	484.09
26 24 19 00-0762	EA	Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect.....	13,245.28	484.09
26 24 19 00-0763		Two Speed 2-Winding (TS2W) With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0764	EA	Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,282.37	202.03
26 24 19 00-0765	EA	Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,783.63	274.15
26 24 19 00-0766	EA	Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,732.82	357.03
26 24 19 00-0767	EA	Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	5,624.28	504.56
26 24 19 00-0768	EA	Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	9,052.07	590.43
26 24 19 00-0769	EA	Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,301.35	178.82
26 24 19 00-0770	EA	Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,805.19	245.36
26 24 19 00-0771	EA	Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,779.17	329.61
26 24 19 00-0772	EA	Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	5,632.19	475.50
26 24 19 00-0773	EA	Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	9,050.70	556.82
26 24 19 00-0774		Two Speed 1-Winding (TS1W) With Fusible Disconnect (26 24 19 00-0749)		
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,481.09	202.03
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,248.77	274.15
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	4,014.78	357.03
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,891.58	504.56
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	10,975.01	590.43
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,500.65	178.82
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,270.32	245.36
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	4,061.14	329.61
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,899.48	475.50
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	10,973.65	556.82
26 24 19 00-0785		Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit (26 24 19 00-0484) Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA	600 Amp Horizontal Tin Plated Copper Bus Kit.....	155.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.46</i>	
26 24 19 00-0787	EA	800 Amp Horizontal Tin Plated Copper Bus Kit.....	189.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.46</i>	
26 24 19 00-0788	EA	1,200 Amp Horizontal Tin Plated Copper Bus Kit.....	227.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.75</i>	
26 24 19 00-0789	EA	1,600 Amp Horizontal Tin Plated Copper Bus Kit.....	294.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.75</i>	
26 24 19 00-0790	EA	2,000 Amp Horizontal Tin Plated Copper Bus Kit.....	490.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>9.04</i>	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit.....	89.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.17</i>	
26 24 19 00-0792		Disconnect Switch For Motor Control Centers (26 24 19 00-0484)		
26 24 19 00-0793		3 Pole Circuit Breaker Disconnect For Motor Control Center (26 24 19 00-0792) Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA	150 Amp Rating, 15 To 100 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	679.12	124.23
26 24 19 00-0795	EA	150 Amp Rating, 125 To 150 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,183.26	137.55
26 24 19 00-0796	EA	225 Amp Rating, 70 To 225 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,444.69	185.26
26 24 19 00-0797	EA	400 Amp Rating, 125 To 400 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	2,393.08	244.16
26 24 19 00-0798	EA	600 Amp Rating, 300 To 600 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,126.98	305.19
26 24 19 00-0799	EA	800 Amp Rating, 400 To 800 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	4,705.06	305.19
26 24 19 00-0800	EA	1,200 Amp Rating, 600 To 1,200 Amp Trip Range, 3 Pole Circuit Breaker Disconnect.....	9,677.18	382.13
26 24 19 00-0801		Fusible Disconnect Switch For Motor Control Center (26 24 19 00-0792) Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA	30 Amp Switch Rating, Fusible Disconnect Switch With 30 Amp Fuse Clips.....	531.73	120.79
26 24 19 00-0803	EA	60 Amp Switch Rating, Fusible Disconnect Switch With 60 Amp Fuse Clips.....	637.02	164.64
26 24 19 00-0804	EA	100 Amp Switch Rating, Fusible Disconnect Switch With 100 Amp Fuse Clips.....	866.16	210.62
26 24 19 00-0805	EA	200 Amp Switch Rating, Fusible Disconnect Switch With 200 Amp Fuse Clips.....	1,573.38	301.75
26 24 19 00-0806	EA	400 Amp Switch Rating, Fusible Disconnect Switch With 400 Amp Fuse Clips.....	2,725.71	383.77
26 24 19 00-0807	EA	600 Amp Switch Rating, Fusible Disconnect Switch With 600 Amp Fuse Clips.....	6,031.74	383.77
26 24 19 00-0808	EA	800 Amp Switch Rating, Fusible Disconnect Switch With 800 Amp Fuse Clips.....	7,458.99	479.71
26 24 19 00-0809	EA	1,200 Amp Switch Rating, Fusible Disconnect Switch With 1,200 Amp Fuse Clips.....	10,919.78	479.71

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

26 24 19 00-0810 Control Circuit Transformer (26 24 19 00-0484)				
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed	41.88	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed	41.88	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed	80.66	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed	80.66	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed	112.05	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	35.89	9.73
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.46	
26 24 19 00-0817 Cover Mounted Control Devices (26 24 19 00-0484)				
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted	77.70	17.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.75	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted	88.21	17.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.43	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted	71.81	17.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.05	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	204.30	58.46
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.23	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter	224.83	22.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.37	
26 24 19 00-0823 Extra Interlocks (26 24 19 00-0484)				
		Note: Per contact.		
26 24 19 00-0824	EA	Extra Interlocks, Class I, Type A Per Contact	51.35	11.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.05	
26 24 19 00-0825	EA	Extra Interlocks, Class I, Type B Per Contact	68.85	11.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.05	
26 24 19 00-0826	EA	Extra Interlocks, Class I, Type C Per Contact	74.91	11.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.72	
26 24 19 00-0827	EA	Extra Interlocks, Class II, Type B Per Contact	66.93	11.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 24 19 00-0828	EA	Extra Interlocks, Class II, Type C Per Contact	69.55	11.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.06	
26 24 19 00-0829 Special Cabinet Provisions (26 24 19 00-0484)				
26 24 19 00-0830	EA	Provisions For Bus Duct Entrance Special Cabinet Provisions	524.27	
26 24 19 00-0831 Nameplate Requirements (26 24 19 00-0484)				
26 24 19 00-0832	EA	Special Cabinet Nameplate Requirements	18.61	
26 24 19 00-0833 Auxiliary Relays (26 24 19 00-0484)				
26 24 19 00-0834	EA	Industrial Control Relay, 10 Amp Class A600 With 2 Contacts	111.99	21.53
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 24 19 00-0835	EA	Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	106.39	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 24 19 00-0836	EA	General Purpose Control Relay, 240 Volt AC, 10 Amp, With Base	64.59	19.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
26 24 19 00-0837 Motor Control Center Accessories (26 24 19 00-0484)				
26 24 19 00-0838 Lighting Transformer With Circuit Breaker (26 24 19 00-0837)				
		Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839	EA	1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	3,159.87	276.04
26 24 19 00-0840	EA	1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	3,285.36	287.08
26 24 19 00-0841	EA	1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	3,592.36	309.17
26 24 19 00-0842	EA	1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	4,489.98	331.25
26 24 19 00-0843	EA	1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	5,995.49	353.33
26 24 19 00-0844	EA	1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	7,348.40	397.50
26 24 19 00-0845	EA	1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker	9,619.04	441.66
26 24 19 00-0846	EA	3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	5,666.42	364.37
26 24 19 00-0847	EA	3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	6,157.01	397.50
26 24 19 00-0848	EA	3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	7,036.03	441.66
26 24 19 00-0849	EA	3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	7,472.29	485.83
26 24 19 00-0850	EA	3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	8,990.00	529.99
26 24 19 00-0851	EA	3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker	9,288.38	574.17
26 24 19 00-0852 Bolt-On Lighting Panel (26 24 19 00-0837)				
		Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	1,463.51	447.39
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	2,313.58	778.71
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt	3,081.92	1,053.55
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	1,536.87	484.09
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	2,280.44	762.11
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt	3,213.61	1,119.41
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt	2,377.76	518.91

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 24 Switchboards And Panelboards



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0860	EA		30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	3,221.48	833.05
26 24 19 00-0861	EA		42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	4,055.95	1,119.41
26 24 19 00-0862	EA		18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	2,459.38	559.66
26 24 19 00-0863	EA		30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	3,221.48	833.05
26 24 19 00-0864	EA		42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	4,128.17	1,155.51
26 24 19 00-0865			Factory Installed Bolt-On Branch Circuit Breaker <small>(26 24 19 00-0837)</small>		
			Note: For MCC lighting panel only.		
26 24 19 00-0866	EA		15 A / 1 Pole - 30 A / 1 Pole Bolt-On Branch Circuit Breaker.....	17.27	
26 24 19 00-0867	EA		15 A / 1 Pole - 30 A / 1 Pole (GFI) Bolt-On Branch Circuit Breaker.....	161.57	
26 24 19 00-0868	EA		15 A / 2 Pole - 50 A / 2 Pole Bolt-On Branch Circuit Breaker.....	33.76	
26 24 19 00-0869	EA		60 A / 2 Pole - 100 A / 2 Pole Bolt-On Branch Circuit Breaker.....	77.73	
26 24 19 00-0870	EA		15 A / 3 Pole - 50 A / 3 Pole Bolt-On Branch Circuit Breaker.....	91.08	
26 24 19 00-0871	EA		60 A / 3 Pole - 100 A / 3 Pole Bolt-On Branch Circuit Breaker.....	138.18	
26 24 19 00-0872			Blank Unit Door (BUD) <small>(26 24 19 00-0837)</small>		
			Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873	EA		6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	43.09	
26 24 19 00-0874	EA		12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	51.70	
26 24 19 00-0875	EA		18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	77.55	
26 24 19 00-0876	EA		24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	103.41	
26 24 19 00-0877	EA		30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	155.11	
26 24 19 00-0878	EA		48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	180.96	
26 24 19 00-0879	EA		72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	206.81	
26 25 Enclosed Bus Assemblies <small>(26 20)</small>					
26 25 00 00-0001			Bus Ducts <small>(26 25)</small>		
26 25 00 00-0002			Plug-In Bus Duct <small>(26 25 00 00-0001)</small>		
			Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 00 00-0003			600 Volt, 3-Phase, 3-Wire, Copper Conductors <small>(26 25 00 00-0002)</small>		
26 25 00 00-0004	LF		225 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	236.22	25.80
26 25 00 00-0005	LF		400 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	336.35	25.80
26 25 00 00-0006	LF		600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	426.93	34.38
26 25 00 00-0007	LF		800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	591.72	34.38
26 25 00 00-0008	LF		1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	624.09	42.98
26 25 00 00-0009	LF		1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	872.07	42.98
26 25 00 00-0010	LF		1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,021.89	45.14
26 25 00 00-0011	LF		2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,246.15	46.42
26 25 00 00-0012	LF		2,500 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,539.77	49.01
26 25 00 00-0013	LF		3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,777.78	57.17
26 25 00 00-0014	LF		4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,058.21	62.32
26 25 00 00-0015			277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 00 00-0002)</small>		
26 25 00 00-0016	LF		225 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	390.97	25.80
26 25 00 00-0017	LF		400 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	566.18	25.80
26 25 00 00-0018	LF		600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	640.19	34.38
26 25 00 00-0019	LF		800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	815.15	34.38
26 25 00 00-0020	LF		1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	995.45	42.98
26 25 00 00-0021	LF		1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,291.88	42.98
26 25 00 00-0022	LF		1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,671.71	44.54
26 25 00 00-0023	LF		2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	2,014.98	46.42
26 25 00 00-0024	LF		2,500 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	2,500.89	48.57
26 25 00 00-0025	LF		3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	2,886.80	57.17
26 25 00 00-0026	LF		4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	3,347.24	62.32
26 25 00 00-0027			Cable Tap Boxes <small>(26 25 00 00-0002)</small>		
26 25 00 00-0028			600 Volt, 3-Phase, 3-Wire, Copper Conductors <small>(26 25 00 00-0027)</small>		
26 25 00 00-0029	EA		225 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	1,967.83	120.36
26 25 00 00-0030	EA		400 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	2,027.39	120.36
26 25 00 00-0031	EA		600 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	2,187.85	163.34
26 25 00 00-0032	EA		800 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	2,323.92	163.34
26 25 00 00-0033	EA		1,000 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	2,489.17	214.92
26 25 00 00-0034	EA		1,350 Amp Cable Tap Box, 600 Volt, 3 Phase, 3 Wire.....	2,725.98	214.92
26 25 00 00-0035			277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 00 00-0027)</small>		
26 25 00 00-0036	EA		225 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	2,027.39	236.42
26 25 00 00-0037	EA		400 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	2,197.71	236.42
26 25 00 00-0038	EA		600 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	2,342.78	322.39
26 25 00 00-0039	EA		800 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	2,631.61	322.39
26 25 00 00-0040	EA		1,000 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	2,762.28	429.85
26 25 00 00-0041	EA		1,350 Amp Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire.....	3,144.49	429.85
26 25 00 00-0042			Bus Duct Plug-In Circuit Breaker <small>(26 25 00 00-0002)</small>		

26 25 00 00-0043	240 Volt, 3-Phase <small>(26 25 00 00-0042)</small>		
26 25 00 00-0044	EA 60 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	877.54	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.03	
26 25 00 00-0045	EA 100 Amp Bus Duct Circuit Breaker 240 Volt, 3 Phase Plug-in Circuit Breaker	1,763.74	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.37	
26 25 00 00-0046	600 Volt, 3-Phase <small>(26 25 00 00-0042)</small>		
26 25 00 00-0047	EA 60 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	1,719.27	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.03	
26 25 00 00-0048	EA 100 Amp Bus Duct Circuit Breaker 600 Volt, 3 Phase Plug-in Circuit Breaker	2,227.14	85.97
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.37	
26 25 00 00-0049	120/208 Volt, 3-Phase, 4-Wire <small>(26 25 00 00-0042)</small>		
26 25 00 00-0050	EA 60 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,010.76	103.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.73	
26 25 00 00-0051	EA 100 Amp Bus Duct Circuit Breaker 120/208 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,205.89	103.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.16	
26 25 00 00-0052	277/480 Volt, 3-Phase, 4-Wire <small>(26 25 00 00-0042)</small>		
26 25 00 00-0053	EA 60 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,161.12	103.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.73	
26 25 00 00-0054	EA 100 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	1,794.64	103.16
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.16	
26 25 00 00-0055	EA 225 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	2,591.20	356.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.62	
26 25 00 00-0056	EA 400 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	6,202.46	356.77
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	335.82	
26 25 00 00-0057	EA 600 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	6,880.00	1,031.64
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	467.23	
26 25 00 00-0058	EA 800 Amp Bus Duct Circuit Breaker 277/480 Volt, 3 Phase, 4 Wire Plug-in Circuit Breaker	8,477.19	1,031.64
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	826.63	
26 25 00 00-0059	Bus Duct Plug-In Fusible Switch <small>(26 25 00 00-0002)</small>		
26 25 00 00-0060	240 Volt, 3-Pole, 3-Fuse <small>(26 25 00 00-0059)</small>		
26 25 00 00-0061	EA 30 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	875.47	85.97
26 25 00 00-0062	EA 60 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	958.60	85.97
26 25 00 00-0063	EA 100 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,328.85	103.16
26 25 00 00-0064	EA 200 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,239.16	206.33
26 25 00 00-0065	EA 400 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,682.63	464.23
26 25 00 00-0066	EA 600 Amp Bus Duct Fusible Switch 240 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	8,449.67	808.11
26 25 00 00-0067	600 Volt, 3-Pole, 3-Fuse <small>(26 25 00 00-0059)</small>		
26 25 00 00-0068	EA 30 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	913.84	94.56
26 25 00 00-0069	EA 60 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	994.70	94.56
26 25 00 00-0070	EA 100 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	1,342.68	94.56
26 25 00 00-0071	EA 200 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	2,299.25	197.73
26 25 00 00-0072	EA 400 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	5,659.67	447.04
26 25 00 00-0073	EA 600 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	8,612.48	859.69
26 25 00 00-0074	EA 800 Amp Bus Duct Fusible Switch 600 Volt, 3 Phase Plug-in Fusible Switch, 3 Fuses	14,230.52	1,117.60
26 25 00 00-0075	120/208 Volt, 4-pole, 3 Fuse <small>(26 25 00 00-0059)</small>		
26 25 00 00-0076	EA 30 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,014.46	111.76
26 25 00 00-0077	EA 60 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,084.99	111.76
26 25 00 00-0078	EA 100 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,467.53	111.76
26 25 00 00-0079	EA 200 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	2,489.12	232.12
26 25 00 00-0080	EA 400 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	6,227.68	515.81
26 25 00 00-0081	EA 600 Amp Bus Duct Fusible Switch 120/208 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	9,053.15	790.92
26 25 00 00-0082	277/480 Volt, 4-pole, 3-Fuse <small>(26 25 00 00-0059)</small>		
26 25 00 00-0083	EA 30 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,049.03	111.76
26 25 00 00-0084	EA 60 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,119.57	94.82
26 25 00 00-0085	EA 100 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	1,568.37	128.96
26 25 00 00-0086	EA 200 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	2,596.66	232.12
26 25 00 00-0087	EA 400 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	6,227.68	515.81
26 25 00 00-0088	EA 600 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	9,053.15	790.92
26 25 00 00-0089	EA 800 Amp Bus Duct Fusible Switch 277/480 Volt, 4 Phase Plug-in Fusible Switch, 3 Fuses	14,411.42	1,048.82
26 25 00 00-0090	Feeder Bus Duct <small>(26 25 00 00-0001)</small>		
Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.			
26 25 00 00-0091	600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance <small>(26 25 00 00-0090)</small>		
Note: Copper conductors.			
26 25 00 00-0092	LF 800 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	714.48	36.11
26 25 00 00-0093	LF 1,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	723.50	36.11
26 25 00 00-0094	LF 1,350 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	949.26	36.11

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 25 Enclosed Bus Assemblies



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 25 00 00-0095	LF	1,600 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,141.56	36.11
26 25 00 00-0096	LF	2,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,396.30	36.11
26 25 00 00-0097	LF	3,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	1,904.83	85.97
26 25 00 00-0098	LF	4,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	2,636.03	85.97
26 25 00 00-0099	LF	5,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,118.63	85.97
26 25 00 00-0100	LF	6,000 Amp Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors, With Supports	3,843.71	85.97

26 25 00 00-0101 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated (26 25 00 00-0090)
 Note: Low impedance, copper conductors.

26 25 00 00-0102	LF	800 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	820.64	38.68
26 25 00 00-0103	LF	1,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	832.29	38.68
26 25 00 00-0104	LF	1,350 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,073.14	38.68
26 25 00 00-0105	LF	1,600 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,272.31	38.68
26 25 00 00-0106	LF	2,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	1,537.76	38.68
26 25 00 00-0107	LF	3,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	2,365.71	66.19
26 25 00 00-0108	LF	4,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	2,967.55	66.19
26 25 00 00-0109	LF	5,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	3,510.77	122.94
26 25 00 00-0110	LF	6,000 Amp Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, With Supports	4,333.01	122.94

26 26 Power Distribution Units (26 20)
 Note: Includes wiring connections and testing.

26 26 00 00-0001 Liebert Precision Power Center (26 26)
 Note: With K20 Trans Spike Suppression Modules Lighting/ Surge Arrestors. Includes start-up.

26 26 00 00-0002	EA	PDU 15 KVA 480-208/120 (Liebert PPA01C)	11,141.90	264.36
26 26 00 00-0003	EA	PDU 15 KVA 208-208/120 (Liebert PPC015C)	10,769.36	264.36
26 26 00 00-0004	EA	PDU 30 KVA 480-208/120 (Liebert PPA030C)	12,552.32	286.54
26 26 00 00-0005	EA	PDU 30 KVA 208-208/120 (Liebert PPC030C)	12,986.95	286.54
26 26 00 00-0006	EA	PDU 50 KVA 480-208/120 (Liebert PPA050C)	14,188.27	318.09
26 26 00 00-0007	EA	PDU 50 KVA 208-208/120 (Liebert PPC050C)	14,796.34	318.09
26 26 00 00-0008	EA	PDU 75 KVA 480-208/120 (Liebert PPA075C)	15,647.22	343.88
26 26 00 00-0009	EA	PDU 75 KVA 208-208/120 (Liebert PPC075C)	17,013.19	343.88
26 26 00 00-0010	EA	PDU 100 KVA 480-208/120 (Liebert PPA100C)	17,040.25	429.85
26 26 00 00-0011	EA	PDU 100 KVA 208-208/120 (Liebert PPC100C)	18,592.50	429.85
26 26 00 00-0012	EA	PDU 125 KVA 480-208/120 (Liebert PPA125C)	19,136.98	515.81
26 26 00 00-0013	EA	PDU 125 KVA 208-208/120 (Liebert PPC125C)	20,875.49	515.81
26 26 00 00-0014	EA	PDU 150 KVA 480-208/120 (Liebert PPA150C)	23,158.47	601.79
26 26 00 00-0015	EA	PDU 150 KVA 208-208/120 (Liebert PPC150C)	24,089.82	601.79
26 26 00 00-0016	EA	PDU 200 KVA 480-208/120 (Liebert PPA200C)	25,530.61	687.75
26 26 00 00-0017	EA	PDU 225 KVA 480-208/120 (Liebert PPA225C)	26,813.80	773.73
26 26 00 00-0018	EA	Ex Panelboard 10-30 KVA	987.38	85.97
26 26 00 00-0019	EA	Ex Panelboard 50-125 KVA	1,464.99	107.46
26 26 00 00-0020	EA	Ex Panelboard 150-220 KVA	3,246.49	128.96
26 26 00 00-0021	EA	Remove And Reinstall, Power Distribution Unit	1,375.51	
26 26 00 00-0022	EA	Note: Includes disconnection / reconnection of branch circuits, storage and cleaning. Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,031.64	

26 27 Low-Voltage Distribution Equipment (26 20)
26 27 13 Electricity Metering (26 27)

26 27 13 00-0001 Revenue Metering (26 27 13)
26 27 13 00-0002 Meter Socket Base (26 27 13 00-0001)
 Note: NEMA 3R.

26 27 13 00-0003	EA	100 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	169.97	55.88
26 27 13 00-0004	EA	100 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	178.75	55.88
26 27 13 00-0005	EA	200 Amp, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	234.11	68.78
26 27 13 00-0006	EA	200 Amp, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	236.61	68.78
26 27 13 00-0007	EA	200 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	428.89	77.38
26 27 13 00-0008	EA	320 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	561.67	85.97
26 27 13 00-0009	EA	400 Amp, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass, And Jaw Release	1,327.32	94.56
26 27 13 00-0010	EA	Combination Motor And Current Transformer Cabinet, 15-30 A, 13 Terminal, Underground, With Test Switch And Transformer - Socket Base	1,689.01	429.85

26 27 13 00-0011 Meter Device (26 27 13 00-0001)
 Note: Direct read, with 15 minute demand.

26 27 13 00-0012	EA	100 To 200 Amp, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter	153.42	17.20
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.58
26 27 13 00-0013	EA	200 Amp, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter	415.87	17.22
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.76

26 27 13 00-0014 Current Transformer Enclosure (26 27 13 00-0001)

26 27 13 00-0015	EA	Current Transformer Cover, Screwed, 18" x 24" x 9", NEMA 3R	359.48	111.76
------------------	----	---	--------	--------

26 27 13 00-0016 120/240 Volt Meter Center And Main Breaker, Indoor Housing (26 27 13 00-0001)
26 27 13 00-0017 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max., 2 Pole (26 27 13 00-0016)

26 27 13 00-0018	EA	3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	590.35	53.74
26 27 13 00-0019	EA	4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	773.75	64.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0020 EA 5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	956.20	75.22
26 27 13 00-0021 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,107.42	85.97
26 27 13 00-0022 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,433.80	96.72
26 27 13 00-0023 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,549.96	107.46
26 27 13 00-0024 EA 10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 125 Amp Max	1,810.73	128.96
26 27 13 00-0025 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0026 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,063.78	53.74
26 27 13 00-0027 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,397.72	64.48
26 27 13 00-0028 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	1,923.60	85.97
26 27 13 00-0029 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,134.46	96.72
26 27 13 00-0030 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 200 Amp Max	2,676.70	107.46
26 27 13 00-0031 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0032 EA 3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	900.34	75.22
26 27 13 00-0033 EA 4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,175.59	85.97
26 27 13 00-0034 EA 5 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,433.80	96.72
26 27 13 00-0035 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,682.52	107.46
26 27 13 00-0036 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,111.15	118.21
26 27 13 00-0037 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,217.87	128.96
26 27 13 00-0038 EA 10 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,743.73	150.44
26 27 13 00-0039 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0040 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,371.86	75.22
26 27 13 00-0041 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,791.03	85.97
26 27 13 00-0042 EA 6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,515.74	107.46
26 27 13 00-0043 EA 7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,698.19	118.21
26 27 13 00-0044 EA 8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,439.26	128.96
26 27 13 00-0045 120/208 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0046 800 Amp Bus, 5 Jaw Sockets, 125 A Max., 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0047 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	645.92	64.48
26 27 13 00-0048 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	839.74	75.22
26 27 13 00-0049 EA 5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,032.62	85.97
26 27 13 00-0050 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,197.09	96.72
26 27 13 00-0051 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,464.75	107.46
26 27 13 00-0052 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,580.92	118.21
26 27 13 00-0053 EA 10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 125 Amp Max	1,945.84	139.70
26 27 13 00-0054 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0055 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,123.14	64.48
26 27 13 00-0056 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,476.02	75.22
26 27 13 00-0057 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,124.99	96.72
26 27 13 00-0058 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,335.84	107.46
26 27 13 00-0059 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,821.31	118.21
26 27 13 00-0060 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0061 EA 3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	955.93	85.97
26 27 13 00-0062 EA 4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,234.97	96.72
26 27 13 00-0063 EA 5 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,521.58	107.46
26 27 13 00-0064 EA 6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,770.32	118.21
26 27 13 00-0065 EA 7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,217.90	128.96
26 27 13 00-0066 EA 8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,324.58	139.70
26 27 13 00-0067 EA 10 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,888.35	161.19
26 27 13 00-0068 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0069 EA 3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,440.71	85.97
26 27 13 00-0070 EA 4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,888.29	96.72
26 27 13 00-0071 EA 6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,698.22	118.21
26 27 13 00-0072 EA 7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,823.85	128.96
26 27 13 00-0073 EA 8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,574.41	139.70
26 27 13 00-0074 120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0075 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0076 EA 3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	590.35	53.74
26 27 13 00-0077 EA 4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	773.75	64.48
26 27 13 00-0078 EA 6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,107.42	85.97
26 27 13 00-0079 EA 7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,433.80	96.72
26 27 13 00-0080 EA 8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,767.73	107.46
26 27 13 00-0081 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0082 EA 3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,063.77	53.74
26 27 13 00-0083 EA 4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	1,397.71	64.48

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0084	EA		6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,018.27	85.97
26 27 13 00-0085	EA		7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,229.14	96.72
26 27 13 00-0086	EA		8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 10,000 AIC	2,676.70	107.46
26 27 13 00-0087			800 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0088	EA		3 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	900.34	75.22
26 27 13 00-0089	EA		4 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,175.59	85.97
26 27 13 00-0090	EA		6 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,682.52	107.46
26 27 13 00-0091	EA		7 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,111.15	118.21
26 27 13 00-0092	EA		8 Meters And Main, 120/240 Volt, 800 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,217.87	128.96
26 27 13 00-0093			1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0094	EA		3 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,371.87	75.22
26 27 13 00-0095	EA		4 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	1,791.03	85.97
26 27 13 00-0096	EA		6 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,515.74	107.46
26 27 13 00-0097	EA		7 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	2,698.19	118.21
26 27 13 00-0098	EA		8 Meters And Main, 120/240 Volt, 1,200 Amp Bus, 4 Jaw Sockets, 42,000 AIC	3,439.29	128.96
26 27 13 00-0099			120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0100			800 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0101	EA		3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	645.92	64.48
26 27 13 00-0102	EA		4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	839.74	75.22
26 27 13 00-0103	EA		6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,197.09	96.72
26 27 13 00-0104	EA		7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,559.43	107.46
26 27 13 00-0105	EA		8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,770.29	118.21
26 27 13 00-0106			1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0107	EA		3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,123.13	64.48
26 27 13 00-0108	EA		4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	1,476.01	75.22
26 27 13 00-0109	EA		6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,030.30	96.72
26 27 13 00-0110	EA		7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,241.15	107.46
26 27 13 00-0111	EA		8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 10,000 AIC	2,821.28	118.21
26 27 13 00-0112			800 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0113	EA		3 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	955.92	85.97
26 27 13 00-0114	EA		4 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,234.96	96.72
26 27 13 00-0115	EA		6 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,770.29	118.21
26 27 13 00-0116	EA		7 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,217.87	128.96
26 27 13 00-0117	EA		8 Meters And Main, 120/208 Volt, 800 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,324.58	139.70
26 27 13 00-0118			1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0119	EA		3 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,440.70	85.97
26 27 13 00-0120	EA		4 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	1,888.28	96.72
26 27 13 00-0121	EA		6 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,698.19	118.21
26 27 13 00-0122	EA		7 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	2,823.85	128.96
26 27 13 00-0123	EA		8 Meters And Main, 120/208 Volt, 1,200 Amp Bus, 5 Jaw Sockets, 42,000 AIC	3,574.41	139.70
26 27 13 00-0124			Watt/Hour Meters <small>(26 27 13)</small>		
26 27 13 00-0125	EA		Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	643.27	51.58
26 27 13 00-0126	EA		Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	1,910.95	103.16
26 27 13 00-0127	EA		Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,033.51	77.38
26 27 13 00-0128	EA		Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	1,249.75	77.38
26 27 13 00-0129	EA		Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,065.28	77.38
26 27 13 00-0130	EA		C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	713.39	71.35
26 27 13 00-0131	EA		P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,223.09	128.96
26 27 13 00-0132			Watt/Hour Meter Systems <small>(26 27 13)</small>		
Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.					
26 27 13 00-0133			Watt/Hour Meter System Without Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0134	EA		400 Amp System; 200 Amp M-90 Meter And Enclosure	3,226.87	515.90
26 27 13 00-0135	EA		600-800 Amp System; 200 Amp M-90 Meter And Enclosure	3,737.19	515.90
26 27 13 00-0136			Watt/Hour Meter System With Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0137	EA		400 Amp System; 400 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	5,467.45	515.90
26 27 13 00-0138	EA		600 Amp System; 600 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	6,580.25	515.90
26 27 13 00-0139	EA		800 Amp System; 800 Amp Main Breaker, 200 Amp M-90 Meter And Enclosure	7,052.18	515.90

26 27 16 Electrical Cabinets And Enclosures (26 27)

Note: Can be used as enclosure or pull/junction boxes.

26 27 16 00-0001 NEMA 1 Enclosures (26 27 16)

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

26 27 16 00-0002	Hinged Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0001)		
26 27 16 00-0003	4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0002)		
26 27 16 00-0004	EA 6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	54.22	17.20
26 27 16 00-0005	EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	60.79	18.91
26 27 16 00-0006	EA 8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	67.43	20.63
26 27 16 00-0007	EA 8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	78.72	24.07
26 27 16 00-0008	EA 10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	85.73	25.80
26 27 16 00-0009	EA 10" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	93.25	27.51
26 27 16 00-0010	EA 12" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	92.99	27.51
26 27 16 00-0011	EA 12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	100.68	29.23
26 27 16 00-0012	EA 12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	108.76	30.95
26 27 16 00-0013	EA 16" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	141.08	41.27
26 27 16 00-0014	EA 16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	171.13	49.86
26 27 16 00-0015	EA 18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	162.61	48.14
26 27 16 00-0016	6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0002)		
26 27 16 00-0017	EA 6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	67.93	20.63
26 27 16 00-0018	EA 8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	82.44	24.07
26 27 16 00-0019	EA 10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	98.44	29.23
26 27 16 00-0020	EA 10" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	106.32	30.95
26 27 16 00-0021	EA 12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	114.36	32.67
26 27 16 00-0022	EA 12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	122.77	34.38
26 27 16 00-0023	EA 16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	155.94	44.71
26 27 16 00-0024	EA 16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	189.09	55.02
26 27 16 00-0025	EA 18" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	182.37	53.31
26 27 16 00-0026	EA 18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	237.47	68.78
26 27 16 00-0027	EA 24" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	304.40	79.09
26 27 16 00-0028	EA 24" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	347.65	85.97
26 27 16 00-0029	EA 30" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	386.83	91.13
26 27 16 00-0030	EA 36" x 24" x 6" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	421.71	94.56
26 27 16 00-0031	Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0001)		
26 27 16 00-0032	3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0033	EA 4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	39.21	12.04
26 27 16 00-0034	EA 6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	56.06	17.20
26 27 16 00-0035	EA 8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure	62.68	18.91
26 27 16 00-0036	4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0037	EA 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	43.68	13.76
26 27 16 00-0038	EA 6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	54.08	17.20
26 27 16 00-0039	EA 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	60.57	18.91
26 27 16 00-0040	EA 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	67.19	20.63
26 27 16 00-0041	EA 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	78.40	24.07
26 27 16 00-0042	EA 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	85.38	25.80
26 27 16 00-0043	EA 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	92.76	27.51
26 27 16 00-0044	EA 12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	92.45	27.51
26 27 16 00-0045	EA 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	100.19	29.23
26 27 16 00-0046	EA 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	108.19	30.95
26 27 16 00-0047	EA 16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	141.08	41.27
26 27 16 00-0048	EA 16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	174.58	51.58
26 27 16 00-0049	EA 18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	161.83	48.14
26 27 16 00-0050	EA 18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	209.87	61.89
26 27 16 00-0051	EA 24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure	309.66	77.38
26 27 16 00-0052	6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0053	EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	67.63	20.63
26 27 16 00-0054	EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	74.83	22.35
26 27 16 00-0055	EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	86.24	25.80
26 27 16 00-0056	EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	97.94	29.23
26 27 16 00-0057	EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	105.80	30.95
26 27 16 00-0058	EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	113.76	32.67
26 27 16 00-0059	EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	122.08	34.38
26 27 16 00-0060	EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	155.94	44.71
26 27 16 00-0061	EA 16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	191.54	55.02
26 27 16 00-0062	EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	181.49	53.31
26 27 16 00-0063	EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	236.27	68.78
26 27 16 00-0064	EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	298.85	79.09
26 27 16 00-0065	EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	345.10	85.97
26 27 16 00-0066	EA 30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	373.54	91.13
26 27 16 00-0067	EA 36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure	411.43	94.56
26 27 16 00-0068	8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0069	EA 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	97.94	29.23
26 27 16 00-0070	EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	134.73	37.82
26 27 16 00-0071	EA 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	171.25	48.14
26 27 16 00-0072	EA 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	212.31	60.18
26 27 16 00-0073	EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure	202.40	58.46

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0074	EA		18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	250.85	72.22
26 27 16 00-0075	EA		24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	278.64	82.53
26 27 16 00-0076	EA		24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	327.64	87.69
26 27 16 00-0077	EA		24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	380.68	94.56
26 27 16 00-0078	EA		30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	405.55	99.73
26 27 16 00-0079	EA		30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	426.96	103.16
26 27 16 00-0080	EA		36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	439.78	103.16
26 27 16 00-0081			10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0082	EA		18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	230.26	65.34
26 27 16 00-0083	EA		18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	304.01	84.25
26 27 16 00-0084	EA		24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	305.44	89.41
26 27 16 00-0085	EA		24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	407.18	96.29
26 27 16 00-0086	EA		24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	470.93	106.60
26 27 16 00-0087	EA		30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	527.20	110.04
26 27 16 00-0088	EA		36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	563.61	115.20
26 27 16 00-0089			12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0031)		
26 27 16 00-0090	EA		18" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	335.73	92.85
26 27 16 00-0091	EA		24" x 12" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	331.31	98.00
26 27 16 00-0092	EA		24" x 18" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	447.28	106.60
26 27 16 00-0093	EA		24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	513.74	116.92
26 27 16 00-0094	EA		30" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	581.53	122.07
26 27 16 00-0095	EA		36" x 24" x 12" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	614.21	127.23
26 27 16 00-0096			NEMA 12 Enclosures (26 27 16)		
			Note: Dust-tight enclosures.		
26 27 16 00-0097			Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0096)		
26 27 16 00-0098			4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0097)		
26 27 16 00-0099	EA		4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	76.89	13.76
26 27 16 00-0100	EA		6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	100.15	18.91
26 27 16 00-0101	EA		8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	123.92	24.07
26 27 16 00-0102	EA		10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	134.16	25.80
26 27 16 00-0103	EA		12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	150.58	27.51
26 27 16 00-0104	EA		12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	162.20	29.23
26 27 16 00-0105			6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0097)		
26 27 16 00-0106	EA		6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	111.19	20.63
26 27 16 00-0107	EA		8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	122.50	22.35
26 27 16 00-0108			Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0096)		
26 27 16 00-0109			4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0108)		
26 27 16 00-0110	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	82.03	13.76
26 27 16 00-0111	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	102.04	18.91
26 27 16 00-0112	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	114.25	20.63
26 27 16 00-0113	EA		8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	131.42	24.07
26 27 16 00-0114	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	136.73	25.80
26 27 16 00-0115	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	157.04	27.51
26 27 16 00-0116	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	168.15	29.23
26 27 16 00-0117	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	187.87	30.95
26 27 16 00-0118			6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0108)		
26 27 16 00-0119	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	120.63	20.63
26 27 16 00-0120	EA		8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	134.91	22.35
26 27 16 00-0121	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	149.20	25.80
26 27 16 00-0122	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	177.14	30.95
26 27 16 00-0123	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	193.54	34.38
26 27 16 00-0124	EA		16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	264.17	44.71
26 27 16 00-0125	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	408.62	68.78
26 27 16 00-0126	EA		24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	518.69	79.09
26 27 16 00-0127	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	579.98	85.97
26 27 16 00-0128			8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0108)		
26 27 16 00-0129	EA		24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	548.70	87.69
26 27 16 00-0130	EA		24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	622.58	94.56
26 27 16 00-0131	EA		30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	678.00	99.73
26 27 16 00-0132	EA		30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	737.31	103.16
26 27 16 00-0133	EA		36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure.....	729.30	103.16
26 27 16 00-0134			Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0096)		
26 27 16 00-0135			8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0134)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				26 27 16 00-0136 EA 60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,002.91	139.70
				26 27 16 00-0137 10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0134)</small>		
				26 27 16 00-0138 EA 60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,038.79	154.74
				26 27 16 00-0139 EA 60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,324.23	165.49
				26 27 16 00-0140 EA 72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,693.01	206.33
				26 27 16 00-0141 EA 72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	3,022.61	243.29
				26 27 16 00-0142 12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0134)</small>		
				26 27 16 00-0143 EA 60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,268.85	243.29
				26 27 16 00-0144 EA 60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,513.20	257.91
				26 27 16 00-0145 EA 72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	2,833.06	275.10
				26 27 16 00-0146 EA 72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	3,092.02	275.10
				26 27 16 00-0147 NEMA 3 Enclosures <small>(26 27 16)</small>		
				Note: Can be used underground or encased in concrete.		
				26 27 16 00-0148 2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0149 EA 4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	217.70	60.18
				26 27 16 00-0150 3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0151 EA 4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	233.10	60.18
				26 27 16 00-0152 EA 5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	295.72	62.32
				26 27 16 00-0153 EA 6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	306.20	62.32
				26 27 16 00-0154 EA 6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	382.65	64.48
				26 27 16 00-0155 4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0156 EA 4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	292.88	62.32
				26 27 16 00-0157 EA 5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	320.29	62.32
				26 27 16 00-0158 EA 6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	333.80	64.48
				26 27 16 00-0159 EA 6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	417.99	64.48
				26 27 16 00-0160 EA 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	459.17	68.78
				26 27 16 00-0161 EA 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	494.12	73.08
				26 27 16 00-0162 EA 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	514.14	73.08
				26 27 16 00-0163 EA 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	609.70	75.22
				26 27 16 00-0164 EA 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	660.83	77.38
				26 27 16 00-0165 EA 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	901.88	85.97
				26 27 16 00-0166 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0167 EA 6" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	441.24	66.62
				26 27 16 00-0168 EA 8" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	554.79	75.22
				26 27 16 00-0169 EA 8" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	648.52	77.38
				26 27 16 00-0170 EA 10" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	746.03	79.52
				26 27 16 00-0171 EA 10" x 10" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	793.25	79.52
				26 27 16 00-0172 EA 12" x 8" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	901.63	85.97
				26 27 16 00-0173 EA 12" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,042.55	96.72
				26 27 16 00-0174 EA 16" x 6" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	982.57	92.42
				26 27 16 00-0175 EA 18" x 12" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,909.25	171.94
				26 27 16 00-0176 EA 18" x 18" x 6" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,296.33	214.92
				26 27 16 00-0177 8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0178 EA 8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	800.93	81.67
				26 27 16 00-0179 EA 12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,202.33	107.46
				26 27 16 00-0180 EA 12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,221.62	107.46
				26 27 16 00-0181 EA 16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,657.17	161.19
				26 27 16 00-0182 EA 18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,177.16	171.94
				26 27 16 00-0183 EA 24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,506.32	300.89
				26 27 16 00-0184 10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0185 EA 18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,901.04	214.92
				26 27 16 00-0186 12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0147)</small>		
				26 27 16 00-0187 EA 18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,451.90	257.91
				26 27 16 00-0188 EA 24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,664.52	236.42
				26 27 16 00-0189 NEMA 3R Enclosures <small>(26 27 16)</small>		
				Note: Rain-tight enclosures.		
				26 27 16 00-0190 Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0189)</small>		
				26 27 16 00-0191 4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0190)</small>		

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 27 16 00-0192	EA	6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	64.93		17.20
26 27 16 00-0193	EA	6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	71.65		18.91
26 27 16 00-0194	EA	8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	97.41		18.91
26 27 16 00-0195		6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0190)			
26 27 16 00-0196	EA	8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	127.93		25.80
26 27 16 00-0197	EA	10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	143.20		29.23
26 27 16 00-0198	EA	12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	167.06		32.67
26 27 16 00-0199	EA	12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	180.05		34.38
26 27 16 00-0200	EA	16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	234.38		44.71
26 27 16 00-0201	EA	16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	281.20		55.02
26 27 16 00-0202	EA	18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	324.69		68.78
26 27 16 00-0203		8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0190)			
26 27 16 00-0204	EA	24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	483.25		87.69
26 27 16 00-0205	EA	24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	534.37		94.56
26 27 16 00-0206	EA	30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	597.57		99.73
26 27 16 00-0207	EA	30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	627.51		103.16
26 27 16 00-0208		10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0190)			
26 27 16 00-0209	EA	12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	597.97		106.60
26 27 16 00-0210	EA	12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	675.44		120.36
26 27 16 00-0211	EA	12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	747.88		133.26
26 27 16 00-0212	EA	12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	823.64		147.01
26 27 16 00-0213	EA	12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	896.94		159.90
26 27 16 00-0214	EA	18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	398.02		84.25
26 27 16 00-0215	EA	24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	597.97		106.60
26 27 16 00-0216	EA	30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	698.48		110.04
26 27 16 00-0217	EA	36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	873.05		120.36
26 27 16 00-0218		12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0190)			
26 27 16 00-0219	EA	12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	569.14		85.11
26 27 16 00-0220	EA	12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	638.39		95.43
26 27 16 00-0221	EA	12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	706.77		105.74
26 27 16 00-0222	EA	12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	781.36		116.92
26 27 16 00-0223	EA	12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	850.61		127.23
26 27 16 00-0224	EA	18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	425.30		63.62
26 27 16 00-0225	EA	18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	569.14		85.11
26 27 16 00-0226	EA	18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	638.39		95.43
26 27 16 00-0227	EA	18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	747.16		111.76
26 27 16 00-0228	EA	18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	850.61		127.23
26 27 16 00-0229	EA	30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	811.15		125.51
26 27 16 00-0230	EA	36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	850.61		127.23
26 27 16 00-0231	EA	36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	894.03		130.67
26 27 16 00-0232	EA	36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	991.17		137.55
26 27 16 00-0233	EA	42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	1,072.20		144.43
26 27 16 00-0234		Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0189)			
26 27 16 00-0235		4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0234)			
26 27 16 00-0236	EA	4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	51.54		13.76
26 27 16 00-0237	EA	6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	62.30		17.20
26 27 16 00-0238	EA	6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	68.79		18.91
26 27 16 00-0239	EA	8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	76.29		20.63
26 27 16 00-0240	EA	8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	88.59		24.07
26 27 16 00-0241	EA	10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	96.57		25.80
26 27 16 00-0242	EA	10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	105.25		27.51
26 27 16 00-0243	EA	12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	104.78		27.51
26 27 16 00-0244	EA	12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	114.55		29.23
26 27 16 00-0245	EA	12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	123.23		30.95
26 27 16 00-0246	EA	18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	186.13		48.14
26 27 16 00-0247	EA	18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	248.34		61.89
26 27 16 00-0248		6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0234)			
26 27 16 00-0249	EA	6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	71.60		20.63
26 27 16 00-0250	EA	8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	97.84		25.80
26 27 16 00-0251	EA	10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	110.83		29.23
26 27 16 00-0252	EA	10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	120.16		30.95
26 27 16 00-0253	EA	12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	119.47		30.95
26 27 16 00-0254	EA	12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	129.35		32.67
26 27 16 00-0255	EA	12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	139.33		34.38
26 27 16 00-0256	EA	16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	181.85		44.71
26 27 16 00-0257	EA	18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	209.27		53.31
26 27 16 00-0258	EA	18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	279.34		68.78
26 27 16 00-0259	EA	24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	291.51		73.93
26 27 16 00-0260	EA	24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	333.46		79.09
26 27 16 00-0261	EA	24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure.....	375.76		85.97

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

26 27 16 00-0262	8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0234)</small>		
26 27 16 00-0263	EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	155.98	37.82
26 27 16 00-0264	EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	225.73	58.46
26 27 16 00-0265	EA 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	309.09	75.65
26 27 16 00-0266	EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	368.97	87.69
26 27 16 00-0267	EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	417.71	94.56
26 27 16 00-0268	EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 3R Enclosure	464.33	99.73
26 27 16 00-0269	10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0234)</small>		
26 27 16 00-0270	EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	340.95	84.25
26 27 16 00-0271	EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	459.19	106.60
26 27 16 00-0272	EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	504.13	110.04
26 27 16 00-0273	12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0234)</small>		
26 27 16 00-0274	EA 24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	507.32	116.92
26 27 16 00-0275	EA 30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	708.47	127.23
26 27 16 00-0276	EA 36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	732.25	130.67
26 27 16 00-0277	EA 36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	857.21	137.55
26 27 16 00-0278	NEMA 4 Enclosures <small>(26 27 16)</small>		
	Note: Water-tight enclosures.		
26 27 16 00-0279	Hinge Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0278)</small>		
26 27 16 00-0280	EA 4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	88.34	12.04
26 27 16 00-0281	EA 6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	102.86	14.61
26 27 16 00-0282	EA 8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	128.45	18.91
26 27 16 00-0283	EA 6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	121.83	18.91
26 27 16 00-0284	EA 10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	162.62	25.80
26 27 16 00-0285	EA 12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	203.10	30.95
26 27 16 00-0286	EA 10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	187.35	29.23
26 27 16 00-0287	EA 12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	218.28	34.38
26 27 16 00-0288	EA 14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	257.22	39.55
26 27 16 00-0289	EA 16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	310.99	49.86
26 27 16 00-0290	Clamp Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0278)</small>		
26 27 16 00-0291	EA 4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	80.65	12.04
26 27 16 00-0292	EA 6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	114.16	18.91
26 27 16 00-0293	Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures <small>(26 27 16 00-0278)</small>		
26 27 16 00-0294	EA 6" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	100.70	16.51
26 27 16 00-0295	EA 8" x 6" x 4" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	106.83	17.88
26 27 16 00-0296	EA 10" x 8" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	130.53	23.38
26 27 16 00-0297	EA 12" x 10" x 6" Screw Cover, Fiberglass NEMA 4 Or 4x Enclosure	153.13	25.80
26 27 16 00-0298	EA 14" x 12" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	198.50	32.67
26 27 16 00-0299	EA 16" x 14" x 8" Screw Cover, Fiberglass NEMA 4 Enclosure	231.91	38.68
26 27 16 00-0300	EA 18" x 16" x 10" Screw Cover, Fiberglass NEMA 4 Enclosure	323.29	61.89
26 27 16 00-0301	NEMA 4X Enclosures <small>(26 27 16)</small>		
	Note: Water-tight enclosures.		
26 27 16 00-0302	Clamp Cover, Aluminum NEMA 4X Enclosures <small>(26 27 16 00-0301)</small>		
26 27 16 00-0303	EA 6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	180.26	13.76
26 27 16 00-0304	EA 6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	211.35	18.91
26 27 16 00-0305	EA 10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	267.12	25.80
26 27 16 00-0306	EA 12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	324.44	30.95
26 27 16 00-0307	EA 14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	399.38	39.55
26 27 16 00-0308	EA 16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	470.26	49.86
26 27 16 00-0309	Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures <small>(26 27 16 00-0301)</small>		
26 27 16 00-0310	EA 4" x 4" x 3" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	162.39	12.04
	<i>For 316L Stainless Steel, Add</i>	35.72	
26 27 16 00-0311	EA 6" x 4" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	212.28	17.20
	<i>For 316L Stainless Steel, Add</i>	45.71	
26 27 16 00-0312	EA 6" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	240.15	18.91
	<i>For 316L Stainless Steel, Add</i>	52.07	
26 27 16 00-0313	EA 8" x 6" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	274.16	20.63
	<i>For 316L Stainless Steel, Add</i>	60.10	
26 27 16 00-0314	EA 10" x 8" x 4" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	337.03	25.80
	<i>For 316L Stainless Steel, Add</i>	73.59	
26 27 16 00-0315	EA 12" x 10" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	471.55	32.67
	<i>For 316L Stainless Steel, Add</i>	105.27	
26 27 16 00-0316	EA 14" x 12" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	587.04	39.55
	<i>For 316L Stainless Steel, Add</i>	131.81	
26 27 16 00-0317	EA 16" x 14" x 6" Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	709.23	49.86
	<i>For 316L Stainless Steel, Add</i>	157.83	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for item number, description, and costs. Section: 26 27 16 00-0318 Screw Cover, Polycarbonate NEMA 4X Enclosures. Includes various sizes and configurations with unit costs ranging from 18.91 to 77.98.

Table with columns for item number, description, and costs. Section: 26 27 16 00-0339 Hinged Cover, Polycarbonate NEMA 4X Enclosures. Includes various sizes and configurations with unit costs ranging from 18.91 to 77.98.

Table with columns for item number, description, and costs. Section: 26 27 16 00-0360 NEMA 7/9 Enclosures and 26 27 16 00-0361 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures. Includes unit costs ranging from 96.72 to 116.06.

Table with columns for item number, description, and costs. Section: 26 27 16 00-0365 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures. Includes various sizes and configurations with unit costs ranging from 116.06 to 322.39.

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

26 27 16 00-0377	8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0360)</small>		
26 27 16 00-0378	EA 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,030.15 78.13	145.07
26 27 16 00-0379	EA 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,044.25 91.41	145.07
26 27 16 00-0380	EA 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,312.61 119.92	145.07
26 27 16 00-0381	EA 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,562.69 74.88	161.19
26 27 16 00-0382	EA 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	3,731.34 112.04	290.15
26 27 16 00-0383	EA 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,540.72 150.73	354.63
26 27 16 00-0384	EA 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,116.60 226.69	419.10
26 27 16 00-0385	EA 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,092.52 146.76	354.63
26 27 16 00-0386	EA 16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,202.96 134.74	354.63
26 27 16 00-0387	EA 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,246.80 201.96	386.86
26 27 16 00-0388	EA 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,163.32 219.04	354.63
26 27 16 00-0389	EA 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,887.78 320.30	386.86
26 27 16 00-0390	EA 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,840.89 427.00	386.86
26 27 16 00-0391	EA 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	10,611.71 533.67	515.81
26 27 16 00-0392	EA 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,079.25 496.22	419.10
26 27 16 00-0393	EA 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	14,625.51 679.32	644.77
26 27 16 00-0394	10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0360)</small>		
26 27 16 00-0395	EA 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,400.70 226.69	419.10
26 27 16 00-0396	EA 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,812.66 201.96	386.86
26 27 16 00-0397	EA 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,421.84 320.30	419.10
26 27 16 00-0398	EA 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,367.03 533.67	451.34
26 27 16 00-0399	EA 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,294.01 496.22	451.34
26 27 16 00-0400	EA 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	15,926.99 679.32	644.77
26 27 16 00-0401	12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0360)</small>		
26 27 16 00-0402	EA 12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	4,642.05 150.73	354.63
26 27 16 00-0403	Breaker Enclosures <small>(26 27 16)</small> See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0404	15 To 100 Amp, F-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0405	EA NEMA 1, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	315.21	68.78
26 27 16 00-0406	EA NEMA 3R, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	607.55	68.78
26 27 16 00-0407	EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	1,534.27	94.56
26 27 16 00-0408	EA NEMA 7, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure.....	2,091.96	103.16
26 27 16 00-0409	EA NEMA 9, Cast Aluminum, 15 To 100 Amp, F-Frame Breaker Enclosure.....	1,511.98	103.16
26 27 16 00-0410	EA NEMA 12, Painted Steel, 15 To 100 Amp, F-Frame Breaker Enclosure.....	504.05	94.56
26 27 16 00-0411	15 To 250 Amp, H Or J-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0412	EA NEMA 1, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	510.61	94.56
26 27 16 00-0413	EA NEMA 3R, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	978.75	94.56
26 27 16 00-0414	EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	3,441.40	120.36
26 27 16 00-0415	EA NEMA 12, Painted Steel, 15 To 250 Amp, H Or J-Frame Breaker Enclosure.....	787.78	120.36
26 27 16 00-0416	125 To 400 Amp, L-Frame Breaker Enclosures <small>(26 27 16 00-0403)</small>		
26 27 16 00-0417	EA NEMA 1, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	779.64	189.13
26 27 16 00-0418	EA NEMA 3R, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,934.02	189.13
26 27 16 00-0419	EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	5,814.08	240.72
26 27 16 00-0420	EA NEMA 12, Painted Steel, 125 To 400 Amp, L-Frame Breaker Enclosure.....	1,330.17	240.72

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 27 16 00-0421		300 To 800 Amp, M-Frame Breaker Enclosures (26 27 16 00-0403)			
26 27 16 00-0422	EA	NEMA 1, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	1,531.53		361.07
26 27 16 00-0423	EA	NEMA 3R, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	2,751.65		361.07
26 27 16 00-0424	EA	NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	10,445.89		464.23
26 27 16 00-0425	EA	NEMA 12, Painted Steel, 300 To 800 Amp, M-Frame Breaker Enclosure	5,551.31		464.23
26 27 16 00-0426		250 To 1,200 Amp, P-Frame Breaker Enclosures (26 27 16 00-0403)			
26 27 16 00-0427	EA	NEMA 1, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	1,906.59		361.07
26 27 16 00-0428	EA	NEMA 3R, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	3,344.79		361.07
26 27 16 00-0429	EA	NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amp, P-Frame Breaker Enclosure	7,036.51		464.23
26 27 16 00-0430		Legend Plates (26 27 16)			
26 27 16 00-0431	EA	3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters	10.96		4.30
26 27 16 00-0432	EA	3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters	12.97		4.30
26 27 23		Indoor Service Poles (26 27)			
26 27 23 00-0001		Communication And Power Poles (26 27 23) Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.			
26 27 23 00-0002		Steel Communication And Power Poles (26 27 23 00-0001)			
26 27 23 00-0003		2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)			
26 27 23 00-0004		2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003)			
26 27 23 00-0005	EA	2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	217.68		38.11
26 27 23 00-0006	EA	2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	236.05		38.11
26 27 23 00-0007	EA	2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	257.31		38.11
26 27 23 00-0008		Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003) Note: Excludes receptacles, communication jacks and wiring.			
26 27 23 00-0009	EA	Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle	46.96		7.86
26 27 23 00-0010	EA	Add-On Cover Plate For Three Duplex Receptacles	38.77		7.86
26 27 23 00-0011	EA	Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle	43.77		7.86
26 27 23 00-0012	EA	Add-On Cover Plate For Data And A/V Modular Devices	32.69		7.86
26 27 23 00-0013	EA	Add-On Radius Control Entrance End Fitting	27.10		7.86
26 27 23 00-0014		2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)			
26 27 23 00-0015		2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014)			
26 27 23 00-0016	EA	2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	280.69		38.11
26 27 23 00-0017	EA	2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	320.18		38.11
26 27 23 00-0018	EA	2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	341.50		38.11
26 27 23 00-0019		Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014) Note: Excludes receptacles and communication jacks.			
26 27 23 00-0020	EA	Add-On Cover Plate For One Single Receptacle	30.22		7.86
26 27 23 00-0021	EA	Add-On Cover Plate For One Duplex Receptacle	27.27		7.86
26 27 23 00-0022	EA	Add-On Cover Plate For Data And A/V Modular Devices	29.38		7.86
26 27 23 00-0023		3" Width, Steel Communication And Power Poles (26 27 23 00-0002)			
26 27 23 00-0024		3" Width, Steel Communication And Power Poles (26 27 23 00-0023)			
26 27 23 00-0025	EA	3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole	364.38		38.11
26 27 23 00-0026	EA	3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole	411.91		38.11
26 27 23 00-0027	EA	3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole	443.25		38.11
26 27 23 00-0028		Additional Cover Plates For 3" Width, Steel Communication And Power Poles (26 27 23 00-0023) Note: Excludes receptacles and communication jacks.			
26 27 23 00-0029	EA	Add-On Cover Plate For One Single Receptacle	30.22		7.86
26 27 23 00-0030	EA	Add-On Cover Plate For One Duplex Receptacle	27.27		7.86
26 27 23 00-0031	EA	Add-On Cover Plate For Data And A/V Modular Devices	29.38		7.86
26 27 23 00-0032		Aluminum Communication And Power Poles (26 27 23 00-0001)			
26 27 23 00-0033		2-1/8" Width, Aluminum Communication And Power Poles (26 27 23 00-0032)			
26 27 23 00-0034		2-1/8" Width, Aluminum Communication And Power Poles (26 27 23 00-0033)			
26 27 23 00-0035	EA	2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	293.06		38.11
26 27 23 00-0036	EA	2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole	326.29		38.11

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

26 27 23 00-0037	EA		2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	363.55	38.11
26 27 23 00-0038			Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0033)</small>		
26 27 23 00-0039	EA		Add-On Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	45.71	7.86
26 27 23 00-0040	EA		Add-On Cover Plate For Three Duplex Receptacles.....	46.65	7.86
26 27 23 00-0041	EA		Add-On Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	49.77	7.86
26 27 23 00-0042	EA		Add-On Cover Plate For Data And A/V Modular Devices.....	34.44	7.86
26 27 23 00-0043	EA		Add-On Radius Control Entrance End Fitting.....	27.10	7.86
26 27 23 00-0044			2-1/4" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0045	EA		2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	282.68	38.11
26 27 23 00-0046	EA		2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	316.76	38.11
26 27 23 00-0047	EA		2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	356.92	38.11
26 27 23 00-0048			5" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0049	EA		5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	586.29	38.11
26 27 23 00-0050	EA		5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	669.89	38.11
26 27 23 00-0051	EA		5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	763.52	38.11
26 27 23 00-0052			2" Diameter, Round Aluminum Communication And Power Pole <small>(26 27 23 00-0032)</small>		
26 27 23 00-0053	EA		2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	320.77	38.11
26 27 23 00-0054	EA		2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	303.93	38.11
26 27 23 00-0055	EA		2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	388.01	38.11
26 27 26			Wiring Devices <small>(26 27)</small>		
			Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001			Receptacles <small>(26 27 26)</small>		
26 27 26 00-0002			Television Receptacle <small>(26 27 26 00-0001)</small>		
26 27 26 00-0003	EA		TV Receptacle With Cover (Type F) - Complete.....	48.11	19.94
26 27 26 00-0004			General Use Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0005			Receptacle Assemblies <small>(26 27 26 00-0004)</small>		
			Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0006	EA		1 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly.....	67.77	30.52
26 27 26 00-0007	EA		1 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly.....	72.48	32.67
26 27 26 00-0008	EA		2 Gang, 15 Amp, NEMA 5-15, Duplex Receptacle Assembly.....	86.84	39.11
26 27 26 00-0009	EA		2 Gang, 20 Amp, NEMA 5-20, Duplex Receptacle Assembly.....	96.27	43.41
26 27 26 00-0010	EA		1 Gang, 15 Amp, GFI, Duplex Receptacle Assembly.....	73.40	30.52
26 27 26 00-0011	EA		1 Gang, 20 Amp, GFI, Duplex Receptacle Assembly.....	78.42	32.67
26 27 26 00-0012			Receptacle Components <small>(26 27 26 00-0004)</small>		
26 27 26 00-0013	EA		15 Amp, NEMA 5-15, Single Receptacle, 125 Volt, 1 Phase.....	18.74	8.60
26 27 26 00-0014	EA		15 Amp, NEMA 5-15, Duplex Receptacle, 125 Volt, 1 Phase.....	18.41	8.60
26 27 26 00-0015	EA		15 Amp, Single Receptacle, 120/277 Volt, 3 Wire.....	20.35	8.60
26 27 26 00-0016	EA		15 Amp, Duplex Receptacle, 120/277 Volt, 3 Wire.....	21.47	8.60
26 27 26 00-0017	EA		15 Amp, NEMA 6-15, Single Receptacle, 250 Volt, 1 Phase.....	27.19	10.74
26 27 26 00-0018	EA		15 Amp, NEMA 6-15, Duplex Receptacle, 250 Volt, 1 Phase.....	30.87	10.74
26 27 26 00-0019	EA		20 Amp, NEMA 5-20, Single Receptacle, 125 Volt, 1 Phase.....	19.17	8.60
26 27 26 00-0020	EA		20 Amp, NEMA 5-20, Duplex Receptacle, 125 Volt, 1 Phase.....	18.82	8.60
26 27 26 00-0021	EA		20 Amp, Single Receptacle, 120/277 Volt.....	23.87	8.60
26 27 26 00-0022	EA		20 Amp, Duplex Receptacle, 120/277 Volt.....	21.11	8.60
26 27 26 00-0023	EA		20 Amp, NEMA 6-20, Single Receptacle, 250 Volt, 1 Phase.....	27.19	10.74
26 27 26 00-0024	EA		20 Amp, NEMA 6-20, Duplex Receptacle, 250 Volt, 1 Phase.....	30.87	10.74
26 27 26 00-0025	EA		20 Amp, NEMA 14-20, Single Receptacle, 125/250 Volt, 1 Phase.....	42.68	10.74
26 27 26 00-0026	EA		20 Amp, NEMA 15-20, Single Receptacle, 250 Volt, 3 Phase.....	42.68	10.74
26 27 26 00-0027	EA		25 Amp, Duplex Receptacle, 120/277 Volt.....	39.40	12.90
26 27 26 00-0028			Specialty Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0029			Specialty <small>(26 27 26 00-0028)</small>		
26 27 26 00-0030	EA		30 Amp, NEMA 5-30, Single Receptacle, 125 Volt, 1 Phase.....	38.43	15.04
26 27 26 00-0031	EA		30 Amp, NEMA 6-30, Single Receptacle, 250 Volt, 1 Phase.....	38.43	15.04
26 27 26 00-0032	EA		30 Amp, NEMA 10-30 Single Receptacles, 125/250 Volt.....	50.92	15.04
26 27 26 00-0033	EA		30 Amp, NEMA 14-30, Single Receptacle, 125/250 Volt, 1 Phase.....	51.26	15.04
26 27 26 00-0034	EA		30 Amp, NEMA 15-30, Single Receptacle, 250 Volt, 3 Phase.....	55.56	17.20
26 27 26 00-0035	EA		50 Amp, NEMA 5-50, Single Receptacle, 125 Volt, 1 Phase.....	52.50	17.20
26 27 26 00-0036	EA		50 Amp, NEMA 6-50, Single Receptacle, 250 Volt, 1 Phase.....	51.64	17.20
26 27 26 00-0037	EA		50 Amp, NEMA 7-50 Single Receptacles, 277 Volt.....	47.19	17.20
26 27 26 00-0038	EA		50 Amp, NEMA 10-50 Single Receptacles, 125/250 Volt.....	61.07	17.20
26 27 26 00-0039	EA		50 Amp, NEMA 14-50, Single Receptacle, 125/250 Volt, 1 Phase.....	60.26	17.20
26 27 26 00-0040	EA		50 Amp, NEMA 15-50, Single Receptacle, 250 Volt, 3 Phase.....	64.56	19.34
26 27 26 00-0041	EA		60 Amp, NEMA 14-60, Single Receptacle, 125/250 Volt, 1 Phase.....	71.22	21.50

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 27 26 00-0042	EA	60 Amp, NEMA 15-60, Single Receptacle, 250 Volt, 3 Phase.....	79.82	25.80
26 27 26 00-0043	EA	100 Amp, 3 Phase, 480 Volt Joy Receptacle With Box - Complete.....	718.30	202.03
26 27 26 00-0044	EA	400 Amp, 4 Pole Weatherproof Generator Receptacle With Box - Complete.....	1,535.25	247.16
26 27 26 00-0045	EA	30 Amp, Dryer Receptacle, 230 Volt.....	45.18	17.20
26 27 26 00-0046	EA	60 Amp, Range Receptacle, 230 Volt.....	66.71	25.80
26 27 26 00-0047	EA	15 Or 20 Amp, Clock Hanger Receptacle, 120/277 Volt.....	37.58	10.74
26 27 26 00-0048	EA	Cable Reel With 20 Amp, 120 Volt Receptacle - Complete.....	798.97	261.96
26 27 26 00-0049 Isolated Ground Receptacles (26 27 26 00-0028)				
26 27 26 00-0050	EA	15 Amp, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex.....	52.06	8.60
		Note: 2 Pole, 3 wire.		
26 27 26 00-0051	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Simplex.....	33.39	10.74
26 27 26 00-0052	EA	20 Amp, 120 Volt Isolated Ground Receptacles, Duplex.....	33.30	10.74
26 27 26 00-0053	EA	30 Amp, 120 Volt Isolated Ground Receptacles, Simplex.....	48.31	17.20
26 27 26 00-0054	EA	Locking 15 Amp, 250 Volt Isolated Ground Receptacles.....	36.22	10.74
26 27 26 00-0055	EA	Locking 15 Amp, 277 Volt Isolated Ground Receptacles.....	34.02	10.74
26 27 26 00-0056	EA	Locking 20 Amp, 120/208 Volt Isolated Ground Receptacles.....	45.21	12.90
26 27 26 00-0057	EA	Locking 20 Amp, 277/480 Volt Isolated Ground Receptacles.....	38.35	12.90
26 27 26 00-0058	EA	Locking 20 Amp, 347/600 Volt Isolated Ground Receptacles.....	46.03	12.90
26 27 26 00-0059	EA	Locking 30 Amp, 120/208 Volt Isolated Ground Receptacles.....	53.51	12.90
26 27 26 00-0060	EA	Locking 30 Amp, 277 Volt Isolated Ground Receptacles.....	56.81	17.20
26 27 26 00-0061 Explosion Proof Receptacles (26 27 26 00-0028)				
26 27 26 00-0062	EA	1/2", 20 Amp, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly.....	443.32	21.50
26 27 26 00-0063	EA	3/4", 20 Amp, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly.....	417.22	23.64
26 27 26 00-0064	EA	3/4", 30 Amp, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly.....	685.75	42.98
26 27 26 00-0065	EA	3/4", 30 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly.....	856.47	42.98
26 27 26 00-0066	EA	1-1/4", 60 Amp, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly.....	1,090.39	64.48
26 27 26 00-0067	EA	1-1/4", 60 Amp, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly.....	1,056.60	64.48
26 27 26 00-0068 Ground Fault Circuit Interrupter (GFCI) (26 27 26 00-0028)				
26 27 26 00-0069	EA	15 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle.....	21.88	10.74
26 27 26 00-0070	EA	20 Amp Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle.....	33.36	12.90
26 27 26 00-0071 Locking Receptacle (26 27 26 00-0028)				
26 27 26 00-0072	EA	Locking, 15 Amp, 250 Volt, NEMA L15-15 Power Receptacles, 2 Phase.....	43.24	10.74
26 27 26 00-0073	EA	Locking, 15 Amp, 250 Volt, NEMA L16-15 Power Receptacles, 2 Phase.....	44.53	10.74
26 27 26 00-0074	EA	Locking, 20 Amp, 125 Volt, NEMA L5-20 Power Receptacles.....	34.15	12.90
26 27 26 00-0075	EA	Locking, 20 Amp, 250 Volt, NEMA L6-20 Power Receptacles.....	34.20	12.90
26 27 26 00-0076	EA	Locking, 20 Amp, 480 Volt, NEMA L8-20 Power Receptacles.....	35.93	12.90
26 27 26 00-0077	EA	Locking, 20 Amp, 600 Volt, NEMA L9-20 Power Receptacles.....	39.94	12.90
26 27 26 00-0078	EA	Locking, 20 Amp, 125/250 Volt, NEMA L10-20 Power Receptacles.....	37.56	12.90
26 27 26 00-0079	EA	Locking, 20 Amp, 125/250 Volt, NEMA L14-20 Power Receptacles.....	38.16	12.90
26 27 26 00-0080	EA	Locking, 30 Amp, 120 Volt AC, NEMA L5-30 Power Receptacles.....	43.94	17.20
26 27 26 00-0081	EA	Locking, 30 Amp, 250 Volt AC, NEMA L6-30 Power Receptacles.....	44.49	17.20
26 27 26 00-0082	EA	Locking, 30 Amp, 250 Volt, NEMA L15-30 Power Receptacles, 3 Phase.....	50.32	17.20
26 27 26 00-0083 Hospital Grade Receptacle (26 27 26 00-0028)				
26 27 26 00-0084	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Single Receptacle.....	31.30	8.60
26 27 26 00-0085	EA	15 Amp Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle.....	33.73	8.60
26 27 26 00-0086	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle.....	36.31	8.60
26 27 26 00-0087	EA	20 Amp Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground.....	41.19	8.60
26 27 26 00-0088	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle.....	36.68	8.60
26 27 26 00-0089	EA	20 Amp Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground.....	41.73	8.60
26 27 26 00-0090	EA	120 Volt Transient Voltage Surge Suppressor Receptacle.....	87.04	25.80
		Note: Hospital grade receptacle.		
26 27 26 00-0091 Weathertight Pin And Sleeve Receptacle (26 27 26 00-0028)				
26 27 26 00-0092	EA	20 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W).....	170.47	42.98
26 27 26 00-0093	EA	20 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W).....	170.12	42.98
26 27 26 00-0094	EA	20 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W).....	176.71	42.98
26 27 26 00-0095	EA	20 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W).....	213.25	47.28
26 27 26 00-0096	EA	20 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W).....	213.80	47.28
26 27 26 00-0097	EA	20 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W).....	212.53	47.28
26 27 26 00-0098	EA	30 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W).....	253.02	52.87
26 27 26 00-0099	EA	30 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W).....	242.30	52.87
26 27 26 00-0100	EA	30 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W).....	259.08	52.87
26 27 26 00-0101	EA	30 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W).....	263.79	58.03
26 27 26 00-0102	EA	30 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W).....	263.58	58.03
26 27 26 00-0103	EA	30 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W).....	265.10	58.03
26 27 26 00-0104	EA	60 Amp, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W).....	365.28	68.78
26 27 26 00-0105	EA	60 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W).....	352.30	68.78
26 27 26 00-0106	EA	60 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	360.75	68.78
26 27 26 00-0107	EA	60 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	401.71	76.52
26 27 26 00-0108	EA	60 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	401.96	76.52
26 27 26 00-0109	EA	60 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	402.21	76.52
26 27 26 00-0110	EA	100 Amp, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	447.48	85.97
26 27 26 00-0111	EA	100 Amp, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	464.12	85.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0112 EA 100 Amp, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	500.26	94.56
26 27 26 00-0113 EA 100 Amp, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	499.01	94.56
26 27 26 00-0114 EA 100 Amp, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	501.36	94.56
26 27 26 00-0115 Corrosion Resistant Receptacle (26 27 26 00-0028)		
26 27 26 00-0116 EA 15/20 Amp, 125 Volt Corrosion Resistant, Power Receptacles.....	36.84	8.60
26 27 26 00-0117 EA 15/20 Amp, 250 Volt Corrosion Resistant, Power Receptacles.....	67.91	10.74
26 27 26 00-0118 Tamper Resistant Receptacle (26 27 26 00-0028)		
26 27 26 00-0119 EA 15 Amp, 125 Volt Duplex Tamper Resistant Receptacle..... Note: Pass & Seymour 3232-TR.	20.12	8.60
26 27 26 00-0120 EA 20 Amp, 125 Volt Duplex Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR20.	21.62	8.60
26 27 26 00-0121 EA 15 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5251.	25.92	8.60
26 27 26 00-0122 EA 20 Amp, 125 Volt Single Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour TR5351.	27.94	8.60
26 27 26 00-0123 EA 15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle..... Note: Pass & Seymour S1595-TR*CC8.	40.08	8.60
26 27 26 00-0124 EA 15 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 1595-TRS.	42.97	8.60
26 27 26 00-0125 EA 20 Amp, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle..... Note: Pass & Seymour 2095-TRS.	45.73	8.60
26 27 26 00-0126 Switches (26 27 26)		
26 27 26 00-0127 Switches (26 27 26 00-0126)		
26 27 26 00-0128 Switch Assemblies (26 27 26 00-0127)		
Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0129 EA 1 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	68.72	30.08
26 27 26 00-0130 EA 1 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	74.08	32.67
26 27 26 00-0131 EA 2 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	90.89	39.33
26 27 26 00-0132 EA 2 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	99.90	43.63
26 27 26 00-0133 EA 3 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	156.19	67.49
26 27 26 00-0134 EA 3 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	169.70	73.93
26 27 26 00-0135 EA 4 Gang, 15 Amp, 120/277 Volt, SPST, Switch Assembly.....	178.20	76.29
26 27 26 00-0136 EA 4 Gang, 20 Amp, 120/277 Volt, SPST, Switch Assembly.....	196.20	84.89
26 27 26 00-0137 Switch Components (26 27 26 00-0127)		
26 27 26 00-0138 EA 15 Amp, 120/277 Volt, SPST Switch.....	20.22	8.60
26 27 26 00-0139 EA 15 Amp, 120/277 Volt, 3-Way Switch.....	25.47	10.74
26 27 26 00-0140 EA 15 Amp, 120/277 Volt, 4-Way Switch.....	45.89	17.20
26 27 26 00-0141 EA 15 Amp, 120/277 Volt, DPST Switch.....	21.98	8.60
26 27 26 00-0142 EA 15 Amp, 120/277 Volt, Thermal Switch.....	36.51	10.74
26 27 26 00-0143 EA 20 Amp, 120/277 Volt, SPST Switch.....	24.72	10.74
26 27 26 00-0144 EA 20 Amp, 120/277 Volt, 3-Way Switch.....	30.21	12.90
26 27 26 00-0145 EA 20 Amp, 120/277 Volt, 4-Way Switch.....	56.34	17.20
26 27 26 00-0146 EA 20 Amp, 120/277 Volt, DPST Switch.....	27.54	10.74
26 27 26 00-0147 EA 20 Amp, 120/277 Volt, DPDT Switch.....	28.79	10.74
26 27 26 00-0148 EA 15 Amp, 120/277 Volt, Single Pole, Momentary Contact Switch, Toggle, Three Position, Center Off.....	46.56	10.76
26 27 26 00-0149 EA 15 Amp, 120/277 Volt, Momentary Contact Switch, Key Operated, Single Pole, Three Position, Center Off.....	57.98	10.76
26 27 26 00-0150 EA Momentary Contact Switch With Separate Neon Pilot..... Note: Neon Pilot is 125 V, 1 / 125W.	45.45	12.92
26 27 26 00-0151 EA 20 Amp, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off..... Note: Or 250 VAC 10 Amp, double throw BAT handle.	36.34	15.04
26 27 26 00-0152 EA 20 Amp, 125 Volt AC, Double Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	43.49	17.20
26 27 26 00-0153 EA 20 Amp, 125 Volt AC, Three Pole, Maintained Contact Switch..... Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.	56.37	17.20
26 27 26 00-0154 EA 30 Amp, 120/277 Volt, Single Pole Local Switch.....	48.40	17.22
26 27 26 00-0155 EA 30 Amp, 120/277 Volt, Double Pole Local Switch.....	58.67	17.22
26 27 26 00-0156 EA 30 Amp, 120/277 Volt, Three-Way Local Switch.....	62.23	21.53
26 27 26 00-0157 EA 30 Amp, 120/277 Volt, Four-Way Local Switch.....	85.30	23.68
26 27 26 00-0158 EA 15 Amp, 120/277 Volt, Local Switch With Neon Pilot.....	45.04	14.08
26 27 26 00-0159 EA 15 Amp, 120/277 Volt, Local Switch With Separate Neon Pilot..... Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.	60.69	14.08
26 27 26 00-0160 EA 15 Amp, 120 Volt, Single Pole Lighted Toggle Switch, Clear Toggle, Lighted In On Position.....	53.95	14.08
26 27 26 00-0161 EA 15 Amp, 120 Volt, Lighted Toggle Switch, Ivory Toggle, Lighted In Off Position.....	51.62	14.08
26 27 26 00-0162 EA Automatic Door Switch, Door Open-Light On, 6 Amp, 125 Volt.....	52.84	6.98
26 27 26 00-0163 EA Automatic Door Switch, Door Closed-Light On, 6 Amp, 125 Volt.....	55.99	6.98
26 27 26 00-0164 EA 15 Amp, 120/277 Volt, Single Pole Momentary Contact Switch, Three Position, Center Off, Toggle.....	62.66	26.86
26 27 26 00-0165 EA Momentary Contact Switch, Three Position, Center Off, Key Operated..... Note: 15A, 120/277 V, Single Pole	74.08	26.86
26 27 26 00-0166 Specialty Switches (26 27 26 00-0126)		
26 27 26 00-0167 Dimmers With SPST Switch (26 27 26 00-0166)		
26 27 26 00-0168 EA 600 Watt Dimmers With SPST Switch.....	45.21	19.34
26 27 26 00-0169 EA 1,000 Watt Dimmers With SPST Switch.....	65.58	19.34

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 27 Low-Voltage Distribution Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0170	EA		1,500 Watt Dimmers With SPST Switch	114.88	31.12
26 27 26 00-0171	EA		2,000 Watt Dimmers With SPST Switch	140.87	31.12
26 27 26 00-0172	EA		600 Watt Fluorescent Dimmer Switch	83.34	22.95
26 27 26 00-0173	EA		1,000 Watt Fluorescent Dimmer Switch	105.70	22.95
26 27 26 00-0174	EA		1,500 Watt Fluorescent Dimmer Switch	185.28	34.64
26 27 26 00-0175	EA		Remote Speed Switch For Paddle Fan	71.64	28.63
26 27 26 00-0176	EA		600 Watt Combination Remote Speed Switch/Incandescent Dimmer	114.24	42.72
26 27 26 00-0177			Time Switches <small>(26 27 26 00-0166)</small>		
26 27 26 00-0178	EA		40 Amp, SPST, 125 Volt, Standard Time Switch	75.11	25.80
26 27 26 00-0179	EA		40 Amp, SPST, 277 Volt, Standard Time Switch	76.29	25.80
26 27 26 00-0180	EA		40 Amp, DPST, 125 Volt, Standard Time Switch	75.11	25.80
26 27 26 00-0181	EA		40 Amp, DPST, 277 Volt, Standard Time Switch	76.29	25.80
26 27 26 00-0182	EA		40 Amp, SPST, 125 Volt, 7-Day Time Switch	82.95	25.80
26 27 26 00-0183	EA		40 Amp, SPST, 277 Volt, 7-Day Time Switch	82.95	25.80
26 27 26 00-0184	EA		40 Amp, DPDT, 125 Volt, 7-Day Time Switch	129.23	25.80
26 27 26 00-0185	EA		40 Amp, DPDT, 277 Volt, 7-Day Time Switch	129.23	25.80
26 27 26 00-0186	EA		20 Amp, SPST, 125 Volt, Programmable Time Switch	114.38	25.80
26 27 26 00-0187	EA		20 Amp, SPST, 277 Volt, Programmable Time Switch	123.45	25.80
26 27 26 00-0188	EA		20 Amp, SPST, 277 Volt, Programmable Time Switch - Weatherproof	123.45	25.80
26 27 26 00-0189	EA		40 Amp, 4PST, 125 Volt, Astro Dial Time Switch	144.88	25.80
26 27 26 00-0190	EA		40 Amp, 4PST, 277 Volt, Astro Dial Time Switch	148.49	25.80
26 27 26 00-0191	EA		40 Amp, SPST, 125 Volt, Standard Time Switch - Weatherproof	75.11	25.80
26 27 26 00-0192	EA		40 Amp, SPST, 277 Volt, Standard Time Switch - Weatherproof	76.29	25.80
26 27 26 00-0193	EA		40 Amp, DPST, 125 Volt, Standard Time Switch - Weatherproof	75.11	25.80
26 27 26 00-0194	EA		40 Amp, DPST, 277 Volt, Standard Time Switch - Weatherproof	76.29	25.80
26 27 26 00-0195	EA		40 Amp, SPST, 125 Volt, 7-Day Time Switch - Weatherproof	82.95	25.80
26 27 26 00-0196	EA		40 Amp, SPST, 277 Volt, 7-Day Time Switch - Weatherproof	82.95	25.80
26 27 26 00-0197	EA		40 Amp, DPDT, 125 Volt, 7-Day Time Switch - Weatherproof	129.23	25.80
26 27 26 00-0198	EA		40 Amp, DPDT, 277 Volt, 7-Day Time Switch - Weatherproof	129.23	25.80
26 27 26 00-0199	EA		40 Amp, 4PST, 125 Volt, Astro Dial Time Switch - Weatherproof	144.88	25.80
26 27 26 00-0200	EA		40 Amp, 4PST, 277 Volt, Astro Dial Time Switch - Weatherproof	148.49	25.80
26 27 26 00-0201			Low Voltage Switching <small>(26 27 26 00-0166)</small>		
26 27 26 00-0202	EA		36 Pin Male Or Female Connector	93.27	8.60
26 27 26 00-0203			Other Switches <small>(26 27 26 00-0166)</small>		
26 27 26 00-0204	EA		Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	27.26	12.90
26 27 26 00-0205	EA		Locking Switch, SPST Concealed Devices	78.86	34.38
26 27 26 00-0206	EA		Locking Switch, 3-Way Concealed Devices	79.53	34.38
26 27 26 00-0207	EA		Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	82.25	32.15
26 27 26 00-0208	EA		15 Amp Momentary Contact Switch	79.68	32.15
26 27 26 00-0209	EA		20 Amp Momentary Contact Switch	82.39	32.15
26 27 26 00-0210	EA		2-1/4" Handy Box Cover Units Fuseholder Switch	85.03	38.75
26 27 26 00-0211	EA		2-3/4" Handy Box Cover Units Fuseholder Switch	85.78	38.75
26 27 26 00-0212	EA		4" Square Box Cover Units With 2 Fuseholders And 2 Switches	105.26	47.36
26 27 26 00-0213	EA		4" Square Box Cover Units With 1 Fuseholder And 1 Switch	95.71	43.05
26 27 26 00-0214	EA		4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	95.90	43.05
26 27 26 00-0215			Hospital Grade Switches <small>(26 27 26 00-0166)</small>		
26 27 26 00-0216	EA		15 Amp, 120/277 Volt, SPST Hospital Grade Switch	20.22	8.60
26 27 26 00-0217	EA		20 Amp, 120/277 Volt, SPST Hospital Grade Switch	24.72	10.74
26 27 26 00-0218			Plates And Covers <small>(26 27 26)</small>		
26 27 26 00-0219			Wall Plates <small>(26 27 26 00-0218)</small>		
26 27 26 00-0220			Nylon Wall Plates <small>(26 27 26 00-0219)</small>		
26 27 26 00-0221	EA		1 Gang Nylon Switch Plate	1.23	0.43
26 27 26 00-0222	EA		2 Gang Nylon Switch Plate	2.04	0.64
26 27 26 00-0223	EA		3 Gang Nylon Switch Plate	2.88	0.86
26 27 26 00-0224	EA		4 Gang Nylon Switch Plate	4.05	1.07
26 27 26 00-0225	EA		1 Gang Duplex Nylon Wall Plate	1.24	0.43
26 27 26 00-0226	EA		2 Gang Duplex Nylon Wall Plate	2.08	0.64
26 27 26 00-0227			Plastic Wall Plates <small>(26 27 26 00-0219)</small>		
26 27 26 00-0228	EA		1 Gang Plastic Switch Plate	1.16	0.43
26 27 26 00-0229	EA		2 Gang Plastic Switch Plate	1.89	0.64
26 27 26 00-0230	EA		3 Gang Plastic Switch Plate	2.64	0.86
26 27 26 00-0231	EA		4 Gang Plastic Switch Plate	4.05	1.07
26 27 26 00-0232	EA		1 Gang Duplex Plastic Wall Plate	1.16	0.43
26 27 26 00-0233	EA		2 Gang Duplex Plastic Wall Plate	1.90	0.64
26 27 26 00-0234			Thermoplastic Wall Plates (Hospital Grade) <small>(26 27 26 00-0219)</small>		
26 27 26 00-0235	EA		1 Gang Thermoplastic Hospital Grade Switch Plate	4.79	0.43
26 27 26 00-0236	EA		2 Gang Thermoplastic Hospital Grade Switch Plate	5.86	0.64
26 27 26 00-0237	EA		3 Gang Thermoplastic Hospital Grade Switch Plate	9.12	0.86

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

26 27 26 00-0238	EA		4 Gang Thermoplastic Hospital Grade Switch Plate	13.23	1.07
26 27 26 00-0239	EA		1 Gang Duplex Thermoplastic Hospital Grade Wall Plate	6.96	0.43
26 27 26 00-0240	EA		2 Gang Duplex Thermoplastic Hospital Grade Wall Plate	10.93	0.64
26 27 26 00-0241 Brass Wall Plates (26 27 26 00-0219)					
26 27 26 00-0242	EA		1 Gang 0.04" Brass Switch Plate	10.92	1.94
26 27 26 00-0243	EA		2 Gang 0.04" Brass Switch Plate	19.77	2.24
26 27 26 00-0244	EA		3 Gang 0.04" Brass Switch Plate	28.54	2.50
26 27 26 00-0245	EA		4 Gang 0.04" Brass Switch Plate	43.80	2.71
26 27 26 00-0246	EA		5 Gang 0.04" Brass Switch Plate	53.14	2.88
26 27 26 00-0247	EA		6 Gang 0.04" Brass Switch Plate	61.34	3.01
26 27 26 00-0248	EA		1 Gang 0.04" Brass Duplex Receptacle Wall Plate	10.92	1.94
26 27 26 00-0249	EA		2 Gang 0.04" Brass Duplex Receptacle Wall Plate	22.98	2.24
26 27 26 00-0250	EA		3 Gang 0.04" Brass Duplex Receptacle Wall Plate	32.77	2.50
26 27 26 00-0251 Stainless Steel Wall Plates (26 27 26 00-0219)					
26 27 26 00-0252	EA		1 Gang, 302 Stainless Steel Switch Plate With Satin Finish	6.28	1.94
26 27 26 00-0253	EA		2 Gang, 302 Stainless Steel Switch Plate With Satin Finish	9.65	2.24
26 27 26 00-0254	EA		3 Gang, 302 Stainless Steel Switch Plate With Satin Finish	13.17	2.50
26 27 26 00-0255	EA		4 Gang, 302 Stainless Steel Switch Plate With Satin Finish	18.84	2.71
26 27 26 00-0256	EA		5 Gang, 302 Stainless Steel Switch Plate With Satin Finish	22.04	2.88
26 27 26 00-0257	EA		6 Gang, 302 Stainless Steel Switch Plate With Satin Finish	26.41	3.01
26 27 26 00-0258	EA		1 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	6.79	1.94
26 27 26 00-0259	EA		2 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	10.85	2.24
26 27 26 00-0260	EA		3 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	17.14	2.50
26 27 26 00-0261	EA		4 Gang, 302 Stainless Steel Duplex Receptacle Wall Plate With Satin Finish	20.56	2.71
26 27 26 00-0262 Chrome Wall Plates (26 27 26 00-0219)					
26 27 26 00-0263	EA		1 Gang 0.040" Chrome Switch Plate With Chromium Finish	20.89	1.94
26 27 26 00-0264	EA		2 Gang 0.040" Chrome Switch Plate With Chromium Finish	38.45	2.24
26 27 26 00-0265	EA		3 Gang 0.040" Chrome Switch Plate With Chromium Finish	55.97	2.50
26 27 26 00-0266	EA		1 Gang 0.040" Chrome Duplex Receptacle Wall Plate With Chromium Finish	20.87	1.94
26 27 26 00-0267 Weatherproof Covers (26 27 26 00-0218)					
26 27 26 00-0268 Stamped Metallic Weatherproof Covers (26 27 26 00-0267)					
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0269	EA		Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	8.22	0.43
26 27 26 00-0270	EA		Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	8.90	0.43
26 27 26 00-0271	EA		Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	8.90	0.43
26 27 26 00-0272	EA		Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	8.90	0.43
26 27 26 00-0273	EA		Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	10.93	0.64
26 27 26 00-0274	EA		Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	12.40	0.64
26 27 26 00-0275	EA		Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	12.55	0.64
26 27 26 00-0276	EA		Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	12.55	0.64
26 27 26 00-0277	EA		Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	17.03	0.64
26 27 26 00-0278	EA		Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	16.17	0.86
26 27 26 00-0279	EA		Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	17.67	0.86
26 27 26 00-0280 Cast Metallic Weatherproof Covers (26 27 26 00-0267)					
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0281	EA		Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	10.05	0.43
26 27 26 00-0282	EA		Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	31.99	0.43
26 27 26 00-0283	EA		Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	35.87	0.43
26 27 26 00-0284	EA		Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	9.98	0.43
26 27 26 00-0285	EA		Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	27.13	0.43
26 27 26 00-0286	EA		Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	45.09	0.43
26 27 26 00-0287	EA		Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	57.40	0.43
26 27 26 00-0288	EA		Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	12.55	0.64
26 27 26 00-0289	EA		Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	90.66	0.64
26 27 26 00-0290	EA		Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	20.99	0.86
26 27 26 00-0291	EA		Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	86.65	0.86
26 27 26 00-0292 Die Cast Aluminum Weatherproof Covers (26 27 26 00-0267)					
Note: Includes electrostatically applied powder coating and neoprene gasket.					
26 27 26 00-0293	EA		Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	3.55	0.43
26 27 26 00-0294	EA		Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	4.54	0.43
26 27 26 00-0295	EA		Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	6.10	0.64
26 27 26 00-0296	EA		Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	6.61	0.64
26 27 26 00-0297	EA		Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	6.61	0.64
26 27 26 00-0298	EA		Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	7.35	0.64
26 27 26 00-0299 Heavy Duty Die Cast Aluminum Weatherproof Covers (26 27 26 00-0267)					
Note: Includes baked on lacquer finish and neoprene gasket.					
26 27 26 00-0300	EA		Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	35.61	0.43

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 26 00-0301	Polycarbonate Weatherproof Covers (26 27 26 00-0267)		
	Note: Includes neoprene gasket.		
26 27 26 00-0302	EA Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.23	0.43
26 27 26 00-0303	EA Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.23	0.43
26 27 26 00-0304	EA Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	7.23	0.43
26 27 26 00-0305	EA Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775).....	8.96	0.64
26 27 26 00-0306	EA Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	8.96	0.64

26 27 26 00-0307	High Impact Thermoplastic Weatherproof Covers (26 27 26 00-0267)		
	Note: Includes neoprene gasket.		
26 27 26 00-0308	EA Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	46.14	0.43

26 27 26 00-0309	Non Metallic (PVC) Weatherproof Covers (26 27 26 00-0267)		
	Note: Includes neoprene gasket.		
26 27 26 00-0310	EA Blank Cover, Single Gang, Non Metallic (PVC) Weatherproof Cover	727.44	0.43
26 27 26 00-0311	EA Blank Cover, Two Gang, Non Metallic (PVC) Weatherproof Cover	749.43	0.64
26 27 26 00-0312	EA Toggle Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	730.04	0.43
26 27 26 00-0313	EA Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,698.45	0.43
26 27 26 00-0314	EA Duplex Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover.....	1,980.79	0.43
26 27 26 00-0315	EA 20 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,591.55	0.43
26 27 26 00-0316	EA 30 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,166.99	0.43
26 27 26 00-0317	EA 50 Amp Receptacle, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,378.45	0.43
26 27 26 00-0318	EA Plunger Switch, Single Gang, Non Metallic (PVC) Weatherproof Cover	1,224.57	0.43
26 27 26 00-0319	EA Double Duplex Receptacle, Two Gang, Non Metallic (PVC) Weatherproof Cover	1,758.91	0.64

26 27 26 00-0320	Removal And Reinstallation Of Wiring Devices (26 27 26)		
	Note: Includes storage and cleaning.		
26 27 26 00-0321	EA Remove And Reinstall Receptacle, Switch, Outlet Or Special System Device	56.56	
26 27 26 00-0322	EA Remove And Reinstall Receptacle Or Switch Outlet Cover Plate	7.17	

26 27 26 00-0323	Relay Systems (26 27 26)		
26 27 26 00-0324	EA Relay 2 Position, 10 Amp, 24 Volt Coil	59.27	19.34
26 27 26 00-0325	EA Industrial Control Relay 20 Amp, 120 Volt Coil Up To 4 Contacts	239.01	64.48
26 27 26 00-0326	EA Industrial Control Relay 20 Amp, 120 Volt Coil 12 Contacts	392.24	85.97

26 27 26 00-0327	Limit Switches (26 27 26)		
26 27 26 00-0328	Heavy Duty Precision Oiltight (26 27 26 00-0327)		
26 27 26 00-0329	Lever Arm, Plunger, Wobble Stick Type (26 27 26 00-0328)		
26 27 26 00-0330	EA Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amp Rated	272.91	54.16

26 27 26 00-0331	In Line Midget Fuseholders (26 27 26)		
	See CSI section 26 28 13 00-0078 for fuses.		
26 27 26 00-0332	EA Single Pole Water Resistant In Line Midget Fuseholder	55.00	
26 27 26 00-0333	EA Double Pole Water Resistant In Line Midget Fuseholder.....	115.31	

26 27 73 Door Chimes (26 27)

26 27 73 00-0001	Door Chimes (26 27 73)		
26 27 73 00-0002	EA Door Bell, Push-button And Transformer - Complete.....	421.77	179.08
26 27 73 00-0003	EA Visual Flashing Doorbell Indicator, Wire To Existing System - Complete	145.65	42.98
26 27 73 00-0004	EA Replacement Bell/Buzzer - Complete	62.59	21.50
	Note: Includes removal of existing.		

26 28 Low-Voltage Circuit Protective Devices (26 20)**26 28 13 Fuses** (26 28)

26 28 13 00-0001	125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses (26 28 13)		
26 28 13 00-0002	EA 1 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	17.93	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0003	EA 2 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	17.60	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0004	EA 3 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	17.14	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0005	EA 5 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	17.08	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0006	EA 6 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	17.50	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0007	EA 8 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	16.68	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 28 13 00-0008	EA 10 Amp, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse.....	16.48	6.19
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 13 00-0051	EA	5 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	33.64	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0052	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	33.84	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0053	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	31.72	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0054	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	31.51	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0055	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	31.23	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0056	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	31.64	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0057	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	44.20	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0058	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	44.30	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0059	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	43.51	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0060	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	43.88	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0061	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	44.21	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0062		600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses ^(26 28)		
		^{13 00-0013}		
26 28 13 00-0063	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	80.48	7.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16	
26 28 13 00-0064	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	82.82	8.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 28 13 00-0065	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	82.40	8.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 28 13 00-0066	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	82.73	8.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 28 13 00-0067	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	147.07	8.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 28 13 00-0068	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	149.20	8.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.67	
26 28 13 00-0069	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	148.62	10.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.96	
26 28 13 00-0070	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	148.27	10.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.96	
26 28 13 00-0071	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	276.49	10.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.96	
26 28 13 00-0072	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	279.66	12.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 28 13 00-0073	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	314.30	12.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 28 13 00-0074	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	285.55	12.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 28 13 00-0075	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	506.23	12.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 28 13 00-0076	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	453.65	15.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 28 13 00-0077	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	396.97	15.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31	
26 28 13 00-0078		600 Volt AC, Class CC Midget Fuses ^(26 28 13)		
		Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amp, 600 Volt AC, Class CC Midget Fuse.....	29.14	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0080	EA	2 Amp, 600 Volt AC, Class CC Midget Fuse.....	29.53	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0081	EA	3 Amp, 600 Volt AC, Class CC Midget Fuse.....	29.42	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0082	EA	5 Amp, 600 Volt AC, Class CC Midget Fuse.....	29.30	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0083	EA	6 Amp, 600 Volt AC, Class CC Midget Fuse.....	31.11	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0084	EA	8 Amp, 600 Volt AC, Class CC Midget Fuse.....	28.20	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0085	EA	10 Amp, 600 Volt AC, Class CC Midget Fuse.....	31.62	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0086	EA	15 Amp, 600 Volt AC, Class CC Midget Fuse.....	29.31	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0087	EA	20 Amp, 600 Volt AC, Class CC Midget Fuse.....	28.83	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0088	EA	25 Amp, 600 Volt AC, Class CC Midget Fuse.....	27.74	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0089	EA	30 Amp, 600 Volt AC, Class CC Midget Fuse.....	28.67	6.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 28 13 00-0090		200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse ⁽²⁶⁾		
		^{28 13)}		
26 28 13 00-0091	EA	1 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	34.99	4.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0092	EA	3 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	35.24	4.30	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.58		
26 28 13 00-0093	EA	6 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	31.20	5.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.09		
26 28 13 00-0094	EA	10 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	31.77	6.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87		
26 28 13 00-0095	EA	15 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	32.37	6.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87		
26 28 13 00-0096	EA	20 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	31.83	6.44	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87		
26 28 13 00-0097	EA	25 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	40.76	8.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16		
26 28 13 00-0098	EA	30 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	34.71	8.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16		
26 28 13 00-0099	EA	35 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	57.30	8.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16		
26 28 13 00-0100	EA	40 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	49.52	8.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16		
26 28 13 00-0101	EA	45 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	56.11	8.60	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.16		
26 28 13 00-0102	EA	50 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	51.46	10.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45		
26 28 13 00-0103	EA	60 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	50.62	10.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45		
26 28 13 00-0104	EA	70 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	76.60	12.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74		
26 28 13 00-0105	EA	80 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	81.22	12.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74		
26 28 13 00-0106	EA	90 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	80.04	12.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74		
26 28 13 00-0107	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	72.08	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.03		
26 28 13 00-0108	EA	110 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	158.25	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.03		
26 28 13 00-0109	EA	125 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	135.66	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.03		
26 28 13 00-0110	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	130.85	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0111	EA	175 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	132.64	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0112	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	111.64	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0113	EA	225 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	268.73	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0114	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	249.12	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0115	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	230.26	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0116	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	250.33	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32		
26 28 13 00-0117	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	209.35	19.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.61		
26 28 13 00-0118	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	433.37	19.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.61		
26 28 13 00-0119	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	370.47	21.50	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.90		
26 28 13 00-0120	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	278.44	21.50	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.90		
26 28 13 00-0121		600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses <small>(26 28 13)</small>			
26 28 13 00-0122	EA	100 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	815.48	10.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45		
26 28 13 00-0123	EA	150 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	817.08	10.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45		
26 28 13 00-0124	EA	200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	818.57	10.74	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.45		
26 28 13 00-0125	EA	250 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	817.15	12.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74		
26 28 13 00-0126	EA	300 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	753.14	12.90	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.74		
26 28 13 00-0127	EA	350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	806.54	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.02		
26 28 13 00-0128	EA	400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	743.00	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.02		
26 28 13 00-0129	EA	450 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	830.02	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.02		
26 28 13 00-0130	EA	500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	813.98	15.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.02		
26 28 13 00-0131	EA	600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	726.12	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31		
26 28 13 00-0132	EA	601 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	745.40	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31		
26 28 13 00-0133	EA	650 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	987.80	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31		
26 28 13 00-0134	EA	700 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	722.62	17.20	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.31		
26 28 13 00-0135	EA	750 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,105.62	19.34	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 13 00-0136	EA	800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	641.50	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0137	EA	900 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	931.70	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0138	EA	1,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	630.90	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0139	EA	1,200 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	649.34	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0140	EA	1,350 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,429.98	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0141	EA	1,400 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,410.05	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0142	EA	1,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,273.27	19.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.60	
26 28 13 00-0143	EA	1,600 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	800.91	21.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 28 13 00-0144	EA	1,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,683.55	21.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 28 13 00-0145	EA	2,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,082.25	21.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 28 13 00-0146	EA	2,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,458.67	21.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 28 13 00-0147	EA	2,501 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	2,476.19	21.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.89	
26 28 13 00-0148	EA	3,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,625.93	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	
26 28 13 00-0149	EA	3,500 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,347.78	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	
26 28 13 00-0150	EA	3,800 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,882.39	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	
26 28 13 00-0151	EA	4,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	2,250.73	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	
26 28 13 00-0152	EA	5,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,544.08	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	
26 28 13 00-0153	EA	6,000 Amp, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	5,857.87	23.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18	

26 28 16 Enclosed Switches And Circuit Breakers (26 28)

26 28 16 00-0001		Motor And Circuit Disconnects (26 28 16) Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.		
26 28 16 00-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 00-0001)		
26 28 16 00-0003		Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 00-0002) Note: Includes fuses and neutral bar.		
26 28 16 00-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 00-0003)		
26 28 16 00-0005	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	296.61	85.97
26 28 16 00-0006	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	456.54	103.59
26 28 16 00-0007	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	620.98	121.22
26 28 16 00-0008	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,064.28	190.85
26 28 16 00-0009	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,229.70	296.59
26 28 16 00-0010	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,706.06	438.45
26 28 16 00-0011	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,030.69	515.81
26 28 16 00-0012	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,726.59	601.79
26 28 16 00-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 00-0003)		
26 28 16 00-0014	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	440.63	95.52
26 28 16 00-0015	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	531.57	115.11
26 28 16 00-0016	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	830.56	134.54
26 28 16 00-0017	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,232.15	212.35
26 28 16 00-0018	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,647.69	329.43
26 28 16 00-0019	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,119.21	486.93
26 28 16 00-0020	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,046.40	572.82
26 28 16 00-0021	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,225.85	668.67

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

26 28 16 00-0022				240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0003)</small>		
26 28 16 00-0023	EA			30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	425.90	134.97
26 28 16 00-0024	EA			60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	621.44	179.25
26 28 16 00-0025	EA			100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	823.85	199.02
26 28 16 00-0026	EA			200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,302.19	311.64
26 28 16 00-0027	EA			400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,663.45	511.51
26 28 16 00-0028	EA			600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,296.58	716.56
26 28 16 00-0029				600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0003)</small>		
26 28 16 00-0030	EA			30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	548.09	149.16
26 28 16 00-0031	EA			60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	699.47	199.02
26 28 16 00-0032	EA			100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,009.33	223.95
26 28 16 00-0033	EA			200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,489.69	341.30
26 28 16 00-0034	EA			400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,253.72	551.06
26 28 16 00-0035	EA			600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,208.01	796.08
26 28 16 00-0036	EA			800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,188.71	945.66
26 28 16 00-0037	EA			1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,426.17	1,074.62
26 28 16 00-0038				240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0003)</small>		
26 28 16 00-0039	EA			30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	413.93	134.97
26 28 16 00-0040	EA			60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	605.97	179.25
26 28 16 00-0041	EA			100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	795.69	199.02
26 28 16 00-0042	EA			200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,340.91	311.64
26 28 16 00-0043	EA			400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,881.65	511.51
26 28 16 00-0044	EA			600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,624.84	716.56
26 28 16 00-0045	EA			800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,567.59	902.68
26 28 16 00-0046	EA			1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,306.81	1,031.64
26 28 16 00-0047				600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0003)</small>		
26 28 16 00-0048	EA			30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	592.02	149.16
26 28 16 00-0049	EA			60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	753.46	199.02
26 28 16 00-0050	EA			100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,088.27	223.95
26 28 16 00-0051	EA			200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,607.86	341.30
26 28 16 00-0052	EA			400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,505.86	551.06
26 28 16 00-0053	EA			600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,653.31	796.08
26 28 16 00-0054	EA			800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,928.02	945.66
26 28 16 00-0055	EA			1,200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,224.78	1,074.62
26 28 16 00-0056				Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0002)</small>		
26 28 16 00-0057				240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small>		
26 28 16 00-0058	EA			30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	289.04	124.40
26 28 16 00-0059	EA			60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	444.66	173.05

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 00-0060	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	604.34		199.02
26 28 16 00-0061	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	948.07		318.43
26 28 16 00-0062	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,888.73		530.68
26 28 16 00-0063	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,057.16		723.69
26 28 16 00-0064	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,331.04		859.69
26 28 16 00-0065	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,690.77		1,003.34
26 28 16 00-0066		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0066)</small>			
26 28 16 00-0067	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	319.23		137.30
26 28 16 00-0068	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	503.13		194.21
26 28 16 00-0069	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	682.25		221.12
26 28 16 00-0070	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,059.41		346.12
26 28 16 00-0071	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,031.96		568.60
26 28 16 00-0072	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,380.98		795.99
26 28 16 00-0073	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,782.97		859.69
26 28 16 00-0074	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,309.68		1,003.34
26 28 16 00-0075		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0075)</small>			
26 28 16 00-0076	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	340.98		111.76
26 28 16 00-0077	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	516.91		155.61
26 28 16 00-0078	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	687.42		179.25
26 28 16 00-0079	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,081.68		286.71
26 28 16 00-0080	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,134.91		477.56
26 28 16 00-0081	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,403.69		651.21
26 28 16 00-0082	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,746.22		773.73
26 28 16 00-0083	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,454.34		902.68
26 28 16 00-0084		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0084)</small>			
26 28 16 00-0085	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	372.46		123.37
26 28 16 00-0086	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	569.56		174.95
26 28 16 00-0087	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	750.75		199.02
26 28 16 00-0088	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,167.84		311.64
26 28 16 00-0089	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,287.41		511.51
26 28 16 00-0090	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,684.02		716.56
26 28 16 00-0091	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,045.02		773.73
26 28 16 00-0092		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0092)</small>			
26 28 16 00-0093	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	394.75		123.54
26 28 16 00-0094	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	607.58		174.78
26 28 16 00-0095	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	812.57		199.02
26 28 16 00-0096	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,263.07		311.47
26 28 16 00-0097	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,420.63		511.69
26 28 16 00-0098	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,078.28		716.39

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 00-0099	EA		800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,495.30	773.73
	26 28 16 00-0100	EA		1,200 Amp, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,462.73	902.68
26 28 16 00-0101				240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small>		
	26 28 16 00-0102	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	555.11	111.93
	26 28 16 00-0103	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	677.50	155.78
	26 28 16 00-0104	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,018.65	179.08
	26 28 16 00-0105	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,534.69	286.54
26 28 16 00-0106				480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small>		
	26 28 16 00-0107	EA		30 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	601.94	123.37
	26 28 16 00-0108	EA		60 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	741.65	174.95
	26 28 16 00-0109	EA		100 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,105.64	199.02
	26 28 16 00-0110	EA		200 Amp, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,653.22	311.64
26 28 16 00-0111				600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0056)</small>		
	26 28 16 00-0112	EA		30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	663.99	123.54
	26 28 16 00-0113	EA		60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	810.09	174.78
	26 28 16 00-0114	EA		100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,228.72	199.02
	26 28 16 00-0115	EA		200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,832.51	311.47
26 28 16 00-0116				General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0002)</small>		
				Note: Includes fuses and neutral bar.		
26 28 16 00-0117				240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0116)</small>		
	26 28 16 00-0118	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	210.90	74.79
	26 28 16 00-0119	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	283.48	90.01
	26 28 16 00-0120	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	424.89	105.23
	26 28 16 00-0121	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	776.82	166.01
	26 28 16 00-0122	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,801.50	257.48
	26 28 16 00-0123	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,335.32	381.10
26 28 16 00-0124				240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0116)</small>		
	26 28 16 00-0125	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	296.22	117.52
	26 28 16 00-0126	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	414.72	155.78
	26 28 16 00-0127	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	560.54	173.05
	26 28 16 00-0128	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	987.31	270.89
	26 28 16 00-0129	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,178.12	444.98
	26 28 16 00-0130	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,822.28	622.93
26 28 16 00-0131				240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0116)</small>		
	26 28 16 00-0132	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	325.17	117.52
	26 28 16 00-0133	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	461.40	155.78
	26 28 16 00-0134	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	603.01	173.05

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 28 16 00-0135	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,094.32		270.89
26 28 16 00-0136	EA	400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,361.03		444.98
26 28 16 00-0137	EA	600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,938.22		622.93
26 28 16 00-0138		General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0002)</small>			
26 28 16 00-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0138)</small>			
26 28 16 00-0140	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	288.79		104.02
26 28 16 00-0141	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	378.06		119.59
26 28 16 00-0142	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	827.32		191.11
26 28 16 00-0143	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,743.53		318.09
26 28 16 00-0144	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,978.90		433.46
26 28 16 00-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0138)</small>			
26 28 16 00-0146	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	272.52		97.32
26 28 16 00-0147	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	374.09		135.40
26 28 16 00-0148	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	552.12		155.78
26 28 16 00-0149	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	943.97		249.23
26 28 16 00-0150	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,938.67		415.41
26 28 16 00-0151	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,245.69		566.19
26 28 16 00-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0001)</small>			
26 28 16 00-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0152)</small> Note: With fuses, neutral bar, and hub if required.			
26 28 16 00-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0153)</small>			
26 28 16 00-0155	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	427.13		101.02
26 28 16 00-0156	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	666.19		121.22
26 28 16 00-0157	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	829.09		140.99
26 28 16 00-0158	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,216.47		214.92
26 28 16 00-0159	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,643.88		343.88
26 28 16 00-0160	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,585.24		458.65
26 28 16 00-0161	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,816.87		515.81
26 28 16 00-0162	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,005.46		601.79
26 28 16 00-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0153)</small>			
26 28 16 00-0164	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	721.91		134.63
26 28 16 00-0165	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	861.23		165.07
26 28 16 00-0166	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,207.33		189.56
26 28 16 00-0167	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,706.85		284.30
26 28 16 00-0168	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,662.74		465.18
26 28 16 00-0169	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,663.06		639.70
26 28 16 00-0170	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,727.75		736.59
26 28 16 00-0171	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,722.07		829.18

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

26 28 16 00-0172			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0153)		
26 28 16 00-0173	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	555.08	159.04
26 28 16 00-0174	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	866.95	210.62
26 28 16 00-0175	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,037.20	231.26
26 28 16 00-0176	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,543.17	358.06
26 28 16 00-0177	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,277.46	597.06
26 28 16 00-0178	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,399.92	796.08
26 28 16 00-0179			600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0153)		
26 28 16 00-0180	EA		30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	831.05	188.53
26 28 16 00-0181	EA		60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	993.62	231.09
26 28 16 00-0182	EA		100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,315.47	265.30
26 28 16 00-0183	EA		200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,915.17	398.04
26 28 16 00-0184	EA		400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,970.22	651.31
26 28 16 00-0185	EA		600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,077.03	895.54
26 28 16 00-0186	EA		800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,938.69	1,031.64
26 28 16 00-0187	EA		1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,872.16	1,160.58
26 28 16 00-0188			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0153)		
26 28 16 00-0189	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	604.18	159.04
26 28 16 00-0190	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	868.37	210.62
26 28 16 00-0191	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,106.23	231.26
26 28 16 00-0192	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,589.21	358.06
26 28 16 00-0193	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,319.69	597.06
26 28 16 00-0194	EA		600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,864.47	796.08
26 28 16 00-0195	EA		800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,645.09	902.68
26 28 16 00-0196	EA		1,200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,991.43	1,031.64
26 28 16 00-0197			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0153)		
26 28 16 00-0198	EA		30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	859.21	188.71
26 28 16 00-0199	EA		60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,025.29	231.26
26 28 16 00-0200	EA		100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,385.86	265.21
26 28 16 00-0201	EA		200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,960.92	398.04
26 28 16 00-0202	EA		400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,135.62	651.21
26 28 16 00-0203	EA		600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,267.07	895.37
26 28 16 00-0204	EA		800 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,537.11	1,031.64
26 28 16 00-0205	EA		1,200 Amp, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,660.96	1,160.58
26 28 16 00-0206			Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0152)		
26 28 16 00-0207			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 00-0206)		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 16 00-0208	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	403.01	88.46
26 28 16 00-0209	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	650.77	122.50
26 28 16 00-0210	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	848.84	140.47
26 28 16 00-0211	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,142.81	227.47
26 28 16 00-0212	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,502.35	379.47
26 28 16 00-0213	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,501.70	505.93
26 28 16 00-0214	EA	800 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,172.41	602.04
26 28 16 00-0215	EA	1,200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	9,433.18	688.01
26 28 16 00-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0206)</small>		
26 28 16 00-0217	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	453.05	97.49
26 28 16 00-0218	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	736.72	136.43
26 28 16 00-0219	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	956.97	154.05
26 28 16 00-0220	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,263.85	238.83
26 28 16 00-0221	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,829.14	398.04
26 28 16 00-0222	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	4,855.18	530.68
26 28 16 00-0223	EA	800 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,645.39	630.67
26 28 16 00-0224	EA	1,200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,051.00	716.39
26 28 16 00-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0206)</small>		
26 28 16 00-0226	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	491.46	132.65
26 28 16 00-0227	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	773.23	183.72
26 28 16 00-0228	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	989.31	210.71
26 28 16 00-0229	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,370.24	341.22
26 28 16 00-0230	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,917.16	569.12
26 28 16 00-0231	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,076.88	758.68
26 28 16 00-0232	EA	800 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,851.76	902.68
26 28 16 00-0233	EA	1,200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,341.30	1,031.64
26 28 16 00-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0206)</small>		
26 28 16 00-0235	EA	30 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	534.69	146.15
26 28 16 00-0236	EA	60 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	844.20	204.69
26 28 16 00-0237	EA	100 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,070.65	231.09
26 28 16 00-0238	EA	200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,453.51	358.23
26 28 16 00-0239	EA	400 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,099.87	596.97
26 28 16 00-0240	EA	600 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,405.30	795.99
26 28 16 00-0241	EA	800 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	8,369.45	945.66
26 28 16 00-0242	EA	1,200 Amp, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,017.16	1,074.62
26 28 16 00-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0206)</small>		
26 28 16 00-0244	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	310.73	146.15
26 28 16 00-0245	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	873.17	204.69
26 28 16 00-0246	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,111.04	231.09

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 00-0247	EA		200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,502.66	358.23
	26 28 16 00-0248	EA		400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,227.14	596.97
	26 28 16 00-0249	EA		600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,385.85	795.99
	26 28 16 00-0250	EA		800 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,358.55	945.66
	26 28 16 00-0251	EA		1,200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,002.33	1,074.62
	26 28 16 00-0252			General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0152)</small>		
				Note: With fuses, neutral bar, and hub if required.		
	26 28 16 00-0253			240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0252)</small>		
	26 28 16 00-0254	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	269.91	87.86
	26 28 16 00-0255	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	374.66	105.40
	26 28 16 00-0256	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	487.51	122.59
	26 28 16 00-0257	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	978.34	186.89
	26 28 16 00-0258	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,340.87	299.01
	26 28 16 00-0259	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,105.61	398.90
	26 28 16 00-0260			240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0252)</small>		
	26 28 16 00-0261	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	371.48	138.50
	26 28 16 00-0262	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	530.52	183.21
	26 28 16 00-0263	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	643.95	200.99
	26 28 16 00-0264	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,228.13	311.47
	26 28 16 00-0265	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,782.30	519.08
	26 28 16 00-0266	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,698.36	692.39
	26 28 16 00-0267			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0252)</small>		
	26 28 16 00-0268	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	412.04	138.41
	26 28 16 00-0269	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	571.28	183.21
	26 28 16 00-0270	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	775.00	200.99
	26 28 16 00-0271	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,312.74	311.47
	26 28 16 00-0272	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,836.66	519.17
	26 28 16 00-0273	EA		600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,122.33	692.39
	26 28 16 00-0274	EA		800 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,252.19	784.38
	26 28 16 00-0275			General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0152)</small>		
	26 28 16 00-0276			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0275)</small>		
	26 28 16 00-0277	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	242.77	76.95
	26 28 16 00-0278	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	390.90	106.52
	26 28 16 00-0279	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	414.27	122.16
	26 28 16 00-0280	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,000.42	197.73
	26 28 16 00-0281	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,403.11	329.95
	26 28 16 00-0282	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,189.53	439.91

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 28 16 00-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 00-0275)</small>			
26 28 16 00-0284	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	378.32		115.37
26 28 16 00-0285	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	542.51		159.73
26 28 16 00-0286	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	777.56		183.21
26 28 16 00-0287	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,330.71		296.68
26 28 16 00-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0001)</small>			
26 28 16 00-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0288)</small>			
		Note: With fuses and neutral bar (stainless steel).			
26 28 16 00-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>			
26 28 16 00-0291	EA	30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,074.07		85.97
26 28 16 00-0292	EA	60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,290.33		103.59
26 28 16 00-0293	EA	100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,602.70		121.04
26 28 16 00-0294	EA	200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,607.61		191.02
26 28 16 00-0295	EA	400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,303.92		296.42
26 28 16 00-0296	EA	600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,502.83		438.28
26 28 16 00-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>			
26 28 16 00-0298	EA	30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,358.54		95.52
26 28 16 00-0299	EA	60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,513.67		115.03
26 28 16 00-0300	EA	100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,815.22		134.46
26 28 16 00-0301	EA	200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,986.07		212.35
26 28 16 00-0302	EA	400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,592.35		329.61
26 28 16 00-0303	EA	600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,891.05		486.93
26 28 16 00-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>			
26 28 16 00-0305	EA	30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,219.66		135.14
26 28 16 00-0306	EA	60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,531.89		179.08
26 28 16 00-0307	EA	100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,875.38		199.02
26 28 16 00-0308	EA	200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,096.85		311.47
26 28 16 00-0309	EA	400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,956.53		511.69
26 28 16 00-0310	EA	600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,350.04		716.39
26 28 16 00-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>			
26 28 16 00-0312	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,469.64		149.24
26 28 16 00-0313	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,685.57		199.02
26 28 16 00-0314	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,001.93		223.86
26 28 16 00-0315	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,254.71		341.13
26 28 16 00-0316	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,224.50		551.06
26 28 16 00-0317	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,707.02		795.99
26 28 16 00-0318		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>			

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 28 16 00-0319	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,449.21	1,449.21	135.14
	26 28 16 00-0320	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,818.86	1,818.86	179.08
	26 28 16 00-0321	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 3,449.59	3,449.59	199.02
	26 28 16 00-0322	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 4,882.06	4,882.06	311.47
	26 28 16 00-0323	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 9,501.92	9,501.92	511.69
	26 28 16 00-0324	EA		600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 13,473.78	13,473.78	716.39
26 28 16 00-0325				600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0289)</small>		
	26 28 16 00-0326	EA		30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,740.89	1,740.89	149.24
	26 28 16 00-0327	EA		60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,993.15	1,993.15	199.02
	26 28 16 00-0328	EA		100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 3,588.05	3,588.05	223.86
	26 28 16 00-0329	EA		200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 5,046.48	5,046.48	341.13
	26 28 16 00-0330	EA		400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 9,790.74	9,790.74	551.06
	26 28 16 00-0331	EA		600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 13,859.71	13,859.71	795.99
26 28 16 00-0332				Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0288)</small>		
26 28 16 00-0333				240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small>		
	26 28 16 00-0334	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,031.71	1,031.71	85.97
	26 28 16 00-0335	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,260.80	1,260.80	119.59
	26 28 16 00-0336	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 2,343.98	2,343.98	137.55
	26 28 16 00-0337	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 3,261.86	3,261.86	219.73
	26 28 16 00-0338	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 5,926.94	5,926.94	365.89
	26 28 16 00-0339	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 8,480.23	8,480.23	498.46
26 28 16 00-0340				600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small>		
	26 28 16 00-0341	EA		30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,172.32	1,172.32	94.82
	26 28 16 00-0342	EA		60 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,435.65	1,435.65	134.11
	26 28 16 00-0343	EA		100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 2,670.09	2,670.09	152.85
	26 28 16 00-0344	EA		200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 3,703.24	3,703.24	238.83
	26 28 16 00-0345	EA		400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 6,723.45	6,723.45	393.05
	26 28 16 00-0346	EA		600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 9,652.89	9,652.89	550.21
26 28 16 00-0347				240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small>		
	26 28 16 00-0348	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,083.65	1,083.65	111.93
	26 28 16 00-0349	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,316.80	1,316.80	155.78
	26 28 16 00-0350	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 1,379.77	1,379.77	179.08
	26 28 16 00-0351	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 2,641.99	2,641.99	286.54
	26 28 16 00-0352	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 3,777.55	3,777.55	477.65
	26 28 16 00-0353	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch 9,032.36	9,032.36	651.31
26 28 16 00-0354				600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0332)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 28 16 00-0355	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,229.63		123.54
26 28 16 00-0356	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,516.97		174.78
26 28 16 00-0357	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,762.42		199.02
26 28 16 00-0358	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,848.49		311.47
26 28 16 00-0359	EA	400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,647.05		511.69
26 28 16 00-0360	EA	600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,266.86		716.39
26 28 16 00-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0362)</small>			
26 28 16 00-0362	EA	30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,476.09		111.93
26 28 16 00-0363	EA	60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,777.10		155.78
26 28 16 00-0364	EA	100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,941.82		179.08
26 28 16 00-0365	EA	200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,017.68		286.54
26 28 16 00-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0367)</small>			
26 28 16 00-0367	EA	30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,678.13		123.54
26 28 16 00-0368	EA	60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,024.47		174.78
26 28 16 00-0369	EA	100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,493.58		199.02
26 28 16 00-0370	EA	200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,845.31		311.47
26 28 16 00-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0288)</small>			
26 28 16 00-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0371)</small>			
26 28 16 00-0373	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,953.43		149.16
26 28 16 00-0374	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,236.31		199.02
26 28 16 00-0375	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,975.03		223.95
26 28 16 00-0376	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,190.61		341.30
26 28 16 00-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0371)</small>			
26 28 16 00-0378	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	1,823.83		123.37
26 28 16 00-0379	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,101.89		174.95
26 28 16 00-0380	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,753.52		199.02
26 28 16 00-0381	EA	200 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,115.80		311.64
26 28 16 00-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0288)</small>			
26 28 16 00-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0382)</small>			
26 28 16 00-0384	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,226.55		149.16
26 28 16 00-0385	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,541.92		199.02
26 28 16 00-0386	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,552.98		223.95
26 28 16 00-0387		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0382)</small>			
26 28 16 00-0388	EA	30 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,082.24		123.37
26 28 16 00-0389	EA	60 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,391.25		174.95
26 28 16 00-0390	EA	100 Amp, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,308.26		199.02

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

26 28 16 00-0391	NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 00-0001)</small> Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
26 28 16 00-0392	Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 00-0391)</small> Note: With fuses and neutral bar.		
26 28 16 00-0393	EA 30 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,778.94	171.94
26 28 16 00-0394	EA 60 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,844.43	204.69
26 28 16 00-0395	EA 100 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,232.94	231.09
26 28 16 00-0396	EA 200 Amp, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	4,694.30	358.23
26 28 16 00-0397	Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0391)</small>		
26 28 16 00-0398	EA 60 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,405.43	204.69
26 28 16 00-0399	EA 100 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	1,641.95	231.09
26 28 16 00-0400	EA 200 Amp, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,996.37	358.23
26 28 16 00-0401	NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0001)</small>		
26 28 16 00-0402	Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0401)</small> Note: With fuses and neutral bar.		
26 28 16 00-0403	240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0404	EA 30 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	410.20	85.97
26 28 16 00-0405	EA 60 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	532.78	103.59
26 28 16 00-0406	EA 100 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	720.25	121.22
26 28 16 00-0407	EA 200 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,210.43	190.85
26 28 16 00-0408	EA 400 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,546.11	296.59
26 28 16 00-0409	EA 600 Amp, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,564.76	438.45
26 28 16 00-0410	600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0411	EA 30 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	630.96	95.43
26 28 16 00-0412	EA 60 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	656.07	115.20
26 28 16 00-0413	EA 100 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	934.65	134.54
26 28 16 00-0414	EA 200 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,462.94	212.35
26 28 16 00-0415	EA 400 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,147.43	329.26
26 28 16 00-0416	EA 600 Amp, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,171.08	487.02
26 28 16 00-0417	240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0418	EA 30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	575.30	134.97
26 28 16 00-0419	EA 60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	794.22	179.25
26 28 16 00-0420	EA 100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,069.10	199.02
26 28 16 00-0421	EA 200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,594.25	311.64
26 28 16 00-0422	EA 400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,096.32	511.51
26 28 16 00-0423	EA 600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,935.98	716.56
26 28 16 00-0424	600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0425	EA 30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	756.02	149.16
26 28 16 00-0426	EA 60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	866.08	199.02
26 28 16 00-0427	EA 100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,253.68	223.95
26 28 16 00-0428	EA 200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,829.59	341.30

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 00-0429	EA		400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,780.37	551.06
26 28 16 00-0430	EA		600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	7,032.89	796.08
26 28 16 00-0431			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0432	EA		30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	611.72	134.97
26 28 16 00-0433	EA		60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	819.24	179.25
26 28 16 00-0434	EA		100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,147.63	199.02
26 28 16 00-0435	EA		200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,692.84	311.64
26 28 16 00-0436	EA		400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,360.28	511.51
26 28 16 00-0437	EA		600 Amp, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,114.30	716.56
26 28 16 00-0438			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0402)</small>		
26 28 16 00-0439	EA		30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	798.24	149.16
26 28 16 00-0440	EA		60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	978.70	199.02
26 28 16 00-0441	EA		100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,331.11	223.95
26 28 16 00-0442	EA		200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,977.40	341.30
26 28 16 00-0443	EA		400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,019.68	551.06
26 28 16 00-0444	EA		600 Amp, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	7,229.96	796.08
26 28 16 00-0445			Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0401)</small>		
26 28 16 00-0446			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0447	EA		30 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	427.92	124.23
26 28 16 00-0448	EA		60 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	569.29	173.22
26 28 16 00-0449	EA		100 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	748.05	199.02
26 28 16 00-0450	EA		200 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,074.50	318.52
26 28 16 00-0451	EA		400 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,325.19	530.87
26 28 16 00-0452	EA		600 Amp, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,655.86	723.86
26 28 16 00-0453			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0454	EA		30 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	476.67	137.13
26 28 16 00-0455	EA		60 Amp, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase.....	633.09	194.29
26 28 16 00-0456	EA		100 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	833.58	220.94
26 28 16 00-0457	EA		200 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,167.49	346.03
26 28 16 00-0458	EA		400 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,463.85	568.69
26 28 16 00-0459	EA		600 Amp, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,039.10	796.08
26 28 16 00-0460			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0461	EA		30 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	551.49	111.76
26 28 16 00-0462	EA		60 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	728.15	155.61
26 28 16 00-0463	EA		100 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	960.94	179.25
26 28 16 00-0464	EA		200 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,381.03	286.71
26 28 16 00-0465	EA		400 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,870.79	477.56
26 28 16 00-0466	EA		600 Amp, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,499.18	651.21

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

26 28 16 00-0467				600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0468	EA			30 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	544.08	123.37
26 28 16 00-0469	EA			60 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	789.39	174.95
26 28 16 00-0470	EA			100 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,031.49	199.02
26 28 16 00-0471	EA			200 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,372.58	311.64
26 28 16 00-0472	EA			400 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,892.21	511.51
26 28 16 00-0473	EA			600 Amp, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,339.27	716.56
26 28 16 00-0474				240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0475	EA			30 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	655.67	111.76
26 28 16 00-0476	EA			60 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	787.40	155.61
26 28 16 00-0477	EA			100 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,203.67	179.25
26 28 16 00-0478	EA			200 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,909.49	286.71
26 28 16 00-0479	EA			400 Amp, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,407.45	365.37
26 28 16 00-0480				600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 00-0445)</small>		
26 28 16 00-0481	EA			30 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	683.44	123.37
26 28 16 00-0482	EA			60 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	859.78	174.95
26 28 16 00-0483	EA			100 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,288.40	199.02
26 28 16 00-0484	EA			200 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,967.33	311.64
26 28 16 00-0485	EA			400 Amp, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,653.19	481.43
26 28 16 00-0486				Double Throw Safety Switches <small>(26 28 16 00-0001)</small>		
26 28 16 00-0487				NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0486)</small>		
26 28 16 00-0488				240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0487)</small>		
26 28 16 00-0489	EA			30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	515.78	110.47
26 28 16 00-0490	EA			60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	755.70	144.43
26 28 16 00-0491	EA			100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,055.43	188.71
26 28 16 00-0492	EA			200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,405.36	245.44
26 28 16 00-0493	EA			400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,297.61	306.91
26 28 16 00-0494	EA			600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,977.53	492.17
26 28 16 00-0495	EA			800 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure.....	6,897.62	687.75
26 28 16 00-0496	EA			1,000 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure.....	10,086.48	773.73
26 28 16 00-0497	EA			1,200 Amp, Double Throw Safety Switch, 240 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure.....	11,867.75	859.69
26 28 16 00-0498				240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0487)</small>		
26 28 16 00-0499	EA			30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	655.86	154.74
26 28 16 00-0500	EA			60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	910.91	202.03
26 28 16 00-0501	EA			100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,358.00	264.36
26 28 16 00-0502	EA			200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,979.59	343.88
26 28 16 00-0503	EA			400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,546.29	429.85
26 28 16 00-0504	EA			600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,373.13	687.75
26 28 16 00-0505	EA			800 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	7,449.85	773.73
26 28 16 00-0506	EA			1,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	10,574.36	859.69
26 28 16 00-0507	EA			1,200 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	12,512.85	945.66
26 28 16 00-0508	EA			1,600 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	14,500.92	1,117.60
26 28 16 00-0509	EA			2,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	16,510.27	1,289.54
26 28 16 00-0510	EA			2,600 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	22,385.95	1,461.48
26 28 16 00-0511	EA			3,000 Amp, Double Throw Safety Switch, 240 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure.....	24,597.30	1,633.41
26 28 16 00-0512				240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0487)</small>		
26 28 16 00-0513	EA			30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	867.45	193.43
26 28 16 00-0514	EA			60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,252.56	252.75
26 28 16 00-0515	EA			100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,184.12	330.12

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 28 Low-Voltage Circuit Protective Devices

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 16 00-0516	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,984.35	428.99
26 28 16 00-0517	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,907.24	537.31
26 28 16 00-0518	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,533.19	860.99
26 28 16 00-0519	EA	800 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	9,487.01	945.66
26 28 16 00-0520	EA	1,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	12,532.05	988.65
26 28 16 00-0521	EA	1,200 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	14,031.55	1,031.64
26 28 16 00-0522	EA	1,600 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	17,108.20	1,203.57
26 28 16 00-0523	EA	2,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	19,682.60	1,375.51
26 28 16 00-0524	EA	2,600 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	27,825.51	1,547.45
26 28 16 00-0525	EA	3,000 Amp, Double Throw Safety Switch, 240 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	30,768.61	1,719.39

**26 28 16 00-0526 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0487)**

26 28 16 00-0527	EA	60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	865.49	144.43
26 28 16 00-0528	EA	100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,292.08	188.71
26 28 16 00-0529	EA	200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,893.94	245.44
26 28 16 00-0530	EA	400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,377.67	306.91
26 28 16 00-0531	EA	600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,483.57	492.17
26 28 16 00-0532	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	7,449.83	687.75
26 28 16 00-0533	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	10,940.39	773.73
26 28 16 00-0534	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 2 Pole, Non-Fusible, NEMA 1 Enclosure	12,882.58	859.69

**26 28 16 00-0535 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0487)**

26 28 16 00-0536	EA	60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	980.57	202.03
26 28 16 00-0537	EA	100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,442.96	264.36
26 28 16 00-0538	EA	200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,089.98	343.88
26 28 16 00-0539	EA	400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,623.34	429.85
26 28 16 00-0540	EA	600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,875.85	687.75
26 28 16 00-0541	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	8,040.09	773.73
26 28 16 00-0542	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	11,459.85	859.69
26 28 16 00-0543	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	13,575.00	945.66
26 28 16 00-0544	EA	1,600 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	15,727.49	1,117.60
26 28 16 00-0545	EA	2,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	17,903.39	1,289.54
26 28 16 00-0546	EA	2,600 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	24,332.25	1,461.48
26 28 16 00-0547	EA	3,000 Amp, Double Throw Safety Switch, 600 Volt, 3 Pole, Non-Fusible, NEMA 1 Enclosure	26,730.34	1,633.41

**26 28 16 00-0548 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0487)**

26 28 16 00-0549	EA	60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,321.32	252.75
26 28 16 00-0550	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,283.38	330.12
26 28 16 00-0551	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,189.83	428.99
26 28 16 00-0552	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,344.82	537.31
26 28 16 00-0553	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,022.83	860.99
26 28 16 00-0554	EA	800 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	10,246.58	945.66
26 28 16 00-0555	EA	1,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	13,587.52	988.65
26 28 16 00-0556	EA	1,200 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	15,228.38	1,031.64
26 28 16 00-0557	EA	1,600 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	18,578.31	1,203.57
26 28 16 00-0558	EA	2,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	21,375.76	1,375.51
26 28 16 00-0559	EA	2,600 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	30,298.58	1,547.45
26 28 16 00-0560	EA	3,000 Amp, Double Throw Safety Switch, 600 Volt, 4 Pole, Non-Fusible, NEMA 1 Enclosure	33,501.59	1,719.39

26 28 16 00-0561 NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 00-0486)
**26 28 16 00-0562 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0561)**

26 28 16 00-0563	EA	100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,304.27	188.71
26 28 16 00-0564	EA	200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,932.71	245.44
26 28 16 00-0565	EA	400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,450.32	306.91
26 28 16 00-0566	EA	600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	16,264.93	492.17

**26 28 16 00-0567 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0561)**

26 28 16 00-0568	EA	100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,714.83	263.93
26 28 16 00-0569	EA	200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,742.65	343.45
26 28 16 00-0570	EA	400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	9,779.25	429.85
26 28 16 00-0571	EA	600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	10,697.04	689.05

**26 28 16 00-0572 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit,
Double Throw Safety Switches (26 28 16 00-0561)**

26 28 16 00-0573	EA	30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	1,633.76	193.52
26 28 16 00-0574	EA	60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,029.92	252.57
26 28 16 00-0575	EA	100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	2,838.68	330.03
26 28 16 00-0576	EA	200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	4,090.41	429.16
26 28 16 00-0577	EA	400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	6,885.19	537.31
26 28 16 00-0578	EA	600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	8,104.77	861.07

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	------------------------	----------------------

26 28 16 00-0579	600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0561)</small>		
26 28 16 00-0580	EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,101.28	144.43
26 28 16 00-0581	EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,666.48	188.71
26 28 16 00-0582	EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,003.06	245.44
26 28 16 00-0583	EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,726.72	306.91
26 28 16 00-0584	EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,678.88	492.17
26 28 16 00-0585	600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0561)</small>		
26 28 16 00-0586	EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,259.68	202.03
26 28 16 00-0587	EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,885.37	263.93
26 28 16 00-0588	EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,331.29	343.45
26 28 16 00-0589	EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,241.50	429.85
26 28 16 00-0590	EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	8,423.05	689.05
26 28 16 00-0591	600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0561)</small>		
26 28 16 00-0592	EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,045.84	252.57
26 28 16 00-0593	EA 100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,845.98	330.03
26 28 16 00-0594	EA 200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,191.75	429.16
26 28 16 00-0595	EA 400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,873.22	537.31
26 28 16 00-0596	EA 600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	8,170.72	861.07
26 28 16 00-0597	NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0486)</small>		
26 28 16 00-0598	240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0599	EA 30 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,293.57	110.56
26 28 16 00-0600	EA 60 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,471.22	144.34
26 28 16 00-0601	EA 100 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,672.64	188.62
26 28 16 00-0602	EA 200 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,295.09	245.27
26 28 16 00-0603	EA 400 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,240.92	306.99
26 28 16 00-0604	EA 600 Amp, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,232.71	492.00
26 28 16 00-0605	240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0606	EA 30 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,495.20	154.74
26 28 16 00-0607	EA 60 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,774.45	202.03
26 28 16 00-0608	EA 100 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,113.38	263.93
26 28 16 00-0609	EA 200 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,938.78	343.45
26 28 16 00-0610	EA 400 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,295.09	429.85
26 28 16 00-0611	EA 600 Amp, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,034.77	689.05
26 28 16 00-0612	240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0613	EA 30 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,221.99	193.52
26 28 16 00-0614	EA 60 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,607.91	252.57
26 28 16 00-0615	EA 100 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,570.45	330.03
26 28 16 00-0616	EA 200 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,844.66	429.16
26 28 16 00-0617	EA 400 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,887.51	537.31
26 28 16 00-0618	EA 600 Amp, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,102.71	861.07
26 28 16 00-0619	600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0620	EA 60 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	1,926.53	144.34
26 28 16 00-0621	EA 100 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,037.37	188.62
26 28 16 00-0622	EA 200 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,827.65	245.27
26 28 16 00-0623	EA 400 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,508.86	306.99
26 28 16 00-0624	EA 600 Amp, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,422.20	492.00
26 28 16 00-0625	600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0626	EA 60 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,128.19	202.03
26 28 16 00-0627	EA 100 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,275.72	263.93
26 28 16 00-0628	EA 200 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,199.15	343.45
26 28 16 00-0629	EA 400 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,011.97	429.85
26 28 16 00-0630	EA 600 Amp, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,152.58	689.05
26 28 16 00-0631	600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 00-0597)</small>		
26 28 16 00-0632	EA 60 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	2,633.85	252.57

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 28 16 00-0633	EA	100 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,761.79	330.03
26 28 16 00-0634	EA	200 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,957.44	429.16
26 28 16 00-0635	EA	400 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,130.26	537.31
26 28 16 00-0636	EA	600 Amp, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	11,424.47	861.07
26 28 16 00-0637		Removal And Reinstallation Of Disconnect Switches (26 28 16 00-0001)		
		Note: Includes storage and cleaning.		
26 28 16 00-0638	EA	Up To 100 Amp, Remove And Reinstall Safety Disconnect Switch	429.85	
26 28 16 00-0639	EA	>100 To 200 Amp, Remove And Reinstall Safety Disconnect Switch	558.83	
26 28 16 00-0640	EA	>200 To 300 Amp, Remove And Reinstall Safety Disconnect Switch	623.32	
26 28 16 00-0641	EA	>300 To 400 Amp, Remove And Reinstall Safety Disconnect Switch	730.79	
26 28 16 00-0642		Bolted Contact Switches (26 28 16)		
		Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
26 28 16 00-0643		Electrical Trip, Bolted Contact Switches (26 28 16 00-0642)		
26 28 16 00-0644		Top Feed, Electrical Trip, Bolted Contact Switches (26 28 16 00-0643)		
26 28 16 00-0645	EA	800 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	5,537.19	859.69
26 28 16 00-0646	EA	1,200 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	6,044.86	1,031.64
26 28 16 00-0647	EA	1,600 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	6,618.69	1,203.57
26 28 16 00-0648	EA	2,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	7,041.33	1,375.51
26 28 16 00-0649	EA	2,500 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	7,949.05	1,547.45
26 28 16 00-0650	EA	3,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	9,858.48	1,719.39
26 28 16 00-0651	EA	4,000 Amp, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	13,160.73	2,063.26
26 28 16 00-0652		Bottom Feed, Electrical Trip, Bolted Contact Switches (26 28 16 00-0643)		
26 28 16 00-0653	EA	800 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	5,842.74	859.69
26 28 16 00-0654	EA	1,200 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	6,410.26	1,031.64
26 28 16 00-0655	EA	1,600 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	6,980.94	1,203.57
26 28 16 00-0656	EA	2,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	7,561.08	1,375.51
26 28 16 00-0657	EA	2,500 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	8,509.75	1,547.45
26 28 16 00-0658	EA	3,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	10,910.58	1,719.39
26 28 16 00-0659	EA	4,000 Amp, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	14,256.93	2,063.26
26 28 16 00-0660		Manually Operated, Bolted Contact Switches (26 28 16 00-0642)		
26 28 16 00-0661		Top Feed, Manually Operated, Bolted Contact Switches (26 28 16 00-0660)		
26 28 16 00-0662	EA	800 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	4,163.79	859.69
26 28 16 00-0663	EA	1,200 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	4,687.84	1,031.64
26 28 16 00-0664	EA	1,600 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	5,237.73	1,203.57
26 28 16 00-0665	EA	2,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	5,783.85	1,375.51
26 28 16 00-0666	EA	2,500 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	6,361.45	1,547.45
26 28 16 00-0667	EA	3,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	8,270.88	1,719.39
26 28 16 00-0668	EA	4,000 Amp, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	11,535.33	2,063.26
26 28 16 00-0669		Bottom Feed, Manually Operated, Bolted Contact Switches (26 28 16 00-0660)		
26 28 16 00-0670	EA	800 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	4,366.02	859.69
26 28 16 00-0671	EA	1,200 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	4,993.39	1,031.64
26 28 16 00-0672	EA	1,600 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	5,533.83	1,203.57
26 28 16 00-0673	EA	2,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	6,175.08	1,375.51
26 28 16 00-0674	EA	2,500 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	6,852.85	1,547.45
26 28 16 00-0675	EA	3,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	9,244.23	1,719.39
26 28 16 00-0676	EA	4,000 Amp, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	12,555.93	2,063.26

26 29 Low-Voltage Controllers (26 20)**26 29 13 Enclosed Controllers (26 29)****26 29 13 13 Across-The-Line Motor Controllers (26 29 13)****26 29 13 13-0001 Manual Motor Starters (26 29 13 13)****26 29 13 13-0002 Fractional HP Manual Motor Starters (26 29 13 13-0001)**

26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1)	147.38	43.05
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	-1.71	
		For Oversized Enclosure, Add	17.10	
		For Pilot Light, Add	25.08	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2)	192.89	55.97
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	-1.71	
		For Oversized Enclosure, Add	17.10	
		For Pilot Light, Add	25.08	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3)	164.48	43.05
		For Flush Cover Plate In Lieu Of NEMA 1, Deduct	-1.71	
		For Oversized Enclosure, Add	17.10	
		For Pilot Light, Add	25.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0006	EA		NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4).....	209.99	55.97
			<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-1.71	
			<i>For Oversized Enclosure, Add</i>	17.10	
			<i>For Pilot Light, Add</i>	25.08	
26 29 13 13-0007	EA		NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5).....	154.79	43.05
			<i>For Oversized Enclosure, Add</i>	17.10	
26 29 13 13-0008	EA		NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6).....	202.58	55.97
			<i>For Oversized Enclosure, Add</i>	17.10	
26 29 13 13-0009	EA		NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1).....	297.99	51.66
			<i>For Pilot Light, Add</i>	65.55	
26 29 13 13-0010	EA		NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2).....	345.20	64.58
			<i>For Pilot Light, Add</i>	65.55	
26 29 13 13-0011	EA		NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1).....	315.09	51.66
26 29 13 13-0012	EA		NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2).....	360.59	64.58
26 29 13 13-0013			Non Reversing Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0014	EA		NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1).....	122.40	43.05
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0015	EA		NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2).....	193.89	55.97
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0016	EA		NEMA 1, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5).....	137.61	47.36
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0017	EA		NEMA 1, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6).....	209.65	60.28
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0018	EA		NEMA 1, Non Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3).....	138.35	43.05
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0019	EA		NEMA 1, Non Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4).....	210.39	55.97
			Note: NEMA 1 or flush cover plate installation.		
			<i>For Oversize Enclosure, Add</i>	8.25	
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0020	EA		NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1).....	276.03	51.66
			<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0021	EA		NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2).....	341.46	64.58
			<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0022	EA		NEMA 4, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5).....	291.79	55.97
			<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0023	EA		NEMA 4, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6).....	355.57	68.89
			<i>For Pilot Light, Add</i>	62.70	
26 29 13 13-0024	EA		NEMA 3R, 7 And 9, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1).....	291.43	51.66
26 29 13 13-0025	EA		NEMA 3R, 7 And 9, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2).....	361.26	64.58
26 29 13 13-0026	EA		Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1).....	88.88	30.13
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0027	EA		Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2).....	160.35	43.05
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0028	EA		Open Type, Non Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5).....	104.09	34.44
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0029	EA		Open Type, Non Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6).....	175.56	47.36
			<i>For Pilot Light, Add</i>	39.60	
26 29 13 13-0030			Reversing Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0031	EA		NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11).....	312.84	77.50
			<i>For Pilot Light, Add</i>	63.80	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0032	EA		NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22) <i>For Pilot Light, Add</i>	449.20 63.80	103.33
26 29 13 13-0033			Two Speed Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0034	EA		NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11)	312.84	77.50
26 29 13 13-0035	EA		NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22).....	449.20	103.33
26 29 13 13-0036			Non-Reversing Integral HP Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0037	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1)	278.33	51.66
26 29 13 13-0038	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TGB1)	278.33	51.66
26 29 13 13-0039	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11).....	555.47	60.28
26 29 13 13-0040	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1)	555.47	60.28
26 29 13 13-0041	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1).....	717.35	60.28
26 29 13 13-0042	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1).....	351.98	60.28
26 29 13 13-0043	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1)	235.40	38.75
26 29 13 13-0044	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1).....	327.98	55.97
26 29 13 13-0045	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1).....	327.98	55.97
26 29 13 13-0046	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11).....	661.55	64.58
26 29 13 13-0047	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1).....	661.55	64.58
26 29 13 13-0048	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1).....	835.97	64.58
26 29 13 13-0049	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	401.63	64.58
26 29 13 13-0050	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1)	285.04	43.05
26 29 13 13-0051	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2)	424.94	60.28
26 29 13 13-0052	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2).....	424.94	60.28
26 29 13 13-0053	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12)	783.02	68.89
26 29 13 13-0054	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2).....	783.02	68.89
26 29 13 13-0055	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2)	950.03	68.89
26 29 13 13-0056	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2).....	500.30	68.89
26 29 13 13-0057	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2)	383.71	47.36
26 29 13 13-0058	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2)	344.92	64.58
26 29 13 13-0059	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TGB2).....	344.92	64.58
26 29 13 13-0060	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12).....	622.06	73.19
26 29 13 13-0061	EA		NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2).....	622.06	73.19
26 29 13 13-0062	EA		NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2).....	788.50	73.19
26 29 13 13-0063	EA		Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2).....	419.14	73.19
26 29 13 13-0064	EA		Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2).....	303.70	51.66
26 29 13 13-0065	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3).....	394.57	68.89
26 29 13 13-0066	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3).....	394.57	68.89
26 29 13 13-0067	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13).....	728.14	77.50
26 29 13 13-0068	EA		NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3).....	728.14	77.50
26 29 13 13-0069	EA		NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3).....	906.55	77.50
26 29 13 13-0070	EA		Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3).....	468.22	77.50
26 29 13 13-0071	EA		Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3).....	351.64	55.97
26 29 13 13-0072			Reversing Integral HP Manual Motor Starters <small>(26 29 13 13-0001)</small>		
26 29 13 13-0073	EA		NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1)	778.49	90.41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0074	EA		NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1).....	778.49	90.41
26 29 13 13-0075	EA		Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1).....	678.37	64.58
26 29 13 13-0076	EA		NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1).....	917.11	99.02
26 29 13 13-0077	EA		Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1).....	817.00	73.19
26 29 13 13-0078			Two Speed Integral HP Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0079	EA		NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1).....	778.49	90.41
26 29 13 13-0080	EA		Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1).....	678.37	64.58
26 29 13 13-0081	EA		NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1).....	917.11	99.02
26 29 13 13-0082	EA		Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1).....	817.00	73.19
26 29 13 13-0083			Magnetic Motor Starters (26 29 13 13)		
26 29 13 13-0084			Non Reversing, Magnetic Contactors (26 29 13 13-0083)		
26 29 13 13-0085			Open Enclosure, Non Reversing, Magnetic Contactors (26 29 13 13-0084)		
26 29 13 13-0086	EA		Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO11).....	335.81	86.10
			<i>For Factory Installed Accessory, Deduct</i>	-172.22	
26 29 13 13-0087	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAO12).....	376.96	94.71
			<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0088	EA		Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO5).....	359.75	86.10
			<i>For Factory Installed Accessory, Deduct</i>	-172.22	
26 29 13 13-0089	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO1).....	401.47	94.71
			<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0090	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO2).....	442.63	103.33
			<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0091	EA		Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO3).....	558.71	129.16
			<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0092	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBO4).....	699.86	154.99
			<i>For Factory Installed Accessory, Deduct</i>	-309.98	
26 29 13 13-0093	EA		Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO5).....	416.86	94.71
			<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0094	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO1).....	458.02	103.33
			<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0095	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO2).....	500.33	111.94
			<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0096	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO3).....	642.80	150.68
			<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0097	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCO4).....	783.38	176.52
			<i>For Factory Installed Accessory, Deduct</i>	-353.03	
26 29 13 13-0098	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO1).....	678.04	103.33
			<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0099	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO2).....	761.06	129.16
			<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0100	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDO3).....	993.66	172.22
			<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0101	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO1).....	1,005.02	129.16
			<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0102	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO2).....	1,156.68	172.22
			<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0103	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO3).....	1,469.64	215.27
			<i>For Factory Installed Accessory, Deduct</i>	-430.53	
26 29 13 13-0104	EA		Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEO4).....	2,075.59	258.32
			<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0105	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO1).....	2,232.87	215.27
			<i>For Factory Installed Accessory, Deduct</i>	-430.53	
26 29 13 13-0106	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO2).....	2,465.47	258.32
			<i>For Factory Installed Accessory, Deduct</i>	-516.64	

26 Electrical
26 20 Low-Voltage Electrical Distribution
26 29 Low-Voltage Controllers



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
					UNIT COST	UNIT COST
26 29 13 13-0107	EA			Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFO3).....	3,314.24	301.37
				<i>For Factory Installed Accessory, Deduct</i>	-602.75	
26 29 13 13-0108	EA			Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO1).....	4,422.28	258.32
				<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0109	EA			Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGO2).....	4,935.92	344.43
				<i>For Factory Installed Accessory, Deduct</i>	-688.85	
26 29 13 13-0110	EA			Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHO2).....	12,626.51	516.64
				<i>For Factory Installed Accessory, Deduct</i>	-1,033.28	
26 29 13 13-0111	EA			Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2).....	18,095.88	774.96
				<i>For Factory Installed Accessory, Deduct</i>	-1,549.92	
26 29 13 13-0112 NEMA 1, Non Reversing, Magnetic Contactors (26 29 13 13-0084)						
26 29 13 13-0113	EA			Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG11).....	353.48	86.10
				<i>For Factory Installed Accessory, Deduct</i>	-172.22	
26 29 13 13-0114	EA			Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SAG12).....	394.63	94.71
				<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0115	EA			Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG5).....	377.42	86.10
				<i>For Factory Installed Accessory, Deduct</i>	-172.22	
26 29 13 13-0116	EA			Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG1).....	419.71	94.71
				<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0117	EA			Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG2).....	460.87	103.33
				<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0118	EA			Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG3).....	578.09	129.16
				<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0119	EA			Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBG4).....	719.81	154.99
				<i>For Factory Installed Accessory, Deduct</i>	-309.98	
26 29 13 13-0120	EA			Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG5).....	435.67	94.71
				<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0121	EA			Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG1).....	477.97	103.33
				<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0122	EA			Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG2).....	519.14	111.94
				<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0123	EA			Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG3).....	662.18	150.68
				<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0124	EA			Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCG4).....	802.19	176.52
				<i>For Factory Installed Accessory, Deduct</i>	-353.03	
26 29 13 13-0125	EA			Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG1).....	762.40	103.33
				<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0126	EA			Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG2).....	845.99	129.16
				<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0127	EA			Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDG3).....	1,078.02	172.22
				<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0128	EA			Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG1).....	1,170.89	129.16
				<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0129	EA			Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG2).....	1,321.98	172.22
				<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0130	EA			Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEG3).....	1,635.51	215.27
				<i>For Factory Installed Accessory, Deduct</i>	-430.53	
26 29 13 13-0131	EA			Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG1).....	2,576.58	215.27
				<i>For Factory Installed Accessory, Deduct</i>	-430.53	
26 29 13 13-0132	EA			Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFG2).....	2,809.18	258.32
				<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0133	EA			Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGG2).....	5,562.35	344.43
				<i>For Factory Installed Accessory, Deduct</i>	-688.85	
26 29 13 13-0134	EA			Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHG2).....	15,381.32	516.64
				<i>For Factory Installed Accessory, Deduct</i>	-1,033.28	
26 29 13 13-0135	EA			Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, NEMA 1 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SJO2).....	20,858.67	774.96
				<i>For Factory Installed Accessory, Deduct</i>	-1,549.92	

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

26 29 13 13-0136		NEMA 12, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0137	EA	Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA1) <i>For Factory Installed Accessory, Deduct</i>	517.18 -189.43	94.71
26 29 13 13-0138	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBA2) <i>For Factory Installed Accessory, Deduct</i>	558.34 -206.65	103.33
26 29 13 13-0139	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCA2)..... <i>For Factory Installed Accessory, Deduct</i>	616.61 -223.88	111.94
26 29 13 13-0140	EA	Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA1) <i>For Factory Installed Accessory, Deduct</i>	940.24 -206.65	103.33
26 29 13 13-0141	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDA2) <i>For Factory Installed Accessory, Deduct</i>	1,024.40 -258.32	129.16
26 29 13 13-0142	EA	Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA1)..... <i>For Factory Installed Accessory, Deduct</i>	1,381.79 -258.32	129.16
26 29 13 13-0143	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEA2)..... <i>For Factory Installed Accessory, Deduct</i>	1,532.31 -344.43	172.22
26 29 13 13-0144	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFA2)..... <i>For Factory Installed Accessory, Deduct</i>	3,507.43 -516.64	258.32
26 29 13 13-0145	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGA2) <i>For Factory Installed Accessory, Deduct</i>	7,349.30 -688.85	344.43
26 29 13 13-0146	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHA2) <i>For Factory Installed Accessory, Deduct</i>	17,572.40 -1,033.28	516.64
26 29 13 13-0147		NEMA 4/4X, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
Note: Brushed stainless steel enclosure.				
26 29 13 13-0148	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBW12) <i>For Factory Installed Accessory, Deduct</i>	745.30 -206.65	103.33
26 29 13 13-0149	EA	Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW11)..... <i>For Factory Installed Accessory, Deduct</i>	770.38 -206.65	103.33
26 29 13 13-0150	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW12)..... <i>For Factory Installed Accessory, Deduct</i>	811.55 -223.88	111.94
26 29 13 13-0151	EA	Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SCW13)..... <i>For Factory Installed Accessory, Deduct</i>	954.59 -301.37	150.68
26 29 13 13-0152	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SDW12) <i>For Factory Installed Accessory, Deduct</i>	1,430.81 -258.32	129.16
26 29 13 13-0153	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SEW12)..... <i>For Factory Installed Accessory, Deduct</i>	2,149.62 -344.43	172.22
26 29 13 13-0154	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SFW12) <i>For Factory Installed Accessory, Deduct</i>	4,222.21 -516.64	258.32
26 29 13 13-0155	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SGW12) <i>For Factory Installed Accessory, Deduct</i>	7,349.30 -688.85	344.43
26 29 13 13-0156	EA	Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 4/4X Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SHW2) <i>For Factory Installed Accessory, Deduct</i>	19,439.72 -1,033.28	516.64
26 29 13 13-0157		NEMA 7/9, Non Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
Note: Bolted cast iron enclosure.				
26 29 13 13-0158	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Non Reversing, Magnetic Contactors (Square D 8502SBT2) <i>For Factory Installed Accessory, Deduct</i>	1,455.44 -275.54	137.77
26 29 13 13-0159		Non Reversing, Magnetic Starters <small>(26 29 13 13-0083)</small>		
26 29 13 13-0160		Open Enclosure, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0161	EA	Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO11) <i>For Factory Installed Accessory, Deduct</i>	392.24 -172.22	86.10
26 29 13 13-0162	EA	Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAO12)..... <i>For Factory Installed Accessory, Deduct</i>	409.45 -189.43	94.71
26 29 13 13-0163	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO1) <i>For Factory Installed Accessory, Deduct</i>	437.38 -189.43	94.71
26 29 13 13-0164	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO2) <i>For Factory Installed Accessory, Deduct</i>	483.10 -206.65	103.33
26 29 13 13-0165	EA	Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBO4) <i>For Factory Installed Accessory, Deduct</i>	771.11 -309.98	154.99

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0166	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO1)	495.64	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0167	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO3).....	577.28	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0168	EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCO2)	601.22	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0169	EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO6)	729.91	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0170	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDO1).....	834.59	129.16
	<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0171	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEO1).....	1,278.09	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0172	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFO1).....	2,652.43	258.32
	<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0173	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGO1).....	5,905.49	344.43
	<i>For Factory Installed Accessory, Deduct</i>	-688.85	
26 29 13 13-0174	EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHO2).....	13,434.20	516.64
	<i>For Factory Installed Accessory, Deduct</i>	-1,033.28	
26 29 13 13-0175	EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SJO2)	19,368.12	774.96
	<i>For Factory Installed Accessory, Deduct</i>	-1,549.92	
26 29 13 13-0176	NEMA 1, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0177	EA Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG11)	411.05	86.10
	<i>For Factory Installed Accessory, Deduct</i>	-172.22	
26 29 13 13-0178	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SAG12).....	428.26	94.71
	<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0179	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG1)	456.19	94.71
	<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0180	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBG2).....	501.91	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0181	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG1)	513.88	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0182	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG3)	560.18	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0183	EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCG2).....	620.60	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0184	EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG6)	814.84	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0185	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDG1).....	919.52	129.16
	<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0186	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEG1).....	1,443.96	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0187	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFG1).....	2,996.14	258.32
	<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0188	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 1 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGG1).....	6,533.63	344.43
	<i>For Factory Installed Accessory, Deduct</i>	-688.85	
26 29 13 13-0189	NEMA 12, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0190	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA1).....	553.66	94.71
	<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0191	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBA2)	599.38	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0192	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA1).....	611.35	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0193	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA3).....	657.65	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0194	EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCA2).....	718.07	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0195	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA6) 993.25		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0196	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDA1) 1,097.36		129.16
			<i>For Factory Installed Accessory, Deduct</i> -258.32		
26 29 13 13-0197	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEA1) 1,654.29		172.22
			<i>For Factory Installed Accessory, Deduct</i> -344.43		
26 29 13 13-0198	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFA1) 3,693.82		258.32
			<i>For Factory Installed Accessory, Deduct</i> -516.64		
26 29 13 13-0199	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGA1) 8,318.87		344.43
			<i>For Factory Installed Accessory, Deduct</i> -688.85		
26 29 13 13-0200	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amp, NEMA 12 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SHA2) 19,687.67		516.64
			<i>For Factory Installed Accessory, Deduct</i> -1,033.28		
26 29 13 13-0201			NEMA 3R, Non Reversing, Magnetic Starters <small>(26 29 13 13-0199)</small>		
26 29 13 13-0202	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH1) 553.66		94.71
			<i>For Factory Installed Accessory, Deduct</i> -189.43		
26 29 13 13-0203	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBH2) 599.38		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0204	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH1) 611.35		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0205	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH3) 657.65		111.94
			<i>For Factory Installed Accessory, Deduct</i> -223.88		
26 29 13 13-0206	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCH2) 718.07		111.94
			<i>For Factory Installed Accessory, Deduct</i> -223.88		
26 29 13 13-0207	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH6) 993.25		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0208	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDH1) 1,097.36		129.16
			<i>For Factory Installed Accessory, Deduct</i> -258.32		
26 29 13 13-0209	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEH1) 1,654.29		172.22
			<i>For Factory Installed Accessory, Deduct</i> -344.43		
26 29 13 13-0210	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFH1) 3,693.82		258.32
			<i>For Factory Installed Accessory, Deduct</i> -516.64		
26 29 13 13-0211			NEMA 3R/4/4X/7/9, Non Reversing, Magnetic Starters <small>(26 29 13 13-0199)</small>		
			Note: Bolted cast aluminum enclosure.		
26 29 13 13-0212	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT4) 1,518.27		146.38
			<i>For Factory Installed Accessory, Deduct</i> -292.77		
26 29 13 13-0213	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR1) 1,850.01		146.38
			<i>For Factory Installed Accessory, Deduct</i> -292.77		
26 29 13 13-0214	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCR3) 1,908.26		154.99
			<i>For Factory Installed Accessory, Deduct</i> -309.98		
26 29 13 13-0215	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDR1) 2,924.82		172.22
			<i>For Factory Installed Accessory, Deduct</i> -344.43		
26 29 13 13-0216	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SET43) 3,530.76		215.27
			<i>For Factory Installed Accessory, Deduct</i> -430.53		
26 29 13 13-0217	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFT41) 5,606.21		301.37
			<i>For Factory Installed Accessory, Deduct</i> -602.75		
26 29 13 13-0218			NEMA 4/4X, Non Reversing, Magnetic Starters <small>(26 29 13 13-0199)</small>		
			Note: Brushed stainless steel enclosure.		
26 29 13 13-0219	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW11) 740.05		94.71
			<i>For Factory Installed Accessory, Deduct</i> -189.43		
26 29 13 13-0220	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBW12) 786.34		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0221	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW11) 806.29		103.33
			<i>For Factory Installed Accessory, Deduct</i> -206.65		
26 29 13 13-0222	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW13) 852.59		111.94
			<i>For Factory Installed Accessory, Deduct</i> -223.88		
26 29 13 13-0223	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCW12) 913.01		111.94
			<i>For Factory Installed Accessory, Deduct</i> -223.88		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0224	EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW16).....	1,398.52	103.33
	<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0225	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW11)	2,271.03	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0226	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW11).....	4,408.03	258.32
	<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0227	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, NEMA 4/4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SGW11)	9,692.00	344.43
	<i>For Factory Installed Accessory, Deduct</i>	-688.85	
26 29 13 13-0228	NEMA 4X, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
	Note: Glass polyester enclosure.		
26 29 13 13-0229	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDW21)	1,504.34	129.16
	<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0230	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SEW21)	2,753.25	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0231	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 4X Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SFW21).....	5,381.59	258.32
	<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0232	NEMA 7/9, Non Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
	Note: Bolted cast iron enclosure.		
26 29 13 13-0233	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT1)	1,467.41	137.77
	<i>For Factory Installed Accessory, Deduct</i>	-275.54	
26 29 13 13-0234	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SBT2)	1,518.27	146.38
	<i>For Factory Installed Accessory, Deduct</i>	-292.77	
26 29 13 13-0235	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT1).....	1,538.79	146.38
	<i>For Factory Installed Accessory, Deduct</i>	-292.77	
26 29 13 13-0236	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT3)	1,587.35	154.99
	<i>For Factory Installed Accessory, Deduct</i>	-309.98	
26 29 13 13-0237	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SCT2).....	1,656.89	154.99
	<i>For Factory Installed Accessory, Deduct</i>	-309.98	
26 29 13 13-0238	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 7/9 Enclosure, Full Voltage, Non Reversing Magnetic Starter (Square D 8536SDT1)	2,409.54	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0239	Reversing, Magnetic Starters <small>(26 29 13 13-0083)</small>		
26 29 13 13-0240	Open Enclosure, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0241	EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13)	715.79	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0242	EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16)	751.70	111.94
	<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0243	EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1)	830.48	120.55
	<i>For Factory Installed Accessory, Deduct</i>	-241.10	
26 29 13 13-0244	EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2)	863.66	129.16
	<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0245	EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10)	883.61	129.16
	<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0246	EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2)	945.29	137.77
	<i>For Factory Installed Accessory, Deduct</i>	-275.54	
26 29 13 13-0247	EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3)	988.22	150.68
	<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0248	EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7)	1,008.74	150.68
	<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0249	EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1)	1,683.36	172.22
	<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0250	EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1).....	2,740.78	258.32
	<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0251	EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1).....	6,207.06	387.48
	<i>For Factory Installed Accessory, Deduct</i>	-774.96	
26 29 13 13-0252	EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1)	11,469.41	516.64
	<i>For Factory Installed Accessory, Deduct</i>	-1,033.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0253 EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amp, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1).....	36,806.85	947.17
<i>For Factory Installed Accessory, Deduct</i>	-1,894.35	
26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0255 EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13).....	732.76	103.33
<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0256 EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15).....	767.09	111.94
<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0257 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16).....	787.61	111.94
<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0258 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1).....	864.68	120.55
<i>For Factory Installed Accessory, Deduct</i>	-241.10	
26 29 13 13-0259 EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2).....	899.00	129.16
<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0260 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4).....	919.52	129.16
<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0261 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2).....	996.59	137.77
<i>For Factory Installed Accessory, Deduct</i>	-275.54	
26 29 13 13-0262 EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6).....	1,039.52	150.68
<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0263 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8).....	1,060.04	150.68
<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0264 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2).....	1,816.74	172.22
<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0265 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2).....	2,971.63	258.32
<i>For Factory Installed Accessory, Deduct</i>	-516.64	
26 29 13 13-0266 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amp, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3).....	6,631.14	387.48
<i>For Factory Installed Accessory, Deduct</i>	-774.96	
26 29 13 13-0267 NEMA 12, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
26 29 13 13-0268 EA Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2).....	1,044.92	129.16
<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0269 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4).....	1,065.44	129.16
<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0270 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4).....	1,205.96	150.68
<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0271 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amp, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1).....	2,060.70	172.22
<i>For Factory Installed Accessory, Deduct</i>	-344.43	
26 29 13 13-0272 NEMA 4X, Reversing, Magnetic Starters <small>(26 29 13 13-0239)</small>		
Note: Brushed stainless steel enclosure.		
26 29 13 13-0273 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14).....	1,292.30	129.16
<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0274 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amp, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11).....	1,516.43	137.77
<i>For Factory Installed Accessory, Deduct</i>	-275.54	
26 29 13 13-0275 Magnetic Contactor/Starter Accessories <small>(26 29 13 13-0083)</small>		
26 29 13 13-0276 EA NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2).....	96.93	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0277 EA NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3).....	161.28	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0278 EA NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2).....	96.93	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0279 EA NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8).....	161.28	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0280 EA NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R).....	161.28	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0281 EA Internal Nonconvertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11).....	81.57	8.61
<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0282 EA External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6).....	73.12	8.61
<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0283 EA External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8).....	96.93	10.76
<i>For Factory Installed Accessory, Deduct</i>	-21.53	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 29 13 13-0284	EA	External Field Non Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13).....	81.57	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0285	EA	External Field Non Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15)	108.63	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0286	EA	30 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6)	119.92	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0287	EA	45 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11)	203.77	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0288	EA	60 Amp, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21)	216.12	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0289	EA	30 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8)	258.78	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0290	EA	45 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13)	447.93	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0291	EA	60 Amp, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23)	447.93	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1).....	29.89	6.45
		<i>For Factory Installed Accessory, Deduct</i>	-12.92	
26 29 13 13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3).....	58.82	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4).....	77.43	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1).....	61.83	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7).....	34.57	6.45
		<i>For Factory Installed Accessory, Deduct</i>	-12.92	
26 29 13 13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1).....	22.22	6.45
		<i>For Factory Installed Accessory, Deduct</i>	-12.92	
26 29 13 13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39).....	104.97	8.61
		<i>For Factory Installed Accessory, Deduct</i>	-17.22	
26 29 13 13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40).....	179.48	10.76
		<i>For Factory Installed Accessory, Deduct</i>	-21.53	
26 29 13 13-0300		Definite Purpose Starters <small>(26 29 13 13)</small>		
26 29 13 13-0301		Open Enclosure, Definite Purpose Starter <small>(26 29 13 13-0300)</small>		
26 29 13 13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13)	375.94	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0303	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22)	375.37	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0304	EA	Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23)	406.28	111.94
		<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0305	EA	Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32)	396.46	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0306	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33)	430.79	111.94
		<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0307	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42)	414.70	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0308	EA	Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43)	485.75	129.16
		<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0309	EA	Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52)	533.06	129.16
		<i>For Factory Installed Accessory, Deduct</i>	-258.32	
26 29 13 13-0310	EA	Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53)	665.03	150.68
		<i>For Factory Installed Accessory, Deduct</i>	-301.37	
26 29 13 13-0311		NEMA 1, Definite Purpose Starter <small>(26 29 13 13-0300)</small>		
26 29 13 13-0312	EA	NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12)	378.67	94.71
		<i>For Factory Installed Accessory, Deduct</i>	-189.43	
26 29 13 13-0313	EA	NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13)	409.57	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0314	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22)	408.43	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0315	EA	NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23)	441.05	111.94
		<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0316	EA	NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32)	430.09	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	
26 29 13 13-0317	EA	NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33)	464.99	111.94
		<i>For Factory Installed Accessory, Deduct</i>	-223.88	
26 29 13 13-0318	EA	NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42)	449.47	103.33
		<i>For Factory Installed Accessory, Deduct</i>	-206.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0319	EA		NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) <i>For Factory Installed Accessory, Deduct</i>	519.95 -258.32	129.16
26 29 13 13-0320	EA		NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) <i>For Factory Installed Accessory, Deduct</i>	565.55 -258.32	129.16
26 29 13 13-0321	EA		NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amp, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) <i>For Factory Installed Accessory, Deduct</i>	698.09 -301.37	150.68
26 29 13 13-0322			Definite Purpose Starter Accessory <small>(26 29 13 13-0300)</small>		
26 29 13 13-0323	EA		Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit <i>For Factory Installed Accessory, Deduct</i>	108.63 -21.53	10.76
26 29 13 13-0324			Panel Mounted Miniature Contactor <small>(26 29 13 13)</small>		
26 29 13 13-0325			Non Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>		
26 29 13 13-0326	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	118.59	43.05
26 29 13 13-0327	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	137.46	47.36
26 29 13 13-0328	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	137.46	47.36
26 29 13 13-0329	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LC1K).....	152.35	51.66
26 29 13 13-0330	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	128.85	43.05
26 29 13 13-0331	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	134.55	43.05
26 29 13 13-0332	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	147.15	47.36
26 29 13 13-0333	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	152.85	47.36
26 29 13 13-0334	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	150.57	47.36
26 29 13 13-0335	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	152.85	47.36
26 29 13 13-0336	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	163.75	51.66
26 29 13 13-0337	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	156.27	47.36
26 29 13 13-0338	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP1K).....	169.45	51.66
26 29 13 13-0339	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	157.41	47.36
26 29 13 13-0340	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	157.41	47.36
26 29 13 13-0341	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	175.15	51.66
26 29 13 13-0342	EA		3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Non Reversing, Panel Mounted Miniature Contactor (Square D LP4K).....	175.15	51.66
26 29 13 13-0343			Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>		
26 29 13 13-0344	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	160.20	43.05
26 29 13 13-0345	EA		3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	171.60	43.05
26 29 13 13-0346	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	189.90	47.36
26 29 13 13-0347	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	189.90	47.36
26 29 13 13-0348	EA		3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, AC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	201.30	47.36

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0349	EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	212.20	51.66
26 29 13 13-0350	EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 12 Amp, 20 Amp, AC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LC2K).....	212.20	51.66
26 29 13 13-0351	EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	181.29	43.05
26 29 13 13-0352	EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amp, 15 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	192.69	43.05
26 29 13 13-0353	EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	209.85	47.36
26 29 13 13-0354	EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	221.25	47.36
26 29 13 13-0355	EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	235.57	51.66
26 29 13 13-0356	EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP2K).....	246.97	51.66
26 29 13 13-0357	EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	203.58	47.36
26 29 13 13-0358	EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	230.37	47.36
26 29 13 13-0359	EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amp, 20 Amp, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	259.51	51.66
26 29 13 13-0360	Panel Mounted Miniature Contactor Accessories (26 29 13 13-0324)		
26 29 13 13-0361	EA 2 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02).....	52.00	21.53
26 29 13 13-0362	EA 4 Auxiliary Contacts, 10 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40).....	56.40	21.53
26 29 13 13-0363	EA Electronic Time Delay Contact, 2 Amp, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U).....	64.37	21.53
26 29 13 13-0364	EA Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301).....	80.22	21.53
26 29 13 13-0365	Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole (26 29 13 13)		
26 29 13 13-0366	NEMA 1 Enclosure (26 29 13 13-0365)		
26 29 13 13-0367	EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	5,795.54	412.65
26 29 13 13-0368	EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	10,148.63	550.21
26 29 13 13-0369	EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	17,813.73	653.37
26 29 13 13-0370	EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	43,561.58	799.51
26 29 13 13-0371	EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing.....	69,537.15	1,023.04
26 29 13 13-0372	NEMA 12 Enclosure (26 29 13 13-0365)		
26 29 13 13-0373	EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	5,754.29	421.42
26 29 13 13-0374	EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	10,073.28	551.06
26 29 13 13-0375	EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	17,676.20	651.31
26 29 13 13-0376	EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	43,212.00	795.99
26 29 13 13-0377	EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing.....	68,974.99	1,023.47
26 29 13 13-0378	Factory Modifications Pilot Devices (26 29 13 13-0365)		
26 29 13 13-0379	EA Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	145.86	
26 29 13 13-0380	EA H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	160.87	
26 29 13 13-0381	EA Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	273.82	
26 29 13 13-0382	EA Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	148.78	
26 29 13 13-0383	EA Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	213.93	
26 29 13 13-0384	EA Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	106.96	
26 29 13 13-0385	EA Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	349.12	
26 29 13 13-0386	Factory Modifications Meters (26 29 13 13-0365)		
26 29 13 13-0387	EA Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	1,403.35	
26 29 13 13-0388	EA Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	1,355.45	
26 29 13 13-0389	EA Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	479.19	
26 29 13 13-0390	EA Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter.....	397.06	
26 29 13 13-0391	Factory Modifications Main Circuit Breakers (26 29 13 13-0365)		
26 29 13 13-0392	EA Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker.....	1,854.73	

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

26 29 13 13-0393	EA			Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker.....	3,392.08	
26 29 13 13-0394	EA			Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	7,215.29	
26 29 13 13-0395				Factory Modifications Addition <small>(26 29 13 13-0365)</small>		
				Note: For reversing service auto transformer type.		
26 29 13 13-0396	EA			Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0397	EA			Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0398	EA			Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0399	EA			Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	311.49	
26 29 13 13-0400				Combination Starters Non-Reversing <small>(26 29 13 13)</small>		
26 29 13 13-0401				240-600 Volts, 3-Pole <small>(26 29 13 13-0400)</small>		
26 29 13 13-0402				NEMA 1 With Disconnect Switch <small>(26 29 13 13-0401)</small>		
26 29 13 13-0403	EA			Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,086.42	197.73
26 29 13 13-0404	EA			Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,349.19	309.49
26 29 13 13-0405	EA			Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,866.29	361.07
26 29 13 13-0406	EA			Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,809.43	447.04
26 29 13 13-0407	EA			Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,124.50	713.55
26 29 13 13-0408	EA			Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	10,079.64	894.08
26 29 13 13-0409				NEMA 1 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0410	EA			Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,358.75	197.73
26 29 13 13-0411	EA			Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,621.53	309.49
26 29 13 13-0412	EA			Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,131.06	361.07
26 29 13 13-0413	EA			Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,953.17	447.04
26 29 13 13-0414	EA			Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,949.07	713.55
26 29 13 13-0415	EA			Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	12,265.90	894.08
26 29 13 13-0416				Factory Modifications For NEMA 1 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0417	EA			Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	124.02	
26 29 13 13-0418	EA			H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	291.29	
26 29 13 13-0419	EA			Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt.....	201.04	
26 29 13 13-0420				NEMA 4 With Disconnect Switch <small>(26 29 13 13-0401)</small>		
26 29 13 13-0421	EA			Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,945.31	257.91
26 29 13 13-0422	EA			Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,168.88	361.07
26 29 13 13-0423	EA			Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,065.49	395.46
26 29 13 13-0424	EA			Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,820.88	481.43
26 29 13 13-0425	EA			Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	7,620.92	713.55
26 29 13 13-0426	EA			Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	16,449.30	894.08
26 29 13 13-0427				NEMA 4 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0428	EA			Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,217.65	257.91
26 29 13 13-0429	EA			Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,441.22	361.07
26 29 13 13-0430	EA			Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,330.27	395.46
26 29 13 13-0431	EA			Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	4,964.61	481.43
26 29 13 13-0432	EA			Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	8,445.49	713.55
26 29 13 13-0433	EA			Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	15,594.46	894.08
26 29 13 13-0434				Factory Modifications For NEMA 4 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0435	EA			Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt.....	124.04	
26 29 13 13-0436	EA			H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt.....	291.29	
26 29 13 13-0437	EA			Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt.....	201.04	
26 29 13 13-0438				NEMA 12 With Disconnect Switch <small>(26 29 13 13-0401)</small>		
26 29 13 13-0439	EA			Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,120.84	199.02
26 29 13 13-0440	EA			Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,385.50	311.47
26 29 13 13-0441	EA			Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,923.78	358.23
26 29 13 13-0442	EA			Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,905.13	447.73
26 29 13 13-0443	EA			Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,309.08	716.47
26 29 13 13-0444	EA			Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	10,494.06	895.46
26 29 13 13-0445				NEMA 12 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0446	EA			Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,446.03	199.02
26 29 13 13-0447	EA			Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	1,712.24	311.47
26 29 13 13-0448	EA			Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,259.56	358.23
26 29 13 13-0449	EA			Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,140.08	447.73
26 29 13 13-0450	EA			Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	6,359.32	716.47
26 29 13 13-0451	EA			Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	13,217.42	895.46

26	Electrical
26 20	Low-Voltage Electrical Distribution
26 29	Low-Voltage Controllers

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 29 13 13-0452		Factory Modifications For NEMA 12 Enclosure (26 29 13 13-0401)			
26 29 13 13-0453	EA	Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	123.00		
26 29 13 13-0454	EA	H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	288.87		
26 29 13 13-0455	EA	Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	199.37		
26 29 13 13-0456		NEMA 7 Or 9 With Circuit Breaker (26 29 13 13-0401)			
26 29 13 13-0457	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	2,509.25		412.65
26 29 13 13-0458	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,396.76		550.21
26 29 13 13-0459	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	3,742.90		756.53
26 29 13 13-0460	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,532.42		1,031.64
26 29 13 13-0461	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	8,301.82		1,444.29
26 29 13 13-0462		Factory Modifications For NEMA 7 Or 9 Enclosure (26 29 13 13-0401)			
26 29 13 13-0463	EA	Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56		
26 29 13 13-0464	EA	H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56		
26 29 13 13-0465	EA	Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	737.56		
26 29 13 13-0466		Combination Starters Reversing (26 29 13 13)			
26 29 13 13-0467		240-600 Volt, 3 Pole (26 29 13 13-0466)			
26 29 13 13-0468		NEMA 1 With Disconnect Switch (26 29 13 13-0467)			
26 29 13 13-0469	EA	Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,351.03		257.91
26 29 13 13-0470	EA	Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,591.71		361.07
26 29 13 13-0471	EA	Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,259.12		395.46
26 29 13 13-0472	EA	Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,379.67		481.43
26 29 13 13-0473	EA	Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	6,510.63		713.55
26 29 13 13-0474		NEMA 1 With Circuit Breaker (26 29 13 13-0467)			
26 29 13 13-0475	EA	Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,494.72		257.91
26 29 13 13-0476	EA	Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,745.10		361.07
26 29 13 13-0477	EA	Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,438.68		395.46
26 29 13 13-0478	EA	Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,132.46		481.43
26 29 13 13-0479	EA	Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	6,996.32		713.55
26 29 13 13-0480		NEMA 12 With Disconnect Switch (26 29 13 13-0467)			
26 29 13 13-0481	EA	Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,434.59		265.39
26 29 13 13-0482	EA	Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	1,680.87		358.23
26 29 13 13-0483	EA	Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,408.14		398.04
26 29 13 13-0484	EA	Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,626.61		477.65
26 29 13 13-0485	EA	Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	7,027.84		716.47
26 29 13 13-0486		NEMA 12 With Circuit Breaker (26 29 13 13-0467)			
26 29 13 13-0487	EA	Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,592.92		265.39
26 29 13 13-0488	EA	Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	1,849.88		358.23
26 29 13 13-0489	EA	Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,605.99		398.04
26 29 13 13-0490	EA	Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,354.23		477.65
26 29 13 13-0491	EA	Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,562.99		716.47
26 29 13 13-0492		NEMA 7 Or 9 With Circuit Breaker (26 29 13 13-0467)			
26 29 13 13-0493	EA	Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,057.86		550.21
26 29 13 13-0494	EA	Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,314.20		687.75
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,737.15		894.08
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,461.74		1,169.18
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	13,456.95		1,581.83
26 29 13 13-0498		Solid State Motor Controllers (26 29 13 13)			
26 29 13 13-0499		Adjustable Voltage Drives, DC Motors (26 29 13 13-0498)			
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking.....	1,054.80		154.74
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	1,255.87		154.74
26 29 13 13-0502		Removal And Reinstallation Of Motor Starters (26 29 13 13)			
		Note: Includes storage and cleaning.			
26 29 13 13-0503	EA	Remove And Reinstall Motor Starter With Disconnect Up To 25 HP.....	614.00		
26 29 13 13-0504		Auxiliary Devices (26 29 13 13)			
26 29 13 13-0505	EA	Auxiliary Contact, Normally Open.....	328.49		85.97
26 29 13 13-0506	EA	Auxiliary Contact, Normally Closed.....	328.49		85.97
26 29 13 13-0507	EA	Pilot Light Kit.....	344.28		85.97

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

26 29 23 Variable-Frequency Motor Controllers (26 29)

26 29 23 00-0001	208/230 Volt Variable Frequency Drives (26 29 23) Note: 1 or 3 phase. Wall mounted. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0002	EA 3/4 HP, 208/230 Volt Variable Frequency Drive	1,410.47	173.59
26 29 23 00-0003	EA 1 HP, 208/230 Volt Variable Frequency Drive	1,581.47	173.59
26 29 23 00-0004	EA 1-1/2 HP, 208/230 Volt Variable Frequency Drive	1,837.47	173.59
26 29 23 00-0005	EA 2 HP, 208/230 Volt Variable Frequency Drive	2,005.47	173.59
26 29 23 00-0006	EA 3 HP, 208/230 Volt Variable Frequency Drive	2,113.47	173.59
26 29 23 00-0007	EA 5 HP, 208/230 Volt Variable Frequency Drive	2,179.08	173.59
26 29 23 00-0008	EA 7.5 HP, 208/230 Volt Variable Frequency Drive	2,429.79	260.89
26 29 23 00-0009	EA 10 HP, 208/230 Volt Variable Frequency Drive	2,956.23	260.89
26 29 23 00-0010	EA 15 HP, 208/230 Volt Variable Frequency Drive	3,580.85	347.07
26 29 23 00-0011	EA 20 HP, 208/230 Volt Variable Frequency Drive	4,141.69	347.07
26 29 23 00-0012	EA 25 HP, 208/230 Volt Variable Frequency Drive	5,153.48	434.39
26 29 23 00-0013	EA 30 HP, 208/230 Volt Variable Frequency Drive	6,422.07	434.39
26 29 23 00-0014	EA 40 HP, 208/230 Volt Variable Frequency Drive	7,838.03	510.04
26 29 23 00-0015	EA 50 HP, 208/230 Volt Variable Frequency Drive	8,813.04	609.81
26 29 23 00-0016	EA 60 HP, 208/230 Volt Variable Frequency Drive	9,984.04	609.81
26 29 23 00-0017	EA 75 HP, 208/230 Volt Variable Frequency Drive	11,773.04	609.81

26 29 23 00-0018 460/480 Volt Variable Frequency Drives (26 29 23)

	Note: 3 Phase. ABB ACH550 or ACS550 Series. Includes full voltage bypass. NEMA 1 enclosure.		
26 29 23 00-0019	EA 3 HP, 480 Volt Variable Frequency Drive	1,906.80	152.40
	Note: Wall mounted.		
26 29 23 00-0020	EA 5 HP, 480 Volt Variable Frequency Drive	2,046.47	173.59
	Note: Wall mounted.		
26 29 23 00-0021	EA 7.5 HP, 480 Volt Variable Frequency Drive	2,176.79	260.89
	Note: Wall mounted.		
26 29 23 00-0022	EA 10 HP, 480 Volt Variable Frequency Drive	2,414.16	260.90
	Note: Wall mounted.		
26 29 23 00-0023	EA 15 HP, 480 Volt Variable Frequency Drive	3,049.85	347.07
	Note: Wall mounted.		
26 29 23 00-0024	EA 20 HP, 480 Volt Variable Frequency Drive	3,564.95	347.09
	Note: Wall mounted.		
26 29 23 00-0025	EA 25 HP, 480 Volt Variable Frequency Drive	4,475.48	434.40
	Note: Wall mounted.		
26 29 23 00-0026	EA 30 HP, 480 Volt Variable Frequency Drive	5,108.07	434.39
	Note: Wall mounted.		
26 29 23 00-0027	EA 40 HP, 480 Volt Variable Frequency Drive	6,129.03	510.04
	Note: Wall mounted.		
26 29 23 00-0028	EA 50 HP, 480 Volt Variable Frequency Drive	7,256.04	609.81
	Note: Wall mounted.		
26 29 23 00-0029	EA 60 HP, 480 Volt Variable Frequency Drive	8,428.97	652.00
	Note: Wall mounted.		
26 29 23 00-0030	EA 75 HP, 480 Volt Variable Frequency Drive	9,540.89	694.19
	Note: Wall mounted.		
26 29 23 00-0031	EA 100 HP, 480 Volt Variable Frequency Drive	11,402.49	736.17
	Note: Wall mounted.		
26 29 23 00-0032	EA 125 HP, 480 Volt Variable Frequency Drive	13,523.96	777.53
	Note: Wall mounted.		
26 29 23 00-0033	EA 150 HP, 480 Volt Variable Frequency Drive	15,560.94	868.73
	Note: Floor mounted.		
26 29 23 00-0034	EA 200 HP, 480 Volt Variable Frequency Drive	20,921.09	952.47
	Note: Floor mounted.		
26 29 23 00-0035	EA 250 HP, 480 Volt Variable Frequency Drive	26,923.27	1,036.68
	Note: Floor mounted.		
26 29 23 00-0036	EA 300 HP, 480 Volt Variable Frequency Drive	31,702.30	1,214.87
	Note: Floor mounted.		
26 29 23 00-0037	EA 350 HP, 480 Volt Variable Frequency Drive	36,817.70	1,376.15
	Note: Floor mounted.		
26 29 23 00-0038	EA 400 HP, 480 Volt Variable Frequency Drive	43,102.91	1,555.06
	Note: Floor mounted.		
26 29 23 00-0039	EA 450 HP, 480 Volt Variable Frequency Drive	46,525.83	1,747.22
	Note: Floor mounted.		

26 30 Facility Electrical Power Generating And Storing Equipment
26 31 Photovoltaic Collectors (26 30)

26 31 00 00-0001	Photovoltaic Collectors (26 31) Note: All materials are to be installed per manufacturers specifications and must be in compliance with the California Energy Commission Guidelines (CEC-300-2011-005-CMF). See CSI section 26 28 13 00-0078 for fuses.		
26 31 00 00-0002	Rigid Photovoltaic Modules (26 31)		
26 31 00 00-0003	Sanyo Rigid Photovoltaic Modules (26 31 00 00-0002)		
26 31 00 00-0004	EA 205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	1,075.39	81.67
	For >50, Deduct	-91.21	
26 31 00 00-0005	EA 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	1,192.32	81.67
	For >50, Deduct	-102.90	

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 31 Photovoltaic Collectors**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 31 00 00-0006	EA	215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	1,118.66		81.67
		<i>For >50, Deduct</i>	-95.53		
26 31 00 00-0007		Sharp Rigid Photovoltaic Modules <small>(26 31 00 00-0002)</small>			
26 31 00 00-0008	EA	224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	901.17		81.67
		<i>For >50, Deduct</i>	-73.78		
26 31 00 00-0009	EA	230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	1,019.27		81.67
		<i>For >50, Deduct</i>	-85.59		
26 31 00 00-0010	EA	235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	1,037.98		81.67
		<i>For >50, Deduct</i>	-87.46		
26 31 00 00-0011	EA	240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	979.51		81.67
		<i>For >50, Deduct</i>	-81.62		
26 31 00 00-0012		BP Solar Rigid Photovoltaic Modules <small>(26 31 00 00-0002)</small>			
		Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.			
26 31 00 00-0013	EA	50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	466.13		81.67
		<i>For >50, Deduct</i>	-30.28		
26 31 00 00-0014	EA	75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	565.52		81.67
		<i>For >50, Deduct</i>	-40.22		
26 31 00 00-0015	EA	80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	605.28		81.67
		<i>For >50, Deduct</i>	-44.19		
26 31 00 00-0016		Photovoltaic Inverters <small>(26 31)</small>			
26 31 00 00-0017		Fronius Photovoltaic Inverters <small>(26 31 00 00-0016)</small>			
26 31 00 00-0018	EA	3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	2,949.03		85.97
26 31 00 00-0019	EA	5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	4,707.65		85.97
26 31 00 00-0020	EA	6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	4,847.97		85.97
26 31 00 00-0021	EA	7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	5,888.65		85.97
26 31 00 00-0022	EA	10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	6,486.41		85.97
26 31 00 00-0023	EA	12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	7,532.68		85.97
26 31 00 00-0024	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	8,551.20		171.94
26 31 00 00-0025	EA	11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	8,668.13		171.94
26 31 00 00-0026	EA	Inverter Display Stand (Fronius 4,045,894).....	251.66		42.98
26 31 00 00-0027		SMA Photovoltaic Inverters <small>(26 31 00 00-0016)</small>			
26 31 00 00-0028	EA	4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	1,972.75		85.97
26 31 00 00-0029	EA	5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	2,358.74		85.97
26 31 00 00-0030	EA	6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	2,718.46		85.97
26 31 00 00-0031	EA	7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	2,993.08		85.97
26 31 00 00-0032	EA	8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	2,900.58		85.97
26 31 00 00-0033		PVPowered Photovoltaic Inverters <small>(26 31 00 00-0016)</small>			
26 31 00 00-0034	EA	120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	2,446.38		85.97
26 31 00 00-0035	EA	240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	2,556.51		85.97
26 31 00 00-0036	EA	240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	2,819.87		85.97
26 31 00 00-0037	EA	240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	3,346.46		107.46
26 31 00 00-0038	EA	208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	4,078.96		128.96
26 31 00 00-0039	EA	240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	4,112.48		128.96
26 31 00 00-0040	EA	240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	4,335.61		128.96
26 31 00 00-0041	EA	208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75KW).....	54,274.64		687.75
26 31 00 00-0042	EA	480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75KW).....	48,498.30		687.75
26 31 00 00-0043	EA	208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	60,717.49		687.75
26 31 00 00-0044	EA	480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	54,685.07		687.75
26 31 00 00-0045		Solectria Photovoltaic Inverters <small>(26 31 00 00-0016)</small>			
26 31 00 00-0046	EA	208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI).....	8,099.79		171.94
26 31 00 00-0047	EA	208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI).....	8,099.79		171.94
26 31 00 00-0048	EA	208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI).....	8,334.03		171.94
26 31 00 00-0049	EA	480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI).....	8,334.03		171.94
26 31 00 00-0050	EA	208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	25,366.47		515.81
26 31 00 00-0051	EA	480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	24,195.28		515.81
26 31 00 00-0052	EA	208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	27,708.86		515.81
26 31 00 00-0053	EA	480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	27,058.20		515.81
26 31 00 00-0054	EA	208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	29,400.59		515.81
26 31 00 00-0055	EA	480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	28,099.26		515.81
26 31 00 00-0056	EA	208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	31,045.79		687.75
26 31 00 00-0057	EA	480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	29,614.33		687.75
26 31 00 00-0058	EA	208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	32,216.98		687.75
26 31 00 00-0059	EA	480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	30,525.26		687.75
26 31 00 00-0060		Xantrex Photovoltaic Inverters <small>(26 31 00 00-0016)</small>			
26 31 00 00-0061	EA	0.6 KW Photovoltaic Inverter (Xantrex 806-1206).....	346.12		21.50
26 31 00 00-0062	EA	1 KW Photovoltaic Inverter (Xantrex 806-1210).....	376.23		21.50
26 31 00 00-0063	EA	2 KW Photovoltaic Inverter (Xantrex 806-1220).....	597.51		21.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0064			Photovoltaic DC-DC Converters <small>(26 31)</small>		
26 31 00 00-0065	EA		15 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) 214.15	214.15	32.24
			Note: Hazardous locations.		
26 31 00 00-0066	EA		20 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23) 148.67	148.67	32.24
26 31 00 00-0067	EA		60 Amp, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60) 382.53	382.53	32.24
26 31 00 00-0068			Photovoltaic Combiner Boxes <small>(26 31)</small>		
26 31 00 00-0069			Midnight Solar Photovoltaic Combiner Boxes <small>(26 31 00 00-0068)</small>		
26 31 00 00-0070	EA		3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3) 256.13	256.13	85.97
26 31 00 00-0071	EA		6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6) 274.84	274.84	85.97
26 31 00 00-0072	EA		12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12) 433.31	433.31	128.96
26 31 00 00-0073	EA		6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250) 443.83	443.83	128.96
26 31 00 00-0074	EA		16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16) 649.63	649.63	128.96
26 31 00 00-0075			SMA Photovoltaic Combiner Boxes <small>(26 31 00 00-0068)</small>		
26 31 00 00-0076	EA		6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6) 580.03	580.03	85.97
26 31 00 00-0077	EA		12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12) 739.05	739.05	85.97
26 31 00 00-0078	EA		28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28) 1,530.72	1,530.72	171.94
26 31 00 00-0079	EA		52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52) 2,421.73	2,421.73	171.94
26 31 00 00-0080	EA		4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch) 832.59	832.59	85.97
26 31 00 00-0081			Photovoltaic Charge Controller <small>(26 31)</small>		
26 31 00 00-0082	EA		35 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-35) 174.39	174.39	32.24
26 31 00 00-0083	EA		40 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-40) 227.01	227.01	32.24
26 31 00 00-0084	EA		60 Amp, 12 Or 24 Volt, Charge Controller (Xantrex C-60) 262.09	262.09	32.24
26 31 00 00-0085	EA		Remote Digital Meter For Xantrex C-35, 40 And 60 204.80	204.80	32.24
26 31 00 00-0086	EA		MPPT Charge Controller (Xantrex XW SCC) 672.90	672.90	42.98
26 31 00 00-0087			Photovoltaic Batteries <small>(26 31)</small>		
26 31 00 00-0088			Concorde Photovoltaic Batteries <small>(26 31 00 00-0087)</small>		
26 31 00 00-0089	EA		34 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T) 152.00	152.00	12.90
26 31 00 00-0090	EA		45 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T) 192.14	192.14	17.20
26 31 00 00-0091	EA		49 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T) 207.38	207.38	17.20
26 31 00 00-0092	EA		56 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T) 240.89	240.89	25.80
26 31 00 00-0093	EA		69 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T) 272.44	272.44	25.80
26 31 00 00-0094	EA		89 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T) 323.10	323.10	30.08
26 31 00 00-0095	EA		104 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T) 370.40	370.40	34.38
26 31 00 00-0096	EA		108 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T) 366.41	366.41	34.38
26 31 00 00-0097	EA		210 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T) 660.11	660.11	40.84
26 31 00 00-0098	EA		255 Amp Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T) 761.16	761.16	42.98
26 31 00 00-0099			Deka Photovoltaic Batteries <small>(26 31 00 00-0087)</small>		
26 31 00 00-0100	EA		31 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8GU1) 163.49	163.49	21.53
26 31 00 00-0101	EA		50 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G2NF) 220.78	220.78	21.53
26 31 00 00-0102	EA		74 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G24) 320.17	320.17	21.53
26 31 00 00-0103	EA		86 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G27) 364.61	364.61	21.53
26 31 00 00-0104	EA		98 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G31) 365.78	365.78	21.53
26 31 00 00-0105	EA		183 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G4D) 697.86	697.86	21.53
26 31 00 00-0106	EA		225 Amp Hours Capacity @ 20 Hour Lead Acid Battery (Deka BYDK8G8D) 805.43	805.43	21.53
26 31 00 00-0107			Battery Enclosures <small>(26 31 00 00-0087)</small>		
26 31 00 00-0108	EA		14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010) 183.30	183.30	21.50
26 31 00 00-0109	EA		22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC) 853.37	853.37	21.53
26 31 00 00-0110	EA		37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL) 803.09	803.09	21.53
26 31 00 00-0111	EA		37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC) 1,066.19	1,066.19	21.53
26 31 00 00-0112	EA		15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1) 481.54	481.54	21.53
26 31 00 00-0113	EA		31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP) 1,116.47	1,116.47	21.53
26 31 00 00-0114			Photovoltaic System Monitoring <small>(26 31)</small>		
26 31 00 00-0115	EA		Solar Inverter Monitor (Xantrex 864-0203) 385.54	385.54	42.98
26 31 00 00-0116	EA		Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox) 648.68	648.68	21.50
26 31 00 00-0117	EA		Sun Radiation And Temperature Monitor (SMA Sunny SensorBox) 624.12	624.12	21.50
26 31 00 00-0118	EA		PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA) 96.77	96.77	21.50
26 31 00 00-0119	EA		Wind Sensor Accessory For Sunny SensorBox (SMA) 226.29	226.29	42.98
26 31 00 00-0120	EA		Sunny Boy Control with RS485 (SMA) 860.32	860.32	21.50
26 31 00 00-0121	EA		RS 485 Module (SMA) 183.30	183.30	21.50
26 31 00 00-0122	EA		RS 232 Module (SMA) 183.30	183.30	21.50
26 31 00 00-0123	EA		Wireless Monitor with Bluetooth (SMA Sunny Beam) 421.56	421.56	
26 31 00 00-0124	EA		Bluetooth Piggy-Back Computer Card (SMA) 237.08	237.08	21.50
26 31 00 00-0125	EA		RS485-N Communication Computer Card (SMA) 168.10	168.10	21.50
26 31 00 00-0126	EA		Bluetooth Repeater (SMA) 659.20	659.20	21.50
26 31 00 00-0127	EA		Sunny Boy PC Service Cable (SMA) 226.88	226.88	6.44

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 31 Photovoltaic Collectors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0128	EA		Integrated Revenue Grade Meter, Option (PVPowered).....	2,999.25	
26 31 00 00-0129	EA		Data Monitoring Module (PVPowered PVM1010).....	321.27	21.50
26 31 00 00-0130	EA		Wireless IG Personal Display (Fronius 4,240,108).....	395.83	
26 31 00 00-0131	EA		DatCom Power Supply (Fronius 43,0001,2311).....	109.67	
26 31 00 00-0132	EA		Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	196.16	21.50
26 31 00 00-0133	EA		Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z).....	191.48	21.50
26 31 00 00-0134	EA		Datalogger Pro Box (Fronius 4,240,102).....	811.21	21.50
26 31 00 00-0135	EA		Datalogger Easy Box (Fronius 4,240,103).....	528.24	21.50
26 31 00 00-0136	EA		Datalogger Interface Box (Fronius 4,240,105).....	915.28	21.50
26 31 00 00-0137	EA		Datalogger Web (Fronius 4,240,122).....	1,449.65	21.50
26 31 00 00-0138	EA		Interface Box (Fronius 4,240,109).....	424.17	21.50
26 31 00 00-0139	EA		Interface Card (Fronius 4,240,009,Z).....	260.47	21.50
26 31 00 00-0140	EA		Interface Card Easy (Fronius 4,240,013,Z).....	235.91	21.50
26 31 00 00-0141	EA		Sensor Box (Fronius 4,240,104).....	811.21	21.50
26 31 00 00-0142	EA		Ambient Temperature Sensor (Fronius 43,0001,1188).....	97.94	21.50
26 31 00 00-0143	EA		Irradiance Sensor (Fronius 43,0001,1188).....	296.72	21.50
26 31 00 00-0144	EA		Module Temperature Sensor (Fronius 43,0001,1190).....	158.74	21.50
26 31 00 00-0145	EA		Wind Speed Sensor (Fronius 42,0411,0027).....	178.34	42.98
26 31 00 00-0146			Photovoltaic System Accessories <small>(26 31)</small>		
26 31 00 00-0147	EA		Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	520.05	42.98
26 31 00 00-0148	EA		Line Communication Filter (Enphase LCF).....	1,034.82	85.97
26 31 00 00-0149	EA		15 Meter RS 485 Communication Cable (SMA).....	128.66	6.44
26 31 00 00-0150	EA		15 Meter RS 232 Communication Cable (SMA).....	128.66	6.44
26 31 00 00-0151	EA		24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	21.64	2.12
26 31 00 00-0152	EA		36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	22.81	2.12
26 31 00 00-0153	EA		48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	23.98	2.12
26 31 00 00-0154	EA		72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	26.32	2.12
26 31 00 00-0155	EA		120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	29.83	2.12
26 31 00 00-0156	EA		240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	47.98	4.26
26 31 00 00-0157	EA		360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	64.35	4.26
26 31 00 00-0158	EA		420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	77.80	6.38
26 31 00 00-0159	EA		36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	26.90	2.12
26 31 00 00-0160	EA		120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	36.84	2.12
26 31 00 00-0161	EA		240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	54.99	4.26
26 31 00 00-0162	EA		360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	72.53	4.26
26 31 00 00-0163	EA		600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	118.76	8.51
26 31 00 00-0164	EA		1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	181.32	8.51
26 31 00 00-0165	EA		Lighting Kit, 9W Fluorescent, 12 V 4.5 Amp Hour Battery.....	2,110.24	232.12
			Note: Tamper proof enclosure.		
26 31 00 00-0166			Photovoltaic Mounting Systems <small>(26 31)</small>		
26 31 00 00-0167	LF		Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	8.11	2.14
26 31 00 00-0168	EA		Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229).....	25.36	10.74
26 31 00 00-0169	EA		Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216).....	30.83	10.74
26 31 00 00-0170	EA		8" x 3/8" Hanger Bolt (UNIRAC 310046).....	15.64	4.30
			Note: Supports mounting rail above tile or metal roof.		
26 31 00 00-0171	EA		Mounting Rail Grounding Clip (UNIRAC 980006).....	7.97	3.23
			Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.		
26 31 00 00-0172	EA		Mounting Rail Grounding Lugs (UNIRAC 980012).....	15.90	4.30
			Note: Two grounding lugs for each rail splice and one additional lug for each rail.		
26 31 00 00-0173	EA		Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002).....	4.32	1.43
			Note: Four for each row of modules you plan to mount.		
26 31 00 00-0174	EA		Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	4.49	1.43
			Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.		
26 31 00 00-0175	EA		Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	11.64	4.30
26 31 00 00-0176	EA		12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	67.86	21.50
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0177	EA		30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	73.76	21.50
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0178	EA		44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	78.99	21.50
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0179	EA		12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	99.84	32.24
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0180	EA		44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	118.17	32.24
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0181	EA		72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	135.20	32.24
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0182	EA		18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111).....	152.11	42.98
			Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0183	EA		64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112).....	196.63	42.98
			Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0184	EA		104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110).....	277.60	64.48
			Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0185 EA Ballasted Photovoltaic Module Frame (UNIRAC 310351) 132.58	132.58	
Note: Excludes ballast.		
26 31 00 00-0186 EA Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355)..... 243.66	243.66	
Note: Excludes ballast.		
26 31 00 00-0187 EA 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051)..... 55.20	55.20	21.50
26 31 00 00-0188 EA 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052)..... 55.75	55.75	21.50
26 31 00 00-0189 EA 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053)..... 56.29	56.29	21.50
26 31 00 00-0190 EA 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054)..... 57.60	57.60	21.50
26 31 00 00-0191 EA 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553)..... 51.77	51.77	21.50
26 31 00 00-0192 EA 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554)..... 52.42	52.42	21.50
26 31 00 00-0193 EA 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555)..... 53.78	53.78	21.50
26 31 00 00-0194 EA 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556)..... 54.55	54.55	21.50
26 31 00 00-0195 EA 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390) 94.11	94.11	32.24
26 31 00 00-0196 EA 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391) 94.44	94.44	32.24
26 31 00 00-0197 EA 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394) 95.22	95.22	32.24
26 31 00 00-0198 EA Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370) 100.49	100.49	32.24
26 31 00 00-0199 EA Photovoltaic Module Standoff Flashing (UNIRAC 990103)..... 19.40	19.40	4.30
26 31 00 00-0200 EA Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161)..... 13.20	13.20	4.30
26 31 00 00-0201 EA 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100)..... 26.79	26.79	6.44
26 31 00 00-0202 EA 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100) 28.10	28.10	6.44
26 31 00 00-0203 EA Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100)..... 6.80	6.80	1.43
Note: Mid or end clamp.		
26 31 00 00-0204 EA Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024) 29.83	29.83	4.30
26 31 00 00-0205 EA Photovoltaic Module Wire Clip (UNIRAC 908002S-0100) 1.79	1.79	

26 32 Packaged Generator Assemblies (26 30)

26 32 13 Engine Generators (26 32)

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)

26 32 13 13-0001 Diesel Generator Sets (26 32 13 13)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0631 for loadbank rental, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002 EA 25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA)..... 16,640.51	16,640.51	737.60
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0003 EA 35 KW Diesel Generator Set, 3 Phase (Cummins DSFAA) 21,017.44	21,017.44	908.17
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0004 EA 40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB) 21,672.71	21,672.71	995.76
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0005 EA 50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC) 23,298.12	23,298.12	1,143.28
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0006 EA 60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD) 24,936.12	24,936.12	1,313.84
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0007 EA 80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE) 27,832.51	27,832.51	1,539.73
For Weather Resistant Steel Diesel Generator Enclosure, Add	3,100.98	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	9,729.60	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	7,895.64	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	15,270.58	
26 32 13 13-0008 EA 100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA)..... 32,492.91	32,492.91	1,788.68
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
26 32 13 13-0009 EA 125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB)..... 33,708.80	33,708.80	2,120.59
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
26 32 13 13-0010 EA 150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC) 37,162.18	37,162.18	2,337.27
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	
26 32 13 13-0011 EA 175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB)..... 43,042.96	43,042.96	2,609.25
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,703.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	14,875.73	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	10,130.24	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	16,238.18	

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0012	EA		200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	46,036.81 4,703.53 14,875.73 10,130.24 16,238.18	2,858.20
26 32 13 13-0013	EA		230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	51,580.46 4,703.53 14,875.73 10,130.24 16,238.18	3,019.55
26 32 13 13-0014	EA		250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	53,896.60 30,503.55 45,035.05 36,996.23 55,049.57	3,144.02
26 32 13 13-0015	EA		275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	58,733.21 30,503.55 45,035.05 36,996.23 55,049.57	3,314.59
26 32 13 13-0016	EA		300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	59,941.82 30,503.55 45,035.05 36,996.23 55,049.57	3,462.10
26 32 13 13-0017	EA		350 KW Diesel Generator Set, 3 Phase (Cummins DFEG)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	68,122.73 30,503.55 45,035.05 36,996.23 55,049.57	3,872.39
26 32 13 13-0018	EA		400 KW Diesel Generator Set, 3 Phase (Cummins DFEH)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	73,689.64 30,503.55 45,035.05 36,996.23 55,049.57	4,241.19
26 32 13 13-0019	EA		450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	83,612.70 30,503.55 45,035.05 36,996.23 55,049.57	4,568.50
26 32 13 13-0020	EA		500 KW Diesel Generator Set, 3 Phase (Cummins DFEK)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	88,273.38 30,503.55 45,035.05 36,996.23 55,049.57	4,868.16
26 32 13 13-0021	EA		600 KW Diesel Generator Set, 3 Phase (Cummins DQCA)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	128,532.50 62,313.16 100,052.80 73,292.41 116,560.00	5,361.42
26 32 13 13-0022	EA		750 KW Diesel Generator Set, 3 Phase (Cummins DQCB)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	147,119.23 62,313.16 100,052.80 73,292.41 116,560.00	5,896.18
26 32 13 13-0023	EA		800 KW Diesel Generator Set, 3 Phase (Cummins DQCC)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	153,595.33 62,313.16 100,052.80 73,292.41 116,560.00	6,025.26
26 32 13 13-0024	EA		900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	187,156.29 62,313.16 100,052.80 73,292.41 116,560.00	6,495.48
26 32 13 13-0025	EA		1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD)..... For Weather Resistant Steel Diesel Generator Enclosure, Add For Quietsite Level 2 Steel Diesel Generator Enclosure, Add For Weather Resistant Aluminum Diesel Generator Enclosure, Add For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	208,598.12 62,313.16 100,052.80 73,292.41 116,560.00	6,914.99

26 32 13 19 Natural Gas-Engine-Driven Generator Sets (26 32 13)**26 32 13 19-0001 Natural Gas Or Propane Generator Sets (26 32 13 19)**

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad. Includes manufacturer's representative at startup. Excludes fuel tank, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0631 for loadbank rental, 26 36 23 00-0000 for automatic transfer switches.

26 32 13 19-0002	EA		20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	13,252.89 2,820.39 9,729.60 3,054.69 5,068.02	617.74
26 32 13 19-0003	EA		25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB)..... For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	14,980.10 2,820.39 9,729.60 3,054.69 5,068.02	737.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0004	EA		29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	16,032.13 2,820.39 9,729.60 3,054.69 5,068.02	820.58
26 32 13 19-0005	EA		35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	17,461.39 2,820.39 9,729.60 8,640.50 14,502.56	908.17
26 32 13 19-0006	EA		40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	17,984.68 2,820.39 9,729.60 8,640.50 14,502.56	995.76
26 32 13 19-0007	EA		45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	18,552.30 2,820.39 9,729.60 8,640.50 14,502.56	1,074.13
26 32 13 19-0008	EA		60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	20,169.24 2,820.39 9,729.60 8,640.50 14,502.56	1,313.84
26 32 13 19-0009	EA		70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	21,458.15 2,820.39 9,729.60 8,640.50 14,502.56	1,470.59
26 32 13 19-0010	EA		85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	25,712.94 5,140.33 14,875.73 10,130.24 14,502.56	1,572.00
26 32 13 19-0011	EA		100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	27,907.87 5,140.33 14,875.73 10,130.24 14,502.56	1,770.23
26 32 13 19-0012	EA		125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGIA) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	34,989.03 5,140.33 14,875.73 10,130.24 14,502.56	2,120.59
26 32 13 19-0013	EA		150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB) For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	39,862.25 5,140.33 14,875.73 10,130.24 14,502.56	2,337.27
26 32 13 19-0014	EA		175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	96,517.34 27,431.50 40,487.72 29,992.98 45,007.56	6,216.95
26 32 13 19-0015	EA		205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	102,833.14 27,431.50 40,487.72 29,992.98 45,007.56	2,807.48
26 32 13 19-0016	EA		250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	104,117.72 27,431.50 40,487.72 29,992.98 45,007.56	3,144.02
26 32 13 19-0017	EA		300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	143,216.72 27,431.50 40,487.72 29,992.98 45,007.56	3,462.10
26 32 13 19-0018	EA		350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	144,648.23 27,431.50 40,487.72 29,992.98 45,007.56	3,872.39
26 32 13 19-0019	EA		450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	203,405.64 59,897.74 84,854.54 68,033.47 96,154.89	4,568.50
26 32 13 19-0020	EA		500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	276,874.14 59,897.74 84,854.54 68,033.47 96,154.89	4,868.16
26 32 13 19-0021	EA		550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	291,347.15 59,897.74 84,854.54 68,033.47 96,154.89	5,130.93

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 32 13 19-0022	EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	331,956.83 59,897.74 84,854.54 68,033.47 96,154.89	5,361.42
26 32 13 19-0023	EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	347,107.48 59,897.74 84,854.54 68,033.47 96,154.89	5,564.26
26 32 13 19-0024	EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC) For Weather Resistant Steel Natural Gas Generator Enclosure, Add For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	367,134.95 59,897.74 84,854.54 68,033.47 96,154.89	5,946.89
26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets (26 32 13 19)			
26 32 13 19-0026	EA 7.5 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.	3,255.62	397.50
26 32 13 19-0027	EA 10 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	4,094.22	441.66
26 32 13 19-0028	EA 14 KW Natural Gas Or Propane Air Cooled Generator Set Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.	4,680.80	467.38
26 32 13 26 AC To DC Electrical Conversion (26 32 13)			
26 32 13 26-0001 60 Hz AC Input 230 Or 460 Volts, 125 Volt DC Output (26 32 13 26)			
26 32 13 26-0002	EA 3 KW, 24 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	4,997.18	171.94
26 32 13 26-0003	EA 5 KW, 40 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	6,067.56	171.94
26 32 13 26-0004	EA 7.5 KW, 60 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,009.03	171.94
26 32 13 26-0005	EA 10 KW, 80 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,071.33	171.94
26 32 13 26-0006	EA 15 KW, 120 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,972.04	214.92
26 32 13 26-0007	EA 20 KW, 160 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,707.49	214.92
26 32 13 26-0008	EA 25 KW, 200 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,159.75	214.92
26 32 13 26-0009	EA 40 KW, 320 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,384.68	283.70
26 32 13 26-0010	EA 50 KW, 400 Amp, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,748.14	283.70
26 32 13 26-0011 60 Hz AC Input, 230 Or 460 Volts, 250 Volts DC Output (26 32 13 26)			
26 32 13 26-0012	EA 3 KW, 12 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	5,772.08	171.94
26 32 13 26-0013	EA 5 KW, 20 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	6,865.94	171.94
26 32 13 26-0014	EA 7.5 KW, 30 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	7,840.43	171.94
26 32 13 26-0015	EA 10 KW, 40 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	8,055.52	171.94
26 32 13 26-0016	EA 15 KW, 60 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	9,134.77	214.92
26 32 13 26-0017	EA 20 KW, 80 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,035.06	214.92
26 32 13 26-0018	EA 25 KW, 100 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	10,362.63	214.92
26 32 13 26-0019	EA 40 KW, 160 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	12,336.08	283.70
26 32 13 26-0020	EA 50 KW, 200 Amp, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion	13,077.86	283.70
26 32 29 Rotary Converters (26 32)			
26 32 29 00-0001 460 Volt 3 Phase AC Motor Drive 250 Volt DC (26 32 29)			
26 32 29 00-0002	EA 33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	15,816.89	3,226.99
26 32 29 00-0003	EA 40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	17,670.74	3,226.99
26 32 29 00-0004	EA 50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	20,164.71	4,610.00
26 32 29 00-0005	EA 65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	23,372.25	4,610.00
26 32 29 00-0006	EA 85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	26,398.62	4,610.00
26 32 29 00-0007	EA 100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	31,193.61	6,914.99
26 32 29 00-0008	EA 125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	38,041.49	6,914.99
26 32 29 00-0009 4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC (26 32 29)			
26 32 29 00-0010	EA 170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	54,234.97	9,219.98
26 32 29 00-0011	EA 200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	59,153.20	9,219.98
26 32 29 00-0012	EA 240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	71,088.31	11,985.98
26 32 29 00-0013	EA 320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	80,911.55	14,567.58
26 32 29 00-0014	EA 400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	95,575.25	14,567.58
26 32 29 00-0015	EA 560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	135,205.99	21,759.17
26 32 29 00-0016	EA 640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	140,410.15	21,759.17
26 32 29 00-0017	EA 800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	161,316.07	25,354.96
26 33 Battery Equipment (26 30)			
26 33 13 Batteries (26 33)			
26 33 13 00-0001 Standby Batteries (26 33 13)			
26 33 13 00-0002	EA 12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	612.21	21.53
26 33 13 00-0003	EA 12 Volt, 100 Amp Hours To 10.5 Volts Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	660.44	21.53
26 33 13 00-0004	EA 725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	201.19	21.53
26 33 13 00-0005	EA 810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	183.79	21.53
26 33 13 00-0006	EA 1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	307.81	21.53

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

26 33 13 00-0007	EA	1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	355.87	21.53
------------------	----	---	--------	-------

26 33 43 Battery Chargers ^(26 33)

26 33 43 00-0001 Solid State Chargers, Single Phase ^(26 33 43)				
Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.				
26 33 43 00-0002	EA	Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt.....	1,956.93	491.22
26 33 43 00-0003	EA	Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt.....	2,263.59	491.22
26 33 43 00-0004	EA	Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt.....	2,488.28	491.22
26 33 43 00-0005	EA	Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt.....	2,643.16	581.60

26 33 53 Static Uninterruptible Power Supply ^(26 33)

26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS) ^(26 33 53)				
26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS) ^(26 33 53 00-0001)				
26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) ^(26 33 53 00-0002)				
Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0004	EA	0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120)	780.20	85.11
Note: Includes 12 minutes of battery backup at full load.				
26 33 53 00-0005	EA	0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120)	931.42	99.29
Note: Includes 6 minutes of battery backup at full load.				
26 33 53 00-0006	EA	1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120)	1,146.09	113.47
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0007	EA	1.5 KVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120).....	1,397.62	127.67
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0008	EA	2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120)	1,788.55	141.85
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0009	EA	3 KVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120)	2,953.61	198.59
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) ^(26 33 53 00-0002)				
Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0011	EA	3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208)	2,901.51	198.59
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) ^(26 33 53 00-0002)				
Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0013	EA	5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208)	4,335.35	226.96
Note: Includes 5 minutes of battery backup at full load.				
26 33 53 00-0014	EA	6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208)	4,742.63	255.33
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0015	EA	8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208)	7,076.13	312.07
Note: Includes 7 minutes of battery backup at full load.				
26 33 53 00-0016	EA	10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208)	8,130.04	340.43
Note: Includes 4-1/2 minutes of battery backup at full load.				
26 33 53 00-0017 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) ^(26 33 53 00-0002)				
Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.				
26 33 53 00-0018	EA	0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230)	931.42	99.29
Note: Includes 11 minutes of battery backup at full load.				
26 33 53 00-0019	EA	1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230)	1,146.09	113.47
Note: Includes 6 minutes of battery backup at full load.				
26 33 53 00-0020	EA	1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230).....	1,413.01	127.67
Note: Includes 4 minutes of battery backup at full load.				
26 33 53 00-0021	EA	2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230)	1,792.26	141.85
Note: Includes 4 minutes of battery backup at full load.				

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 33 Battery Equipment**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0022	EA		3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230).....	2,965.18	198.59
			Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0023	EA		5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230).....	4,161.36	226.96
			Note: Includes 9 minutes of battery backup at full load.		
26 33 53 00-0024	EA		6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230).....	5,104.37	255.33
			Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0025	EA		10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230).....	7,881.32	340.43
			Note: Includes 3 minutes of battery backup at full load.		
26 33 53 00-0026 Optional Accessories For Single Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0001)</small>					
26 33 53 00-0027	EA		External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT).....	508.75	25.80
			Note: Rack mount or tower configuration.		
26 33 53 00-0028	EA		External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT).....	665.26	25.80
			Note: Rack mount or tower configuration.		
26 33 53 00-0029	EA		External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT).....	647.84	25.80
			Note: Rack mount or tower configuration.		
26 33 53 00-0030	EA		External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT).....	441.33	25.80
			Note: Rack mount or tower configuration.		
26 33 53 00-0031	EA		Replacement Internal Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT).....	665.73	85.11
26 33 53 00-0032	EA		Replacement Internal Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT).....	751.70	113.47
26 33 53 00-0033 Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53)</small>					
26 33 53 00-0034 Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53 00-0033)</small>					
26 33 53 00-0035 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0034)</small>					
			Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0036	EA		30 kVA, 24 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA030A0A6E).....	20,832.37	737.62
			<i>For 208/208 Volt AC, Add</i>	795.73	
			<i>For MBC 2-Breaker, Add</i>	4,056.74	
			<i>For 34 Minute Battery, Add</i>	10,285.53	
26 33 53 00-0037	EA		40 kVA, 32 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA040A0A6E).....	24,833.08	907.84
			<i>For 208/208 Volt AC, Add</i>	888.26	
			<i>For MBC 2-Breaker, Add</i>	4,551.96	
			<i>For 23 Minute Battery, Add</i>	11,092.09	
			<i>For 37 Minute Battery, Add</i>	12,664.49	
26 33 53 00-0038	EA		50 kVA, 40 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA050A0A6E).....	27,433.73	1,134.80
			<i>For 208/208 Volt AC, Add</i>	1,003.24	
			<i>For MBC 2-Breaker, Add</i>	4,551.96	
			<i>For 18 Minute Battery, Add</i>	10,457.47	
			<i>For 28 Minute Battery, Add</i>	12,802.03	
			<i>For 35 Minute Battery, Add</i>	13,566.73	
26 33 53 00-0039	EA		65 kVA, 52 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA065A0A6E).....	31,223.52	1,418.49
			<i>For 208/208 Volt AC, Add</i>	1,161.62	
			<i>For MBC 2-Breaker, Add</i>	5,573.39	
			<i>For 12 Minute Battery, Add</i>	11,512.37	
			<i>For 19 Minute Battery, Add</i>	13,142.65	
			<i>For 25 Minute Battery, Add</i>	13,899.19	
			<i>For 30 Minute Battery, Add</i>	18,484.83	
26 33 53 00-0040	EA		80 kVA, 64 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA080A0A6E).....	33,313.02	1,702.19
			<i>For 208/208 Volt AC, Add</i>	1,161.62	
			<i>For MBC 3-Breaker, Add</i>	5,573.39	
			<i>For 15 Minute Battery, Add</i>	13,271.61	
			<i>For 19 Minute Battery, Add</i>	15,158.48	
			<i>For 33 Minute Battery, Add</i>	24,675.34	
26 33 53 00-0041	EA		100 kVA, 80 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA100A0A6E).....	36,049.66	1,985.89
			<i>For 208/208 Volt AC, Add</i>	1,298.62	
			<i>For MBC 3-Breaker, Add</i>	6,009.58	
			<i>For 11 Minute Battery, Add</i>	14,066.37	
			<i>For 17 Minute Battery, Add</i>	21,055.56	
			<i>For 25 Minute Battery, Add</i>	25,526.89	
			<i>For 35 Minute Battery, Add</i>	28,726.56	
26 33 53 00-0042	EA		130 kVA, 104 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Npower™ 37SA130A0A6E).....	39,369.60	2,269.60
			<i>For 208/208 Volt AC, Add</i>	1,366.18	
			<i>For MBC 3-Breaker, Add</i>	6,532.17	
			<i>For 11 Minute Battery, Add</i>	19,514.63	
			<i>For 17 Minute Battery, Add</i>	23,434.86	
			<i>For 25 Minute Battery, Add</i>	31,216.88	
			<i>For 30 Minute Battery, Add</i>	37,653.73	

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

26 33 53 00-0043	EA	225 kVA, 180 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA229AAAK).....	49,827.27	2,553.29
		For Customer Alarm Interface, Add	393.61	
		For Alarm Status Contacts, Add	474.19	
		For Maintenance Bypass Interface, Add	554.77	
		For Communication Interface, Add	619.86	
		For Flush Mount Remote Status Panel, Add	781.03	
		For SNMP, Add	976.29	
		For Load Bus Sync Board, Add	1,456.68	
		For Input Filter with Disconnect, Add	1,907.94	
		For Isolation Transformer, Add	6,260.63	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	6,972.86	
		For Load Bus Sync Control Panel With Start Up, Add	7,000.13	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	7,530.73	
		For VRLA 12 Minute Battery, Add	33,235.55	
		For VRLA 14 Minute Battery, Add	35,780.72	
		For VRLA 22 Minute Battery, Add	44,863.04	
		For VRLA 37 Minute Battery, Add	66,752.95	
26 33 53 00-0044	EA	300 kVA, 240 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA300AAAA).....	63,931.62	2,836.99
		For Customer Alarm Interface, Add	393.61	
		For Alarm Status Contacts, Add	474.19	
		For Maintenance Bypass Interface, Add	554.77	
		For Communication Interface, Add	619.86	
		For Flush Mount Remote Status Panel, Add	781.03	
		For SNMP, Add	976.29	
		For Load Bus Sync Board, Add	1,456.68	
		For Input Filter with Disconnect, Add	2,083.36	
		For Load Bus Sync Control Panel With Start Up, Add	7,000.13	
		For Isolation Transformer, Add	7,351.60	
		For Two Breaker Matching Maintenance Bypass Cabinet, Add	8,410.94	
		For Three Breaker Matching Maintenance Bypass Cabinet, Add	9,628.97	
		For VRLA 14 Minute Battery, Add	44,914.62	
		For VRLA 17 Minute Battery, Add	53,340.10	
		For VRLA 26 Minute Battery, Add	66,813.13	
26 33 53 00-0045	EA	500 kVA, 400 KW, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® Series 610, U39SA500AAAA).....	100,399.72	3,404.38
		For Customer Alarm Interface, Add	501.09	
		For Alarm Status Contacts, Add	603.67	
		For Maintenance Bypass Interface, Add	706.25	
		For Communication Interface, Add	789.11	
		For Flush Mount Remote Status Panel, Add	994.29	
		For SNMP, Add	1,242.86	
		For Load Bus Sync Board, Add	1,854.42	
		For Input Filter with Disconnect, Add	5,900.12	
		For Two Breaker Maintenance Bypass Switchboard, Add	8,199.69	
		For Load Bus Sync Control Panel With Start Up, Add	8,965.92	
		For 12 Pulse With Isolation Transformer, Add	11,178.39	
		For Three Breaker Maintenance Bypass Switchboard, Add	12,468.80	
		For VRLA 12 Minute Battery, Add	72,084.48	

26 33 53 00-0046 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems (26 33 53 00-0033)

26 33 53 00-0047	EA	Programmable Relay Board For Liebert® Npower™ Uninterruptible Power Supply Systems.....	456.65	42.98
26 33 53 00-0048	EA	Network Interface Card For Liebert® Npower™ Uninterruptible Power Supply Systems.....	731.24	42.98
26 33 53 00-0049	EA	Remote Status Panel With 100' Of Cable For Liebert® Npower™ Uninterruptible Power Supply Systems.....	1,416.51	85.97
26 33 53 00-0050	EA	Slim Line Distribution Panel With Two 42 Pole Panels For Liebert® Npower™ Uninterruptible Power Supply Systems.....	4,430.20	343.88
26 33 53 00-0051	EA	Replacement 12 Volt, 3 Phase, 134 Amp Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR).....	323.34	42.98
26 33 53 00-0052	EA	Replacement 12 Volt, 204 Watts, 3 Phase, 55 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200).....	179.19	42.98
26 33 53 00-0053	EA	Replacement 12 Volt, 257 Watts, 3 Phase, 65 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250).....	200.23	42.98
26 33 53 00-0054	EA	Replacement 12 Volt, 311 Watts, 3 Phase, 75 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300).....	221.26	42.98
26 33 53 00-0055	EA	Replacement 12 Volt, 374 Watts, 3 Phase, 90 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350).....	259.12	42.98
26 33 53 00-0056	EA	Replacement 12 Volt, 415 Watts, 3 Phase, 100 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400).....	271.74	42.98
26 33 53 00-0057	EA	Replacement 12 Volt, 493 Watts, 3 Phase, 135 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500).....	336.95	42.98
26 33 53 00-0058	EA	Replacement 12 Volt, 540 Watts, 3 Phase, 150 Amp Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540).....	352.72	42.98

26 33 53 00-0059 Other Uninterruptable Power Supply Equipment (26 33 53)

26 33 53 00-0060	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In.....	3,151.95	78.59
26 33 53 00-0061	EA	Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In.....	3,825.48	157.19
26 33 53 00-0062	EA	GE Plug-In Breakers 1 Pole 15- 60A For UPS Distribution Panel.....	18.72	4.71
26 33 53 00-0063	EA	GE Plug-In Breakers 2 Pole 15- 40A For UPS Distribution Panel.....	32.44	5.89
26 33 53 00-0064	EA	GE Plug-In Breakers 2 Pole 50- 80A For UPS Distribution Panel.....	58.26	5.89
26 33 53 00-0065	EA	GE Plug-In Breakers 3 Pole 15- 60A For UPS Distribution Panel.....	84.91	7.86
26 33 53 00-0066	EA	GE Plug-In Breakers 3 Pole 70- 100A For UPS Distribution Panel.....	118.99	7.86
26 33 53 00-0067	EA	Uninterrupted Power Supply Remote Status Panel.....	2,170.91	78.59
26 33 53 00-0068	EA	Uninterrupted Power Supply Remote Contact Board.....	737.49	58.95

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 35 Power Filters And Conditioners**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 35 Power Filters And Conditioners (26 30)**26 35 33 Power Factor Correction Equipment** (26 35)**26 35 33 00-0001 Power Factor Correction Capacitors** (26 35 33)

26 35 33 00-0002	EA	Power Factor Correction Capacitors, 2.0 KVAC	364.83	
26 35 33 00-0003	EA	Power Factor Correction Capacitors, 3.0 KVAC	404.06	
26 35 33 00-0004	EA	Power Factor Correction Capacitors, 4.0 KVAC	443.29	
26 35 33 00-0005	EA	Power Factor Correction Capacitors, 5.0 KVAC	480.95	
26 35 33 00-0006	EA	Power Factor Correction Capacitors, 7.5 KVAC	590.79	
26 35 33 00-0007	EA	Power Factor Correction Capacitors, 10.0 KVAC	721.81	
26 35 33 00-0008	EA	Power Factor Correction Capacitors, 15.0 KVAC	1,114.88	
26 35 33 00-0009	EA	Power Factor Correction Capacitors, 20.0 KVAC	1,354.18	
26 35 33 00-0010	EA	Power Factor Correction Capacitors, 25.0 KVAC	1,749.61	
26 35 33 00-0011	EA	Power Factor Correction Capacitors, 30.0 KVAC	1,989.69	
26 35 33 00-0012	EA	Power Factor Correction Capacitors, 50.0 KVAC	3,491.37	
26 35 33 00-0013	EA	Power Factor Correction Capacitors, 75.0 KVAC	5,249.60	
26 35 33 00-0014	EA	Power Factor Correction Capacitors, 100.0 KVAC	7,000.00	
26 35 33 00-0015	EA	Power Factor Correction Capacitors, Fuse Kit.....	324.81	

26 35 43 Static-Frequency Converters (26 35)**26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure** (26 35 43)

26 35 43 00-0002	EA	750W Output Rotary Phase Converter With NEMA 1 Enclosure	404.65	85.97
26 35 43 00-0003	EA	2KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	687.58	103.16
26 35 43 00-0004	EA	3KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	790.72	137.55
26 35 43 00-0005	EA	5KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,080.19	171.94
26 35 43 00-0006	EA	7KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,480.35	223.52
26 35 43 00-0007	EA	11KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,905.27	275.10
26 35 43 00-0008	EA	15KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	2,379.68	326.68
26 35 43 00-0009	EA	21KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	2,886.40	369.67
26 35 43 00-0010	EA	29KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,362.89	447.04
26 35 43 00-0011	EA	36KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,845.90	502.93
26 35 43 00-0012	EA	44KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	4,328.91	558.81
26 35 43 00-0013	EA	55KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,365.40	674.86
26 35 43 00-0014	EA	74KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	6,939.89	812.41
26 35 43 00-0015	EA	87KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	8,777.35	988.65
26 35 43 00-0016	EA	110KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	10,053.13	1,156.28
26 35 43 00-0017	EA	125KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	12,844.15	1,289.54
26 35 43 00-0018	EA	165KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	19,375.54	1,461.48
26 35 43 00-0019	EA	220KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	28,629.42	1,633.41

26 35 53 Voltage Regulators (26 35)**26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase** (26 35 53)

Note: For diesel motor generator sets mounted in switchgear cabinet.

26 35 53 00-0002	EA	50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	4,415.12	1,366.91
26 35 53 00-0003	EA	75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,126.45	1,719.39
26 35 53 00-0004	EA	100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear	5,781.45	2,046.07

26 36 Transfer Switches (26 30)**26 36 13 Manual Transfer Switches** (26 36)**26 36 13 00-0001 Fused Manual Transfer Switches** (26 36 13)

26 36 13 00-0002	EA	30 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,063.07	150.44
26 36 13 00-0003	EA	60 Amp Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,234.94	186.89

26 36 23 Automatic Transfer Switches (26 36)**26 36 23 00-0001 Automatic Transfer Switch** (26 36 23)**26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure** (26 36 23)

00-0001)

Note: Programmable, 120/240 volt single phase, 3 wire.

26 36 23 00-0003	EA	100 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	1,849.17	309.17
26 36 23 00-0004	EA	225 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	2,507.47	397.50
26 36 23 00-0005	EA	400 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	3,949.80	529.99
26 36 23 00-0006	EA	600 Amp, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire.....	8,817.09	662.50

26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23)

00-0001)

26 36 23 00-0008	EA	40 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40).....	2,949.16	220.84
		For NEMA 3R Enclosure, Add	614.71	
		For NEMA 4 Enclosure, Add	650.86	
		For NEMA 12 Enclosure, Add	650.86	
26 36 23 00-0009	EA	70 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70).....	3,408.10	265.00
		For NEMA 3R Enclosure, Add	614.71	
		For NEMA 4 Enclosure, Add	650.86	
		For NEMA 12 Enclosure, Add	650.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0010 EA 125 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	3,752.37 614.71 650.86 650.86	309.17
26 36 23 00-0011 EA 150 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	4,459.29 723.18 940.13 650.86	353.33
26 36 23 00-0012 EA 225 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	5,089.96 723.18 940.13 650.86	397.50
26 36 23 00-0013 EA 260 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	5,617.87 723.18 940.13 650.86	441.66
26 36 23 00-0014 EA 300 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	5,877.93 853.35 1,012.45 723.18	485.83
26 36 23 00-0015 EA 400 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	6,641.20 853.35 1,012.45 723.18	529.99
26 36 23 00-0016 EA 600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	9,080.86 853.35 1,012.45 723.18	662.50
26 36 23 00-0017 EA 800 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	10,200.47 1,048.60 1,157.09 1,012.45	795.00
26 36 23 00-0018 EA 1,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	13,206.81 1,048.60 1,157.09 1,012.45	1,060.00
26 36 23 00-0019 EA 1,200 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	17,090.92 2,314.17 1,301.72 1,084.77	1,148.33
26 36 23 00-0020 EA 1,600 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	18,243.19 3,760.52 4,628.33 3,760.52	1,325.00
26 36 23 00-0021 EA 2,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	20,855.92 3,760.52 4,628.33 3,760.52	1,501.66
26 36 23 00-0022 EA 3,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000) <i>For NEMA 3R Enclosure, Add</i>	25,197.68 3,760.52	1,854.99
26 36 23 00-0023 EA 4,000 Amp Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000) <i>For NEMA 3R Enclosure, Add</i>	43,515.79 17,674.42	2,208.33
26 36 23 00-0024 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small>		
26 36 23 00-0025 EA 150 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	14,850.44 1,265.57 1,301.72 687.03	1,678.32
26 36 23 00-0026 EA 225 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	15,505.92 1,265.57 1,301.72 687.03	1,766.66
26 36 23 00-0027 EA 260 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	16,255.47 1,265.57 1,301.72 687.03	1,854.99
26 36 23 00-0028 EA 300 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	18,099.95 1,265.57 1,301.72 687.03	1,899.16
26 36 23 00-0029 EA 400 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	20,827.79 1,265.57 1,301.72 687.03	1,943.33
26 36 23 00-0030 EA 600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	24,932.61 1,265.57 1,301.72 723.18	2,031.66
26 36 23 00-0031 EA 800 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	27,455.98 1,301.72 1,301.72 795.50	2,120.00
26 36 23 00-0032 EA 1,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000) <i>For NEMA 3R Enclosure, Add</i> <i>For NEMA 4 Enclosure, Add</i> <i>For NEMA 12 Enclosure, Add</i>	34,450.95 1,301.72 1,301.72 795.50	2,473.33

26 Electrical**26 30 Facility Electrical Power Generating And Storing Equipment****26 36 Transfer Switches**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0033	EA		1,200 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	44,798.33	2,649.99
			<i>For NEMA 3R Enclosure, Add</i>	5,785.41	
			<i>For NEMA 4 Enclosure, Add</i>	7,231.76	
			<i>For NEMA 12 Enclosure, Add</i>	5,785.41	
26 36 23 00-0034	EA		1,600 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	58,340.81	2,826.66
			<i>For NEMA 3R Enclosure, Add</i>	12,293.99	
			<i>For NEMA 4 Enclosure, Add</i>	12,293.99	
			<i>For NEMA 12 Enclosure, Add</i>	11,455.11	
26 36 23 00-0035	EA		2,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	66,224.20	3,091.65
			<i>For NEMA 3R Enclosure, Add</i>	12,293.99	
			<i>For NEMA 4 Enclosure, Add</i>	12,293.99	
			<i>For NEMA 12 Enclosure, Add</i>	11,455.11	
26 36 23 00-0036	EA		3,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	105,680.25	3,533.32
			<i>For NEMA 3R Enclosure, Add</i>	15,186.69	
26 36 23 00-0037	EA		4,000 Amp Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000).....	114,097.38	3,974.99
			<i>For NEMA 3R Enclosure, Add</i>	15,186.69	
26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 23 00-0001)</small>					
26 36 23 00-0039	EA		40 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40).....	4,773.75	220.84
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0040	EA		70 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70).....	5,169.72	265.00
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0041	EA		125 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125).....	5,565.04	309.17
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0042	EA		150 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	6,678.38	353.33
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0043	EA		225 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	8,678.82	397.50
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0044	EA		250 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	9,245.18	441.66
			<i>For Four Pole Circuit Breaker, Add</i>	1,807.94	
			<i>For NEMA 3R Enclosure, Add</i>	361.59	
			<i>For NEMA 12 Enclosure, Add</i>	650.86	
26 36 23 00-0045	EA		300 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	9,621.93	485.83
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 23 00-0046	EA		400 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	10,883.12	529.99
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 23 00-0047	EA		600 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	13,210.74	662.50
			<i>For Four Pole Circuit Breaker, Add</i>	2,458.80	
			<i>For NEMA 3R Enclosure, Add</i>	940.13	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 23 00-0048	EA		800 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	13,791.31	795.00
			<i>For Four Pole Circuit Breaker, Add</i>	3,507.41	
			<i>For NEMA 3R Enclosure, Add</i>	1,619.92	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
26 36 23 00-0049	EA		1,000 Amp Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	16,309.68	1,060.00
			<i>For Four Pole Circuit Breaker, Add</i>	3,507.41	
			<i>For NEMA 3R Enclosure, Add</i>	1,619.92	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
26 36 23 00-0050 Accessories <small>(26 36 23)</small>					
26 36 23 00-0051	EA		Auxiliary Contacts For Automatic Transfer Switch.....	167.78	
26 36 23 00-0052	EA		Battery Charger For Automatic Transfer Switch.....	1,374.04	
26 36 23 00-0053	EA		Elevator Relay Signal For Automatic Transfer Switch.....	499.00	
26 36 33 Non-Automatic Transfer Switches <small>(26 36)</small>					
26 36 33 00-0001 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure <small>(26 36 33)</small>					
26 36 33 00-0002	EA		40 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	2,003.71	220.84
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0003	EA		70 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	2,227.29	265.00
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 33 00-0004	EA		125 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	2,531.12	309.17
			<i>For NEMA 3R Enclosure, Add</i>	614.71	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0005	EA		150 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	2,382.55	353.33
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0006	EA		225 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	3,862.07	397.50
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0007	EA		260 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	4,340.25	441.66
			<i>For NEMA 3R Enclosure, Add</i>	723.18	
			<i>For NEMA 12 Enclosure, Add</i>	578.54	
26 36 33 00-0008	EA		300 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	4,825.73	485.83
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 33 00-0009	EA		400 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	5,651.33	529.99
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 33 00-0010	EA		600 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	7,460.47	662.50
			<i>For NEMA 3R Enclosure, Add</i>	853.35	
			<i>For NEMA 12 Enclosure, Add</i>	723.18	
26 36 33 00-0011	EA		800 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	8,411.01	795.00
			<i>For NEMA 3R Enclosure, Add</i>	1,048.60	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	
26 36 33 00-0012	EA		1,000 Amp Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	11,115.03	1,060.00
			<i>For NEMA 3R Enclosure, Add</i>	1,048.60	
			<i>For NEMA 12 Enclosure, Add</i>	1,012.45	

26 40 Electrical And Cathodic Protection ⁽²⁶⁾

26 41 Facility Lightning Protection ^(26 40)

26 41 13 Lightning Protection For Structures ^(26 41)

26 41 13 00-0001 Lightning Protection ^(26 41 13)

26 41 13 00-0002 Air Terminals For Lightning Protection ^(26 41 13 00-0001)

26 41 13 00-0003 Copper Lightning Protection Air Terminals ^(26 41 13 00-0002)

26 41 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal	52.27	8.60
26 41 13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal	64.89	8.60
26 41 13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal	84.71	8.60
26 41 13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal	94.16	8.60
26 41 13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal	183.24	17.20

26 41 13 00-0009 Aluminum Lightning Protection Air Terminals ^(26 41 13 00-0002)

26 41 13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal	30.34	8.60
26 41 13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal	122.38	8.60
26 41 13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal	47.93	8.60
26 41 13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal	53.55	8.60
26 41 13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal	99.67	17.20

26 41 13 00-0015 Terminal Bases For Lightning Protection ^(26 41 13 00-0001)

26 41 13 00-0016 Copper Lightning Protection Terminal Bases ^(26 41 13 00-0015)

26 41 13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal	69.04	25.80
26 41 13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal	90.36	34.38
26 41 13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal	122.38	42.98
26 41 13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal	90.36	34.38
26 41 13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal	96.73	34.38
26 41 13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal	171.15	68.78
26 41 13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal	120.71	42.98
26 41 13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal	69.04	25.80

26 41 13 00-0025 Aluminum Lightning Protection Terminal Bases ^(26 41 13 00-0015)

26 41 13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal	54.98	25.80
26 41 13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal	81.08	34.38
26 41 13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal	105.30	42.98
26 41 13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal	81.21	34.38
26 41 13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal	83.07	34.38
26 41 13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal	153.37	68.78
26 41 13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal	118.20	42.98
26 41 13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal	54.98	25.80

26 41 13 00-0034 Connectors ^(26 41 13 00-0001)

26 41 13 00-0035 Copper Cable Connectors ^(26 41 13 00-0034)

26 41 13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	139.25	42.98
26 41 13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	188.37	68.78
26 41 13 00-0038	EA	Beam Connector For Copper Lightning Protection System	123.54	42.98
26 41 13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	29.92	8.60
26 41 13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	30.87	8.60

26	Electrical
26 40	Electrical And Cathodic Protection
26 41	Facility Lightning Protection

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 41	13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal.....	93.53	25.80
26 41	13 00-0042		Aluminum Cable Connectors (26 41 13 00-0034)		
	26 41 13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System.....	111.00	42.98
	26 41 13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System.....	160.99	68.78
	26 41 13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System.....	107.02	42.98
	26 41 13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System.....	23.49	8.60
	26 41 13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal.....	69.87	25.80
26 41	13 00-0048		Bonding Plates (26 41 13 00-0001)		
26 41	13 00-0049		Copper Bonding Plates (26 41 13 00-0048)		
	26 41 13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System.....	108.36	42.98
	26 41 13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System.....	112.25	42.98
	26 41 13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System.....	164.92	68.78
26 41	13 00-0053		Aluminum Bonding Plates (26 41 13 00-0048)		
	26 41 13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System.....	98.40	42.98
	26 41 13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System.....	100.52	42.98
	26 41 13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System.....	147.94	68.78
26 41	13 00-0057		Cable Supports (26 41 13 00-0001)		
26 41	13 00-0058		Copper Cable Supports (26 41 13 00-0057)		
	26 41 13 00-0059	EA	Cable Supports For Copper Lightning Protection System.....	18.87	8.60
	26 41 13 00-0060	EA	Adhesive Cable Supports For Copper Lightning Protection System.....	20.10	8.60
26 41	13 00-0061		Aluminum Cable Supports (26 41 13 00-0057)		
	26 41 13 00-0062	EA	Cable Supports For Aluminum Lightning Protection System.....	18.58	8.60
	26 41 13 00-0063	EA	Adhesive Cable Supports For Aluminum Lightning Protection System.....	18.98	8.60
26 41	13 00-0064		Bonding Straps (26 41 13 00-0001)		
26 41	13 00-0065		Copper Bonding Straps (26 41 13 00-0064)		
	26 41 13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System.....	57.34	25.80
26 41	13 00-0067		Aluminum Bonding Straps (26 41 13 00-0064)		
	26 41 13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System.....	50.47	25.80
26 41	13 00-0069		Accessories For Lightning Protection (26 41 13 00-0001) See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
26 41	13 00-0070		Copper Adapters (26 41 13 00-0069)		
	26 41 13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System.....	23.01	4.30
26 41	13 00-0072		Aluminum Adapters (26 41 13 00-0069)		
	26 41 13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System.....	16.40	4.30
	26 41 13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System.....	140.87	42.98
26 41 23			Lightning Protection Surge Arresters And Suppressors (26 41)		
26 41	23 00-0001		Surge And Lightning Arrestors (26 41 23)		
26 41	23 00-0002		Metal Top Intermediate Type IMX (26 41 23 00-0001) Note: For outdoor construction, single phase.		
	26 41 23 00-0003	EA	3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	897.10	187.86
	26 41 23 00-0004	EA	4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	978.20	187.86
	26 41 23 00-0005	EA	6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	978.20	187.86
	26 41 23 00-0006	EA	7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,128.83	187.86
	26 41 23 00-0007	EA	9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,128.83	187.86
	26 41 23 00-0008	EA	10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,253.96	187.86
	26 41 23 00-0009	EA	12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,253.96	187.86
	26 41 23 00-0010	EA	15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,718.66	234.81
	26 41 23 00-0011	EA	18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,783.54	234.81
	26 41 23 00-0012	EA	21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	1,951.30	281.78
	26 41 23 00-0013	EA	24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	2,118.15	281.78
	26 41 23 00-0014	EA	27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase.....	2,537.58	281.78
26 41	23 00-0015		Porcelain Top Intermediate Type IMX (26 41 23 00-0001) Note: For cubicle mounting, single phase.		
	26 41 23 00-0016	EA	3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	897.10	187.86
	26 41 23 00-0017	EA	4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	978.20	187.86
	26 41 23 00-0018	EA	6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	978.20	187.86
	26 41 23 00-0019	EA	7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,128.83	187.86

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

26 41 23 00-0020	EA		9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,128.83	187.86
26 41 23 00-0021	EA		10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,253.96	187.86
26 41 23 00-0022	EA		12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,253.96	187.86
26 41 23 00-0023	EA		15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,718.66	234.81
26 41 23 00-0024	EA		18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,783.54	234.81
26 41 23 00-0025	EA		21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,951.30	281.78
26 41 23 00-0026	EA		24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,118.15	281.78
26 41 23 00-0027	EA		27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,537.58	281.78

26 41 23 00-0028 IMX Accessories (26 41 23 00-0001)

26 41 23 00-0029	EA		1 Crossarm Bracket Reversible 3-27 KV IMX	730.25	187.86
26 41 23 00-0030	EA		Single Unit Horizontal Pole Mounted Bracket (IMX)	720.99	187.86
26 41 23 00-0031	EA		3 Unit Horizontal Pole Mounted Bracket (IMX)	651.56	187.86

26 41 23 00-0032 Lightning Arrestor And Cutouts (26 41 23 00-0001)

26 41 23 00-0033	EA		3 KV La Distribution Class, Lightning Arrestor	470.72	187.86
26 41 23 00-0034	EA		3 KV La Interior Class, Lightning Arrestor.....	958.83	187.86
26 41 23 00-0035	EA		3 KV La Station Class, Lightning Arrestor.....	897.10	187.86
26 41 23 00-0036	EA		9 KV La Distribution Class, Lightning Arrestor.....	521.70	187.86
26 41 23 00-0037	EA		9 KV La Interior Class, Lightning Arrestor.....	1,093.98	187.86
26 41 23 00-0038	EA		9 KV La Station Class, Lightning Arrestor.....	1,128.83	187.86
26 41 23 00-0039	EA		5 KV Enclosed Fused Cutout.....	600.95	187.86
26 41 23 00-0040	EA		15 KV Open Fused Cutout.....	638.80	234.81
26 41 23 00-0041	EA		18 KV La Distribution Class, Lightning Arrestor.....	494.88	187.86
26 41 23 00-0042	EA		18 KV La Interior Class, Lightning Arrestor.....	1,166.21	187.86

26 43 Surge Protective Devices (26 40)

26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits (26 43)

26 43 13 00-0001 25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)

Note: Liebert LPL

26 43 13 00-0002	EA		120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	195.36	21.50
26 43 13 00-0003	EA		208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	210.82	21.50
26 43 13 00-0004	EA		240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	219.42	25.80
26 43 13 00-0005	EA		277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	182.34	17.20
26 43 13 00-0006	EA		480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor	219.42	25.80

26 43 13 00-0007 50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)

Note: Liebert LPL

26 43 13 00-0008	EA		120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	271.55	21.50
26 43 13 00-0009	EA		208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	288.98	25.80
26 43 13 00-0010	EA		208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	280.38	21.50
26 43 13 00-0011	EA		480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor	288.98	25.80

26 43 13 00-0012 100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression (26 43 13)

Note: Liebert LPL

26 43 13 00-0013	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	328.97	21.50
26 43 13 00-0014	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	346.40	25.80
26 43 13 00-0015	EA		277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	307.12	17.20
26 43 13 00-0016	EA		480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor	346.40	25.80

26 43 13 00-0017 100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)

Note: Liebert LPM

26 43 13 00-0018	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	388.59	21.50
26 43 13 00-0019	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	438.05	25.80
26 43 13 00-0020	EA		277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor	367.85	17.20

26 43 13 00-0021 160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression (26 43 13)

Note: Liebert LPM

26 43 13 00-0022	EA		208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	686.50	25.80
26 43 13 00-0023	EA		208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	677.90	21.50
26 43 13 00-0024	EA		480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor	686.50	25.80

26 43 13 00-0025 250 kA, 500 Joule Transient Voltage Surge Suppression (26 43 13)

Note: Liebert Interceptor Hybrid.

26 43 13 00-0026	EA		LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	3,981.94	42.98
26 43 13 00-0027	EA		Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor	4,865.30	42.98

26 43 13 00-0028 Class 1310 Transient Voltage Surge Suppression (26 43 13)

Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.

26 43 13 00-0029 NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)

Note: Square D. EMA series.

26 Electrical

26 40 Electrical And Cathodic Protection

26 43 Surge Protective Devices

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

26 43 13 00-0030	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,208.90 438.87 335.40	111.76
26 43 13 00-0031	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,538.77 438.87 335.40	128.96
26 43 13 00-0032	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,173.46 438.87 335.40	150.44
26 43 13 00-0033	EA		320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,884.91 438.87 335.40	171.94
26 43 13 00-0034	EA		480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	10,189.38 438.87 335.40	236.42
26 43 13 00-0035	EA		120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,348.77 438.87 335.40	111.76
26 43 13 00-0036	EA		160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,692.42 438.87 335.40	128.96
26 43 13 00-0037	EA		240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,410.84 438.87 335.40	150.44
26 43 13 00-0038	EA		320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,193.20 438.87 335.40	171.94
26 43 13 00-0039	EA		480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	10,665.11 438.87 335.40	236.42
26 43 13 00-0040	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,348.77 438.87 335.40	111.76
26 43 13 00-0041	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,692.42 438.87 335.40	128.96
26 43 13 00-0042	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,410.80 438.87 335.40	150.44
26 43 13 00-0043	EA		320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,193.20 438.87 335.40	171.94
26 43 13 00-0044	EA		480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	10,665.11 438.87 335.40	236.42
26 43 13 00-0045	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,488.65 438.87 335.40	111.76
26 43 13 00-0046	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,848.05 438.87 335.40	128.96
26 43 13 00-0047	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,650.17 438.87 335.40	150.44
26 43 13 00-0048	EA		320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,503.51 438.87 335.40	171.94
26 43 13 00-0049	EA		480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	11,142.78 438.87 335.40	236.42
26 43 13 00-0050	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,651.16 438.87 335.40	111.76
26 43 13 00-0051	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,009.61 438.87 335.40	128.96
26 43 13 00-0052	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,900.35 438.87 335.40	150.44
26 43 13 00-0053	EA		320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	7,828.54 438.87 335.40	171.94
26 43 13 00-0054	EA		480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	10,966.93 438.87 335.40	236.42

26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor ⁽²⁶⁾^{43 13 00-0028)}

Note: Square D EBA series.

26 43 13 00-0056	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,499.76 438.87 335.40	111.76
26 43 13 00-0057	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,020.72 438.87 335.40	128.96
26 43 13 00-0058	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,430.81 438.87 335.40	150.44

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

26 43 13 00-0059	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,579.54 438.87 335.40	111.76
26 43 13 00-0060	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,138.92 438.87 335.40	128.96
26 43 13 00-0061	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,585.45 438.87 335.40	150.44
26 43 13 00-0062	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,579.54 438.87 335.40	111.76
26 43 13 00-0063	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,138.92 438.87 335.40	128.96
26 43 13 00-0064	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,585.45 438.87 335.40	150.44
26 43 13 00-0065	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,680.99 438.87 335.40	111.76
26 43 13 00-0066	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,265.98 438.87 335.40	128.96
26 43 13 00-0067	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,783.42 438.87 335.40	150.44
26 43 13 00-0068	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	2,787.37 438.87 335.40	111.76
26 43 13 00-0069	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,400.91 438.87 335.40	128.96
26 43 13 00-0070	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,991.24 438.87 335.40	150.44

26 43 13 00-0071 NEMA 4X Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)

Note: Square D EMA series. Stainless steel.

26 43 13 00-0072	EA	120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,139.67 438.87 335.40	111.76
26 43 13 00-0073	EA	160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,469.55 438.87 335.40	128.96
26 43 13 00-0074	EA	240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,104.23 438.87 335.40	150.44
26 43 13 00-0075	EA	120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,279.54 438.87 335.40	111.76
26 43 13 00-0076	EA	160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,623.20 438.87 335.40	128.96
26 43 13 00-0077	EA	240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,341.61 438.87 335.40	150.44
26 43 13 00-0078	EA	120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,279.54 438.87 335.40	111.76
26 43 13 00-0079	EA	160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,623.20 438.87 335.40	128.96
26 43 13 00-0080	EA	240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,341.57 438.87 335.40	150.44
26 43 13 00-0081	EA	120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,419.42 438.87 335.40	111.76
26 43 13 00-0082	EA	160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,778.82 438.87 335.40	128.96
26 43 13 00-0083	EA	240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,580.95 438.87 335.40	150.44
26 43 13 00-0084	EA	120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,581.94 438.87 335.40	111.76
26 43 13 00-0085	EA	160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,940.39 438.87 335.40	128.96
26 43 13 00-0086	EA	240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	6,831.12 438.87 335.40	150.44

26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)

Note: Square D EBA series. Stainless steel.

26 Electrical
26 40 Electrical And Cathodic Protection
26 43 Surge Protective Devices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0088	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,430.53 438.87 335.40	111.76
26 43 13 00-0089	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,951.50 438.87 335.40	128.96
26 43 13 00-0090	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,361.59 438.87 335.40	150.44
26 43 13 00-0091	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,510.31 438.87 335.40	111.76
26 43 13 00-0092	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,069.69 438.87 335.40	128.96
26 43 13 00-0093	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,516.22 438.87 335.40	150.44
26 43 13 00-0094	EA		120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,510.31 438.87 335.40	111.76
26 43 13 00-0095	EA		160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,069.69 438.87 335.40	128.96
26 43 13 00-0096	EA		240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,516.22 438.87 335.40	150.44
26 43 13 00-0097	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,611.77 438.87 335.40	111.76
26 43 13 00-0098	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,196.75 438.87 335.40	128.96
26 43 13 00-0099	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,714.19 438.87 335.40	150.44
26 43 13 00-0100	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	3,718.14 438.87 335.40	111.76
26 43 13 00-0101	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	4,331.69 438.87 335.40	128.96
26 43 13 00-0102	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor <i>For Integral Disconnect, Add</i> <i>For Surge Counter, Add</i>	5,922.01 438.87 335.40	150.44

26 50 Lighting ⁽²⁶⁾

Note: Light fixtures include testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

26 51 Interior Lighting ^(26 50)

26 51 13 Interior Lighting Fixtures, Lamps, And Ballasts ^(26 51)

26 51 13 00-0001			Fluorescent Fixtures ^(26 51 13)		
26 51 13 00-0002			Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0001)		
26 51 13 00-0003			6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0002)		
26 51 13 00-0004	EA		1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	100.04	24.60
26 51 13 00-0005	EA		2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	111.18	24.60
26 51 13 00-0006			6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0002)		
26 51 13 00-0007	EA		1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	113.45	25.62
26 51 13 00-0008	EA		2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	127.11	25.62
26 51 13 00-0009			1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0002)		
26 51 13 00-0010	EA		2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	135.94	28.76
26 51 13 00-0011	EA		3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	159.85	28.76
26 51 13 00-0012	EA		4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture	185.98	28.76
26 51 13 00-0013			2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0002)		
26 51 13 00-0014	EA		2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	112.20	31.44
26 51 13 00-0015	EA		3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture	127.59	31.44
26 51 13 00-0016			2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures ^(26 51 13 00-0002)		
26 51 13 00-0017	EA		2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	172.88	36.62
26 51 13 00-0018	EA		3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	186.24	36.62
26 51 13 00-0019	EA		4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture	210.11	36.62

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

26 51 13 00-0020	Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0001)</small>				
<small>Note: Includes prismatic lens.</small>					
26 51 13 00-0021	1' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0020)</small>				
26 51 13 00-0022	EA	2	T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	135.27	28.53
26 51 13 00-0023	EA	3	T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	211.02	28.53
26 51 13 00-0024	EA	4	T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	239.80	28.53
26 51 13 00-0025	2' x 2', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0020)</small>				
26 51 13 00-0026	EA	2	T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	200.20	31.44
26 51 13 00-0027	EA	3	T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	217.51	31.44
26 51 13 00-0028	EA	4	T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	230.06	31.44
26 51 13 00-0029	2' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0020)</small>				
26 51 13 00-0030	EA	2	T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	208.30	36.62
26 51 13 00-0031	EA	3	T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	228.22	36.62
26 51 13 00-0032	EA	4	T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	239.97	36.62
26 51 13 00-0033	EA	6	T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	258.68	36.62
26 51 13 00-0034	4' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 13 00-0020)</small>				
26 51 13 00-0035	EA	4	T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	401.25	47.16
26 51 13 00-0036	EA	6	T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	410.83	47.16
26 51 13 00-0037	EA	8	T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	677.32	47.16
26 51 13 00-0038	Recessed Fluorescent Fixtures <small>(26 51 13 00-0001)</small>				
26 51 13 00-0039	Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0038)</small>				
26 51 13 00-0040	1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0039)</small>				
26 51 13 00-0041	EA	2	T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	125.62	24.60
<small>For Drywall Or Plaster Ceilings, Add</small>				16.62	
26 51 13 00-0042	1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0039)</small>				
26 51 13 00-0043	EA	2	T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	163.95	28.53
<small>For Drywall Or Plaster Ceilings, Add</small>				19.45	
26 51 13 00-0044	EA	2	T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	277.90	28.53
<small>For Drywall Or Plaster Ceilings, Add</small>				19.45	
26 51 13 00-0045	2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0039)</small>				
26 51 13 00-0046	EA	2	T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	164.49	31.44
<small>For Drywall Or Plaster Ceilings, Add</small>				21.22	
26 51 13 00-0047	EA	3	T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	185.52	31.44
<small>For Drywall Or Plaster Ceilings, Add</small>				21.22	
26 51 13 00-0048	EA	4	T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	188.38	31.44
<small>For Drywall Or Plaster Ceilings, Add</small>				21.23	
26 51 13 00-0049	EA	2	T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	202.43	31.44
<small>For Drywall Or Plaster Ceilings, Add</small>				21.22	
26 51 13 00-0050	2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 13 00-0039)</small>				
26 51 13 00-0051	EA	2	T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	167.00	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0052	EA	3	T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	222.30	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0053	EA	4	T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	227.09	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0054	EA	6	T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	254.15	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0055	EA	2	T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	214.00	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0056	EA	3	T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	283.49	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0057	EA	4	T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture.....	291.42	36.62
<small>For Drywall Or Plaster Ceilings, Add</small>				24.76	
26 51 13 00-0058	Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0038)</small>				
26 51 13 00-0059	1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0058)</small>				
26 51 13 00-0060	EA	1	T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture.....	142.20	24.60
<small>For Drywall Or Plaster Ceilings, Add</small>				16.62	
26 51 13 00-0061	EA	2	T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture.....	145.05	24.60
<small>For Drywall Or Plaster Ceilings, Add</small>				16.62	
26 51 13 00-0062	EA	3	T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture.....	167.33	24.60
<small>For Drywall Or Plaster Ceilings, Add</small>				16.62	
26 51 13 00-0063	1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0058)</small>				
26 51 13 00-0064	EA	1	T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture.....	163.61	28.53
<small>For Drywall Or Plaster Ceilings, Add</small>				19.45	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 13 00-0065	EA 2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	168.39 19.45	28.53
26 51 13 00-0066	EA 3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	189.14 19.45	28.53
26 51 13 00-0067	2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 13 00-0058)		
26 51 13 00-0068	EA 2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	168.71 21.23	31.44
26 51 13 00-0069	EA 3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	171.57 21.23	31.44
26 51 13 00-0070	EA 4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	193.53 21.23	31.44
26 51 13 00-0071	2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 13 00-0058)		
26 51 13 00-0072	EA 2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	167.00 24.76	36.62
26 51 13 00-0073	EA 3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	192.27 24.76	36.62
26 51 13 00-0074	EA 4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	216.40 24.76	36.62
26 51 13 00-0075	EA 6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	245.41 24.76	36.62
26 51 13 00-0076	Direct-Indirect, Recessed Fluorescent Fixtures (26 51 13 00-0038)		
26 51 13 00-0077	1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures (26 51 13 00-0076)		
26 51 13 00-0078	EA 1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	285.44 19.45	28.53
26 51 13 00-0079	EA 2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	290.23 19.45	28.53
26 51 13 00-0080	EA 1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	334.53 19.45	28.53
26 51 13 00-0081	EA 2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	342.46 19.45	28.53
26 51 13 00-0082	2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures (26 51 13 00-0076)		
26 51 13 00-0083	EA 2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	232.98 21.22	31.44
26 51 13 00-0084	EA 3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	257.91 21.22	31.44
26 51 13 00-0085	EA 2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	313.67 21.22	31.44
26 51 13 00-0086	2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures (26 51 13 00-0076)		
26 51 13 00-0087	EA 2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	265.11 24.76	36.62
26 51 13 00-0088	EA 3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	322.35 24.76	36.62
26 51 13 00-0089	EA 1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	335.35 24.76	36.62
26 51 13 00-0090	EA 2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	368.39 24.76	36.62
26 51 13 00-0091	Volumetric, Recessed Fluorescent Fixtures (26 51 13 00-0038)		
26 51 13 00-0092	1' x 4', Volumetric, Recessed Fluorescent Fixtures (26 51 13 00-0091)		
26 51 13 00-0093	EA 2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	225.61 19.45	28.53
26 51 13 00-0094	EA 2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	291.61 19.45	28.53
26 51 13 00-0095	2' x 2', Volumetric, Recessed Fluorescent Fixtures (26 51 13 00-0091)		
26 51 13 00-0096	EA 2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	226.91 21.22	31.44
26 51 13 00-0097	EA 2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	256.42 21.22	31.44
26 51 13 00-0098	2' x 4', Volumetric, Recessed Fluorescent Fixtures (26 51 13 00-0091)		
26 51 13 00-0099	EA 2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	253.00 24.76	36.62
26 51 13 00-0100	EA 2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	253.49 24.76	36.62
26 51 13 00-0101	Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 13 00-0038)		
26 51 13 00-0102	1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures (26 51 13 00-0101)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0103	EA		2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	216.91 19.45	28.53
26 51 13 00-0104			2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0101)</small>		
26 51 13 00-0105	EA		2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	207.68 21.22	31.44
26 51 13 00-0106			2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0101)</small>		
26 51 13 00-0107	EA		2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	252.63 24.76	36.62
26 51 13 00-0108	EA		3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	324.69 24.76	36.62
26 51 13 00-0109	EA		4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	290.29 24.76	36.62
26 51 13 00-0110			Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0038)</small>		
26 51 13 00-0111			1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0110)</small>		
26 51 13 00-0112	EA		2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	207.95 19.45	28.53
26 51 13 00-0113			2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0110)</small>		
26 51 13 00-0114	EA		2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	207.46 21.22	31.44
26 51 13 00-0115			2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 13 00-0110)</small>		
26 51 13 00-0116	EA		2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	257.66 24.76	36.62
26 51 13 00-0117	EA		3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	264.20 24.76	36.62
26 51 13 00-0118	EA		4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	272.69 24.76	36.62
26 51 13 00-0119			Striplight Fluorescent Fixtures <small>(26 51 13 00-0001)</small>		
26 51 13 00-0120			1 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 13 00-0119)</small>		
26 51 13 00-0121	EA		1 T8 Lamp, 1-1/2' Length, Striplight Fluorescent Fixture	96.57	23.58
26 51 13 00-0122	EA		1 T8 Lamp, 2' Length, Striplight Fluorescent Fixture.....	114.40	23.58
26 51 13 00-0123	EA		1 T8 Lamp, 3' Length, Striplight Fluorescent Fixture.....	114.99	26.17
26 51 13 00-0124	EA		1 T8 Lamp, 4' Length, Striplight Fluorescent Fixture.....	120.31	28.76
26 51 13 00-0125	EA		1 T8 Lamp, 8' Length, Striplight Fluorescent Fixture.....	143.78	31.13
26 51 13 00-0126			2 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 13 00-0119)</small>		
26 51 13 00-0127	EA		2 T8 Lamps, 2' Length, Striplight Fluorescent Fixture.....	117.30	26.17
26 51 13 00-0128	EA		2 T8 Lamps, 3' Length, Striplight Fluorescent Fixture.....	122.31	28.76
26 51 13 00-0129	EA		2 T8 Lamps, 4' Length, Striplight Fluorescent Fixture.....	129.03	31.44
26 51 13 00-0130			3 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 13 00-0119)</small>		
26 51 13 00-0131	EA		3 T8 Lamps, 2' Length, Striplight Fluorescent Fixture.....	161.92	26.17
26 51 13 00-0132	EA		3 T8 Lamps, 3' Length, Striplight Fluorescent Fixture.....	159.71	28.76
26 51 13 00-0133	EA		3 T8 Lamps, 4' Length, Striplight Fluorescent Fixture.....	167.83	31.44
26 51 13 00-0134			Display Case Fluorescent Fixtures <small>(26 51 13 00-0119)</small>		
26 51 13 00-0135	EA		1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W)	75.31	25.80
26 51 13 00-0136	EA		1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W).....	92.70	25.80
26 51 13 00-0137	EA		1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W).....	100.67	30.08
26 51 13 00-0138	EA		1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W).....	104.45	30.08
26 51 13 00-0139			Industrial Fluorescent Fixtures <small>(26 51 13 00-0001)</small>		
26 51 13 00-0140			1 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 13 00-0139)</small>		
26 51 13 00-0141	EA		1 T8 Lamp, 2' Length, Industrial Fluorescent Fixture.....	130.92	23.58
26 51 13 00-0142	EA		1 T8 Lamp, 4' Length, Industrial Fluorescent Fixture.....	142.61	28.76
26 51 13 00-0143	EA		1 T8 Lamp, 8' Length, Industrial Fluorescent Fixture.....	248.60	36.62
26 51 13 00-0144	EA		96" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp	131.99	36.62
			Note: With electronic ballast.		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 51 13 00-0145		2 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 13 00-0139)			
26 51 13 00-0146	EA	2 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	137.70		26.17
26 51 13 00-0147	EA	2 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	151.33		31.44
26 51 13 00-0148	EA	2 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	258.17		36.62
26 51 13 00-0149	EA	48" Lamp Industrial Fixture Fluorescent, 2 54 W T5 Lamp	129.81		31.44
		Note: With electronic ballast.			
26 51 13 00-0150	EA	96" Lamp Industrial Fixture Fluorescent, 4 54 W T5 Lamp	161.26		36.62
		Note: With electronic ballast.			
26 51 13 00-0151		3 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 13 00-0139)			
26 51 13 00-0152	EA	3 T8 Lamps, 2' Length, Industrial Fluorescent Fixture	143.46		26.17
26 51 13 00-0153	EA	3 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	158.31		31.44
26 51 13 00-0154	EA	3 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	234.72		36.62
26 51 13 00-0155		4 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 13 00-0139)			
26 51 13 00-0156	EA	4 T8 Lamps, 4' Length, Industrial Fluorescent Fixture	207.68		31.44
26 51 13 00-0157	EA	4 T8 Lamps, 8' Length, Industrial Fluorescent Fixture	302.58		36.62
26 51 13 00-0158		Flanged Fluorescent Fixture (26 51 13 00-0001)			
		Note: For plaster or drywall application. With electronic ballast.			
26 51 13 00-0159	EA	2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	204.09		47.16
26 51 13 00-0160	EA	3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	238.02		47.16
26 51 13 00-0161	EA	4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	242.81		47.16
26 51 13 00-0162		Undercabinet Fluorescent Fixtures (26 51 13 00-0001)			
26 51 13 00-0163	EA	1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	75.78		21.22
26 51 13 00-0164	EA	1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	89.23		25.93
26 51 13 00-0165	EA	2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	88.13		25.93
26 51 13 00-0166	EA	1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	104.00		28.29
26 51 13 00-0167	EA	2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	121.00		33.01
26 51 13 00-0168		Corner Mounted, Fluorescent Fixtures (26 51 13 00-0001)			
		Note: Includes acrylic drop dish diffuser.			
26 51 13 00-0169		2' Length, Corner Mounted, Fluorescent Fixtures (26 51 13 00-0168)			
26 51 13 00-0170	EA	1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture	129.86		23.58
26 51 13 00-0171	EA	2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture	143.70		23.58
26 51 13 00-0172		3' Length, Corner Mounted, Fluorescent Fixtures (26 51 13 00-0168)			
26 51 13 00-0173	EA	1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture	147.09		24.76
26 51 13 00-0174	EA	2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture	160.37		24.76
26 51 13 00-0175		4' Length, Corner Mounted, Fluorescent Fixtures (26 51 13 00-0168)			
26 51 13 00-0176	EA	1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture	147.14		25.93
26 51 13 00-0177	EA	2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture	162.32		25.93
26 51 13 00-0178		Wall Bracket, Fluorescent Fixtures (26 51 13 00-0001)			
26 51 13 00-0179		Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 13 00-0178)			
		Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.			
26 51 13 00-0180		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 13 00-0179)			
26 51 13 00-0181	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	217.87		39.55
26 51 13 00-0182	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	220.30		39.55
26 51 13 00-0183		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 13 00-0179)			
26 51 13 00-0184	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	299.82		39.55
26 51 13 00-0185	EA	2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	303.21		39.55
26 51 13 00-0186		4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 13 00-0179)			
26 51 13 00-0187	EA	1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	313.87		39.55
26 51 13 00-0188	EA	2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	316.30		39.55
26 51 13 00-0189		Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 13 00-0178)			
		Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.			
26 51 13 00-0190		2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 13 00-0189)			
26 51 13 00-0191	EA	1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	336.90		39.55
26 51 13 00-0192	EA	2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	339.33		39.55
26 51 13 00-0193		3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) (26 51 13 00-0189)			
26 51 13 00-0194	EA	1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	288.26		39.55

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0195	EA		2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	291.65	39.55
26 51 13 00-0196			4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 13 00-0189)</small>		
26 51 13 00-0197	EA		1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	305.38	39.55
26 51 13 00-0198	EA		2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	307.81	39.55
26 51 13 00-0199			Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0178)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 13 00-0200			2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0199)</small>		
26 51 13 00-0201	EA		1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	205.95	39.55
26 51 13 00-0202	EA		2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	208.37	39.55
26 51 13 00-0203			3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0199)</small>		
26 51 13 00-0204	EA		1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	206.91	39.55
26 51 13 00-0205	EA		2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	210.30	39.55
26 51 13 00-0206			4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 13 00-0199)</small>		
26 51 13 00-0207	EA		1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	196.81	39.55
26 51 13 00-0208	EA		2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	199.24	39.55
26 51 13 00-0209			Low Occupancy, Industrial Fluorescent Fixtures <small>(26 51 13 00-0001)</small>		
26 51 13 00-0210	EA		1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	291.69	28.76
26 51 13 00-0211	EA		2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	295.62	31.44
26 51 13 00-0212			Accessories And Modifiers For Fluorescent Fixtures <small>(26 51 13 00-0001)</small>		
26 51 13 00-0213			Lens Modifications <small>(26 51 13 00-0212)</small>		
26 51 13 00-0214	EA		For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	18.77	
26 51 13 00-0215	EA		For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	23.19	
26 51 13 00-0216	EA		For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	24.29	
26 51 13 00-0217	EA		For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	26.50	
26 51 13 00-0218	EA		For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	32.02	
26 51 13 00-0219	EA		For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	7.73	
26 51 13 00-0220	EA		For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	11.04	
26 51 13 00-0221	EA		For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	12.15	
26 51 13 00-0222	EA		For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	14.35	
26 51 13 00-0223			Pendant Mounting Modifications <small>(26 51 13 00-0212)</small> Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 13 00-0224	EA		For Pendant Mounting Up to 1'-6" Long Section.....	8.39	
			Note: Per pendant.		
26 51 13 00-0225	EA		For Pendant Mounting 2' Long Section.....	9.72	
			Note: Per pendant.		
26 51 13 00-0226	EA		For Pendant Mounting 3' Long Section.....	12.43	
			Note: Per pendant.		
26 51 13 00-0227	EA		For Pendant Mounting 4' Long Section.....	14.69	
			Note: Per pendant.		
26 51 13 00-0228	EA		For Pendant Mounting 6' Long Section.....	18.55	
			Note: Per pendant.		
26 51 13 00-0229	EA		For Pendant Mounting 8' Long Section.....	25.18	
			Note: Per pendant.		
26 51 13 00-0230			Fluorescent Light Accessories <small>(26 51 13 00-0212)</small>		
26 51 13 00-0231	EA		Blank Metal Light Box Plate.....	14.01	
26 51 13 00-0232	EA		Factory Installed Fixture Mounted Occupancy Sensor.....	85.02	
26 51 13 00-0233			Wire Guards <small>(26 51 13 00-0212)</small>		
26 51 13 00-0234	EA		Wire Guard for 6" x 2' Fixture.....	38.13	4.31
26 51 13 00-0235	EA		Wire Guard for 6" x 4' Fixture.....	53.93	6.89
26 51 13 00-0236	EA		Wire Guard for 1" x 2' Fixture.....	42.54	4.74
26 51 13 00-0237	EA		Wire Guard for 1" x 4' Fixture.....	60.68	7.32
26 51 13 00-0238	EA		Wire Guard for 2" x 2' Fixture.....	51.66	5.17
26 51 13 00-0239	EA		Wire Guard for 2" x 4' Fixture.....	71.00	7.75
26 51 13 00-0240			Surface Mounted, Fluorescent Fixtures, Architectural <small>(26 51 13 00-0001)</small>		
26 51 13 00-0241			8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixtures <small>(26 51 13 00-0240)</small>		
26 51 13 00-0242	EA		8-1/2" x 4' Surface Mounted Architectural Fluorescent Fixture, 1 54 Watt T5 HO Lamp.....	243.96	28.76
			Note: With electronic ballast.		

26 Electrical

26 50 Lighting

26 51 Interior Lighting

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 51 13 00-0243	LED Fixtures <small>(26 51 13)</small>		
26 51 13 00-0244	Undercabinet LED Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0245	EA 12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6)	114.59	21.22
26 51 13 00-0246	EA 18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6)	146.08	25.93
26 51 13 00-0247	EA 24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6)	164.07	
26 51 13 00-0248	Striplight LED Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0249	Striplight LED Fixtures <small>(26 51 13 00-0248)</small>		
26 51 13 00-0250	EA 2' Length, 3,000 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1)	230.06	23.58
26 51 13 00-0251	EA 4' Length, 2,800 Lumens, LED Striplight Fluorescent Fixture (Lithonia ZL1)	237.92	28.76
26 51 13 00-0252	EA 2' Length, 1,400 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2)	226.67	23.58
26 51 13 00-0253	EA 4' Length, 2,300 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2)	234.53	28.76
26 51 13 00-0254	EA 4' Length, 4,600 Lumens, Lensed LED Striplight Fluorescent Fixture (Lithonia ZL2)	302.16	28.76
26 51 13 00-0255	Lay-In/Troffer LED Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0256	Prismatic Lensed, Lay-In/Troffer LED Fixtures <small>(26 51 13 00-0255)</small>		
26 51 13 00-0257	Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 13 00-0256)</small>		
26 51 13 00-0258	EA 4,300 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	401.95	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0259	EA 3,300 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	319.00	31.44
	<i>For Drywall Or Plaster Ceilings, Add</i>	21.22	
26 51 13 00-0260	EA 4,600 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	386.49	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0261	Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) <small>(26 51 13 00-0256)</small>		
26 51 13 00-0262	EA 3,200 Lumens, 1' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	449.32	36.62
26 51 13 00-0263	EA 3,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	311.65	31.44
26 51 13 00-0264	EA 4,175 Lumens, 2' x 4', Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	404.92	36.62
26 51 13 00-0265	Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) <small>(26 51 13 00-0256)</small>		
26 51 13 00-0266	EA 2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	192.06	31.44
26 51 13 00-0267	EA 3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E)	213.06	31.44
26 51 13 00-0268	EA 3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	200.46	31.44
26 51 13 00-0269	EA 4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	208.16	31.44
26 51 13 00-0270	EA 4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	212.01	31.44
26 51 13 00-0271	Volumetric, Lay-In/Troffer LED Fixtures <small>(26 51 13 00-0255)</small>		
26 51 13 00-0272	Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 13 00-0271)</small>		
26 51 13 00-0273	EA 2,500 Lumens, 1' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4)	393.33	28.53
	<i>For Drywall Or Plaster Ceilings, Add</i>	19.45	
26 51 13 00-0274	EA 2,400 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	341.59	31.44
	<i>For Drywall Or Plaster Ceilings, Add</i>	21.22	
26 51 13 00-0275	EA 3,300 Lumens, 2' x 2', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2)	348.69	31.44
	<i>For Drywall Or Plaster Ceilings, Add</i>	21.22	
26 51 13 00-0276	EA 4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	380.84	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0277	EA 4,800 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4)	405.12	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0278	EA 2,400 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	322.62	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0279	EA 4,000 Lumens, 2' x 4', Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2VTL4)	322.62	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0280	Architectural, Lay-In/Troffer LED Fixtures <small>(26 51 13 00-0255)</small>		
26 51 13 00-0281	Architectural, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 13 00-0280)</small>		
	Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0282	EA 2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	361.92	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0283	EA 4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	430.94	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0284	EA 6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4)	493.06	36.62
	<i>For Drywall Or Plaster Ceilings, Add</i>	24.76	
26 51 13 00-0285	Architectural, Lay-In/Troffer LED Fixtures (CREE®) <small>(26 51 13 00-0280)</small>		
	Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0286	EA 2,200 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	354.44	36.62
	<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.29	
	<i>For Drywall Or Plaster Ceilings, Add</i>	99.71	
	<i>For Surface Mount, Add</i>	168.58	
26 51 13 00-0287	EA 3,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™)	361.50	36.62
	<i>For Expanded Size Junction Box For Through Wiring, Add</i>	3.29	
	<i>For Drywall Or Plaster Ceilings, Add</i>	99.71	
	<i>For Surface Mount, Add</i>	168.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0288	EA		4,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	361.50 3.29 99.71 168.58	36.62
26 51 13 00-0289	EA		5,000 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	405.01 3.29 99.71 168.58	36.62
26 51 13 00-0290	EA		2,000 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	292.49 3.29 87.14 158.78	31.44
26 51 13 00-0291	EA		3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Cree® CR22™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	310.13 3.29 87.14 158.78	31.44
26 51 13 00-0292	EA		3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (CREE® AR22™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	281.90 3.29 87.14 158.78	31.44
26 51 13 00-0293	EA		3,200 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR22™)..... For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	310.13 3.29 87.14 158.78	31.44
26 51 13 00-0294	EA		2,200 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	354.44 3.29 102.06 183.87	36.62
26 51 13 00-0295	EA		3,100 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	361.50 3.29 102.06 183.87	36.62
26 51 13 00-0296	EA		4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	361.50 3.29 102.06 183.87	36.62
26 51 13 00-0297	EA		4,000 Lumens, High Efficiency, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® CR24™)..... For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	448.16 3.29 102.06 183.87	36.62
26 51 13 00-0298	EA		5,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Cree® CR24™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	405.01 3.29 102.06 183.87	36.62
26 51 13 00-0299	EA		4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (CREE® AR24™) For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	327.40 3.29 102.06 183.87	36.62
26 51 13 00-0300	EA		4,000 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture With Step Dimming (CREE® AR24™)..... For Expanded Size Junction Box For Through Wiring, Add For Drywall Or Plaster Ceilings, Add For Surface Mount, Add	354.44 3.29 102.06 183.87	36.62
26 51 13 00-0301			Architectural, Lay-In/Troffer LED Fixtures (Metalux®) (26 51 13 00-0280) Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 13 00-0302	EA		2,500 Lumens, 2' x 2', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	268.28	31.44
26 51 13 00-0303	EA		4,700 Lumens, 2' x 4', Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	359.58	36.62
26 51 13 00-0304			Shadow Box Style, Lay-In/Troffer LED Fixtures (26 51 13 00-0255)		
26 51 13 00-0305			Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) (26 51 13 00-0304)		
26 51 13 00-0306	EA		3,300 Lumens, 2' x 2', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2)..... For Drywall Or Plaster Ceilings, Add	326.09 21.22	31.44
26 51 13 00-0307	EA		4,600 Lumens, 2' x 4', Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)..... For Drywall Or Plaster Ceilings, Add	443.15 24.76	36.62
26 51 13 00-0308			Panel Type, Lay-In/Troffer LED Fixtures (26 51 13 00-0255)		
26 51 13 00-0309			Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) (26 51 13 00-0308)		
26 51 13 00-0310	EA		3,100 Lumens, 1' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34).....	230.37	36.62
26 51 13 00-0311	EA		3,100 Lumens, 2' x 2', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34).....	230.91	31.44
26 51 13 00-0312	EA		4,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40).....	294.42	36.62
26 51 13 00-0313	EA		5,000 Lumens, 2' x 4', Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52).....	294.42	36.62
26 51 13 00-0314			Surface Mount LED Fixtures (26 51 13 00-0243)		
26 51 13 00-0315			Surface Mount, Volumetric LED Fixtures (26 51 13 00-0314)		
26 51 13 00-0316	EA		2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2).....	321.57	23.58
26 51 13 00-0317	EA		4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4).....	366.97	28.76
26 51 13 00-0318			Surface Mount, Wraparound LED Fixtures (26 51 13 00-0314)		
26 51 13 00-0319	EA		2' Length, 3,500 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2).....	185.87	28.76
26 51 13 00-0320	EA		4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4).....	189.19	28.76

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

		MINOR	TOTAL DIRECT		DEMOLITION	
		CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 13 00-0321				Surface Mount, Shadow Box Style LED Fixtures (26 51 13 00-0314)		
26 51 13 00-0322				Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) (26 51 13 00-0321)		
26 51 13 00-0323	EA			3,300 Lumens, 2' x 2', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2).....	415.34	31.44
26 51 13 00-0324	EA			4,600 Lumens, 2' x 4', Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4).....	532.40	36.62
26 51 13 00-0325				Recessed LED Downlights (26 51 13 00-0243)		
26 51 13 00-0326				Recessed LED Downlights (26 51 13 00-0325)		
26 51 13 00-0327				Recessed LED Downlights (Lithonia) (26 51 13 00-0326) Note: Includes housing and trim.		
26 51 13 00-0328	EA			1,200 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	360.88	37.82
				For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	81.58	
26 51 13 00-0329	EA			1,500 Lumens, 8" Diameter, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	395.39	37.82
				For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	81.58	
26 51 13 00-0330				Recessed LED Downlights (Portfolio®) (26 51 13 00-0326) Note: Includes housing and trim.		
26 51 13 00-0331	EA			1,300 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Portfolio® LD413)	214.11	37.82
26 51 13 00-0332				Recessed LED Downlights (Gotham® EVO®) (26 51 13 00-0326) Note: Includes housing and trim.		
26 51 13 00-0333	EA			1,800 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED).....	318.85	37.82
26 51 13 00-0334	EA			1,800 Lumens, 6" Diameter, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	330.96	37.82
26 51 13 00-0335	EA			1,800 Lumens, 6" Diameter, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED)	380.63	37.82
26 51 13 00-0336	EA			1,800 Lumens, 6" Diameter, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....	385.48	37.82
26 51 13 00-0337	EA			1,800 Lumens, 6" Diameter, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED)	427.88	37.82
26 51 13 00-0338				Recessed LED Downlights (Lightolier) (26 51 13 00-0326) Note: Includes housing and trim.		
26 51 13 00-0339	EA			500 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L05DL)	316.02	37.82
26 51 13 00-0340	EA			1,000 Lumens, 4" Diameter, Recessed LED Downlight With Open Trim (Lightolier C4L10DL).....	368.44	37.82
26 51 13 00-0341	EA			1,500 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	394.60	37.82
26 51 13 00-0342	EA			2,000 Lumens, 6" Diameter, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	394.60	37.82
26 51 13 00-0343	EA			1,500 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	407.73	37.82
26 51 13 00-0344	EA			2,000 Lumens, 7" Diameter, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	420.88	37.82
26 51 13 00-0345				Recessed LED Downlight Retrofits And Trim (CREE®) (26 51 13 00-0325)		
26 51 13 00-0346				Recessed LED Downlight Retrofits (CREE®) (26 51 13 00-0345) Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 13 00-0347	EA			575 Lumens, 4" Diameter, Recessed LED Downlight Retrofit (Cree® CR4-575L)	70.16	
26 51 13 00-0348	EA			625 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-625L)	60.75	
26 51 13 00-0349	EA			800 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® CR6-800L)	74.86	
26 51 13 00-0350	EA			650 Lumens, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6C-277)	136.75	
26 51 13 00-0351	EA			1,000 Lumens, Deep Recess, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6C-DR100-277).....	103.34	
26 51 13 00-0352	EA			500 Lumens, 6" Diameter, Adjustable Recessed LED Downlight Retrofit (Cree® LE6C-GU24)	105.72	
26 51 13 00-0353	EA			1,000 Lumens, Deep Recess, 6" Diameter, Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR).....	111.68	
26 51 13 00-0354				Recessed LED Downlight Retrofits Trim (CREE®) (26 51 13 00-0345) Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 13 00-0355	EA			6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX).....	29.36	6.01
26 51 13 00-0356	EA			6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP).....	29.61	6.01
26 51 13 00-0357	EA			6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB).....	30.54	6.01
26 51 13 00-0358				Recessed LED Downlight Fixture Housings (CREE®) (26 51 13 00-0345) Note: Excludes lamp and trim.		
26 51 13 00-0359	EA			6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6)	67.31	25.80
26 51 13 00-0360	EA			6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6).....	50.61	25.80
26 51 13 00-0361				Can Retrofit Or Surface Mount, LED Downlights (26 51 13 00-0325)		
26 51 13 00-0362	EA			15 Watt, 6" Diameter, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	87.26	23.58
26 51 13 00-0363	EA			7 Watt, 4" Diameter, Can Retrofit, LED Downlight (Green Creative 01-811-D).....	67.10	23.58
26 51 13 00-0364	EA			9.5 Watt, 6" Diameter, Can Retrofit, LED Downlight (Green Creative 01-808-D).....	67.10	23.58
26 51 13 00-0365	EA			8.9 Watt, 6" Diameter, Can Retrofit, LED Downlight (Lithonia 6BP)	78.98	23.58
				For Recessed IC/Non-IC Rated Housing For New Construction, Add	30.15	
26 51 13 00-0366				Wall Mount LED Cylinder Downlight (26 51 13 00-0243)		
26 51 13 00-0367	EA			2,200 Lumens, 9" Diameter, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9).....	440.70	36.62

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

26 51 13 00-0368			Concealed Continuous LED Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0369			Concealed Continuous LED Fixtures (Fraqtir™ S301) <small>(26 51 13 00-0368)</small>		
26 51 13 00-0370	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301)	359.75	3.93
26 51 13 00-0371	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301)	409.90	3.93
26 51 13 00-0372			LED Low Bay Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0373			LED Linear Low Bay Fixtures (PlanLED) <small>(26 51 13 00-0372)</small>		
26 51 13 00-0374	EA		4' Length, 23 System Watts, LED Linear Low Bay Fixture (PlanLED A1W4)	190.94	47.16
26 51 13 00-0375	EA		4' Length, 42 System Watts, LED Linear Low Bay Fixture (PlanLED A2W4A)	248.69	47.16
26 51 13 00-0376	EA		8' Length, 84 System Watts, LED Linear Low Bay Fixture (PlanLED A2W5A)	401.69	58.95
26 51 13 00-0377			LED Linear Low Bay Fixtures (CREE® CS) <small>(26 51 13 00-0372)</small>		
			Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 13 00-0378	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	506.20	47.16
26 51 13 00-0379	EA		7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	629.34	58.95
26 51 13 00-0380	EA		8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	804.56	58.95
26 51 13 00-0381			LED Linear Low Bay Fixtures (Lithonia MSL) <small>(26 51 13 00-0372)</small>		
			Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 13 00-0382	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	507.22	47.16
26 51 13 00-0383			Wet/Hazardous Location, LED Fixtures <small>(26 51 13 00-0243)</small>		
26 51 13 00-0384			Wet Location, LED Fixtures <small>(26 51 13 00-0383)</small>		
26 51 13 00-0385			Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) <small>(26 51 13 00-0384)</small>		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0386	EA		47 System Watts, 3,240 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L)	1,096.96	66.02
			For Ceiling Mount, Add	162.28	
			For Quick Clip Mounting Option, Add	19.39	
			For Frosted Lens, Add	41.69	
			For Warm White Color Rendering, Add	55.84	
			For Stanchion Mount, Add	214.42	
			For Wall Mount, Add	220.96	
			For Polycarbonate Lens, Add	80.40	
			For Teflon Coated Lens, Add	88.49	
			For 347 Or 480 Volt AC, Add	121.77	
26 51 13 00-0387	EA		63 System Watts, 3,778 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L)	1,149.14	70.74
			For Ceiling Mount, Add	162.28	
			For Quick Clip Mounting Option, Add	19.39	
			For Frosted Lens, Add	41.69	
			For Warm White Color Rendering, Add	55.84	
			For Stanchion Mount, Add	214.42	
			For Wall Mount, Add	220.96	
			For Polycarbonate Lens, Add	80.40	
			For Teflon Coated Lens, Add	88.49	
			For 347 Or 480 Volt AC, Add	121.77	
26 51 13 00-0388	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L)	1,291.74	75.45
			For Ceiling Mount, Add	162.28	
			For Quick Clip Mounting Option, Add	19.39	
			For Frosted Lens, Add	41.69	
			For Warm White Color Rendering, Add	55.84	
			For Stanchion Mount, Add	214.42	
			For Wall Mount, Add	220.96	
			For Polycarbonate Lens, Add	80.40	
			For Teflon Coated Lens, Add	88.49	
			For 347 Or 480 Volt AC, Add	121.77	
26 51 13 00-0389	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L)	1,593.83	80.17
			For Ceiling Mount, Add	162.28	
			For Quick Clip Mounting Option, Add	19.39	
			For Frosted Lens, Add	41.69	
			For Warm White Color Rendering, Add	55.84	
			For Stanchion Mount, Add	214.42	
			For Wall Mount, Add	220.96	
			For Polycarbonate Lens, Add	80.40	
			For Teflon Coated Lens, Add	88.49	
			For 347 Or 480 Volt AC, Add	121.77	

26 Electrical

26 50 Lighting

26 51 Interior Lighting

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 51 13 00-0390	EA	137 System Watts, 9,720 Lumens, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	1,859.68		84.88
		<i>For Ceiling Mount, Add</i>	162.28		
		<i>For Quick Clip Mounting Option, Add</i>	19.39		
		<i>For Frosted Lens, Add</i>	41.69		
		<i>For Warm White Color Rendering, Add</i>	55.84		
		<i>For Stanchion Mount, Add</i>	214.42		
		<i>For Wall Mount, Add</i>	220.96		
		<i>For Polycarbonate Lens, Add</i>	80.40		
		<i>For Teflon Coated Lens, Add</i>	88.49		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
26 51 13 00-0391		Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) <small>(26 51 13 00-0394)</small>			
		Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.			
26 51 13 00-0392	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM5L).....	1,187.76		70.74
		<i>For Bolt-On Visor, Add</i>	30.49		
		<i>For Bolt-On Wire Guard, Add</i>	55.84		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0393	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM7L).....	1,472.28		75.45
		<i>For Bolt-On Visor, Add</i>	30.49		
		<i>For Bolt-On Wire Guard, Add</i>	55.84		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0394	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM9L).....	1,621.45		80.17
		<i>For Bolt-On Visor, Add</i>	30.49		
		<i>For Bolt-On Wire Guard, Add</i>	55.84		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0395	EA	188 System Watts, 9,481 Lumens, Yoke Mount, Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM11L).....	1,857.22		84.88
		<i>For Bolt-On Visor, Add</i>	30.49		
		<i>For Bolt-On Wire Guard, Add</i>	55.84		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0396		Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) <small>(26 51 13 00-0394)</small>			
		Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.			
26 51 13 00-0397	EA	25 System Watts, 1,400 Lumens, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	707.22		66.02
		<i>For 12/24 Volt DC Driver, Add</i>	23.56		
		<i>For Frosted Lens, Add</i>	26.53		
		<i>For 55 Degree Ambient Suitability (AC Only), Add</i>	32.06		
		<i>For Warm White Color Rendering, Add</i>	37.54		
		<i>For Ceiling Mount, Add</i>	143.83		
		<i>For Wall Mount, Add</i>	167.09		
		<i>For Teflon Coated Lens, Add</i>	101.76		
		<i>For Wall Mount With Junction Box, Add</i>	201.04		
26 51 13 00-0398		Class I Division 2, Hazardous Location, LED Fixtures <small>(26 51 13 00-0383)</small>			
26 51 13 00-0399		Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) <small>(26 51 13 00-0398)</small>			
		Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.			
26 51 13 00-0400	EA	64 System Watts, 3,160 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV5L).....	1,359.58		70.74
		<i>For Bolt-On Visor, Add</i>	35.06		
		<i>For Bolt-On Wire Guard, Add</i>	64.21		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0401	EA	94 System Watts, 4,740 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV7L).....	1,660.66		75.45
		<i>For Bolt-On Visor, Add</i>	35.06		
		<i>For Bolt-On Wire Guard, Add</i>	64.21		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		
26 51 13 00-0402	EA	126 System Watts, 6,320 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV9L).....	1,873.78		80.17
		<i>For Bolt-On Visor, Add</i>	35.06		
		<i>For Bolt-On Wire Guard, Add</i>	64.21		
		<i>For Factory Installed Fuse, Add</i>	78.54		
		<i>For 347 Or 480 Volt AC, Add</i>	121.77		
		<i>For Warm White Color Rendering, Add</i>	124.42		

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

26 51 13 00-0403	EA		188 System Watts, 9,481 Lumens, Yoke Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV11L) <i>For Bolt-On Visor, Add</i> <i>For Bolt-On Wire Guard, Add</i> <i>For Factory Installed Fuse, Add</i> <i>For 347 Or 480 Volt AC, Add</i> <i>For Warm White Color Rendering, Add</i>	2,092.76 35.06 64.21 78.54 121.77 124.42	84.88
26 51 13 00-0404			Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) <small>(26 51 13 00-0398)</small> Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0405	EA		25 System Watts, 1,600 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) <i>For 12/24 Volt DC Driver, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Temperature LEDs, Add</i> <i>For 55 Degree Ambient Suitability (AC Only) Option, Add</i> <i>For Stanchion Mount, Add</i> <i>For Ceiling Mount, Add</i> <i>For Wall Mount, Add</i> <i>For Teflon Coated Lens, Add</i> <i>For Wall Mount With Junction Box, Add</i>	834.99 20.49 23.07 27.88 32.64 149.33 166.47 190.89 88.49 226.54	66.02
26 51 13 00-0406			Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) <small>(26 51 13 00-0398)</small> Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0407	EA		47 System Watts, 3,240 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L) <i>For Ceiling Mount, Add</i> <i>For Quick Clip Mounting Option, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Rendering, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For 347 Or 480 Volt AC, Add</i>	1,244.08 186.98 19.39 47.95 55.84 80.40 121.77	66.02
26 51 13 00-0408	EA		63 System Watts, 3,778 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L) <i>For Ceiling Mount, Add</i> <i>For Quick Clip Mounting Option, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Rendering, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For 347 Or 480 Volt AC, Add</i>	1,376.99 186.98 19.39 47.95 55.84 80.40 121.77	70.74
26 51 13 00-0409	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L) <i>For Ceiling Mount, Add</i> <i>For Quick Clip Mounting Option, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Rendering, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For 347 Or 480 Volt AC, Add</i>	1,646.93 186.98 19.39 47.95 55.84 80.40 121.77	75.45
26 51 13 00-0410	EA		98 System Watts, 6,340 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L) <i>For Ceiling Mount, Add</i> <i>For Quick Clip Mounting Option, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Rendering, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For 347 Or 480 Volt AC, Add</i>	1,999.91 186.98 19.39 47.95 55.84 80.40 121.77	80.17
26 51 13 00-0411	EA		137 System Watts, 9,720 Lumens, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L) <i>For Ceiling Mount, Add</i> <i>For Quick Clip Mounting Option, Add</i> <i>For Frosted Lens, Add</i> <i>For Warm White Color Rendering, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For 347 Or 480 Volt AC, Add</i>	2,251.62 186.98 19.39 47.95 55.84 80.40 121.77	84.88
26 51 13 00-0412			Class I Division 1, Explosion Proof, LED Fixtures <small>(26 51 13 00-0383)</small>		
26 51 13 00-0413			Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) <small>(26 51 13 00-0412)</small> Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 13 00-0414	EA		80 System Watts, 5,625 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L) <i>For Wall Mount, Deduct</i> <i>For Warm Color Temperature LEDs, Add</i> <i>For Stainless Steel Guard, Add</i> <i>For Ceiling Mount, Add</i> <i>For Stanchion Mount, Add</i> <i>For Yoke Mount, Add</i>	1,797.43 254.45 53.18 337.31 350.39 393.86 331.95	70.74

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0415	EA	100 System Watts, 6,750 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L).....	2,180.48	75.45
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51	13 00-0416	EA	130 System Watts, 9,000 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L).....	2,529.47	80.17
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51	13 00-0417	EA	151 System Watts, 10,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L).....	2,884.83	84.88
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51	13 00-0418	EA	175 System Watts, 13,500 Lumens, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	3,338.39	81.74
			<i>For Wall Mount, Deduct</i>	254.45	
			<i>For Warm Color Temperature LEDs, Add</i>	53.18	
			<i>For Stainless Steel Guard, Add</i>	337.31	
			<i>For Ceiling Mount, Add</i>	350.39	
			<i>For Stanchion Mount, Add</i>	393.86	
			<i>For Yoke Mount, Add</i>	331.95	
26 51	13 00-0419		Refrigeration/Display LED Fixtures (26 51 13 00-0243)		
26 51	13 00-0420		Refrigeration/Display LED Fixtures (Lithonia) (26 51 13 00-0419)		
			Note: Fixtures exclude driver.		
26 51	13 00-0421	EA	5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM DLC).....	262.82	36.62
26 51	13 00-0422	EA	5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC).....	334.75	64.84
26 51	13 00-0423	EA	Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL).....	328.16	51.87
26 51	13 00-0424		Recessed Fixtures (26 51 13)		
			Note: Housing and trim priced separately.		
26 51	13 00-0425		Recessed Fixture Housings (26 51 13 00-0424)		
			Note: Lamps included in all prices. The housing insulation must be 3" from housing. ICT may be covered with insulation. Remodel housing may be installed from below ceiling. ICAT housing is air tight. Demo cost of housing includes demo of any fixture trim.		
26 51	13 00-0426		Compact Fluorescent, Recessed Fixture Housings (26 51 13 00-0425)		
26 51	13 00-0427	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	85.02	24.58
26 51	13 00-0428	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	87.11	24.58
26 51	13 00-0429	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	90.50	25.80
26 51	13 00-0430	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	93.36	26.91
26 51	13 00-0431	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	96.55	28.03
26 51	13 00-0432	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	99.94	29.74
26 51	13 00-0433		Fluorescent, Recessed Fixture Housings (26 51 13 00-0425)		
26 51	13 00-0434	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	75.90	24.58
26 51	13 00-0435	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	78.02	24.58
26 51	13 00-0436	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	81.34	25.71
26 51	13 00-0437	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	85.40	26.65
26 51	13 00-0438	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	89.01	28.03
26 51	13 00-0439	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing.....	92.57	29.74
26 51	13 00-0440		High Pressure Sodium, Recessed Fixture Housings (26 51 13 00-0425)		
26 51	13 00-0441	EA	4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	88.03	24.76
26 51	13 00-0442	EA	5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	91.44	24.76
26 51	13 00-0443	EA	6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	95.99	25.80
26 51	13 00-0444	EA	7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	99.58	26.91
26 51	13 00-0445	EA	8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	103.12	28.03
26 51	13 00-0446	EA	10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing.....	106.62	29.74
26 51	13 00-0447		Incandescent, Recessed Fixture Housings (26 51 13 00-0425)		
26 51	13 00-0448	EA	4" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	52.01	24.58
26 51	13 00-0449	EA	5" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	52.01	24.58
26 51	13 00-0450	EA	6" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	55.03	25.80
26 51	13 00-0451	EA	7" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	58.13	26.91
26 51	13 00-0452	EA	8" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	61.23	28.03
26 51	13 00-0453	EA	10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing.....	63.02	29.74

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

26 51 13 00-0454				Recessed Fixture Trim (26 51 13 00-0424)		
26 51 13 00-0455	EA			Circular, Recessed Fixture Trim	36.66	12.04
26 51 13 00-0456	EA			Circular Clear Lens, Recessed Fixture Trim	40.07	12.04
26 51 13 00-0457	EA			Open/Baffle, Recessed Fixture Trim	45.98	12.04
26 51 13 00-0458	EA			Specular Reflector, Recessed Fixture Trim	49.11	12.04
26 51 13 00-0459	EA			Eyeball, Recessed Fixture Trim	40.12	12.04
26 51 13 00-0460	EA			10" To 12" Square, Clear Lens, Recessed Fixture Trim	38.29	12.04
26 51 13 00-0461	EA			10" To 12" Square, Drop Dish, Recessed Fixture Trim	40.39	12.04
26 51 13 00-0462				Recessed Mounted Box Type Fluorescent Fixtures, Direct/Indirect (26 51 13 00-0424)		
26 51 13 00-0463				2' x 2' Recessed Mounted Box Type Direct/Indirect (26 51 13 00-0462)		
26 51 13 00-0464	EA			2' x 2' Recessed Mounted Box Type Direct/Indirect, 3 T5 Lamps	174.32	31.44
				Note: With electronic ballast.		
26 51 13 00-0465				Ceiling Mounted Fixtures (26 51 13)		
26 51 13 00-0466				Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0467				Glass Globe, Compact Fluorescent/Incandescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0468	EA			6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	87.79	34.38
26 51 13 00-0469	EA			9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	100.18	34.38
26 51 13 00-0470				Ceiling Mounted, Circline Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0471				Exposed Lamps, Circline Fluorescent Fixtures (26 51 13 00-0470)		
26 51 13 00-0472	EA			8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	78.37	34.38
26 51 13 00-0473	EA			12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	84.42	34.38
26 51 13 00-0474				Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures (26 51 13 00-0470)		
26 51 13 00-0475	EA			11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	104.21	34.38
26 51 13 00-0476	EA			14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	138.30	34.38
26 51 13 00-0477	EA			19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	161.93	34.38
26 51 13 00-0478	EA			12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	115.25	34.38
26 51 13 00-0479	EA			15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	139.00	34.38
26 51 13 00-0480	EA			19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	161.93	34.38
26 51 13 00-0481				Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0482				Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures (26 51 13 00-0481)		
26 51 13 00-0483	EA			11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	106.85	34.38
26 51 13 00-0484	EA			14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	130.19	34.38
26 51 13 00-0485	EA			19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	151.42	34.38
26 51 13 00-0486	EA			12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	89.36	34.38
26 51 13 00-0487	EA			15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	102.36	34.38
26 51 13 00-0488	EA			19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture	127.01	34.38
26 51 13 00-0489				Pendant Mounted, Compact Fluorescent/Incandescent Downlights (26 51 13 00-0465)		
26 51 13 00-0490				Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights (26 51 13 00-0489)		
26 51 13 00-0491	EA			6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight	148.54	28.25
26 51 13 00-0492				Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle (26 51 13 00-0489)		
26 51 13 00-0493	EA			6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	167.39	28.25
26 51 13 00-0494	EA			8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle	228.22	28.25
26 51 13 00-0495				Pendant Mounted, Horizontal Indirect Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0496	EA			1 T5HO Lamp, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	166.34	28.25
26 51 13 00-0497	EA			2 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	178.31	28.25
26 51 13 00-0498	EA			3 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	212.76	28.25
26 51 13 00-0499	EA			2 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	218.17	28.25
26 51 13 00-0500	EA			4 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	262.54	28.25
26 51 13 00-0501	EA			6 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture	314.07	28.25
26 51 13 00-0502				Finelite Fluorescent Fixtures (26 51 13 00-0465)		
26 51 13 00-0503				Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) (26 51 13 00-0502)		
26 51 13 00-0504	EA			1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	274.36	40.07
26 51 13 00-0505	EA			2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10)	274.72	40.07

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	13 00-0506	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	297.22	40.07
26 51	13 00-0507	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	328.54	40.07
26 51	13 00-0508	EA	2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	360.95	40.07
26 51	13 00-0509	EA	3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	442.06	40.07
26 51	13 00-0510	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	387.13	41.78
26 51	13 00-0511	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	401.13	41.78
26 51	13 00-0512	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	446.13	41.78
26 51	13 00-0513	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	424.65	41.78
26 51	13 00-0514	EA	4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	533.74	41.78
26 51	13 00-0515	EA	6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	629.54	41.78
26 51	13 00-0516	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	508.77	43.50
26 51	13 00-0517	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	531.99	43.50
26 51	13 00-0518	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	590.63	43.50
26 51	13 00-0519	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	587.20	43.50
26 51	13 00-0520	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	728.69	43.50
26 51	13 00-0521	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	874.61	43.50
26 51	13 00-0522		Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) ^(26 51 13 00-0502)		
26 51	13 00-0523	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	258.10	40.07
26 51	13 00-0524	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	278.02	40.07
26 51	13 00-0525	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	280.15	40.07
26 51	13 00-0526	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	372.59	41.78
26 51	13 00-0527	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	394.44	41.78
26 51	13 00-0528	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	398.69	41.78
26 51	13 00-0529	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	487.11	43.50
26 51	13 00-0530	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	546.87	43.50
26 51	13 00-0531	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	553.26	43.50
26 51	13 00-0532		Pendant Mounted, Fluorescent Indirect Fixtures (Finelite Series 8) ^(26 51 13 00-0502)		
26 51	13 00-0533	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	201.60	40.07
26 51	13 00-0534	EA	2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	213.28	40.07
26 51	13 00-0535	EA	3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	250.27	40.07
26 51	13 00-0536	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	259.84	41.78
26 51	13 00-0537	EA	4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	306.22	41.78
26 51	13 00-0538	EA	6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	360.65	41.78
26 51	13 00-0539	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	352.61	43.50
26 51	13 00-0540	EA	6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	431.38	43.50
26 51	13 00-0541	EA	9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Indirect Fixture (Finelite Series 8-I).....	514.74	43.50
26 51	13 00-0542		Track Lighting ^(26 51 13)		
26 51	13 00-0543		Track Lighting Tracks ^(26 51 13 00-0542)		
26 51	13 00-0544	LF	1 Circuit Track Lighting Track.....	22.74	5.67
26 51	13 00-0545	LF	2 Circuit Track Lighting Track.....	30.17	5.67
26 51	13 00-0546	LF	3 Circuit Track Lighting Track.....	36.47	5.67
26 51	13 00-0547	LF	4 Circuit Track Lighting Track.....	42.76	6.87
26 51	13 00-0548		Track Lighting Fixtures ^(26 51 13 00-0542)		

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

26 51 13 00-0549			Compact Fluorescent Track Lighting Fixtures <small>(26 51 13 00-0548)</small>		
26 51 13 00-0550	EA		Compact Fluorescent Track Lighting Fixture	53.68	14.36
26 51 13 00-0551			Fluorescent Track Lighting Fixtures <small>(26 51 13 00-0548)</small>		
26 51 13 00-0552	EA		2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	259.30	14.36
26 51 13 00-0553	EA		2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	271.29	14.36
26 51 13 00-0554	EA		2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	278.79	14.36
26 51 13 00-0555	EA		2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	246.38	14.36
26 51 13 00-0556	EA		2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	315.34	14.36
26 51 13 00-0557			Metal Halide Track Lighting Fixtures <small>(26 51 13 00-0548)</small>		
26 51 13 00-0558	EA		Metal Halide Track Lighting Fixture	56.45	14.36
26 51 13 00-0559			Incandescent Track Lighting Fixtures <small>(26 51 13 00-0548)</small>		
26 51 13 00-0560	EA		Incandescent Track Lighting Fixture	46.80	14.36
26 51 13 00-0561	EA		Par 20 Track Fixture, White Or Black Finish, 120 Volt.....	60.66	14.36
26 51 13 00-0562	EA		Par 30 Track Fixture, White Or Black Finish, 120 Volt.....	90.90	14.36
26 51 13 00-0563	EA		Par 38 Track Fixture, White Or Black Finish, 120 Volt.....	93.90	14.36
26 51 13 00-0564	EA		PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	74.35	14.36
26 51 13 00-0565	EA		PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	60.66	14.36
26 51 13 00-0566	EA		PAR 30, Baffled Cylinder Track Fixture, White or Black Finish..... Note: 120V.	72.91	14.36
26 51 13 00-0567	EA		PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	96.89	14.36
26 51 13 00-0568			LED Track Lighting Fixtures <small>(26 51 13 00-0548)</small>		
26 51 13 00-0569	EA		19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™)	207.49	14.36
26 51 13 00-0570	EA		18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED).....	369.47	14.36
26 51 13 00-0571	EA		24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33)	213.65	14.36
26 51 13 00-0572			Track Lighting Accessories <small>(26 51 13 00-0542)</small>		
26 51 13 00-0573			Pendant Mounting <small>(26 51 13 00-0572)</small>		
26 51 13 00-0574	EA		Track Lighting Pendant Mounting, Up to 12"	23.05	
26 51 13 00-0575	EA		Track Lighting Pendant Mounting, >12" To 24"	30.51	
26 51 13 00-0576	EA		Track Lighting Pendant Mounting, >24" To 36"	37.49	
26 51 13 00-0577			Wet Location, Dust Resistant, Vapor Tight Fixtures <small>(26 51 13)</small>		
26 51 13 00-0578			Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0577)</small>		
26 51 13 00-0579			Incandescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0578)</small>		
26 51 13 00-0580	EA		100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	119.42	34.38
26 51 13 00-0581	EA		200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	140.84	34.38
26 51 13 00-0582			Compact Fluorescent, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0578)</small>		
26 51 13 00-0583	EA		13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	130.47	34.38
26 51 13 00-0584	EA		22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	134.68	34.38
26 51 13 00-0585	EA		28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	145.10	34.38
26 51 13 00-0586			Metal Halide, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0578)</small>		
26 51 13 00-0587	EA		75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	167.11	34.38
26 51 13 00-0588	EA		100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	173.02	34.38
26 51 13 00-0589	EA		150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	185.02	34.38
26 51 13 00-0590	EA		175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	203.07	34.38
26 51 13 00-0591			High Pressure Sodium, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 13 00-0578)</small>		
26 51 13 00-0592	EA		70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	153.05	34.38
26 51 13 00-0593	EA		100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	160.39	34.38
26 51 13 00-0594	EA		150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture	188.76	34.38
26 51 13 00-0595			Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 13 00-0577)</small>		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 51 13 00-0596		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 13 00-0595)</small>			
26 51 13 00-0597		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) <small>(26 51 13 00-0596)</small>			
		Note: Includes high impact acrylic molded lens.			
26 51 13 00-0598	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	163.63		36.62
		For T5 Fixture Instead Of T8, Add	12.44		
26 51 13 00-0599	EA	2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	171.92		36.62
		For T5 Fixture Instead Of T8, Add	13.39		
26 51 13 00-0600	EA	3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)	259.90		36.62
		For T5 Fixture Instead Of T8, Add	23.46		
26 51 13 00-0601	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	224.08		36.62
26 51 13 00-0602	EA	2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	351.12		36.62
26 51 13 00-0603		4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) <small>(26 51 13 00-0596)</small>			
		Note: Includes high impact acrylic molded lens.			
26 51 13 00-0604	EA	1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	197.56		36.62
26 51 13 00-0605	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	200.93		36.62
26 51 13 00-0606	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	287.37		36.62
26 51 13 00-0607	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	237.09		36.62
26 51 13 00-0608	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W)	247.30		36.62
26 51 13 00-0609		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 13 00-0595)</small>			
		Note: Includes high impact acrylic molded lens.			
26 51 13 00-0610		8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) <small>(26 51 13 00-0609)</small>			
		Note: Includes high impact acrylic molded lens.			
26 51 13 00-0611	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	300.71		49.75
		For T5 Fixture Instead Of T8, Add	25.88		
26 51 13 00-0612	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)	314.31		49.75
		For T5 Fixture Instead Of T8, Add	27.44		
26 51 13 00-0613		Large Interior Area Fixtures <small>(26 51 13)</small>			
26 51 13 00-0614		Recessed Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0613)</small>			
		Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.			
26 51 13 00-0615		High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0614)</small>			
26 51 13 00-0616	EA	150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	269.56		91.65
26 51 13 00-0617	EA	250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	280.16		97.32
26 51 13 00-0618	EA	400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture	301.23		111.07
26 51 13 00-0619		Metal Halide, Recessed Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0614)</small>			
26 51 13 00-0620	EA	150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	274.10		91.65
26 51 13 00-0621	EA	250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	281.05		97.32
26 51 13 00-0622	EA	400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture	301.02		111.07
26 51 13 00-0623		Low Bay Fixtures, Large Interior Area Fixtures <small>(26 51 13 00-0613)</small>			
		Note: Heavy duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.			
26 51 13 00-0624		High Pressure Sodium, Low Bay Fixtures <small>(26 51 13 00-0623)</small>			
26 51 13 00-0625	EA	150 Watt High Pressure Sodium, Low Bay Fixture	403.98		83.78
26 51 13 00-0626	EA	250 Watt High Pressure Sodium, Low Bay Fixture	412.28		88.97
26 51 13 00-0627	EA	400 Watt High Pressure Sodium, Low Bay Fixture	437.57		101.54
26 51 13 00-0628		Metal Halide, Low Bay Fixtures <small>(26 51 13 00-0623)</small>			
26 51 13 00-0629	EA	175 Watt Metal Halide, Low Bay Fixture	403.89		83.78
26 51 13 00-0630	EA	250 Watt Metal Halide, Low Bay Fixture	411.49		88.97
26 51 13 00-0631	EA	400 Watt Metal Halide, Low Bay Fixture	435.52		101.54
26 51 13 00-0632		High Bay Fixtures, Large Interior Area Fixtures <small>(26 51 13 00-0613)</small>			
		Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.			
26 51 13 00-0633		High Pressure Sodium, High Bay Fixtures <small>(26 51 13 00-0632)</small>			
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.			
26 51 13 00-0634	EA	250 Watt High Pressure Sodium, High Bay Fixture	361.00		88.97
26 51 13 00-0635	EA	400 Watt High Pressure Sodium, High Bay Fixture	391.70		101.54
26 51 13 00-0636	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	584.93		106.81
26 51 13 00-0637		Metal Halide, High Bay Fixtures <small>(26 51 13 00-0632)</small>			
		Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.			
26 51 13 00-0638	EA	250 Watt Metal Halide, High Bay Fixture	336.13		88.97
26 51 13 00-0639	EA	400 Watt Metal Halide, High Bay Fixture	359.95		101.54
26 51 13 00-0640	EA	1,000 Watt Metal Halide, High Bay Fixture	497.92		106.81

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

26 51 13 00-0641	(T8) Fluorescent, High Bay Fixtures (26 51 13 00-0632)		
26 51 13 00-0642	(T8) Fluorescent, High Bay Fixtures (Lithonia) (26 51 13 00-0641) Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 13 00-0643	EA 2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	290.24 40.50 47.75 54.00	80.16
26 51 13 00-0644	EA 3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	307.18 40.50 47.75 54.00	88.81
26 51 13 00-0645	EA 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	349.61 40.50 47.75 54.00	101.39
26 51 13 00-0646	EA 6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	415.64 40.50 47.75 54.00	106.81
26 51 13 00-0647	EA 8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	452.95 40.50 47.75 54.00	111.76
26 51 13 00-0648	EA 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	369.13 40.50 47.75 54.00	101.39
26 51 13 00-0649	EA 6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	386.57 40.50 47.75 54.00	106.81
26 51 13 00-0650	EA 8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	452.75 40.50 47.75 54.00	111.76
26 51 13 00-0651	(T5HO) Fluorescent, High Bay Fixtures (26 51 13 00-0632)		
26 51 13 00-0652	(T5HO) Fluorescent, High Bay Fixtures (Lithonia) (26 51 13 00-0651) Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 13 00-0653	EA 2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	295.10 40.50 47.75 54.00	80.16
26 51 13 00-0654	EA 3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	313.09 40.50 47.75 54.00	88.81
26 51 13 00-0655	EA 4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	358.45 40.50 47.75 54.00	101.39
26 51 13 00-0656	EA 6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	431.43 40.50 47.75 54.00	106.81
26 51 13 00-0657	EA 4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	400.25 40.50 47.75 54.00	101.39
26 51 13 00-0658	EA 6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	446.81 40.50 47.75 54.00	106.81
26 51 13 00-0659	EA 8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... For Wire Guard, Add For Polycarbonate Lens, Add For Acrylic Lens, Add	536.07 40.50 47.75 54.00	111.76
26 51 13 00-0660	Induction, High Bay Fixtures (26 51 13 00-0632)		
26 51 13 00-0661	Induction, High Bay Fixtures (Everlast®) (26 51 13 00-0660) Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51 13 00-0662	EA 100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	449.36 20.00	77.81
26 51 13 00-0663	EA 120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	485.32 20.00	80.40
26 51 13 00-0664	EA 150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	493.67 20.00	83.00
26 51 13 00-0665	EA 200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	542.87 20.00	85.59
26 51 13 00-0666	EA 250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	556.74 20.00	88.18
26 51 13 00-0667	EA 100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)..... For Impact Resistant Silicon Lens, Add	488.01 20.00	77.81

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 51	13 00-0668	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) <i>For Impact Resistant Silicon Lens, Add</i>	523.97 20.00	80.40
26 51	13 00-0669	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) <i>For Impact Resistant Silicon Lens, Add</i>	532.32 20.00	83.00
26 51	13 00-0670	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) <i>For Impact Resistant Silicon Lens, Add</i>	581.52 20.00	85.59
26 51	13 00-0671	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) <i>For Impact Resistant Silicon Lens, Add</i>	595.39 20.00	88.18
26 51	13 00-0672		LED, High Bay Fixtures <small>(26 51 13 00-0632)</small>		
26 51	13 00-0673		LED High Bay Fixtures (Lithonia IBL) <small>(26 51 13 00-0672)</small> Note: Includes aluminum alloy chassis.		
26 51	13 00-0674	EA	9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	565.12	86.45
26 51	13 00-0675	EA	12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	620.33	86.45
26 51	13 00-0676	EA	18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	769.41	86.45
26 51	13 00-0677	EA	24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	829.04	86.45
26 51	13 00-0678		LED High Bay Fixtures (PlanLED) <small>(26 51 13 00-0672)</small>		
26 51	13 00-0679		LED High Bay Fixtures (PlanLED LUNA) <small>(26 51 13 00-0678)</small> Note: Includes aluminum alloy chassis.		
26 51	13 00-0680	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70)	521.51	86.45
26 51	13 00-0681	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98)	608.66	86.45
26 51	13 00-0682	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130)	652.76	86.45
26 51	13 00-0683	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160)	703.16	86.45
26 51	13 00-0684		LED High Bay Fixtures (PlanLED IBL) <small>(26 51 13 00-0678)</small> Note: Includes aluminum alloy chassis.		
26 51	13 00-0685	EA	13,650 Lumens, 130 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W)..... <i>For 347-480 Volt, Add</i>	516.26 42.00	86.45
26 51	13 00-0686	EA	21,000 Lumens, 200 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W)..... <i>For 347-480 Volt, Add</i>	687.41 51.45	86.45
26 51	13 00-0687	EA	42,000 Lumens, 400 System Watts, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W)..... <i>For 347-480 Volt, Add</i>	1,194.56 57.75	86.45
26 51	13 00-0688		LED High Bay Fixtures (PlanLED SEGA) <small>(26 51 13 00-0678)</small> Note: Includes aluminum alloy chassis.		
26 51	13 00-0689	EA	10,400 Lumens, 80 System Watts, LED High Bay Fixture (PlanLED SEGA SE080)..... <i>For 0 To 10 Volt Dimming, Add</i>	448.01 29.40	86.45
26 51	13 00-0690	EA	13,000 Lumens, 100 System Watts, LED High Bay Fixture (PlanLED SEGA SE100)..... <i>For 0 To 10 Volt Dimming, Add</i>	453.26 29.40	86.45
26 51	13 00-0691	EA	16,900 Lumens, 130 System Watts, LED High Bay Fixture (PlanLED SEGA SE130)..... <i>For 0 To 10 Volt Dimming, Add</i>	526.76 29.40	86.45
26 51	13 00-0692	EA	20,800 Lumens, 160 System Watts, LED High Bay Fixture (PlanLED SEGA SE160)..... <i>For 0 To 10 Volt Dimming, Add</i>	599.21 29.40	86.45
26 51	13 00-0693	EA	50,000 Lumens, 400 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE400)	1,288.01	86.45
26 51	13 00-0694	EA	57,040 Lumens, 500 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE500)	1,288.01	86.45
26 51	13 00-0695	EA	80,000 Lumens, 640 System Watts, Array, LED High Bay Fixture (PlanLED SEGA SE640)	1,905.41	86.45
26 51	13 00-0696		Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0613)</small> Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51	13 00-0697		High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0696)</small>		
26 51	13 00-0698	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	321.81	59.58
26 51	13 00-0699	EA	150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	367.34	59.58
26 51	13 00-0700	EA	250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	418.55	59.58
26 51	13 00-0701	EA	400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	558.28	59.58
26 51	13 00-0702		Metal Halide, Ceiling Mounted, Large Interior Area Fixtures <small>(26 51 13 00-0696)</small>		
26 51	13 00-0703	EA	100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	272.88	59.58
26 51	13 00-0704	EA	175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	292.98	66.11
26 51	13 00-0705	EA	250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	310.58	71.61
26 51	13 00-0706	EA	400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture	337.80	85.28
26 51	13 00-0707		Interior Lighting Accessories <small>(26 51 13)</small>		
26 51	13 00-0708	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	0.92	
26 51	13 00-0709		Lighting Accessories <small>(26 51 13)</small>		
26 51	13 00-0710		Modular Flexible Wiring Systems <small>(26 51 13 00-0709)</small>		
26 51	13 00-0711	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10)	56.28	4.64
26 51	13 00-0712	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15)	64.61	4.64
26 51	13 00-0713	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20)	77.45	4.64
26 51	13 00-0714	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15)	64.61	4.64
26 51	13 00-0715	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E)	58.23	4.64

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

26 51 13 00-0716	EA		13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13)	84.08	4.64
26 51 13 00-0717	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M)	47.35	4.64
26 51 13 00-0718	EA		3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E).....	53.07	4.64
26 51 13 00-0719	EA		7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07).....	66.38	4.64
26 51 13 00-0720	EA		7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07).....	66.38	4.64
26 51 13 00-0721	EA		7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07).....	67.46	4.64
26 51 13 00-0722	EA		7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07)	67.06	4.64
26 51 13 00-0723	EA		7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07)	67.06	4.64
26 51 13 00-0724	EA		15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15).....	76.68	4.64
26 51 13 00-0725	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D).....	36.65	4.64
26 51 13 00-0726	EA		3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E).....	34.40	4.64
26 51 13 00-0727	EA		3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E).....	35.18	4.64
26 51 13 00-0728	EA		3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E).....	43.51	4.64
26 51 13 00-0729	EA		15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15).....	56.28	4.64
26 51 13 00-0730	EA		15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LC-27-1E-15)	57.63	4.64
26 51 13 00-0731	EA		Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E).....	45.58	4.64
26 51 13 00-0732	EA		3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E)	34.40	4.64
26 51 13 00-0733	EA		Remove And Reinstall Of Modular Wiring Complete Including Storage And Cleaning.....	38.68	
26 51 13 00-0734			Removal And Reinstallation Of Light Fixtures <small>(26 51 13)</small>		
			Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 13 00-0735	EA		Remove And Reinstall Lay-In Fluorescent Light Fixture	91.57	
26 51 13 00-0736	EA		Remove And Reinstall Surface Mounted Or Pendant Light Fixture	104.64	
26 51 13 00-0737			Retrofit Existing Fluorescent Fixtures <small>(26 51 13)</small>		
26 51 13 00-0738	EA		Convert 1L F96 fixture to operate (2) F32T8 lamps	166.25	
			Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
			For Specular Reflector, Add	21.19	
			For Retrofit Kit Without Ballast, Deduct	-61.71	
26 51 13 00-0739	EA		Convert 2L F96 fixture to operate (4) F32T8 lamps	170.55	
			Note: Includes white enameled 8' reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
			For Specular Reflector, Add	21.19	
			For Retrofit Kit Without Ballast, Deduct	-62.35	
26 51 13 00-0740	EA		Convert 1L UFB40 fixture to operate (2) F17T8 lamps	102.44	
			Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
			For Specular Reflector, Add	6.35	
			For Retrofit Kit Without Ballast, Deduct	-35.05	
26 51 13 00-0741	EA		Convert 2L UFB40 fixture to operate (3) F17T8 lamps	105.88	
			Note: Includes white enameled reflective fixture pan, pre-wired with lampholders and ballast. Excludes lamps.		
			For Specular Reflector, Add	6.35	
			For Retrofit Kit Without Ballast, Deduct	-35.56	
26 51 13 00-0742			Other Fixtures <small>(26 51 13)</small>		
26 51 13 00-0743			Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0742)</small>		
			Note: 16 gauge welded steel body with powder coated finish, polycarbonate lens, and tamper resistant screws.		
26 51 13 00-0744			6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0745	EA		1 T8 Lamp, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	126.55	24.60
26 51 13 00-0746	EA		2 T8 Lamps, 6" x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	148.68	24.60
26 51 13 00-0747			6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0748	EA		1 T8 Lamp, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	137.87	25.62
26 51 13 00-0749	EA		2 T8 Lamps, 6" x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures	163.66	25.62
26 51 13 00-0750			8-1/4" x 2', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0751	EA		8-1/4" x 2', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	191.83	39.55
26 51 13 00-0752	EA		8-1/4" x 2', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	200.33	39.55
26 51 13 00-0753			8-1/4" x 4', Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0754	EA		8-1/4" x 4', 1 T8 Lamp, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF)	217.34	39.55
26 51 13 00-0755	EA		8-1/4" x 4', 2 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	224.63	39.55
26 51 13 00-0756	EA		8-1/4" x 4', 3 T8 Lamps, Vandal Proof, Surface Mounted, Wraparound Fluorescent Fixture (Lightron VPF).....	234.34	39.55
26 51 13 00-0757			1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0758	EA		2 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	153.29	27.20
26 51 13 00-0759	EA		3 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	179.83	27.20
26 51 13 00-0760	EA		4 T8 Lamps, 1' x 2', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	192.54	27.20
26 51 13 00-0761			1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures <small>(26 51 13 00-0743)</small>		
26 51 13 00-0762	EA		2 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	168.06	28.76
26 51 13 00-0763	EA		3 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	198.46	28.76
26 51 13 00-0764	EA		4 T8 Lamps, 1' x 4', Surface Mounted, Vandal Proof, Wraparound Fluorescent Fixtures.....	213.85	28.76

26 Electrical**26 50 Lighting****26 51 Interior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 52 Emergency Lighting (26 50)**26 52 00 00-0001 Commercial Emergency Lights** (26 52)**26 52 00 00-0002 Polycarbonate Housing, Commercial Emergency Lights** (26 52 00 00-0001)

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 00 00-0003	EA	3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED)	135.59	21.50
26 52 00 00-0004	EA	10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2)	96.67	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	
26 52 00 00-0005	EA	18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618)	147.60	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	
26 52 00 00-0006	EA	27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627)	170.66	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	
26 52 00 00-0007	EA	54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654)	249.91	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	
26 52 00 00-0008	EA	54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254)	282.08	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	
26 52 00 00-0009	EA	72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272)	407.41	21.50
		<i>For Halogen Lamps, Add</i>	27.55	
		<i>For Self-Diagnostics, Add</i>	87.50	

26 52 00 00-0010 Remote Heads For Commercial Emergency Lights (26 52 00 00-0001)

Note: For use with fixtures that have remote capability.

26 52 00 00-0011	EA	6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606)	91.05	12.90
26 52 00 00-0012	EA	6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606)	91.63	12.90
26 52 00 00-0013	EA	8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806)	93.57	12.90
26 52 00 00-0014	EA	12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212)	93.26	12.90
26 52 00 00-0015	EA	12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212)	81.31	12.90
26 52 00 00-0016	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	57.59	12.90

26 52 00 00-0017 Industrial Emergency Lights (26 52)**26 52 00 00-0018 Painted Steel Housing, Industrial Emergency Lights** (26 52 00 00-0017)**26 52 00 00-0019 Painted Steel Housing, Industrial Emergency Lights** (26 52 00 00-0018)

Note: Includes lead-calcium batteries and two adjustable lamp heads.

26 52 00 00-0020	EA	16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16)	232.41	21.50
		<i>For Wireguard, Add</i>	113.97	
26 52 00 00-0021	EA	24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24)	196.42	21.50
		<i>For Wireguard, Add</i>	113.97	
26 52 00 00-0022	EA	36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36)	301.60	21.50
		<i>For Wireguard, Add</i>	113.97	
26 52 00 00-0023	EA	50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50)	319.75	21.50
		<i>For Wireguard, Add</i>	113.97	
26 52 00 00-0024	EA	125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125)	452.88	21.50
		<i>For Wireguard, Add</i>	121.39	
26 52 00 00-0025	EA	275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275)	707.55	21.50
		<i>For Wireguard, Add</i>	121.39	

26 52 00 00-0026 Remote Heads For Painted Steel Housing, Industrial Emergency Lights (26 52 00 00-0018)

Note: For use with fixtures that have remote capability.

26 52 00 00-0027	EA	8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806)	71.26	12.90
		<i>For Wireguard, Add</i>	91.98	
26 52 00 00-0028	EA	12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206)	73.52	12.90
		<i>For Wireguard, Add</i>	91.98	
26 52 00 00-0029	EA	8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812)	71.58	12.90
		<i>For Wireguard, Add</i>	91.98	
26 52 00 00-0030	EA	12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212)	71.95	12.90
		<i>For Wireguard, Add</i>	91.98	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 00 00-0031	EA		12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	73.52	12.90
			<i>For Wireguard, Add</i>	91.98	
26 52 00 00-0032	EA		12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	85.00	12.90
			<i>For Wireguard, Add</i>	91.98	
26 52 00 00-0033			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 00 00-0017)</small>		
26 52 00 00-0034			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 00 00-0033)</small>		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 00 00-0035	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618).....	229.51	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 00 00-0036	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	248.72	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 00 00-0037	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	243.46	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 00 00-0038	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	256.87	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 00 00-0039	EA		100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	426.83	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 00 00-0040	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	337.12	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 00 00-0041	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	376.58	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 00 00-0042	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	396.58	21.50
			<i>For Wireguard, Add</i>	110.81	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 00 00-0043			Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 00 00-0033)</small>		
			Note: For use with fixtures that have remote capability.		
26 52 00 00-0044	EA		9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	62.58	12.90
26 52 00 00-0045	EA		12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	67.16	12.90
26 52 00 00-0046	EA		9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	62.63	12.90
26 52 00 00-0047	EA		12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	66.00	12.90
26 52 00 00-0048	EA		12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	57.35	12.90
26 52 00 00-0049			Outdoor Emergency Lights <small>(26 52)</small>		
26 52 00 00-0050			Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights <small>(26 52 00 00-0049)</small>		
			Note: Includes nickel-cadmium batteries.		
26 52 00 00-0051	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	356.32	21.50
26 52 00 00-0052	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	423.41	21.50
26 52 00 00-0053			Recessed Emergency Lights <small>(26 52)</small>		
26 52 00 00-0054	EA		10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	386.87	21.50
			<i>For Wire Guard, Add</i>	60.00	
26 52 00 00-0055	EA		16 Watts At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	317.61	42.98
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	121.39	
26 52 00 00-0056	EA		50 Watts At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	447.63	42.98
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	121.39	
26 52 00 00-0057			Square Wraparound Emergency Lights <small>(26 52)</small>		

26 Electrical
26 50 Lighting
26 52 Emergency Lighting



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 52 00 00-0058	EA	10 Watts At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	181.80	21.50
------------------	----	---	--------	-------

26 53 Exit Signs (26 53)

Note: Excludes pendants.

26 53 00 00-0001 LED Exit Signs (26 53)
 Note: Includes red LED lamps.

26 53 00 00-0002	EA	Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM).....	115.77	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0003	EA	Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM)	115.77	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0004	EA	Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN).....	173.56	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
26 53 00 00-0005	EA	Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	173.56	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
26 53 00 00-0006	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC).....	196.26	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0007	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC)	216.28	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0008	EA	Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN).....	209.61	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
26 53 00 00-0009	EA	Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC ELN)	229.62	31.42
		<i>For Green LED Lamps, Add</i>	15.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
26 53 00 00-0010	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM)	207.01	31.42
		Note: Includes two circular side mounted krypton emergency lights.		
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0011	EA	Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM LED)	295.36	31.42
		Note: Includes two circular side mounted LED emergency lights.		
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0012	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH).....	253.04	31.42
		Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
		<i>For Green LED Lamps, Add</i>	15.00	
26 53 00 00-0013	EA	Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM).....	263.92	31.42
		Note: Includes two circular side mounted PAR 36 emergency lights.		
		<i>For Green LED Lamps, Add</i>	15.00	

26 53 00 00-0014 Edge-Lit LED Exit Signs (26 53)
 Note: Includes red LED lamps.

26 53 00 00-0015	EA	Single Face, Edge-Lit LED Exit Sign.....	231.14	31.42
		<i>For Green LED Lamps, Add</i>	40.00	
26 53 00 00-0016	EA	Double Face, Edge-Lit LED Exit Sign	246.97	31.42
		<i>For Green LED Lamps, Add</i>	40.00	
26 53 00 00-0017	EA	Single Face, Edge-Lit LED Exit Sign With Battery Back-Up	280.02	31.42
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For Self-Diagnostics, Add</i>	50.00	
26 53 00 00-0018	EA	Double Face, Edge-Lit LED Exit Sign With Battery Back-Up	291.68	31.42
		<i>For Green LED Lamps, Add</i>	40.00	
		<i>For Self-Diagnostics, Add</i>	50.00	

26 53 00 00-0019 Self-Luminous Tritium Exit Signs (26 53)
 Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.

26 53 00 00-0020	EA	10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	309.10	31.42
26 53 00 00-0021	EA	10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	555.10	31.42
26 53 00 00-0022	EA	20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	365.14	31.42
26 53 00 00-0023	EA	20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign	600.08	31.42
26 53 00 00-0024	EA	10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	336.99	31.42
26 53 00 00-0025	EA	10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	600.08	31.42
26 53 00 00-0026	EA	20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign.....	409.87	31.42
26 53 00 00-0027	EA	20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign	741.10	31.42

26 53 00 00-0028 Vandal-Resistant LED Exit Signs (26 53)
 Note: Includes red LED lamps.

26 53 00 00-0029	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign.....	292.53	31.42
26 53 00 00-0030	EA	Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup	444.86	31.42
26 53 00 00-0031	EA	Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup.....	538.26	31.42

26 53 00 00-0032 Remove And Reinstall Exit Light Fixture (26 53)

26 53 00 00-0033	EA	Removal And Reinstall Of Exit Light Fixtures	64.48	
		Note: Includes storage and cleaning.		

26 53 00 00-0034 Exit Sign Accessories (26 53)

26 53 00 00-0035	EA	Polycarbonate Vandal Shield For Exit Signs.....	69.83	8.61
26 53 00 00-0036	EA	Wire Guard For Exit Signs Or Emergency Lights.....	42.42	8.61

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

26 53 00 00-0037	EA		Wire Guard For Combination Exit Sign And Emergency Light.....	64.18	6.89
26 53 00 00-0038	EA		Replacement Battery For Exit Signs	70.93	10.76

26 55 Special Purpose Lighting (26 50)

26 55 61 Theatrical Lighting (26 55)

26 55 61 00-0001 Stage Lighting (26 55 61)

26 55 61 00-0002	EA		Ellipsoidal Spotlight, Two 6" x 9" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	384.42	104.53
26 55 61 00-0003	EA		Ellipsoidal Spotlight, Two 6" x 12" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	384.42	104.53
26 55 61 00-0004	EA		Ellipsoidal Spotlight, Two 6" x 16" Lenses Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20A, 3W ground, male pin connector and high performance lamp.	384.42	104.53
26 55 61 00-0005	EA		14" Scoop Floodlight Altman #SC14.....	378.05	104.53
26 55 61 00-0006	EA		6" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	276.11	104.53
26 55 61 00-0007	EA		8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	433.26	104.53
26 55 61 00-0008	EA		Follow Spotlight With Steel Chassis And Lightweight..... Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,176.53	104.53
26 55 61 00-0009	EA		Follow Spotlight With Steel Chassis And Lightweight..... Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	1,537.54	104.53
26 55 61 00-0010	EA		PAR 64 Can Lighting With 20 Gauge Sheet Steel..... Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	258.10	104.53
26 55 61 00-0011	EA		6' Long Borderlight Sections..... Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	706.23	104.53

26 55 70 Healthcare Lighting (26 55)

26 55 70 00-0001 Surgical Lighting Fixtures (26 55 70)

26 55 70 00-0002	EA		Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen.....	3,094.33	
26 55 70 00-0003	EA		Install Owner Furnished Surgical Lights	504.55	

26 55 70 00-0004 Patient Care Fluorescent Fixtures (26 55 70)

26 55 70 00-0005 Ambient And Exam Combination, Patient Care Fluorescent Fixtures

(Cooper Fail-Safe) <small>(26 55 70 00-0004)</small>					
Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0006	EA		2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	745.04	39.55
26 55 70 00-0007	EA		2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE)	820.95	39.55
26 55 70 00-0008	EA		2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2)	670.29	39.55

26 55 70 00-0009 Reading, Ambient And Exam Combination, Patient Care Fluorescent

Fixtures (Cooper Fail-Safe) <small>(26 55 70 00-0004)</small>					
Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0010	EA		2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR)	739.31	39.55

26 55 70 00-0011 Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) (26 55 70 00-0004)

Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.					
26 55 70 00-0012	EA		2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC)	1,114.51	39.55

26 56 Exterior Lighting (26 50)

26 56 13 Lighting Poles And Standards (26 56)

26 56 13 00-0001 Poles And Standards (26 56 13)
See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole, 26 56 19 00-0000 for street light fixtures.

26 56 13 00-0002 Roadway Light Poles (26 56 13 00-0001)

26 56 13 00-0003 Steel Roadway Light Poles (26 56 13 00-0002)
Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).

26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles (26 56 13 00-0003)

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0005		Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0006		Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0005)</small>		
26 56 13 00-0007	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,818.23	281.78
		For Galvanized Finish, Add	67.64	
		For >10 To 20, Deduct	-70.46	
		For >20 To 40, Deduct	-140.91	
		For >40, Deduct	-225.46	
26 56 13 00-0008	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,823.79	281.78
		For Galvanized Finish, Add	67.81	
		For >10 To 20, Deduct	-70.59	
		For >20 To 40, Deduct	-141.19	
		For >40, Deduct	-225.87	
26 56 13 00-0009	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,044.66	375.71
		For Galvanized Finish, Add	68.80	
		For >10 To 20, Deduct	-76.12	
		For >20 To 40, Deduct	-152.23	
		For >40, Deduct	-247.13	
26 56 13 00-0010	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,111.67	375.71
		For Galvanized Finish, Add	70.81	
		For >10 To 20, Deduct	-77.79	
		For >20 To 40, Deduct	-155.58	
		For >40, Deduct	-252.16	
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,178.67	375.71
		For Galvanized Finish, Add	72.82	
		For >10 To 20, Deduct	-79.47	
		For >20 To 40, Deduct	-158.93	
		For >40, Deduct	-257.19	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,286.72	422.67
		For Galvanized Finish, Add	73.24	
		For >10 To 20, Deduct	-82.17	
		For >20 To 40, Deduct	-164.34	
		For >40, Deduct	-267.64	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,318.49	422.67
		For Galvanized Finish, Add	74.19	
		For >10 To 20, Deduct	-82.96	
		For >20 To 40, Deduct	-165.92	
		For >40, Deduct	-270.02	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,324.54	422.67
		For Galvanized Finish, Add	74.38	
		For >10 To 20, Deduct	-83.11	
		For >20 To 40, Deduct	-166.23	
		For >40, Deduct	-270.47	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,484.31	446.15
		For Galvanized Finish, Add	77.76	
		For >10 To 20, Deduct	-87.11	
		For >20 To 40, Deduct	-174.22	
		For >40, Deduct	-283.63	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,508.31	446.15
		For Galvanized Finish, Add	78.48	
		For >10 To 20, Deduct	-87.71	
		For >20 To 40, Deduct	-175.42	
		For >40, Deduct	-285.43	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,534.52	446.15
		For Galvanized Finish, Add	79.27	
		For >10 To 20, Deduct	-88.36	
		For >20 To 40, Deduct	-176.73	
		For >40, Deduct	-287.40	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,050.92	469.64
		For Galvanized Finish, Add	93.35	
		For >10 To 20, Deduct	-101.27	
		For >20 To 40, Deduct	-202.55	
		For >40, Deduct	-327.30	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,059.46	469.64
		For Galvanized Finish, Add	93.61	
		For >10 To 20, Deduct	-101.49	
		For >20 To 40, Deduct	-202.97	
		For >40, Deduct	-327.94	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,067.91	469.64
		For Galvanized Finish, Add	93.86	
		For >10 To 20, Deduct	-101.70	
		For >20 To 40, Deduct	-203.40	
		For >40, Deduct	-328.58	

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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0021			Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms <small>(26 56 13 00-0005)</small>		
26 56 13 00-0022	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,520.31	328.74
			For Galvanized Finish, Add	85.88	
			For >10 To 20, Deduct	-88.01	
			For >20 To 40, Deduct	-176.02	
			For >40, Deduct	-280.46	
26 56 13 00-0023	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,579.59	340.49
			For Galvanized Finish, Add	86.96	
			For >10 To 20, Deduct	-89.49	
			For >20 To 40, Deduct	-178.98	
			For >40, Deduct	-285.49	
26 56 13 00-0024	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,630.05	352.22
			For Galvanized Finish, Add	87.77	
			For >10 To 20, Deduct	-90.75	
			For >20 To 40, Deduct	-181.50	
			For >40, Deduct	-289.87	
26 56 13 00-0025	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,476.03	422.67
			For Galvanized Finish, Add	78.92	
			For >10 To 20, Deduct	-86.90	
			For >20 To 40, Deduct	-173.80	
			For >40, Deduct	-281.84	
26 56 13 00-0026	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,513.72	434.42
			For Galvanized Finish, Add	79.35	
			For >10 To 20, Deduct	-87.84	
			For >20 To 40, Deduct	-175.69	
			For >40, Deduct	-285.25	
26 56 13 00-0027	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,542.97	446.15
			For Galvanized Finish, Add	79.52	
			For >10 To 20, Deduct	-88.57	
			For >20 To 40, Deduct	-177.15	
			For >40, Deduct	-288.03	
26 56 13 00-0028	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,745.45	469.64
			For Galvanized Finish, Add	84.19	
			For >10 To 20, Deduct	-93.64	
			For >20 To 40, Deduct	-187.27	
			For >40, Deduct	-304.39	
26 56 13 00-0029	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,777.57	481.37
			For Galvanized Finish, Add	84.44	
			For >10 To 20, Deduct	-94.44	
			For >20 To 40, Deduct	-188.88	
			For >40, Deduct	-307.39	
26 56 13 00-0030	EA		30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,806.53	493.12
			For Galvanized Finish, Add	84.61	
			For >10 To 20, Deduct	-95.16	
			For >20 To 40, Deduct	-190.33	
			For >40, Deduct	-310.15	
26 56 13 00-0031	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,976.26	493.12
			For Galvanized Finish, Add	89.70	
			For >10 To 20, Deduct	-99.41	
			For >20 To 40, Deduct	-198.81	
			For >40, Deduct	-322.88	
26 56 13 00-0032	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,036.89	504.85
			For Galvanized Finish, Add	90.82	
			For >10 To 20, Deduct	-100.92	
			For >20 To 40, Deduct	-201.84	
			For >40, Deduct	-328.01	
26 56 13 00-0033	EA		35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,095.60	516.60
			For Galvanized Finish, Add	91.87	
			For >10 To 20, Deduct	-102.39	
			For >20 To 40, Deduct	-204.78	
			For >40, Deduct	-333.00	
26 56 13 00-0034	EA		40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,509.84	516.60
			For Galvanized Finish, Add	104.30	
			For >10 To 20, Deduct	-112.75	
			For >20 To 40, Deduct	-225.49	
			For >40, Deduct	-364.07	
26 56 13 00-0035	EA		40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,538.89	528.34
			For Galvanized Finish, Add	104.47	
			For >10 To 20, Deduct	-113.47	
			For >20 To 40, Deduct	-226.94	
			For >40, Deduct	-366.83	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms,		
		Anchor Base	4,568.14	540.08
		For Galvanized Finish, Add	104.64	
		For >10 To 20, Deduct	-114.20	
		For >20 To 40, Deduct	-228.41	
		For >40, Deduct	-369.61	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms (26 56 13 00-0005)

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms,		
		Anchor Base	4,096.23	469.64
		For Galvanized Finish, Add	94.71	
		For >10 To 20, Deduct	-102.41	
		For >20 To 40, Deduct	-204.81	
		For >40, Deduct	-330.70	
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms,		
		Anchor Base	4,148.86	493.12
		For Galvanized Finish, Add	94.88	
		For >10 To 20, Deduct	-103.72	
		For >20 To 40, Deduct	-207.44	
		For >40, Deduct	-335.82	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms,		
		Anchor Base	4,209.94	516.60
		For Galvanized Finish, Add	95.30	
		For >10 To 20, Deduct	-105.25	
		For >20 To 40, Deduct	-210.50	
		For >40, Deduct	-341.58	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms,		
		Anchor Base	4,331.66	516.60
		For Galvanized Finish, Add	98.95	
		For >10 To 20, Deduct	-108.29	
		For >20 To 40, Deduct	-216.58	
		For >40, Deduct	-350.70	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms,		
		Anchor Base	4,386.99	540.08
		For Galvanized Finish, Add	99.20	
		For >10 To 20, Deduct	-109.67	
		For >20 To 40, Deduct	-219.35	
		For >40, Deduct	-356.03	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms,		
		Anchor Base	4,439.61	563.57
		For Galvanized Finish, Add	99.37	
		For >10 To 20, Deduct	-110.99	
		For >20 To 40, Deduct	-221.98	
		For >40, Deduct	-361.15	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms,		
		Anchor Base	4,610.38	540.08
		For Galvanized Finish, Add	105.91	
		For >10 To 20, Deduct	-115.26	
		For >20 To 40, Deduct	-230.52	
		For >40, Deduct	-372.78	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms,		
		Anchor Base	4,663.00	563.57
		For Galvanized Finish, Add	106.08	
		For >10 To 20, Deduct	-116.58	
		For >20 To 40, Deduct	-233.15	
		For >40, Deduct	-377.90	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms,		
		Anchor Base	4,715.62	587.05
		For Galvanized Finish, Add	106.25	
		For >10 To 20, Deduct	-117.89	
		For >20 To 40, Deduct	-235.78	
		For >40, Deduct	-383.02	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms,		
		Anchor Base	4,968.76	563.57
		For Galvanized Finish, Add	115.25	
		For >10 To 20, Deduct	-124.22	
		For >20 To 40, Deduct	-248.44	
		For >40, Deduct	-400.84	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms,		
		Anchor Base	5,021.09	587.05
		For Galvanized Finish, Add	115.41	
		For >10 To 20, Deduct	-125.53	
		For >20 To 40, Deduct	-251.05	
		For >40, Deduct	-405.93	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms,		
		Anchor Base	5,079.39	610.53
		For Galvanized Finish, Add	115.75	
		For >10 To 20, Deduct	-126.98	
		For >20 To 40, Deduct	-253.97	
		For >40, Deduct	-411.48	

26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms (26 56 13 00-0005)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0051	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,557.94	516.60
			<i>For Galvanized Finish, Add</i>	105.74	
			<i>For >10 To 20, Deduct</i>	-113.95	
			<i>For >20 To 40, Deduct</i>	-227.90	
			<i>For >40, Deduct</i>	-367.68	
26 56 13 00-0052	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,636.83	551.82
			<i>For Galvanized Finish, Add</i>	106.00	
			<i>For >10 To 20, Deduct</i>	-115.92	
			<i>For >20 To 40, Deduct</i>	-231.84	
			<i>For >40, Deduct</i>	-375.35	
26 56 13 00-0053	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	4,712.83	587.05
			<i>For Galvanized Finish, Add</i>	106.16	
			<i>For >10 To 20, Deduct</i>	-117.82	
			<i>For >20 To 40, Deduct</i>	-235.64	
			<i>For >40, Deduct</i>	-382.81	
26 56 13 00-0054	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,828.03	563.57
			<i>For Galvanized Finish, Add</i>	111.03	
			<i>For >10 To 20, Deduct</i>	-120.70	
			<i>For >20 To 40, Deduct</i>	-241.40	
			<i>For >40, Deduct</i>	-390.28	
26 56 13 00-0055	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,904.42	598.78
			<i>For Galvanized Finish, Add</i>	111.21	
			<i>For >10 To 20, Deduct</i>	-122.61	
			<i>For >20 To 40, Deduct</i>	-245.22	
			<i>For >40, Deduct</i>	-397.77	
26 56 13 00-0056	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	4,948.17	634.01
			<i>For Galvanized Finish, Add</i>	110.40	
			<i>For >10 To 20, Deduct</i>	-123.70	
			<i>For >20 To 40, Deduct</i>	-247.41	
			<i>For >40, Deduct</i>	-402.81	
26 56 13 00-0057	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,196.48	587.05
			<i>For Galvanized Finish, Add</i>	120.67	
			<i>For >10 To 20, Deduct</i>	-129.91	
			<i>For >20 To 40, Deduct</i>	-259.82	
			<i>For >40, Deduct</i>	-419.09	
26 56 13 00-0058	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,311.09	622.27
			<i>For Galvanized Finish, Add</i>	122.00	
			<i>For >10 To 20, Deduct</i>	-132.78	
			<i>For >20 To 40, Deduct</i>	-265.55	
			<i>For >40, Deduct</i>	-429.45	
26 56 13 00-0059	EA		35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,351.68	657.49
			<i>For Galvanized Finish, Add</i>	121.10	
			<i>For >10 To 20, Deduct</i>	-133.79	
			<i>For >20 To 40, Deduct</i>	-267.58	
			<i>For >40, Deduct</i>	-434.25	
26 56 13 00-0060	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,427.39	610.53
			<i>For Galvanized Finish, Add</i>	126.19	
			<i>For >10 To 20, Deduct</i>	-135.68	
			<i>For >20 To 40, Deduct</i>	-271.37	
			<i>For >40, Deduct</i>	-437.58	
26 56 13 00-0061	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,503.40	645.75
			<i>For Galvanized Finish, Add</i>	126.36	
			<i>For >10 To 20, Deduct</i>	-137.59	
			<i>For >20 To 40, Deduct</i>	-275.17	
			<i>For >40, Deduct</i>	-445.04	
26 56 13 00-0062	EA		40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	5,582.29	680.97
			<i>For Galvanized Finish, Add</i>	126.61	
			<i>For >10 To 20, Deduct</i>	-139.56	
			<i>For >20 To 40, Deduct</i>	-279.11	
			<i>For >40, Deduct</i>	-452.72	
26 56 13 00-0063			Round Tapered, Steel Roadway Light Poles With Davit Style Arm (26 56 13 00-0004)		
26 56 13 00-0064			Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0063)		
26 56 13 00-0065	EA		25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	3,252.02	375.71
			<i>For Galvanized Finish, Add</i>	75.02	
			<i>For >10 To 20, Deduct</i>	-81.30	
			<i>For >20 To 40, Deduct</i>	-162.60	
			<i>For >40, Deduct</i>	-262.69	
26 56 13 00-0066	EA		30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	3,681.08	422.67
			<i>For Galvanized Finish, Add</i>	85.07	
			<i>For >10 To 20, Deduct</i>	-92.03	
			<i>For >20 To 40, Deduct</i>	-184.05	
			<i>For >40, Deduct</i>	-297.21	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0067	EA 35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,774.71	446.15
	<i>For Galvanized Finish, Add</i>	86.47	
	<i>For >10 To 20, Deduct</i>	-94.37	
	<i>For >20 To 40, Deduct</i>	-188.74	
	<i>For >40, Deduct</i>	-305.41	
26 56 13 00-0068	EA 40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,537.45	469.64
	<i>For Galvanized Finish, Add</i>	107.95	
	<i>For >10 To 20, Deduct</i>	-113.44	
	<i>For >20 To 40, Deduct</i>	-226.87	
	<i>For >40, Deduct</i>	-363.79	
26 56 13 00-0069	Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070	Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071	EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,253.01	375.71
	<i>For Galvanized Finish, Add</i>	105.05	
	<i>For >10 To 20, Deduct</i>	-106.33	
	<i>For >20 To 40, Deduct</i>	-212.65	
	<i>For >40, Deduct</i>	-337.76	
26 56 13 00-0072	EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,295.92	375.71
	<i>For Galvanized Finish, Add</i>	106.34	
	<i>For >10 To 20, Deduct</i>	-107.40	
	<i>For >20 To 40, Deduct</i>	-214.80	
	<i>For >40, Deduct</i>	-340.98	
26 56 13 00-0073	EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,315.51	375.71
	<i>For Galvanized Finish, Add</i>	106.92	
	<i>For >10 To 20, Deduct</i>	-107.89	
	<i>For >20 To 40, Deduct</i>	-215.78	
	<i>For >40, Deduct</i>	-342.45	
26 56 13 00-0074	EA 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,389.85	422.67
	<i>For Galvanized Finish, Add</i>	106.34	
	<i>For >10 To 20, Deduct</i>	-109.75	
	<i>For >20 To 40, Deduct</i>	-219.49	
	<i>For >40, Deduct</i>	-350.37	
26 56 13 00-0075	EA 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,397.34	422.67
	<i>For Galvanized Finish, Add</i>	106.56	
	<i>For >10 To 20, Deduct</i>	-109.93	
	<i>For >20 To 40, Deduct</i>	-219.87	
	<i>For >40, Deduct</i>	-350.93	
26 56 13 00-0076	EA 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,474.72	422.67
	<i>For Galvanized Finish, Add</i>	108.88	
	<i>For >10 To 20, Deduct</i>	-111.87	
	<i>For >20 To 40, Deduct</i>	-223.74	
	<i>For >40, Deduct</i>	-356.74	
26 56 13 00-0077	EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,462.26	446.15
	<i>For Galvanized Finish, Add</i>	107.10	
	<i>For >10 To 20, Deduct</i>	-111.56	
	<i>For >20 To 40, Deduct</i>	-223.11	
	<i>For >40, Deduct</i>	-356.98	
26 56 13 00-0078	EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,507.57	446.15
	<i>For Galvanized Finish, Add</i>	108.46	
	<i>For >10 To 20, Deduct</i>	-112.69	
	<i>For >20 To 40, Deduct</i>	-225.38	
	<i>For >40, Deduct</i>	-360.38	
26 56 13 00-0079	EA 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,745.17	446.15
	<i>For Galvanized Finish, Add</i>	115.59	
	<i>For >10 To 20, Deduct</i>	-118.63	
	<i>For >20 To 40, Deduct</i>	-237.26	
	<i>For >40, Deduct</i>	-378.20	
26 56 13 00-0080	Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		
26 56 13 00-0081	EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	5,582.50	469.64
	<i>For Galvanized Finish, Add</i>	139.30	
	<i>For >10 To 20, Deduct</i>	-139.56	
	<i>For >20 To 40, Deduct</i>	-279.13	
	<i>For >40, Deduct</i>	-442.17	
26 56 13 00-0082	EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	5,670.56	493.12
	<i>For Galvanized Finish, Add</i>	140.53	
	<i>For >10 To 20, Deduct</i>	-141.76	
	<i>For >20 To 40, Deduct</i>	-283.53	
	<i>For >40, Deduct</i>	-449.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0083	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,878.80	516.60
			<i>For Galvanized Finish, Add</i>	145.37	
			<i>For >10 To 20, Deduct</i>	-146.97	
			<i>For >20 To 40, Deduct</i>	-293.94	
			<i>For >40, Deduct</i>	-466.74	
26 56 13 00-0084	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,652.62	516.60
			<i>For Galvanized Finish, Add</i>	138.58	
			<i>For >10 To 20, Deduct</i>	-141.32	
			<i>For >20 To 40, Deduct</i>	-282.63	
			<i>For >40, Deduct</i>	-449.78	
26 56 13 00-0085	EA		30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,911.85	540.08
			<i>For Galvanized Finish, Add</i>	144.95	
			<i>For >10 To 20, Deduct</i>	-147.80	
			<i>For >20 To 40, Deduct</i>	-295.59	
			<i>For >40, Deduct</i>	-470.39	
26 56 13 00-0086	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,063.26	563.57
			<i>For Galvanized Finish, Add</i>	148.08	
			<i>For >10 To 20, Deduct</i>	-151.58	
			<i>For >20 To 40, Deduct</i>	-303.16	
			<i>For >40, Deduct</i>	-482.92	
26 56 13 00-0087	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,818.15	540.08
			<i>For Galvanized Finish, Add</i>	142.14	
			<i>For >10 To 20, Deduct</i>	-145.45	
			<i>For >20 To 40, Deduct</i>	-290.91	
			<i>For >40, Deduct</i>	-463.37	
26 56 13 00-0088	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,167.90	563.57
			<i>For Galvanized Finish, Add</i>	151.22	
			<i>For >10 To 20, Deduct</i>	-154.20	
			<i>For >20 To 40, Deduct</i>	-308.40	
			<i>For >40, Deduct</i>	-490.77	
26 56 13 00-0089	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,370.37	587.05
			<i>For Galvanized Finish, Add</i>	155.89	
			<i>For >10 To 20, Deduct</i>	-159.26	
			<i>For >20 To 40, Deduct</i>	-318.52	
			<i>For >40, Deduct</i>	-507.13	
26 56 13 00-0090			Aluminum Roadway Light Poles <small>(26 56 13 00-0092)</small> Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0091			Round Tapered, Aluminum Roadway Light Poles <small>(26 56 13 00-0090)</small>		
26 56 13 00-0092			Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0091)</small>		
26 56 13 00-0093			Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0092)</small>		
26 56 13 00-0094	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	2,498.55	281.78
			<i>For >10 To 20, Deduct</i>	-62.46	
			<i>For >20 To 40, Deduct</i>	-124.93	
			<i>For >40, Deduct</i>	-201.48	
26 56 13 00-0095	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	2,521.97	281.78
			<i>For >10 To 20, Deduct</i>	-63.05	
			<i>For >20 To 40, Deduct</i>	-126.10	
			<i>For >40, Deduct</i>	-203.24	
26 56 13 00-0096	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,039.95	375.71
			<i>For >10 To 20, Deduct</i>	-76.00	
			<i>For >20 To 40, Deduct</i>	-152.00	
			<i>For >40, Deduct</i>	-246.78	
26 56 13 00-0097	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,084.21	375.71
			<i>For >10 To 20, Deduct</i>	-77.11	
			<i>For >20 To 40, Deduct</i>	-154.21	
			<i>For >40, Deduct</i>	-250.10	
26 56 13 00-0098	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,124.91	375.71
			<i>For >10 To 20, Deduct</i>	-78.12	
			<i>For >20 To 40, Deduct</i>	-156.25	
			<i>For >40, Deduct</i>	-253.15	
26 56 13 00-0099	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,496.00	422.67
			<i>For >10 To 20, Deduct</i>	-87.40	
			<i>For >20 To 40, Deduct</i>	-174.80	
			<i>For >40, Deduct</i>	-283.33	
26 56 13 00-0100	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,533.34	422.67
			<i>For >10 To 20, Deduct</i>	-88.33	
			<i>For >20 To 40, Deduct</i>	-176.67	
			<i>For >40, Deduct</i>	-286.13	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0101	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,575.10	422.67
			For >10 To 20, Deduct	-89.38	
			For >20 To 40, Deduct	-178.76	
			For >40, Deduct	-289.27	
26 56	13 00-0102	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,133.75	446.15
			For >10 To 20, Deduct	-103.34	
			For >20 To 40, Deduct	-206.69	
			For >40, Deduct	-332.34	
26 56	13 00-0103	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,171.00	446.15
			For >10 To 20, Deduct	-104.28	
			For >20 To 40, Deduct	-208.55	
			For >40, Deduct	-335.13	
26 56	13 00-0104	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,202.20	446.15
			For >10 To 20, Deduct	-105.06	
			For >20 To 40, Deduct	-210.11	
			For >40, Deduct	-337.47	
26 56	13 00-0105		Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
26 56	13 00-0106	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	2,858.39	328.74
			For >10 To 20, Deduct	-71.46	
			For >20 To 40, Deduct	-142.92	
			For >40, Deduct	-230.82	
26 56	13 00-0107	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,087.92	328.74
			For >10 To 20, Deduct	-77.20	
			For >20 To 40, Deduct	-154.40	
			For >40, Deduct	-248.03	
26 56	13 00-0108	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,179.62	352.22
			For >10 To 20, Deduct	-79.49	
			For >20 To 40, Deduct	-158.98	
			For >40, Deduct	-256.08	
26 56	13 00-0109	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,387.23	422.67
			For >10 To 20, Deduct	-84.68	
			For >20 To 40, Deduct	-169.36	
			For >40, Deduct	-275.18	
26 56	13 00-0110	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,556.82	434.42
			For >10 To 20, Deduct	-88.92	
			For >20 To 40, Deduct	-177.84	
			For >40, Deduct	-288.48	
26 56	13 00-0111	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,805.43	446.15
			For >10 To 20, Deduct	-95.14	
			For >20 To 40, Deduct	-190.27	
			For >40, Deduct	-307.72	
26 56	13 00-0112	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,923.72	469.64
			For >10 To 20, Deduct	-98.09	
			For >20 To 40, Deduct	-196.19	
			For >40, Deduct	-317.76	
26 56	13 00-0113	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,082.75	481.37
			For >10 To 20, Deduct	-102.07	
			For >20 To 40, Deduct	-204.14	
			For >40, Deduct	-330.28	
26 56	13 00-0114	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,278.85	493.12
			For >10 To 20, Deduct	-106.97	
			For >20 To 40, Deduct	-213.94	
			For >40, Deduct	-345.57	
26 56	13 00-0115	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,481.89	493.12
			For >10 To 20, Deduct	-112.05	
			For >20 To 40, Deduct	-224.09	
			For >40, Deduct	-360.80	
26 56	13 00-0116	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,927.96	504.85
			For >10 To 20, Deduct	-123.20	
			For >20 To 40, Deduct	-246.40	
			For >40, Deduct	-394.84	
26 56	13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,448.24	516.60
			For >10 To 20, Deduct	-136.21	
			For >20 To 40, Deduct	-272.41	
			For >40, Deduct	-434.45	
26 56	13 00-0118		Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms <small>(26 56 13 00-0092)</small>		

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

26 56 13 00-0119	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,321.81	375.71
			<i>For >10 To 20, Deduct</i>	-83.05	
			<i>For >20 To 40, Deduct</i>	-166.09	
			<i>For >40, Deduct</i>	-267.92	
26 56 13 00-0120	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,554.44	399.19
			<i>For >10 To 20, Deduct</i>	-88.86	
			<i>For >20 To 40, Deduct</i>	-177.72	
			<i>For >40, Deduct</i>	-286.54	
26 56 13 00-0121	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,029.41	469.64
			<i>For >10 To 20, Deduct</i>	-100.74	
			<i>For >20 To 40, Deduct</i>	-201.47	
			<i>For >40, Deduct</i>	-325.69	
26 56 13 00-0122	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,199.17	493.12
			<i>For >10 To 20, Deduct</i>	-104.98	
			<i>For >20 To 40, Deduct</i>	-209.96	
			<i>For >40, Deduct</i>	-339.59	
26 56 13 00-0123	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,397.52	516.60
			<i>For >10 To 20, Deduct</i>	-109.94	
			<i>For >20 To 40, Deduct</i>	-219.88	
			<i>For >40, Deduct</i>	-355.64	
26 56 13 00-0124	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,550.19	540.08
			<i>For >10 To 20, Deduct</i>	-113.75	
			<i>For >20 To 40, Deduct</i>	-227.51	
			<i>For >40, Deduct</i>	-368.27	
26 56 13 00-0125	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,770.03	540.08
			<i>For >10 To 20, Deduct</i>	-119.25	
			<i>For >20 To 40, Deduct</i>	-238.50	
			<i>For >40, Deduct</i>	-384.76	
26 56 13 00-0126	EA		35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,207.13	563.57
			<i>For >10 To 20, Deduct</i>	-130.18	
			<i>For >20 To 40, Deduct</i>	-260.36	
			<i>For >40, Deduct</i>	-418.71	
26 56 13 00-0127	EA		35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	6,011.35	587.05
			<i>For >10 To 20, Deduct</i>	-150.28	
			<i>For >20 To 40, Deduct</i>	-300.57	
			<i>For >40, Deduct</i>	-480.20	

26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms
(26 56 13 00-0092)

26 56 13 00-0129	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	3,415.16	422.67
			<i>For >10 To 20, Deduct</i>	-85.38	
			<i>For >20 To 40, Deduct</i>	-170.76	
			<i>For >40, Deduct</i>	-277.27	
26 56 13 00-0130	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	3,555.71	422.67
			<i>For >10 To 20, Deduct</i>	-88.89	
			<i>For >20 To 40, Deduct</i>	-177.79	
			<i>For >40, Deduct</i>	-287.81	
26 56 13 00-0131	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,406.26	516.60
			<i>For >10 To 20, Deduct</i>	-110.16	
			<i>For >20 To 40, Deduct</i>	-220.31	
			<i>For >40, Deduct</i>	-356.30	
26 56 13 00-0132	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	4,776.32	551.82
			<i>For >10 To 20, Deduct</i>	-119.41	
			<i>For >20 To 40, Deduct</i>	-238.82	
			<i>For >40, Deduct</i>	-385.82	
26 56 13 00-0133	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,991.23	563.57
			<i>For >10 To 20, Deduct</i>	-124.78	
			<i>For >20 To 40, Deduct</i>	-249.56	
			<i>For >40, Deduct</i>	-402.52	
26 56 13 00-0134	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,330.18	598.78
			<i>For >10 To 20, Deduct</i>	-133.25	
			<i>For >20 To 40, Deduct</i>	-266.51	
			<i>For >40, Deduct</i>	-429.70	
26 56 13 00-0135	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,260.99	587.05
			<i>For >10 To 20, Deduct</i>	-131.52	
			<i>For >20 To 40, Deduct</i>	-263.05	
			<i>For >40, Deduct</i>	-423.93	
26 56 13 00-0136	EA		35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,019.47	622.27
			<i>For >10 To 20, Deduct</i>	-150.49	
			<i>For >20 To 40, Deduct</i>	-300.97	
			<i>For >40, Deduct</i>	-482.57	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0137	EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	6,686.85	657.49
	<i>For >10 To 20, Deduct</i>	-167.17	
	<i>For >20 To 40, Deduct</i>	-334.34	
	<i>For >40, Deduct</i>	-534.39	
26 56 13 00-0138	Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms ^(26 56 13 00-0091)		
26 56 13 00-0139	Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm ^(26 56 13 00-0138)		
26 56 13 00-0140	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	3,690.26	375.71
	<i>For >10 To 20, Deduct</i>	-92.26	
	<i>For >20 To 40, Deduct</i>	-184.51	
	<i>For >40, Deduct</i>	-295.55	
26 56 13 00-0141	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	3,721.55	375.71
	<i>For >10 To 20, Deduct</i>	-93.04	
	<i>For >20 To 40, Deduct</i>	-186.08	
	<i>For >40, Deduct</i>	-297.90	
26 56 13 00-0142	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	3,801.52	375.71
	<i>For >10 To 20, Deduct</i>	-95.04	
	<i>For >20 To 40, Deduct</i>	-190.08	
	<i>For >40, Deduct</i>	-303.90	
26 56 13 00-0143	EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	3,921.52	375.71
	<i>For >10 To 20, Deduct</i>	-98.04	
	<i>For >20 To 40, Deduct</i>	-196.08	
	<i>For >40, Deduct</i>	-312.90	
26 56 13 00-0144	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,155.23	422.67
	<i>For >10 To 20, Deduct</i>	-103.88	
	<i>For >20 To 40, Deduct</i>	-207.76	
	<i>For >40, Deduct</i>	-332.78	
26 56 13 00-0145	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,225.79	422.67
	<i>For >10 To 20, Deduct</i>	-105.64	
	<i>For >20 To 40, Deduct</i>	-211.29	
	<i>For >40, Deduct</i>	-338.07	
26 56 13 00-0146	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,301.05	422.67
	<i>For >10 To 20, Deduct</i>	-107.53	
	<i>For >20 To 40, Deduct</i>	-215.05	
	<i>For >40, Deduct</i>	-343.71	
26 56 13 00-0147	EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,755.04	422.67
	<i>For >10 To 20, Deduct</i>	-118.88	
	<i>For >20 To 40, Deduct</i>	-237.75	
	<i>For >40, Deduct</i>	-377.76	
26 56 13 00-0148	EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,525.05	446.15
	<i>For >10 To 20, Deduct</i>	-113.13	
	<i>For >20 To 40, Deduct</i>	-226.25	
	<i>For >40, Deduct</i>	-361.69	
26 56 13 00-0149	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,107.57	446.15
	<i>For >10 To 20, Deduct</i>	-127.69	
	<i>For >20 To 40, Deduct</i>	-255.38	
	<i>For >40, Deduct</i>	-405.38	
26 56 13 00-0150	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,164.31	446.15
	<i>For >10 To 20, Deduct</i>	-129.11	
	<i>For >20 To 40, Deduct</i>	-258.22	
	<i>For >40, Deduct</i>	-409.63	
26 56 13 00-0151	EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,524.50	446.15
	<i>For >10 To 20, Deduct</i>	-138.11	
	<i>For >20 To 40, Deduct</i>	-276.23	
	<i>For >40, Deduct</i>	-436.65	
26 56 13 00-0152	EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,853.01	446.15
	<i>For >10 To 20, Deduct</i>	-146.33	
	<i>For >20 To 40, Deduct</i>	-292.65	
	<i>For >40, Deduct</i>	-461.28	
26 56 13 00-0153	Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms ^(26 56 13 00-0138)		
26 56 13 00-0154	EA 25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	4,803.37	469.64
	<i>For >10 To 20, Deduct</i>	-120.08	
	<i>For >20 To 40, Deduct</i>	-240.17	
	<i>For >40, Deduct</i>	-383.73	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	4,930.30		493.12
		For >10 To 20, Deduct	-123.26		
		For >20 To 40, Deduct	-246.52		
		For >40, Deduct	-394.43		
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,028.72		516.60
		For >10 To 20, Deduct	-125.72		
		For >20 To 40, Deduct	-251.44		
		For >40, Deduct	-402.98		
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,165.81		516.60
		For >10 To 20, Deduct	-129.15		
		For >20 To 40, Deduct	-258.29		
		For >40, Deduct	-413.27		
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,629.61		540.08
		For >10 To 20, Deduct	-140.74		
		For >20 To 40, Deduct	-281.48		
		For >40, Deduct	-449.23		
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,499.00		563.57
		For >10 To 20, Deduct	-162.48		
		For >20 To 40, Deduct	-324.95		
		For >40, Deduct	-515.60		
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,289.23		540.08
		For >10 To 20, Deduct	-157.23		
		For >20 To 40, Deduct	-314.46		
		For >40, Deduct	-498.70		
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,403.19		563.57
		For >10 To 20, Deduct	-160.08		
		For >20 To 40, Deduct	-320.16		
		For >40, Deduct	-508.42		
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,856.54		587.05
		For >10 To 20, Deduct	-196.41		
		For >20 To 40, Deduct	-392.83		
		For >40, Deduct	-618.59		
26 56 13 00-0163		Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm <small>(26 56 13 00-0091)</small>			
26 56 13 00-0164		Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm <small>(26 56 13 00-0163)</small>			
26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,045.55		281.78
		For >10 To 20, Deduct	-76.14		
		For >20 To 40, Deduct	-152.28		
		For >40, Deduct	-242.51		
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,133.97		281.78
		For >10 To 20, Deduct	-78.35		
		For >20 To 40, Deduct	-156.70		
		For >40, Deduct	-249.14		
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,222.58		281.78
		For >10 To 20, Deduct	-80.56		
		For >20 To 40, Deduct	-161.13		
		For >40, Deduct	-255.78		
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,594.93		375.71
		For >10 To 20, Deduct	-89.87		
		For >20 To 40, Deduct	-179.75		
		For >40, Deduct	-288.41		
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,662.32		375.71
		For >10 To 20, Deduct	-91.56		
		For >20 To 40, Deduct	-183.12		
		For >40, Deduct	-293.46		
26 56 13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,735.95		375.71
		For >10 To 20, Deduct	-93.40		
		For >20 To 40, Deduct	-186.80		
		For >40, Deduct	-298.98		
26 56 13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	4,058.27		422.67
		For >10 To 20, Deduct	-101.46		
		For >20 To 40, Deduct	-202.91		
		For >40, Deduct	-325.50		
26 56 13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	4,149.76		422.67
		For >10 To 20, Deduct	-103.74		
		For >20 To 40, Deduct	-207.49		
		For >40, Deduct	-332.37		

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,163.48	422.67
		<i>For >10 To 20, Deduct</i>	-104.09	
		<i>For >20 To 40, Deduct</i>	-208.17	
		<i>For >40, Deduct</i>	-333.39	
26 56 13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,430.77	446.15
		<i>For >10 To 20, Deduct</i>	-110.77	
		<i>For >20 To 40, Deduct</i>	-221.54	
		<i>For >40, Deduct</i>	-354.62	
26 56 13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,470.90	446.15
		<i>For >10 To 20, Deduct</i>	-111.77	
		<i>For >20 To 40, Deduct</i>	-223.55	
		<i>For >40, Deduct</i>	-357.63	
26 56 13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,564.98	446.15
		<i>For >10 To 20, Deduct</i>	-114.12	
		<i>For >20 To 40, Deduct</i>	-228.25	
		<i>For >40, Deduct</i>	-364.68	
26 56 13 00-0177		Area Light Poles <small>(26 56 13 00-0001)</small>		
26 56 13 00-0178		Steel Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0179		Round Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0180		Round Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0179)</small>		
26 56 13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	725.84	164.38
		<i>For Galvanized Finish, Add</i>	11.91	
		<i>For >10 To 20, Deduct</i>	-24.10	
		<i>For >20 To 40, Deduct</i>	-44.23	
		<i>For >40, Deduct</i>	-92.44	
26 56 13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	794.81	187.86
		<i>For Galvanized Finish, Add</i>	12.57	
		<i>For >10 To 20, Deduct</i>	-26.16	
		<i>For >20 To 40, Deduct</i>	-48.12	
		<i>For >40, Deduct</i>	-100.44	
26 56 13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	889.07	211.34
		<i>For Galvanized Finish, Add</i>	13.99	
		<i>For >10 To 20, Deduct</i>	-29.22	
		<i>For >20 To 40, Deduct</i>	-53.78	
		<i>For >40, Deduct</i>	-112.23	
26 56 13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	985.54	234.81
		<i>For Galvanized Finish, Add</i>	15.48	
		<i>For >10 To 20, Deduct</i>	-32.38	
		<i>For >20 To 40, Deduct</i>	-59.60	
		<i>For >40, Deduct</i>	-124.35	
26 56 13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,054.50	258.30
		<i>For Galvanized Finish, Add</i>	16.14	
		<i>For >10 To 20, Deduct</i>	-34.43	
		<i>For >20 To 40, Deduct</i>	-63.48	
		<i>For >40, Deduct</i>	-132.35	
26 56 13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,117.97	281.78
		<i>For Galvanized Finish, Add</i>	16.63	
		<i>For >10 To 20, Deduct</i>	-36.27	
		<i>For >20 To 40, Deduct</i>	-66.99	
		<i>For >40, Deduct</i>	-139.52	
26 56 13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	754.44	164.38
		<i>For Galvanized Finish, Add</i>	12.77	
		<i>For >10 To 20, Deduct</i>	-25.25	
		<i>For >20 To 40, Deduct</i>	-46.24	
		<i>For >40, Deduct</i>	-96.73	
26 56 13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	824.51	187.86
		<i>For Galvanized Finish, Add</i>	13.46	
		<i>For >10 To 20, Deduct</i>	-27.34	
		<i>For >20 To 40, Deduct</i>	-50.20	
		<i>For >40, Deduct</i>	-104.89	
26 56 13 00-0189	EA	14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	948.47	211.34
		<i>For Galvanized Finish, Add</i>	15.77	
		<i>For >10 To 20, Deduct</i>	-31.60	
		<i>For >20 To 40, Deduct</i>	-57.94	
		<i>For >40, Deduct</i>	-121.14	
26 56 13 00-0190	EA	16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,024.04	234.81
		<i>For Galvanized Finish, Add</i>	16.63	
		<i>For >10 To 20, Deduct</i>	-33.92	
		<i>For >20 To 40, Deduct</i>	-62.29	
		<i>For >40, Deduct</i>	-130.12	
26 56 13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,096.30	258.30
		<i>For Galvanized Finish, Add</i>	17.39	
		<i>For >10 To 20, Deduct</i>	-36.10	
		<i>For >20 To 40, Deduct</i>	-66.41	
		<i>For >40, Deduct</i>	-138.62	
26 56 13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,157.57	281.78
		<i>For Galvanized Finish, Add</i>	17.82	
		<i>For >10 To 20, Deduct</i>	-37.85	
		<i>For >20 To 40, Deduct</i>	-69.76	
		<i>For >40, Deduct</i>	-145.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0193	EA		25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,386.11	375.71
			For Galvanized Finish, Add	19.04	
			For >10 To 20, Deduct	-44.17	
			For >20 To 40, Deduct	-82.00	
			For >40, Deduct	-170.35	
26 56 13 00-0194	EA		10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	754.44	164.38
			For Galvanized Finish, Add	12.77	
			For >10 To 20, Deduct	-25.25	
			For >20 To 40, Deduct	-46.24	
			For >40, Deduct	-96.73	
26 56 13 00-0195	EA		12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	827.81	187.86
			For Galvanized Finish, Add	13.56	
			For >10 To 20, Deduct	-27.48	
			For >20 To 40, Deduct	-50.43	
			For >40, Deduct	-105.39	
26 56 13 00-0196	EA		14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	966.07	211.34
			For Galvanized Finish, Add	16.30	
			For >10 To 20, Deduct	-32.30	
			For >20 To 40, Deduct	-59.17	
			For >40, Deduct	-123.78	
26 56 13 00-0197	EA		16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,027.34	234.81
			For Galvanized Finish, Add	16.73	
			For >10 To 20, Deduct	-34.05	
			For >20 To 40, Deduct	-62.52	
			For >40, Deduct	-130.62	
26 56 13 00-0198	EA		18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,096.30	258.30
			For Galvanized Finish, Add	17.39	
			For >10 To 20, Deduct	-36.10	
			For >20 To 40, Deduct	-66.41	
			For >40, Deduct	-138.62	
26 56 13 00-0199	EA		20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,157.57	281.78
			For Galvanized Finish, Add	17.82	
			For >10 To 20, Deduct	-37.85	
			For >20 To 40, Deduct	-69.76	
			For >40, Deduct	-145.46	
26 56 13 00-0200	EA		25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,416.91	375.71
			For Galvanized Finish, Add	19.97	
			For >10 To 20, Deduct	-45.41	
			For >20 To 40, Deduct	-84.16	
			For >40, Deduct	-174.97	
26 56 13 00-0201	EA		30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base	1,568.04	422.67
			For Galvanized Finish, Add	21.68	
			For >10 To 20, Deduct	-50.04	
			For >20 To 40, Deduct	-92.86	
			For >40, Deduct	-192.94	
26 56 13 00-0202	EA		20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,227.97	281.78
			For Galvanized Finish, Add	19.93	
			For >10 To 20, Deduct	-40.67	
			For >20 To 40, Deduct	-74.69	
			For >40, Deduct	-156.02	
26 56 13 00-0203	EA		25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,431.21	375.71
			For Galvanized Finish, Add	20.39	
			For >10 To 20, Deduct	-45.98	
			For >20 To 40, Deduct	-85.16	
			For >40, Deduct	-177.11	
26 56 13 00-0204	EA		30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,595.54	422.67
			For Galvanized Finish, Add	22.51	
			For >10 To 20, Deduct	-51.14	
			For >20 To 40, Deduct	-94.78	
			For >40, Deduct	-197.06	
26 56 13 00-0205			Round Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0206			Round Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0205)</small>		
26 56 13 00-0207	EA		20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,476.57	281.78
			For Galvanized Finish, Add	27.39	
			For >10 To 20, Deduct	-50.61	
			For >20 To 40, Deduct	-92.09	
			For >40, Deduct	-193.31	
26 56 13 00-0208	EA		20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,510.67	281.78
			For Galvanized Finish, Add	28.41	
			For >10 To 20, Deduct	-51.97	
			For >20 To 40, Deduct	-94.48	
			For >40, Deduct	-198.42	
26 56 13 00-0209	EA		25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,773.31	375.71
			For Galvanized Finish, Add	30.66	
			For >10 To 20, Deduct	-59.66	
			For >20 To 40, Deduct	-109.10	
			For >40, Deduct	-228.43	
26 56 13 00-0210	EA		25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,843.71	375.71
			For Galvanized Finish, Add	32.77	
			For >10 To 20, Deduct	-62.48	
			For >20 To 40, Deduct	-114.03	
			For >40, Deduct	-238.99	
26 56 13 00-0211	EA		30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	1,977.24	422.67
			For Galvanized Finish, Add	33.96	
			For >10 To 20, Deduct	-66.41	
			For >20 To 40, Deduct	-121.50	
			For >40, Deduct	-254.32	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,094.94	422.67
		<i>For Galvanized Finish, Add</i>	37.49	
		<i>For >10 To 20, Deduct</i>	-71.12	
		<i>For >20 To 40, Deduct</i>	-129.74	
		<i>For >40, Deduct</i>	-271.97	
26 56 13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,166.11	446.15
		<i>For Galvanized Finish, Add</i>	38.21	
		<i>For >10 To 20, Deduct</i>	-73.26	
		<i>For >20 To 40, Deduct</i>	-133.78	
		<i>For >40, Deduct</i>	-280.30	
26 56 13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,238.71	446.15
		<i>For Galvanized Finish, Add</i>	40.39	
		<i>For >10 To 20, Deduct</i>	-76.16	
		<i>For >20 To 40, Deduct</i>	-138.86	
		<i>For >40, Deduct</i>	-291.19	
26 56 13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,412.51	446.15
		<i>For Galvanized Finish, Add</i>	45.61	
		<i>For >10 To 20, Deduct</i>	-83.12	
		<i>For >20 To 40, Deduct</i>	-151.03	
		<i>For >40, Deduct</i>	-317.26	
26 56 13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,446.27	469.64
		<i>For Galvanized Finish, Add</i>	45.21	
		<i>For >10 To 20, Deduct</i>	-83.76	
		<i>For >20 To 40, Deduct</i>	-152.45	
		<i>For >40, Deduct</i>	-319.98	
26 56 13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,477.07	469.64
		<i>For Galvanized Finish, Add</i>	46.13	
		<i>For >10 To 20, Deduct</i>	-84.99	
		<i>For >20 To 40, Deduct</i>	-154.61	
		<i>For >40, Deduct</i>	-324.60	
26 56 13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,351.75	610.53
		<i>For Galvanized Finish, Add</i>	63.92	
		<i>For >10 To 20, Deduct</i>	-115.75	
		<i>For >20 To 40, Deduct</i>	-210.20	
		<i>For >40, Deduct</i>	-441.71	
26 56 13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,533.01	704.45
		<i>For Galvanized Finish, Add</i>	63.72	
		<i>For >10 To 20, Deduct</i>	-120.19	
		<i>For >20 To 40, Deduct</i>	-219.13	
		<i>For >40, Deduct</i>	-459.51	
26 56 13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,321.11	375.71
		<i>For Galvanized Finish, Add</i>	47.09	
		<i>For >10 To 20, Deduct</i>	-81.57	
		<i>For >20 To 40, Deduct</i>	-147.45	
		<i>For >40, Deduct</i>	-310.60	
26 56 13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	2,632.84	422.67
		<i>For Galvanized Finish, Add</i>	53.63	
		<i>For >10 To 20, Deduct</i>	-92.63	
		<i>For >20 To 40, Deduct</i>	-167.39	
		<i>For >40, Deduct</i>	-352.66	
26 56 13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,039.17	469.64
		<i>For Galvanized Finish, Add</i>	63.00	
		<i>For >10 To 20, Deduct</i>	-107.48	
		<i>For >20 To 40, Deduct</i>	-193.96	
		<i>For >40, Deduct</i>	-408.91	
26 56 13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	3,694.95	610.53
		<i>For Galvanized Finish, Add</i>	74.22	
		<i>For >10 To 20, Deduct</i>	-129.48	
		<i>For >20 To 40, Deduct</i>	-234.23	
		<i>For >40, Deduct</i>	-493.19	
26 56 13 00-0224	EA	50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,307.41	704.45
		<i>For Galvanized Finish, Add</i>	86.96	
		<i>For >10 To 20, Deduct</i>	-151.16	
		<i>For >20 To 40, Deduct</i>	-273.34	
		<i>For >40, Deduct</i>	-575.67	
26 56 13 00-0225	EA	50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	4,755.11	704.45
		<i>For Galvanized Finish, Add</i>	100.39	
		<i>For >10 To 20, Deduct</i>	-169.07	
		<i>For >20 To 40, Deduct</i>	-304.68	
		<i>For >40, Deduct</i>	-642.82	
26 56 13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	6,251.11	704.45
		<i>For Galvanized Finish, Add</i>	145.27	
		<i>For >10 To 20, Deduct</i>	-228.91	
		<i>For >20 To 40, Deduct</i>	-409.40	
		<i>For >40, Deduct</i>	-867.22	
26 56 13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	6,977.11	704.45
		<i>For Galvanized Finish, Add</i>	167.05	
		<i>For >10 To 20, Deduct</i>	-257.95	
		<i>For >20 To 40, Deduct</i>	-460.22	
		<i>For >40, Deduct</i>	-976.12	

26 56 13 00-0228 Square Straight, Steel Area Light Poles (26 56 13 00-0178)

26 56 13 00-0229 Square Straight, Steel Area Light Poles, Anchor Base (26 56 13 00-0228)

26 56 13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	717.04	164.38
		<i>For Galvanized Finish, Add</i>	11.65	
		<i>For >10 To 20, Deduct</i>	-23.75	
		<i>For >20 To 40, Deduct</i>	-43.62	
		<i>For >40, Deduct</i>	-91.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0231	EA		12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	764.01	187.86
			For Galvanized Finish, Add	11.65	
			For >10 To 20, Deduct	-24.92	
			For >20 To 40, Deduct	-45.97	
			For >40, Deduct	-95.82	
26 56 13 00-0232	EA		14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	829.67	211.34
			For Galvanized Finish, Add	12.21	
			For >10 To 20, Deduct	-26.85	
			For >20 To 40, Deduct	-49.62	
			For >40, Deduct	-103.32	
26 56 13 00-0233	EA		15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	879.55	223.08
			For Galvanized Finish, Add	13.00	
			For >10 To 20, Deduct	-28.49	
			For >20 To 40, Deduct	-52.65	
			For >40, Deduct	-109.63	
26 56 13 00-0234	EA		16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	903.04	234.81
			For Galvanized Finish, Add	13.00	
			For >10 To 20, Deduct	-29.08	
			For >20 To 40, Deduct	-53.82	
			For >40, Deduct	-111.97	
26 56 13 00-0235	EA		18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	962.10	258.30
			For Galvanized Finish, Add	13.37	
			For >10 To 20, Deduct	-30.74	
			For >20 To 40, Deduct	-57.02	
			For >40, Deduct	-118.49	
26 56 13 00-0236	EA		20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,018.97	281.78
			For Galvanized Finish, Add	13.66	
			For >10 To 20, Deduct	-32.31	
			For >20 To 40, Deduct	-60.06	
			For >40, Deduct	-124.67	
26 56 13 00-0237	EA		25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,272.81	375.71
			For Galvanized Finish, Add	15.64	
			For >10 To 20, Deduct	-39.64	
			For >20 To 40, Deduct	-74.07	
			For >40, Deduct	-153.35	
26 56 13 00-0238	EA		20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,167.47	281.78
			For Galvanized Finish, Add	18.12	
			For >10 To 20, Deduct	-38.25	
			For >20 To 40, Deduct	-70.45	
			For >40, Deduct	-146.94	
26 56 13 00-0239	EA		25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,477.41	375.71
			For Galvanized Finish, Add	21.78	
			For >10 To 20, Deduct	-47.83	
			For >20 To 40, Deduct	-88.39	
			For >40, Deduct	-184.04	
26 56 13 00-0240	EA		30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,691.24	422.67
			For Galvanized Finish, Add	25.38	
			For >10 To 20, Deduct	-54.97	
			For >20 To 40, Deduct	-101.48	
			For >40, Deduct	-211.42	
26 56 13 00-0241	EA		20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,126.77	281.78
			For Galvanized Finish, Add	16.90	
			For >10 To 20, Deduct	-36.62	
			For >20 To 40, Deduct	-67.60	
			For >40, Deduct	-140.84	
26 56 13 00-0242	EA		25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,398.21	375.71
			For Galvanized Finish, Add	19.40	
			For >10 To 20, Deduct	-44.66	
			For >20 To 40, Deduct	-82.85	
			For >40, Deduct	-172.16	
26 56 13 00-0243	EA		30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,623.04	422.67
			For Galvanized Finish, Add	23.33	
			For >10 To 20, Deduct	-52.24	
			For >20 To 40, Deduct	-96.71	
			For >40, Deduct	-201.19	
26 56 13 00-0244	EA		20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,266.47	281.78
			For Galvanized Finish, Add	21.09	
			For >10 To 20, Deduct	-42.21	
			For >20 To 40, Deduct	-77.38	
			For >40, Deduct	-161.79	
26 56 13 00-0245	EA		25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,576.41	375.71
			For Galvanized Finish, Add	24.75	
			For >10 To 20, Deduct	-51.79	
			For >20 To 40, Deduct	-95.32	
			For >40, Deduct	-198.89	
26 56 13 00-0246	EA		30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,784.74	422.67
			For Galvanized Finish, Add	28.18	
			For >10 To 20, Deduct	-58.71	
			For >20 To 40, Deduct	-108.03	
			For >40, Deduct	-225.44	
26 56 13 00-0247	EA		35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,968.11	446.15
			For Galvanized Finish, Add	32.27	
			For >10 To 20, Deduct	-65.34	
			For >20 To 40, Deduct	-119.92	
			For >40, Deduct	-250.60	
26 56 13 00-0248	EA		30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,001.44	422.67
			For Galvanized Finish, Add	34.68	
			For >10 To 20, Deduct	-67.38	
			For >20 To 40, Deduct	-123.19	
			For >40, Deduct	-257.95	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0249	EA 35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,185.91	446.15
	<i>For Galvanized Finish, Add</i>	38.81	
	<i>For >10 To 20, Deduct</i>	-74.05	
	<i>For >20 To 40, Deduct</i>	-135.17	
	<i>For >40, Deduct</i>	-283.27	
26 56 13 00-0250	EA 40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,310.97	469.64
	<i>For Galvanized Finish, Add</i>	41.15	
	<i>For >10 To 20, Deduct</i>	-78.35	
	<i>For >20 To 40, Deduct</i>	-142.98	
	<i>For >40, Deduct</i>	-299.68	
26 56 13 00-0251	Hinged, Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0252	Hinged, Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0251)</small>		
26 56 13 00-0253	EA 20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,387.60	281.78
	<i>For Galvanized Finish, Add</i>	54.72	
	<i>For >10 To 20, Deduct</i>	-87.05	
	<i>For >20 To 40, Deduct</i>	-155.86	
	<i>For >40, Deduct</i>	-329.96	
26 56 13 00-0254	EA 25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,699.46	375.71
	<i>For Galvanized Finish, Add</i>	58.44	
	<i>For >10 To 20, Deduct</i>	-96.71	
	<i>For >20 To 40, Deduct</i>	-173.93	
	<i>For >40, Deduct</i>	-367.35	
26 56 13 00-0255	EA 30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,720.03	422.67
	<i>For Galvanized Finish, Add</i>	86.24	
	<i>For >10 To 20, Deduct</i>	-136.12	
	<i>For >20 To 40, Deduct</i>	-243.50	
	<i>For >40, Deduct</i>	-515.74	
26 56 13 00-0256	EA 20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,432.06	281.78
	<i>For Galvanized Finish, Add</i>	56.05	
	<i>For >10 To 20, Deduct</i>	-88.83	
	<i>For >20 To 40, Deduct</i>	-158.97	
	<i>For >40, Deduct</i>	-336.63	
26 56 13 00-0257	EA 25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,958.03	375.71
	<i>For Galvanized Finish, Add</i>	66.20	
	<i>For >10 To 20, Deduct</i>	-107.05	
	<i>For >20 To 40, Deduct</i>	-192.03	
	<i>For >40, Deduct</i>	-406.13	
26 56 13 00-0258	EA 30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,104.96	422.67
	<i>For Galvanized Finish, Add</i>	97.79	
	<i>For >10 To 20, Deduct</i>	-151.52	
	<i>For >20 To 40, Deduct</i>	-270.44	
	<i>For >40, Deduct</i>	-573.48	
26 56 13 00-0259	EA 35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,688.96	446.15
	<i>For Galvanized Finish, Add</i>	113.90	
	<i>For >10 To 20, Deduct</i>	-174.17	
	<i>For >20 To 40, Deduct</i>	-310.38	
	<i>For >40, Deduct</i>	-658.73	
26 56 13 00-0260	EA 39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,481.21	469.64
	<i>For Galvanized Finish, Add</i>	136.26	
	<i>For >10 To 20, Deduct</i>	-205.16	
	<i>For >20 To 40, Deduct</i>	-364.90	
	<i>For >40, Deduct</i>	-775.22	
26 56 13 00-0261	EA 20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,317.40	281.78
	<i>For Galvanized Finish, Add</i>	52.61	
	<i>For >10 To 20, Deduct</i>	-84.24	
	<i>For >20 To 40, Deduct</i>	-150.95	
	<i>For >40, Deduct</i>	-319.43	
26 56 13 00-0262	EA 25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,587.14	375.71
	<i>For Galvanized Finish, Add</i>	55.07	
	<i>For >10 To 20, Deduct</i>	-92.21	
	<i>For >20 To 40, Deduct</i>	-166.07	
	<i>For >40, Deduct</i>	-350.50	
26 56 13 00-0263	EA 30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	3,522.30	422.67
	<i>For Galvanized Finish, Add</i>	80.31	
	<i>For >10 To 20, Deduct</i>	-128.21	
	<i>For >20 To 40, Deduct</i>	-229.65	
	<i>For >40, Deduct</i>	-486.08	
26 56 13 00-0264	EA 20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,398.13	281.78
	<i>For Galvanized Finish, Add</i>	55.04	
	<i>For >10 To 20, Deduct</i>	-87.47	
	<i>For >20 To 40, Deduct</i>	-156.60	
	<i>For >40, Deduct</i>	-331.54	
26 56 13 00-0265	EA 25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,852.73	375.71
	<i>For Galvanized Finish, Add</i>	63.04	
	<i>For >10 To 20, Deduct</i>	-102.84	
	<i>For >20 To 40, Deduct</i>	-184.66	
	<i>For >40, Deduct</i>	-390.34	
26 56 13 00-0266	EA 30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	3,958.71	422.67
	<i>For Galvanized Finish, Add</i>	93.40	
	<i>For >10 To 20, Deduct</i>	-145.67	
	<i>For >20 To 40, Deduct</i>	-260.20	
	<i>For >40, Deduct</i>	-551.54	
26 56 13 00-0267	EA 20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	2,522.15	281.78
	<i>For Galvanized Finish, Add</i>	58.76	
	<i>For >10 To 20, Deduct</i>	-92.43	
	<i>For >20 To 40, Deduct</i>	-165.28	
	<i>For >40, Deduct</i>	-350.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0268 EA 25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,076.20 69.74 -111.78 -200.31 -423.86	375.71
26 56 13 00-0269 EA 30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,221.96 101.30 -156.20 -278.63 -591.03	422.67
26 56 13 00-0270 EA 35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,831.70 118.18 -179.88 -320.37 -680.14	446.15
26 56 13 00-0271 EA 39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,557.26 138.54 -208.20 -370.22 -786.63	469.64
26 56 13 00-0272 Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0273 Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
26 56 13 00-0274 EA 20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,847.27 38.51 -65.44 -118.04 -248.91	281.78
26 56 13 00-0275 EA 25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,261.71 45.31 -79.20 -143.29 -301.69	375.71
26 56 13 00-0276 EA 30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,519.54 50.23 -88.10 -159.46 -335.66	422.67
26 56 13 00-0277 EA 35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,783.21 56.73 -97.94 -176.98 -372.87	446.15
26 56 13 00-0278 EA 39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,933.57 59.83 -103.25 -186.56 -393.07	469.64
26 56 13 00-0279 EA 20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,341.17 53.33 -85.19 -152.61 -323.00	281.78
26 56 13 00-0280 EA 25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,648.91 56.93 -94.69 -170.40 -359.77	375.71
26 56 13 00-0281 EA 30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,836.34 59.73 -100.77 -181.64 -383.18	422.67
26 56 13 00-0282 EA 30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,126.74 68.44 -112.39 -201.97 -426.74	422.67
26 56 13 00-0283 EA 35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,382.71 74.71 -121.92 -218.94 -462.79	446.15
26 56 13 00-0284 EA 35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,742.41 85.50 -136.31 -244.12 -516.75	446.15
26 56 13 00-0285 EA 39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,446.17 75.21 -123.76 -222.45 -469.96	469.64
26 56 13 00-0286 EA 39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,331.67 101.77 -159.18 -284.43 -602.79	469.64

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0287	EA 45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,100.85 86.39 -145.72 -262.64 -554.08	610.53
26 56 13 00-0288	EA 45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,704.75 104.51 -169.87 -304.91 -644.66	610.53
26 56 13 00-0289	EA 50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	4,923.41 105.44 -175.80 -316.46 -668.07	704.45
26 56 13 00-0290	Factory Accessories For Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0291	EA 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles.....	39.00	
26 56 13 00-0292	EA Festoon Outlet Provision For Steel Area Light Poles..... <i>Note: Excludes electrical outlet.</i>	54.00	
26 56 13 00-0293	EA Extra Handhole For Steel Area Light Poles	58.00	
26 56 13 00-0294	EA Vibration Dampener For Steel Area Light Poles	59.00	
26 56 13 00-0295	Aluminum Area Light Poles <small>(26 56 13 00-0177)</small> <i>Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.</i>		
26 56 13 00-0296	Round Straight, Aluminum Area Light Poles <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297	Round Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0296)</small>		
26 56 13 00-0298	EA 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	710.78	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	42.90 85.80 -24.20 -44.12 -92.53	
26 56 13 00-0299	EA 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	779.74	164.38
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	45.10 90.20 -26.26 -48.01 -100.52	
26 56 13 00-0300	EA 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	854.21	187.86
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	47.85 95.70 -28.53 -52.28 -109.35	
26 56 13 00-0301	EA 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	929.77	211.34
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	50.71 101.42 -30.85 -56.63 -118.33	
26 56 13 00-0302	EA 15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	971.95	223.08
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	52.58 105.16 -32.19 -59.11 -123.49	
26 56 13 00-0303	EA 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base	1,013.04	234.81
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	54.34 108.68 -33.48 -61.52 -128.47	
26 56 13 00-0304	EA 16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,079.04	234.81
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	60.94 121.88 -36.12 -66.14 -138.37	
26 56 13 00-0305	EA 18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,167.80	258.30
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	65.12 130.24 -38.96 -71.41 -149.34	
26 56 13 00-0306	EA 20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base	1,249.97	281.78
	<i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	68.64 137.28 -41.55 -76.23 -159.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0307	EA	15'	High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,215.05 76.89 153.78 -41.91 -76.13 -159.95	223.08
26 56 13 00-0308	EA	20'	High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,493.07 92.95 185.90 -51.27 -93.24 -195.78	281.78
26 56 13 00-0309	EA	20'	High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,616.27 105.27 210.54 -56.20 -101.87 -214.26	281.78
26 56 13 00-0310	EA	25'	High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,919.61 116.82 233.64 -65.51 -119.34 -250.37	375.71
26 56 13 00-0311	EA	30'	High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,232.44 138.71 277.42 -76.62 -139.36 -292.60	422.67
26 56 13 00-0312	EA	20'	High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,325.87 76.23 152.46 -44.58 -81.54 -170.70	281.78
26 56 13 00-0313	EA	20'	High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,606.37 104.28 208.56 -55.80 -101.17 -212.78	281.78
26 56 13 00-0314	EA	25'	High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,902.01 115.06 230.12 -64.81 -118.11 -247.73	375.71
26 56 13 00-0315	EA	25'	High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,061.51 131.01 262.02 -71.19 -129.28 -271.66	375.71
26 56 13 00-0316	EA	30'	High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,412.84 156.75 313.50 -83.83 -151.99 -319.66	422.67
26 56 13 00-0317			Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0296)		
26 56 13 00-0318	EA	8'	High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	822.98 81.18 -28.69 -51.97 -109.36	140.89
26 56 13 00-0319	EA	10'	High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	913.94 87.78 -31.63 -57.40 -120.65	164.38
26 56 13 00-0320	EA	12'	High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,000.51 93.72 -34.38 -62.52 -131.29	187.86
26 56 13 00-0321	EA	14'	High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,066.17 96.53 -36.31 -66.18 -138.79	211.34
26 56 13 00-0322	EA	16'	High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,145.04 101.31 -38.76 -70.76 -148.27	234.81

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0323	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	937.04 91.25 -32.55 -59.02 -124.12	164.38
26 56	13 00-0324	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,021.41 96.86 -35.22 -63.98 -134.43	187.86
26 56	13 00-0325	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,109.07 102.96 -38.02 -69.18 -145.23	211.34
26 56	13 00-0326	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,195.64 108.90 -40.78 -74.30 -155.86	234.81
26 56	13 00-0327	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,287.70 115.67 -43.76 -79.81 -167.33	258.30
26 56	13 00-0328	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,373.17 121.44 -46.47 -84.85 -177.80	281.78
26 56	13 00-0329	EA	12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,064.31 103.29 -36.94 -66.99 -140.86	187.86
26 56	13 00-0330	EA	14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,159.67 110.55 -40.05 -72.72 -152.82	211.34
26 56	13 00-0331	EA	16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,253.94 117.65 -43.11 -78.38 -164.61	234.81
26 56	13 00-0332	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,350.40 125.07 -46.27 -84.20 -176.73	258.30
26 56	13 00-0333	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,315.54 126.89 -45.58 -82.70 -173.85	234.81
26 56	13 00-0334	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,517.27 143.06 -52.24 -94.94 -199.41	281.78
26 56	13 00-0335	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,105.01 109.40 -38.56 -69.84 -146.97	187.86
26 56	13 00-0336	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,212.47 118.47 -42.16 -76.42 -160.74	211.34
26 56	13 00-0337	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,308.94 125.90 -45.31 -82.23 -172.86	234.81
26 56	13 00-0338	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,412.00 134.31 -48.73 -88.51 -185.97	258.30
26 56	13 00-0339	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,511.77 142.23 -52.02 -94.55 -198.59	281.78
26 56	13 00-0340	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,389.24 137.94 -48.53 -87.85 -184.90	234.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0341	EA		18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,502.20 147.84 -52.34 -94.82 -199.50	258.30
26 56 13 00-0342	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,545.87 147.35 -53.38 -96.94 -203.70	281.78
26 56 13 00-0343			Round Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0296) Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0344	EA		10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	639.61 40.48 80.96 -22.06 -40.08 -84.20	117.41
26 56 13 00-0345	EA		12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	684.00 42.57 85.14 -23.49 -42.71 -89.69	129.15
26 56 13 00-0346	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	756.98 47.52 95.04 -26.05 -47.35 -99.46	140.89
26 56 13 00-0347	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	782.28 50.05 100.10 -27.06 -49.12 -103.25	140.89
26 56 13 00-0348	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	814.18 53.24 106.48 -28.34 -51.36 -108.04	140.89
26 56 13 00-0349	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	934.46 62.92 125.84 -32.80 -59.31 -124.91	152.63
26 56 13 00-0350	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	998.64 66.99 133.98 -35.01 -63.33 -133.36	164.38
26 56 13 00-0351	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,169.14 84.04 168.08 -41.83 -75.27 -158.93	164.38
26 56 13 00-0352	EA		25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,435.01 105.93 211.86 -51.76 -92.94 -196.47	187.86
26 56 13 00-0353	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,629.37 120.67 241.34 -58.83 -105.60 -223.27	211.34
26 56 13 00-0354	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,830.67 140.80 281.60 -66.89 -119.69 -253.47	211.34
26 56 13 00-0355			Round Tapered, Aluminum Area Light Poles (26 56 13 00-0295)		
26 56 13 00-0356			Round Tapered, Aluminum Area Light Poles, Anchor Base (26 56 13 00-0355)		
26 56 13 00-0357	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	593.08 31.13 62.26 -19.50 -35.88 -74.87	140.89

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0358	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	665.34	164.38
		For Bronze Or Satin Anodized Finish, Add	33.66	
		For Black Anodized Finish, Add	67.32	
		For >10 To 20, Deduct	-21.68	
		For >20 To 40, Deduct	-40.00	
		For >40, Deduct	-83.36	
26 56 13 00-0359	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	737.61	187.86
		For Bronze Or Satin Anodized Finish, Add	36.19	
		For Black Anodized Finish, Add	72.38	
		For >10 To 20, Deduct	-23.87	
		For >20 To 40, Deduct	-44.12	
		For >40, Deduct	-91.86	
26 56 13 00-0360	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	819.77	211.34
		For Bronze Or Satin Anodized Finish, Add	39.71	
		For Black Anodized Finish, Add	79.42	
		For >10 To 20, Deduct	-26.45	
		For >20 To 40, Deduct	-48.93	
		For >40, Deduct	-101.83	
26 56 13 00-0361	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	900.84	234.81
		For Bronze Or Satin Anodized Finish, Add	43.12	
		For Black Anodized Finish, Add	86.24	
		For >10 To 20, Deduct	-28.99	
		For >20 To 40, Deduct	-53.67	
		For >40, Deduct	-111.64	
26 56 13 00-0362	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	693.94	164.38
		For Bronze Or Satin Anodized Finish, Add	36.52	
		For Black Anodized Finish, Add	73.04	
		For >10 To 20, Deduct	-22.83	
		For >20 To 40, Deduct	-42.00	
		For >40, Deduct	-87.65	
26 56 13 00-0363	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	782.71	187.86
		For Bronze Or Satin Anodized Finish, Add	40.70	
		For Black Anodized Finish, Add	81.40	
		For >10 To 20, Deduct	-25.67	
		For >20 To 40, Deduct	-47.28	
		For >40, Deduct	-98.62	
26 56 13 00-0364	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	868.17	211.34
		For Bronze Or Satin Anodized Finish, Add	44.55	
		For Black Anodized Finish, Add	89.10	
		For >10 To 20, Deduct	-28.39	
		For >20 To 40, Deduct	-52.32	
		For >40, Deduct	-109.09	
26 56 13 00-0365	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,031.40	258.30
		For Bronze Or Satin Anodized Finish, Add	51.48	
		For Black Anodized Finish, Add	102.96	
		For >10 To 20, Deduct	-33.51	
		For >20 To 40, Deduct	-61.87	
		For >40, Deduct	-128.88	
26 56 13 00-0366	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,105.87	281.78
		For Bronze Or Satin Anodized Finish, Add	54.23	
		For Black Anodized Finish, Add	108.46	
		For >10 To 20, Deduct	-35.78	
		For >20 To 40, Deduct	-66.14	
		For >40, Deduct	-137.70	
26 56 13 00-0367	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	823.41	187.86
		For Bronze Or Satin Anodized Finish, Add	44.77	
		For Black Anodized Finish, Add	89.54	
		For >10 To 20, Deduct	-27.30	
		For >20 To 40, Deduct	-50.12	
		For >40, Deduct	-104.73	
26 56 13 00-0368	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	915.47	211.34
		For Bronze Or Satin Anodized Finish, Add	49.28	
		For Black Anodized Finish, Add	98.56	
		For >10 To 20, Deduct	-30.28	
		For >20 To 40, Deduct	-55.63	
		For >40, Deduct	-116.19	
26 56 13 00-0369	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,015.24	234.81
		For Bronze Or Satin Anodized Finish, Add	54.56	
		For Black Anodized Finish, Add	109.12	
		For >10 To 20, Deduct	-33.57	
		For >20 To 40, Deduct	-61.67	
		For >40, Deduct	-128.80	
26 56 13 00-0370	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,095.20	258.30
		For Bronze Or Satin Anodized Finish, Add	57.86	
		For Black Anodized Finish, Add	115.72	
		For >10 To 20, Deduct	-36.06	
		For >20 To 40, Deduct	-66.33	
		For >40, Deduct	-138.45	
26 56 13 00-0371	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,190.57	281.78
		For Bronze Or Satin Anodized Finish, Add	62.70	
		For Black Anodized Finish, Add	125.40	
		For >10 To 20, Deduct	-39.17	
		For >20 To 40, Deduct	-72.07	
		For >40, Deduct	-150.41	
26 56 13 00-0372	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,123.04	234.81
		For Bronze Or Satin Anodized Finish, Add	65.34	
		For Black Anodized Finish, Add	130.68	
		For >10 To 20, Deduct	-37.88	
		For >20 To 40, Deduct	-69.22	
		For >40, Deduct	-144.97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0373	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,232.70	258.30
			<i>For Bronze Or Satin Anodized Finish, Add</i>	71.61	
			<i>For Black Anodized Finish, Add</i>	143.22	
			<i>For >10 To 20, Deduct</i>	-41.56	
			<i>For >20 To 40, Deduct</i>	-75.96	
			<i>For >40, Deduct</i>	-159.08	
26 56 13 00-0374	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,297.27	281.78
			<i>For Bronze Or Satin Anodized Finish, Add</i>	73.37	
			<i>For Black Anodized Finish, Add</i>	146.74	
			<i>For >10 To 20, Deduct</i>	-43.44	
			<i>For >20 To 40, Deduct</i>	-79.54	
			<i>For >40, Deduct</i>	-166.41	
26 56 13 00-0375	EA		23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,489.09	328.74
			<i>For Bronze Or Satin Anodized Finish, Add</i>	83.16	
			<i>For Black Anodized Finish, Add</i>	166.32	
			<i>For >10 To 20, Deduct</i>	-49.70	
			<i>For >20 To 40, Deduct</i>	-91.09	
			<i>For >40, Deduct</i>	-190.49	
26 56 13 00-0376	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,687.51	375.71
			<i>For Bronze Or Satin Anodized Finish, Add</i>	93.61	
			<i>For Black Anodized Finish, Add</i>	187.22	
			<i>For >10 To 20, Deduct</i>	-56.23	
			<i>For >20 To 40, Deduct</i>	-103.10	
			<i>For >40, Deduct</i>	-215.56	
26 56 13 00-0377	EA		18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,340.50	258.30
			<i>For Bronze Or Satin Anodized Finish, Add</i>	82.39	
			<i>For Black Anodized Finish, Add</i>	164.78	
			<i>For >10 To 20, Deduct</i>	-45.87	
			<i>For >20 To 40, Deduct</i>	-83.50	
			<i>For >40, Deduct</i>	-175.25	
26 56 13 00-0378	EA		20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,428.17	281.78
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.46	
			<i>For Black Anodized Finish, Add</i>	172.92	
			<i>For >10 To 20, Deduct</i>	-48.67	
			<i>For >20 To 40, Deduct</i>	-88.70	
			<i>For >40, Deduct</i>	-186.05	
26 56 13 00-0379	EA		23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,592.49	328.74
			<i>For Bronze Or Satin Anodized Finish, Add</i>	93.50	
			<i>For Black Anodized Finish, Add</i>	187.00	
			<i>For >10 To 20, Deduct</i>	-53.84	
			<i>For >20 To 40, Deduct</i>	-98.32	
			<i>For >40, Deduct</i>	-206.00	
26 56 13 00-0380	EA		25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,766.71	375.71
			<i>For Bronze Or Satin Anodized Finish, Add</i>	101.53	
			<i>For Black Anodized Finish, Add</i>	203.06	
			<i>For >10 To 20, Deduct</i>	-59.40	
			<i>For >20 To 40, Deduct</i>	-108.64	
			<i>For >40, Deduct</i>	-227.44	
26 56 13 00-0381	EA		28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,902.78	399.19
			<i>For Bronze Or Satin Anodized Finish, Add</i>	110.44	
			<i>For Black Anodized Finish, Add</i>	220.88	
			<i>For >10 To 20, Deduct</i>	-64.14	
			<i>For >20 To 40, Deduct</i>	-117.23	
			<i>For >40, Deduct</i>	-245.50	
26 56 13 00-0382	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,041.04	422.67
			<i>For Bronze Or Satin Anodized Finish, Add</i>	119.57	
			<i>For Black Anodized Finish, Add</i>	239.14	
			<i>For >10 To 20, Deduct</i>	-68.96	
			<i>For >20 To 40, Deduct</i>	-125.97	
			<i>For >40, Deduct</i>	-263.89	
26 56 13 00-0383	EA		23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,694.79	328.74
			<i>For Bronze Or Satin Anodized Finish, Add</i>	103.73	
			<i>For Black Anodized Finish, Add</i>	207.46	
			<i>For >10 To 20, Deduct</i>	-57.93	
			<i>For >20 To 40, Deduct</i>	-105.49	
			<i>For >40, Deduct</i>	-221.34	
26 56 13 00-0384	EA		25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,834.91	375.71
			<i>For Bronze Or Satin Anodized Finish, Add</i>	108.35	
			<i>For Black Anodized Finish, Add</i>	216.70	
			<i>For >10 To 20, Deduct</i>	-62.13	
			<i>For >20 To 40, Deduct</i>	-113.42	
			<i>For >40, Deduct</i>	-237.67	
26 56 13 00-0385	EA		28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,976.48	399.19
			<i>For Bronze Or Satin Anodized Finish, Add</i>	117.81	
			<i>For Black Anodized Finish, Add</i>	235.62	
			<i>For >10 To 20, Deduct</i>	-67.08	
			<i>For >20 To 40, Deduct</i>	-122.39	
			<i>For >40, Deduct</i>	-256.55	
26 56 13 00-0386	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,155.44	422.67
			<i>For Bronze Or Satin Anodized Finish, Add</i>	131.01	
			<i>For Black Anodized Finish, Add</i>	262.02	
			<i>For >10 To 20, Deduct</i>	-73.54	
			<i>For >20 To 40, Deduct</i>	-133.97	
			<i>For >40, Deduct</i>	-281.05	
26 56 13 00-0387	EA		33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,228.42	434.42
			<i>For Bronze Or Satin Anodized Finish, Add</i>	135.96	
			<i>For Black Anodized Finish, Add</i>	271.92	
			<i>For >10 To 20, Deduct</i>	-76.10	
			<i>For >20 To 40, Deduct</i>	-138.61	
			<i>For >40, Deduct</i>	-290.82	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0388	EA 35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,385.01	446.15
	For Bronze Or Satin Anodized Finish, Add	149.27	
	For Black Anodized Finish, Add	298.54	
	For >10 To 20, Deduct	-82.02	
	For >20 To 40, Deduct	-149.10	
	For >40, Deduct	-313.14	
26 56 13 00-0389	EA 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	868.51	187.86
	For Bronze Or Satin Anodized Finish, Add	49.28	
	For Black Anodized Finish, Add	98.56	
	For >10 To 20, Deduct	-29.10	
	For >20 To 40, Deduct	-53.28	
	For >40, Deduct	-111.49	
26 56 13 00-0390	EA 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	968.27	211.34
	For Bronze Or Satin Anodized Finish, Add	54.56	
	For Black Anodized Finish, Add	109.12	
	For >10 To 20, Deduct	-32.39	
	For >20 To 40, Deduct	-59.33	
	For >40, Deduct	-124.11	
26 56 13 00-0391	EA 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,072.44	234.81
	For Bronze Or Satin Anodized Finish, Add	60.28	
	For Black Anodized Finish, Add	120.56	
	For >10 To 20, Deduct	-35.85	
	For >20 To 40, Deduct	-65.68	
	For >40, Deduct	-137.38	
26 56 13 00-0392	EA 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,164.50	258.30
	For Bronze Or Satin Anodized Finish, Add	64.79	
	For Black Anodized Finish, Add	129.58	
	For >10 To 20, Deduct	-38.83	
	For >20 To 40, Deduct	-71.18	
	For >40, Deduct	-148.85	
26 56 13 00-0393	EA 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,255.47	281.78
	For Bronze Or Satin Anodized Finish, Add	69.19	
	For Black Anodized Finish, Add	138.38	
	For >10 To 20, Deduct	-41.77	
	For >20 To 40, Deduct	-76.61	
	For >40, Deduct	-160.14	
26 56 13 00-0394	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,192.34	234.81
	For Bronze Or Satin Anodized Finish, Add	72.27	
	For Black Anodized Finish, Add	144.54	
	For >10 To 20, Deduct	-40.65	
	For >20 To 40, Deduct	-74.07	
	For >40, Deduct	-155.37	
26 56 13 00-0395	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,305.30	258.30
	For Bronze Or Satin Anodized Finish, Add	78.87	
	For Black Anodized Finish, Add	157.74	
	For >10 To 20, Deduct	-44.46	
	For >20 To 40, Deduct	-81.04	
	For >40, Deduct	-169.97	
26 56 13 00-0396	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,384.17	281.78
	For Bronze Or Satin Anodized Finish, Add	82.06	
	For Black Anodized Finish, Add	164.12	
	For >10 To 20, Deduct	-46.91	
	For >20 To 40, Deduct	-85.62	
	For >40, Deduct	-179.45	
26 56 13 00-0397	EA 23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,570.49	328.74
	For Bronze Or Satin Anodized Finish, Add	91.30	
	For Black Anodized Finish, Add	182.60	
	For >10 To 20, Deduct	-52.96	
	For >20 To 40, Deduct	-96.78	
	For >40, Deduct	-202.70	
26 56 13 00-0398	EA 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,763.41	375.71
	For Bronze Or Satin Anodized Finish, Add	101.20	
	For Black Anodized Finish, Add	202.40	
	For >10 To 20, Deduct	-59.27	
	For >20 To 40, Deduct	-108.41	
	For >40, Deduct	-226.94	
26 56 13 00-0399	EA 23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,819.09	328.74
	For Bronze Or Satin Anodized Finish, Add	116.16	
	For Black Anodized Finish, Add	232.32	
	For >10 To 20, Deduct	-62.90	
	For >20 To 40, Deduct	-114.19	
	For >40, Deduct	-239.99	
26 56 13 00-0400	EA 25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,999.91	375.71
	For Bronze Or Satin Anodized Finish, Add	124.85	
	For Black Anodized Finish, Add	249.70	
	For >10 To 20, Deduct	-68.73	
	For >20 To 40, Deduct	-124.97	
	For >40, Deduct	-262.42	
26 56 13 00-0401	EA 28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,154.68	399.19
	For Bronze Or Satin Anodized Finish, Add	135.63	
	For Black Anodized Finish, Add	271.26	
	For >10 To 20, Deduct	-74.21	
	For >20 To 40, Deduct	-134.86	
	For >40, Deduct	-283.28	
26 56 13 00-0402	EA 30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,290.74	422.67
	For Bronze Or Satin Anodized Finish, Add	144.54	
	For Black Anodized Finish, Add	289.08	
	For >10 To 20, Deduct	-78.95	
	For >20 To 40, Deduct	-143.45	
	For >40, Deduct	-301.34	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0403	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,420.92	434.42
		For Bronze Or Satin Anodized Finish, Add		155.21	
		For Black Anodized Finish, Add		310.42	
		For >10 To 20, Deduct		-83.80	
		For >20 To 40, Deduct		-152.09	
		For >40, Deduct		-319.70	
26 56 13 00-0404	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,533.51	446.15
		For Bronze Or Satin Anodized Finish, Add		164.12	
		For Black Anodized Finish, Add		328.24	
		For >10 To 20, Deduct		-87.96	
		For >20 To 40, Deduct		-159.50	
		For >40, Deduct		-335.41	
26 56 13 00-0405	EA	37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,628.49	457.89
		For Bronze Or Satin Anodized Finish, Add		171.27	
		For Black Anodized Finish, Add		342.54	
		For >10 To 20, Deduct		-91.40	
		For >20 To 40, Deduct		-165.68	
		For >40, Deduct		-348.48	
26 56 13 00-0406	EA	39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,805.97	469.64
		For Bronze Or Satin Anodized Finish, Add		186.67	
		For Black Anodized Finish, Add		373.34	
		For >10 To 20, Deduct		-98.15	
		For >20 To 40, Deduct		-177.63	
		For >40, Deduct		-373.93	
26 56 13 00-0407	EA	28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,629.88	399.19
		For Bronze Or Satin Anodized Finish, Add		183.15	
		For Black Anodized Finish, Add		366.30	
		For >10 To 20, Deduct		-93.22	
		For >20 To 40, Deduct		-168.12	
		For >40, Deduct		-354.56	
26 56 13 00-0408	EA	30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,840.74	422.67
		For Bronze Or Satin Anodized Finish, Add		199.54	
		For Black Anodized Finish, Add		399.08	
		For >10 To 20, Deduct		-100.95	
		For >20 To 40, Deduct		-181.95	
		For >40, Deduct		-383.84	
26 56 13 00-0409	EA	33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,992.92	434.42
		For Bronze Or Satin Anodized Finish, Add		212.41	
		For Black Anodized Finish, Add		424.82	
		For >10 To 20, Deduct		-106.68	
		For >20 To 40, Deduct		-192.13	
		For >40, Deduct		-405.50	
26 56 13 00-0410	EA	35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	3,106.61	446.15
		For Bronze Or Satin Anodized Finish, Add		221.43	
		For Black Anodized Finish, Add		442.86	
		For >10 To 20, Deduct		-110.88	
		For >20 To 40, Deduct		-199.62	
		For >40, Deduct		-421.38	
26 56 13 00-0411	EA	37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	3,166.39	457.89
		For Bronze Or Satin Anodized Finish, Add		225.06	
		For Black Anodized Finish, Add		450.12	
		For >10 To 20, Deduct		-112.92	
		For >20 To 40, Deduct		-203.33	
		For >40, Deduct		-429.17	
26 56 13 00-0412	EA	39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	3,362.57	469.64
		For Bronze Or Satin Anodized Finish, Add		242.33	
		For Black Anodized Finish, Add		484.66	
		For >10 To 20, Deduct		-120.41	
		For >20 To 40, Deduct		-216.59	
		For >40, Deduct		-457.42	
26 56 13 00-0413	EA	28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,479.18	399.19
		For Bronze Or Satin Anodized Finish, Add		168.08	
		For Black Anodized Finish, Add		336.16	
		For >10 To 20, Deduct		-87.19	
		For >20 To 40, Deduct		-157.58	
		For >40, Deduct		-331.96	
26 56 13 00-0414	EA	30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,670.24	422.67
		For Bronze Or Satin Anodized Finish, Add		182.49	
		For Black Anodized Finish, Add		364.98	
		For >10 To 20, Deduct		-94.13	
		For >20 To 40, Deduct		-170.01	
		For >40, Deduct		-358.27	
26 56 13 00-0415	EA	33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,743.22	434.42
		For Bronze Or Satin Anodized Finish, Add		187.44	
		For Black Anodized Finish, Add		374.88	
		For >10 To 20, Deduct		-96.70	
		For >20 To 40, Deduct		-174.65	
		For >40, Deduct		-368.04	
26 56 13 00-0416	EA	35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	2,942.71	446.15
		For Bronze Or Satin Anodized Finish, Add		205.04	
		For Black Anodized Finish, Add		410.08	
		For >10 To 20, Deduct		-104.32	
		For >20 To 40, Deduct		-188.14	
		For >40, Deduct		-396.79	
26 56 13 00-0417	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	.....	3,036.59	457.89
		For Bronze Or Satin Anodized Finish, Add		212.08	
		For Black Anodized Finish, Add		424.16	
		For >10 To 20, Deduct		-107.73	
		For >20 To 40, Deduct		-194.25	
		For >40, Deduct		-409.70	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0418	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,233.87	469.64
		<i>For Bronze Or Satin Anodized Finish, Add</i>	229.46	
		<i>For Black Anodized Finish, Add</i>	458.92	
		<i>For >10 To 20, Deduct</i>	-115.27	
		<i>For >20 To 40, Deduct</i>	-207.59	
		<i>For >40, Deduct</i>	-438.12	
26 56 13 00-0419	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,167.78	399.19
		<i>For Bronze Or Satin Anodized Finish, Add</i>	236.94	
		<i>For Black Anodized Finish, Add</i>	473.88	
		<i>For >10 To 20, Deduct</i>	-114.74	
		<i>For >20 To 40, Deduct</i>	-205.78	
		<i>For >40, Deduct</i>	-435.25	
26 56 13 00-0420	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,348.94	422.67
		<i>For Bronze Or Satin Anodized Finish, Add</i>	250.36	
		<i>For Black Anodized Finish, Add</i>	500.72	
		<i>For >10 To 20, Deduct</i>	-121.28	
		<i>For >20 To 40, Deduct</i>	-217.52	
		<i>For >40, Deduct</i>	-460.07	
26 56 13 00-0421	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,503.32	434.42
		<i>For Bronze Or Satin Anodized Finish, Add</i>	263.45	
		<i>For Black Anodized Finish, Add</i>	526.90	
		<i>For >10 To 20, Deduct</i>	-127.10	
		<i>For >20 To 40, Deduct</i>	-227.86	
		<i>For >40, Deduct</i>	-482.06	
26 56 13 00-0422	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,746.81	446.15
		<i>For Bronze Or Satin Anodized Finish, Add</i>	285.45	
		<i>For Black Anodized Finish, Add</i>	570.90	
		<i>For >10 To 20, Deduct</i>	-136.49	
		<i>For >20 To 40, Deduct</i>	-244.43	
		<i>For >40, Deduct</i>	-517.41	
26 56 13 00-0423	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,794.49	457.89
		<i>For Bronze Or Satin Anodized Finish, Add</i>	287.87	
		<i>For Black Anodized Finish, Add</i>	575.74	
		<i>For >10 To 20, Deduct</i>	-138.04	
		<i>For >20 To 40, Deduct</i>	-247.30	
		<i>For >40, Deduct</i>	-523.38	
26 56 13 00-0424	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,036.87	469.64
		<i>For Bronze Or Satin Anodized Finish, Add</i>	309.76	
		<i>For Black Anodized Finish, Add</i>	619.52	
		<i>For >10 To 20, Deduct</i>	-147.39	
		<i>For >20 To 40, Deduct</i>	-263.80	
		<i>For >40, Deduct</i>	-558.57	
26 56 13 00-0425	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,015.81	704.45
		<i>For Bronze Or Satin Anodized Finish, Add</i>	360.69	
		<i>For Black Anodized Finish, Add</i>	721.38	
		<i>For >10 To 20, Deduct</i>	-179.50	
		<i>For >20 To 40, Deduct</i>	-322.93	
		<i>For >40, Deduct</i>	-681.93	
26 56 13 00-0426	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,152.21	704.45
		<i>For Bronze Or Satin Anodized Finish, Add</i>	374.33	
		<i>For Black Anodized Finish, Add</i>	748.66	
		<i>For >10 To 20, Deduct</i>	-184.95	
		<i>For >20 To 40, Deduct</i>	-332.48	
		<i>For >40, Deduct</i>	-702.39	
26 56 13 00-0427		Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base <small>(26 56 13 00-0355)</small>		
26 56 13 00-0428	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	829.58	140.89
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	82.17	
		<i>For >10 To 20, Deduct</i>	-28.96	
		<i>For >20 To 40, Deduct</i>	-52.44	
		<i>For >40, Deduct</i>	-110.35	
26 56 13 00-0429	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	899.64	164.38
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	85.64	
		<i>For >10 To 20, Deduct</i>	-31.05	
		<i>For >20 To 40, Deduct</i>	-56.40	
		<i>For >40, Deduct</i>	-118.51	
26 56 13 00-0430	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	970.81	187.86
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	89.27	
		<i>For >10 To 20, Deduct</i>	-33.20	
		<i>For >20 To 40, Deduct</i>	-60.44	
		<i>For >40, Deduct</i>	-126.84	
26 56 13 00-0431	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,044.17	211.34
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	93.23	
		<i>For >10 To 20, Deduct</i>	-35.43	
		<i>For >20 To 40, Deduct</i>	-64.64	
		<i>For >40, Deduct</i>	-135.49	
26 56 13 00-0432	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,116.44	234.81
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	97.02	
		<i>For >10 To 20, Deduct</i>	-37.61	
		<i>For >20 To 40, Deduct</i>	-68.76	
		<i>For >40, Deduct</i>	-143.98	
26 56 13 00-0433	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	912.84	164.38
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	87.62	
		<i>For >10 To 20, Deduct</i>	-31.58	
		<i>For >20 To 40, Deduct</i>	-57.32	
		<i>For >40, Deduct</i>	-120.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0434	EA		12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	986.21 91.58 -33.81 -61.52 -129.15	187.86
26 56 13 00-0435	EA		14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,061.77 95.87 -36.13 -65.87 -138.13	211.34
26 56 13 00-0436	EA		16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,136.24 99.99 -38.41 -70.14 -146.95	234.81
26 56 13 00-0437	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,225.00 106.26 -41.25 -75.42 -157.92	258.30
26 56 13 00-0438	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,303.87 111.05 -43.70 -80.00 -167.40	281.78
26 56 13 00-0439	EA		12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,029.11 98.01 -35.53 -64.52 -135.58	187.86
26 56 13 00-0440	EA		14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,110.17 103.13 -38.07 -69.26 -145.39	211.34
26 56 13 00-0441	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,204.44 110.22 -41.13 -74.92 -157.18	234.81
26 56 13 00-0442	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,287.70 115.67 -43.76 -79.81 -167.33	258.30
26 56 13 00-0443	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,385.27 123.26 -46.96 -85.70 -179.61	281.78
26 56 13 00-0444	EA		16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,267.14 119.63 -43.64 -79.31 -166.59	234.81
26 56 13 00-0445	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,372.40 128.37 -47.15 -85.74 -180.03	258.30
26 56 13 00-0446	EA		20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,453.47 133.49 -49.69 -90.47 -189.84	281.78
26 56 13 00-0447	EA		12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,063.21 103.13 -36.89 -66.91 -140.70	187.86
26 56 13 00-0448	EA		14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,161.87 110.88 -40.13 -72.88 -153.15	211.34
26 56 13 00-0449	EA		16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,267.14 119.63 -43.64 -79.31 -166.59	234.81
26 56 13 00-0450	EA		18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,359.20 126.39 -46.62 -84.81 -178.05	258.30
26 56 13 00-0451	EA		20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,458.97 134.31 -49.91 -90.86 -190.67	281.78

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0452	EA 16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,338.64	234.81
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	130.35	
	<i>For >10 To 20, Deduct</i>	-46.50	
	<i>For >20 To 40, Deduct</i>	-84.31	
	<i>For >40, Deduct</i>	-177.31	
26 56 13 00-0453	EA 18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,452.70	258.30
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	140.42	
	<i>For >10 To 20, Deduct</i>	-50.36	
	<i>For >20 To 40, Deduct</i>	-91.36	
	<i>For >40, Deduct</i>	-192.08	
26 56 13 00-0454	EA 20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,539.27	281.78
	<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	146.36	
	<i>For >10 To 20, Deduct</i>	-53.12	
	<i>For >20 To 40, Deduct</i>	-96.48	
	<i>For >40, Deduct</i>	-202.71	
26 56 13 00-0455	Round Tapered, Aluminum Area Light Poles, Direct Burial <small>(26 56 13 00-0355)</small>		
	Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0456	EA 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	560.41	117.41
	<i>For Bronze Or Satin Anodized Finish, Add</i>	32.56	
	<i>For Black Anodized Finish, Add</i>	65.12	
	<i>For >10 To 20, Deduct</i>	-18.89	
	<i>For >20 To 40, Deduct</i>	-34.53	
	<i>For >40, Deduct</i>	-72.32	
26 56 13 00-0457	EA 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	591.21	117.41
	<i>For Bronze Or Satin Anodized Finish, Add</i>	35.64	
	<i>For Black Anodized Finish, Add</i>	71.28	
	<i>For >10 To 20, Deduct</i>	-20.13	
	<i>For >20 To 40, Deduct</i>	-36.69	
	<i>For >40, Deduct</i>	-76.94	
26 56 13 00-0458	EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	640.00	129.15
	<i>For Bronze Or Satin Anodized Finish, Add</i>	38.17	
	<i>For Black Anodized Finish, Add</i>	76.34	
	<i>For >10 To 20, Deduct</i>	-21.73	
	<i>For >20 To 40, Deduct</i>	-39.63	
	<i>For >40, Deduct</i>	-83.09	
26 56 13 00-0459	EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	681.08	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i>	39.93	
	<i>For Black Anodized Finish, Add</i>	79.86	
	<i>For >10 To 20, Deduct</i>	-23.02	
	<i>For >20 To 40, Deduct</i>	-42.04	
	<i>For >40, Deduct</i>	-88.07	
26 56 13 00-0460	EA 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	720.68	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i>	43.89	
	<i>For Black Anodized Finish, Add</i>	87.78	
	<i>For >10 To 20, Deduct</i>	-24.60	
	<i>For >20 To 40, Deduct</i>	-44.81	
	<i>For >40, Deduct</i>	-94.01	
26 56 13 00-0461	EA 12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	669.70	129.15
	<i>For Bronze Or Satin Anodized Finish, Add</i>	41.14	
	<i>For Black Anodized Finish, Add</i>	82.28	
	<i>For >10 To 20, Deduct</i>	-22.91	
	<i>For >20 To 40, Deduct</i>	-41.71	
	<i>For >40, Deduct</i>	-87.54	
26 56 13 00-0462	EA 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	723.98	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i>	44.22	
	<i>For Black Anodized Finish, Add</i>	88.44	
	<i>For >10 To 20, Deduct</i>	-24.73	
	<i>For >20 To 40, Deduct</i>	-45.04	
	<i>For >40, Deduct</i>	-94.51	
26 56 13 00-0463	EA 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	745.98	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i>	46.42	
	<i>For Black Anodized Finish, Add</i>	92.84	
	<i>For >10 To 20, Deduct</i>	-25.61	
	<i>For >20 To 40, Deduct</i>	-46.58	
	<i>For >40, Deduct</i>	-97.81	
26 56 13 00-0464	EA 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	804.66	152.63
	<i>For Bronze Or Satin Anodized Finish, Add</i>	49.94	
	<i>For Black Anodized Finish, Add</i>	99.88	
	<i>For >10 To 20, Deduct</i>	-27.61	
	<i>For >20 To 40, Deduct</i>	-50.22	
	<i>For >40, Deduct</i>	-105.44	
26 56 13 00-0465	EA 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	858.94	164.38
	<i>For Bronze Or Satin Anodized Finish, Add</i>	53.02	
	<i>For Black Anodized Finish, Add</i>	106.04	
	<i>For >10 To 20, Deduct</i>	-29.43	
	<i>For >20 To 40, Deduct</i>	-53.55	
	<i>For >40, Deduct</i>	-112.40	
26 56 13 00-0466	EA 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	809.78	140.89
	<i>For Bronze Or Satin Anodized Finish, Add</i>	52.80	
	<i>For Black Anodized Finish, Add</i>	105.60	
	<i>For >10 To 20, Deduct</i>	-28.16	
	<i>For >20 To 40, Deduct</i>	-51.05	
	<i>For >40, Deduct</i>	-107.38	
26 56 13 00-0467	EA 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	875.06	152.63
	<i>For Bronze Or Satin Anodized Finish, Add</i>	56.98	
	<i>For Black Anodized Finish, Add</i>	113.96	
	<i>For >10 To 20, Deduct</i>	-30.42	
	<i>For >20 To 40, Deduct</i>	-55.15	
	<i>For >40, Deduct</i>	-116.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0468	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	934.84	164.38
			For Bronze Or Satin Anodized Finish, Add	60.61	
			For Black Anodized Finish, Add	121.22	
			For >10 To 20, Deduct	-32.46	
			For >20 To 40, Deduct	-58.86	
			For >40, Deduct	-123.79	
26 56 13 00-0469	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	965.26	152.63
			For Bronze Or Satin Anodized Finish, Add	66.00	
			For Black Anodized Finish, Add	132.00	
			For >10 To 20, Deduct	-34.03	
			For >20 To 40, Deduct	-61.46	
			For >40, Deduct	-129.53	
26 56 13 00-0470	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,241.41	187.86
			For Bronze Or Satin Anodized Finish, Add	86.57	
			For Black Anodized Finish, Add	173.14	
			For >10 To 20, Deduct	-44.02	
			For >20 To 40, Deduct	-79.38	
			For >40, Deduct	-167.43	
26 56 13 00-0471	EA		25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,365.71	187.86
			For Bronze Or Satin Anodized Finish, Add	99.00	
			For Black Anodized Finish, Add	198.00	
			For >10 To 20, Deduct	-48.99	
			For >20 To 40, Deduct	-88.09	
			For >40, Deduct	-186.07	
26 56 13 00-0472	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,519.37	211.34
			For Bronze Or Satin Anodized Finish, Add	109.67	
			For Black Anodized Finish, Add	219.34	
			For >10 To 20, Deduct	-54.43	
			For >20 To 40, Deduct	-97.90	
			For >40, Deduct	-206.77	
26 56 13 00-0473	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,654.67	211.34
			For Bronze Or Satin Anodized Finish, Add	123.20	
			For Black Anodized Finish, Add	246.40	
			For >10 To 20, Deduct	-59.85	
			For >20 To 40, Deduct	-107.37	
			For >40, Deduct	-227.07	
26 56 13 00-0474			Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0295)</small>		
26 56 13 00-0475			Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0474)</small>		
26 56 13 00-0476	EA		8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	736.08	140.89
			For Bronze Or Satin Anodized Finish, Add	45.43	
			For Black Anodized Finish, Add	90.86	
			For >10 To 20, Deduct	-25.22	
			For >20 To 40, Deduct	-45.89	
			For >40, Deduct	-96.32	
26 56 13 00-0477	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	806.14	164.38
			For Bronze Or Satin Anodized Finish, Add	47.74	
			For Black Anodized Finish, Add	95.48	
			For >10 To 20, Deduct	-27.31	
			For >20 To 40, Deduct	-49.86	
			For >40, Deduct	-104.48	
26 56 13 00-0478	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	885.01	187.86
			For Bronze Or Satin Anodized Finish, Add	50.93	
			For Black Anodized Finish, Add	101.86	
			For >10 To 20, Deduct	-29.76	
			For >20 To 40, Deduct	-54.44	
			For >40, Deduct	-113.97	
26 56 13 00-0479	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	962.77	211.34
			For Bronze Or Satin Anodized Finish, Add	54.01	
			For Black Anodized Finish, Add	108.02	
			For >10 To 20, Deduct	-32.17	
			For >20 To 40, Deduct	-58.94	
			For >40, Deduct	-123.28	
26 56 13 00-0480	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,006.05	223.08
			For Bronze Or Satin Anodized Finish, Add	55.99	
			For Black Anodized Finish, Add	111.98	
			For >10 To 20, Deduct	-33.55	
			For >20 To 40, Deduct	-61.50	
			For >40, Deduct	-128.60	
26 56 13 00-0481	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,049.34	234.81
			For Bronze Or Satin Anodized Finish, Add	57.97	
			For Black Anodized Finish, Add	115.94	
			For >10 To 20, Deduct	-34.93	
			For >20 To 40, Deduct	-64.06	
			For >40, Deduct	-133.92	
26 56 13 00-0482	EA		18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,133.70	258.30
			For Bronze Or Satin Anodized Finish, Add	61.71	
			For Black Anodized Finish, Add	123.42	
			For >10 To 20, Deduct	-37.60	
			For >20 To 40, Deduct	-69.03	
			For >40, Deduct	-144.23	
26 56 13 00-0483	EA		20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,227.97	281.78
			For Bronze Or Satin Anodized Finish, Add	66.44	
			For Black Anodized Finish, Add	132.88	
			For >10 To 20, Deduct	-40.67	
			For >20 To 40, Deduct	-74.69	
			For >40, Deduct	-156.02	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 56 13 00-0484	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,125.24	234.81
		For Bronze Or Satin Anodized Finish, Add	65.56	
		For Black Anodized Finish, Add	131.12	
		For >10 To 20, Deduct	-37.97	
		For >20 To 40, Deduct	-69.37	
		For >40, Deduct	-145.30	
26 56 13 00-0485	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,211.80	258.30
		For Bronze Or Satin Anodized Finish, Add	69.52	
		For Black Anodized Finish, Add	139.04	
		For >10 To 20, Deduct	-40.72	
		For >20 To 40, Deduct	-74.49	
		For >40, Deduct	-155.94	
26 56 13 00-0486	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,312.67	281.78
		For Bronze Or Satin Anodized Finish, Add	74.91	
		For Black Anodized Finish, Add	149.82	
		For >10 To 20, Deduct	-44.05	
		For >20 To 40, Deduct	-80.62	
		For >40, Deduct	-168.72	
26 56 13 00-0487	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,336.05	223.08
		For Bronze Or Satin Anodized Finish, Add	88.99	
		For Black Anodized Finish, Add	177.98	
		For >10 To 20, Deduct	-46.75	
		For >20 To 40, Deduct	-84.60	
		For >40, Deduct	-178.10	
26 56 13 00-0488	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,628.37	281.78
		For Bronze Or Satin Anodized Finish, Add	106.48	
		For Black Anodized Finish, Add	212.96	
		For >10 To 20, Deduct	-56.68	
		For >20 To 40, Deduct	-102.71	
		For >40, Deduct	-216.08	
26 56 13 00-0489	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,953.71	375.71
		For Bronze Or Satin Anodized Finish, Add	120.23	
		For Black Anodized Finish, Add	240.46	
		For >10 To 20, Deduct	-66.88	
		For >20 To 40, Deduct	-121.73	
		For >40, Deduct	-255.49	
26 56 13 00-0490	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,380.87	281.78
		For Bronze Or Satin Anodized Finish, Add	81.73	
		For Black Anodized Finish, Add	163.46	
		For >10 To 20, Deduct	-46.78	
		For >20 To 40, Deduct	-85.39	
		For >40, Deduct	-178.95	
26 56 13 00-0491	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,761.47	281.78
		For Bronze Or Satin Anodized Finish, Add	119.79	
		For Black Anodized Finish, Add	239.58	
		For >10 To 20, Deduct	-62.01	
		For >20 To 40, Deduct	-112.03	
		For >40, Deduct	-236.04	
26 56 13 00-0492	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,074.71	375.71
		For Bronze Or Satin Anodized Finish, Add	132.33	
		For Black Anodized Finish, Add	264.66	
		For >10 To 20, Deduct	-71.72	
		For >20 To 40, Deduct	-130.20	
		For >40, Deduct	-273.64	
26 56 13 00-0493	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,970.47	281.78
		For Bronze Or Satin Anodized Finish, Add	140.69	
		For Black Anodized Finish, Add	281.38	
		For >10 To 20, Deduct	-70.37	
		For >20 To 40, Deduct	-126.66	
		For >40, Deduct	-267.39	
26 56 13 00-0494	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,347.51	375.71
		For Bronze Or Satin Anodized Finish, Add	159.61	
		For Black Anodized Finish, Add	319.22	
		For >10 To 20, Deduct	-82.63	
		For >20 To 40, Deduct	-149.30	
		For >40, Deduct	-314.56	
26 56 13 00-0495	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,725.24	422.67
		For Bronze Or Satin Anodized Finish, Add	187.99	
		For Black Anodized Finish, Add	375.98	
		For >10 To 20, Deduct	-96.33	
		For >20 To 40, Deduct	-173.86	
		For >40, Deduct	-366.52	

26 56 13 00-0496 Square Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0474)

Note: Includes rubberized undercoating on embedded portion.

26 56 13 00-0497	EA	10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	668.21	117.41
		For Bronze Or Satin Anodized Finish, Add	43.34	
		For Black Anodized Finish, Add	86.68	
		For >10 To 20, Deduct	-23.21	
		For >20 To 40, Deduct	-42.08	
		For >40, Deduct	-88.49	
26 56 13 00-0498	EA	12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	747.80	129.15
		For Bronze Or Satin Anodized Finish, Add	48.95	
		For Black Anodized Finish, Add	97.90	
		For >10 To 20, Deduct	-26.04	
		For >20 To 40, Deduct	-47.18	
		For >40, Deduct	-99.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0499	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	794.38	140.89
			For Bronze Or Satin Anodized Finish, Add	51.26	
			For Black Anodized Finish, Add	102.52	
			For >10 To 20, Deduct	-27.55	
			For >20 To 40, Deduct	-49.97	
			For >40, Deduct	-105.07	
26 56 13 00-0500	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	821.88	140.89
			For Bronze Or Satin Anodized Finish, Add	54.01	
			For Black Anodized Finish, Add	108.02	
			For >10 To 20, Deduct	-28.65	
			For >20 To 40, Deduct	-51.90	
			For >40, Deduct	-109.19	
26 56 13 00-0501	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	855.98	140.89
			For Bronze Or Satin Anodized Finish, Add	57.42	
			For Black Anodized Finish, Add	114.84	
			For >10 To 20, Deduct	-30.01	
			For >20 To 40, Deduct	-54.28	
			For >40, Deduct	-114.31	
26 56 13 00-0502	EA		18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	996.06	152.63
			For Bronze Or Satin Anodized Finish, Add	69.08	
			For Black Anodized Finish, Add	138.16	
			For >10 To 20, Deduct	-35.26	
			For >20 To 40, Deduct	-63.62	
			For >40, Deduct	-134.15	
26 56 13 00-0503	EA		20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,066.84	164.38
			For Bronze Or Satin Anodized Finish, Add	73.81	
			For Black Anodized Finish, Add	147.62	
			For >10 To 20, Deduct	-37.74	
			For >20 To 40, Deduct	-68.10	
			For >40, Deduct	-143.59	
26 56 13 00-0504	EA		20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,239.54	164.38
			For Bronze Or Satin Anodized Finish, Add	91.08	
			For Black Anodized Finish, Add	182.16	
			For >10 To 20, Deduct	-44.65	
			For >20 To 40, Deduct	-80.19	
			For >40, Deduct	-169.49	
26 56 13 00-0505	EA		25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,425.11	187.86
			For Bronze Or Satin Anodized Finish, Add	104.94	
			For Black Anodized Finish, Add	209.88	
			For >10 To 20, Deduct	-51.37	
			For >20 To 40, Deduct	-92.24	
			For >40, Deduct	-194.98	
26 56 13 00-0506	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,811.21	187.86
			For Bronze Or Satin Anodized Finish, Add	143.55	
			For Black Anodized Finish, Add	287.10	
			For >10 To 20, Deduct	-66.81	
			For >20 To 40, Deduct	-119.27	
			For >40, Deduct	-252.90	
26 56 13 00-0507 Factory Accessories For Aluminum Area Light Poles (26 56 13 00-0295)					
26 56 13 00-0508	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	39.00	
26 56 13 00-0509	EA		Extra Handhole For Aluminum Area Light Poles	41.00	
26 56 13 00-0510	EA		Festoon Outlet Provision For Aluminum Area Light Poles	42.00	
			Note: Excludes electrical outlet.		
26 56 13 00-0511	EA		Vibration Dampener For Aluminum Area Light Poles	59.00	
26 56 13 00-0512 Fiberglass Area Light Poles (26 56 13 00-0177)					
			Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0513 Round Tapered, Fiberglass Area Light Poles (26 56 13 00-0512)					
26 56 13 00-0514 Round Tapered, Fiberglass Area Light Poles, Anchor Base (26 56 13 00-0513)					
26 56 13 00-0515	EA		10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	975.54	164.38
			For >10 To 20, Deduct	-34.09	
			For >20 To 40, Deduct	-61.71	
			For >40, Deduct	-129.89	
26 56 13 00-0516	EA		12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,061.01	187.86
			For >10 To 20, Deduct	-36.80	
			For >20 To 40, Deduct	-66.76	
			For >40, Deduct	-140.37	
26 56 13 00-0517	EA		14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,147.57	211.34
			For >10 To 20, Deduct	-39.56	
			For >20 To 40, Deduct	-71.88	
			For >40, Deduct	-151.00	
26 56 13 00-0518	EA		16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,233.04	234.81
			For >10 To 20, Deduct	-42.28	
			For >20 To 40, Deduct	-76.92	
			For >40, Deduct	-161.47	
26 56 13 00-0519	EA		18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,338.30	258.30
			For >10 To 20, Deduct	-45.78	
			For >20 To 40, Deduct	-83.35	
			For >40, Deduct	-174.92	
26 56 13 00-0520	EA		20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,425.97	281.78
			For >10 To 20, Deduct	-48.59	
			For >20 To 40, Deduct	-88.55	
			For >40, Deduct	-185.72	

26 Electrical

26 50 Lighting

26 56 Exterior Lighting



MINOR	DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM				
26 56	13 00-0521	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,559.49	328.74
			For >10 To 20, Deduct	-52.52	
			For >20 To 40, Deduct	-96.01	
			For >40, Deduct	-201.05	
26 56	13 00-0522	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,691.91	375.71
			For >10 To 20, Deduct	-56.41	
			For >20 To 40, Deduct	-103.41	
			For >40, Deduct	-216.22	
26 56	13 00-0523	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,781.01	375.71
			For >10 To 20, Deduct	-59.97	
			For >20 To 40, Deduct	-109.64	
			For >40, Deduct	-229.58	
26 56	13 00-0524	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,906.08	399.19
			For >10 To 20, Deduct	-64.27	
			For >20 To 40, Deduct	-117.46	
			For >40, Deduct	-245.99	
26 56	13 00-0525	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,031.14	422.67
			For >10 To 20, Deduct	-68.57	
			For >20 To 40, Deduct	-125.27	
			For >40, Deduct	-262.40	
26 56	13 00-0526	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,076.74	164.38
			For >10 To 20, Deduct	-38.14	
			For >20 To 40, Deduct	-68.80	
			For >40, Deduct	-145.07	
26 56	13 00-0527	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,142.41	187.86
			For >10 To 20, Deduct	-40.06	
			For >20 To 40, Deduct	-72.45	
			For >40, Deduct	-152.58	
26 56	13 00-0528	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,209.17	211.34
			For >10 To 20, Deduct	-42.03	
			For >20 To 40, Deduct	-76.19	
			For >40, Deduct	-160.24	
26 56	13 00-0529	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,278.14	234.81
			For >10 To 20, Deduct	-44.08	
			For >20 To 40, Deduct	-80.08	
			For >40, Deduct	-168.24	
26 56	13 00-0530	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,352.60	258.30
			For >10 To 20, Deduct	-46.36	
			For >20 To 40, Deduct	-84.35	
			For >40, Deduct	-177.06	
26 56	13 00-0531	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,425.97	281.78
			For >10 To 20, Deduct	-48.59	
			For >20 To 40, Deduct	-88.55	
			For >40, Deduct	-185.72	
26 56	13 00-0532	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,546.29	328.74
			For >10 To 20, Deduct	-51.99	
			For >20 To 40, Deduct	-95.09	
			For >40, Deduct	-199.07	
26 56	13 00-0533	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,691.91	375.71
			For >10 To 20, Deduct	-56.41	
			For >20 To 40, Deduct	-103.41	
			For >40, Deduct	-216.22	
26 56	13 00-0534	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,729.31	375.71
			For >10 To 20, Deduct	-57.90	
			For >20 To 40, Deduct	-106.02	
			For >40, Deduct	-221.83	
26 56	13 00-0535	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,814.78	399.19
			For >10 To 20, Deduct	-60.62	
			For >20 To 40, Deduct	-111.07	
			For >40, Deduct	-232.30	
26 56	13 00-0536	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,900.24	422.67
			For >10 To 20, Deduct	-63.33	
			For >20 To 40, Deduct	-116.11	
			For >40, Deduct	-242.77	
26 56	13 00-0537	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,225.24	164.38
			For >10 To 20, Deduct	-44.08	
			For >20 To 40, Deduct	-79.19	
			For >40, Deduct	-167.35	
26 56	13 00-0538	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,306.31	187.86
			For >10 To 20, Deduct	-46.62	
			For >20 To 40, Deduct	-83.93	
			For >40, Deduct	-177.16	
26 56	13 00-0539	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,387.37	211.34
			For >10 To 20, Deduct	-49.15	
			For >20 To 40, Deduct	-88.66	
			For >40, Deduct	-186.97	
26 56	13 00-0540	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,469.54	234.81
			For >10 To 20, Deduct	-51.74	
			For >20 To 40, Deduct	-93.48	
			For >40, Deduct	-196.95	
26 56	13 00-0541	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,556.10	258.30
			For >10 To 20, Deduct	-54.50	
			For >20 To 40, Deduct	-98.60	
			For >40, Deduct	-207.59	
26 56	13 00-0542	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,649.27	281.78
			For >10 To 20, Deduct	-57.52	
			For >20 To 40, Deduct	-104.18	
			For >40, Deduct	-219.21	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0543	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,799.29 -62.11 -112.80 -237.02	328.74
26 56 13 00-0544	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,950.41 -66.75 -121.50 -254.99	375.71
26 56 13 00-0545	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,007.61 -69.03 -125.50 -263.57	375.71
26 56 13 00-0546	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,144.78 -73.82 -134.17 -281.80	399.19
26 56 13 00-0547	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,256.64 -77.59 -141.06 -296.23	422.67
26 56 13 00-0548	EA	32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,345.02 -80.77 -146.78 -308.31	434.42
26 56 13 00-0549	EA	34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,433.41 -83.95 -152.49 -320.40	446.15
26 56 13 00-0550		Round Tapered, Fiberglass Area Light Poles, Direct Burial <small>(26 56 13 00-0513)</small>		
26 56 13 00-0551	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	604.41 -20.65 -37.61 -78.92	117.41
26 56 13 00-0552	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	648.80 -22.08 -40.25 -84.41	129.15
26 56 13 00-0553	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	692.08 -23.46 -42.81 -89.72	140.89
26 56 13 00-0554	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	710.78 -24.20 -44.12 -92.53	140.89
26 56 13 00-0555	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	765.06 -26.02 -47.45 -99.50	152.63
26 56 13 00-0556	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	810.54 -27.49 -50.16 -105.14	164.38
26 56 13 00-0557	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	859.32 -29.09 -53.11 -111.29	176.11
26 56 13 00-0558	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	913.61 -30.91 -56.44 -118.26	187.86
26 56 13 00-0559	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,019.21 -35.13 -63.83 -134.10	187.86
26 56 13 00-0560	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,148.29 -39.94 -72.40 -152.28	199.59
26 56 13 00-0561	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,277.37 -44.75 -80.96 -170.47	211.34
26 56 13 00-0562	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	705.61 -24.70 -44.70 -94.10	117.41
26 56 13 00-0563	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	755.50 -26.35 -47.72 -100.41	129.15
26 56 13 00-0564	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	805.38 -27.99 -50.74 -106.72	140.89

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0565	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	832.88	140.89
		<i>For >10 To 20, Deduct</i>	-29.09	
		<i>For >20 To 40, Deduct</i>	-52.67	
		<i>For >40, Deduct</i>	-110.84	
26 56 13 00-0566	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	882.76	152.63
		<i>For >10 To 20, Deduct</i>	-30.73	
		<i>For >20 To 40, Deduct</i>	-55.69	
		<i>For >40, Deduct</i>	-117.15	
26 56 13 00-0567	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	932.64	164.38
		<i>For >10 To 20, Deduct</i>	-32.37	
		<i>For >20 To 40, Deduct</i>	-58.71	
		<i>For >40, Deduct</i>	-123.46	
26 56 13 00-0568	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	982.52	176.11
		<i>For >10 To 20, Deduct</i>	-34.02	
		<i>For >20 To 40, Deduct</i>	-61.73	
		<i>For >40, Deduct</i>	-129.77	
26 56 13 00-0569	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,057.71	187.86
		<i>For >10 To 20, Deduct</i>	-36.67	
		<i>For >20 To 40, Deduct</i>	-66.53	
		<i>For >40, Deduct</i>	-139.87	
26 56 13 00-0570	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,160.01	187.86
		<i>For >10 To 20, Deduct</i>	-40.76	
		<i>For >20 To 40, Deduct</i>	-73.69	
		<i>For >40, Deduct</i>	-155.22	
26 56 13 00-0571	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,286.89	199.59
		<i>For >10 To 20, Deduct</i>	-45.49	
		<i>For >20 To 40, Deduct</i>	-82.10	
		<i>For >40, Deduct</i>	-173.07	
26 56 13 00-0572	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,412.67	211.34
		<i>For >10 To 20, Deduct</i>	-50.17	
		<i>For >20 To 40, Deduct</i>	-90.43	
		<i>For >40, Deduct</i>	-190.77	
26 56 13 00-0573	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	794.71	117.41
		<i>For >10 To 20, Deduct</i>	-28.27	
		<i>For >20 To 40, Deduct</i>	-50.93	
		<i>For >40, Deduct</i>	-107.47	
26 56 13 00-0574	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	838.00	129.15
		<i>For >10 To 20, Deduct</i>	-29.65	
		<i>For >20 To 40, Deduct</i>	-53.49	
		<i>For >40, Deduct</i>	-112.79	
26 56 13 00-0575	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	880.18	140.89
		<i>For >10 To 20, Deduct</i>	-30.98	
		<i>For >20 To 40, Deduct</i>	-55.98	
		<i>For >40, Deduct</i>	-117.94	
26 56 13 00-0576	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	898.88	140.89
		<i>For >10 To 20, Deduct</i>	-31.73	
		<i>For >20 To 40, Deduct</i>	-57.29	
		<i>For >40, Deduct</i>	-120.74	
26 56 13 00-0577	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	941.06	152.63
		<i>For >10 To 20, Deduct</i>	-33.06	
		<i>For >20 To 40, Deduct</i>	-59.77	
		<i>For >40, Deduct</i>	-125.90	
26 56 13 00-0578	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	984.34	164.38
		<i>For >10 To 20, Deduct</i>	-34.44	
		<i>For >20 To 40, Deduct</i>	-62.33	
		<i>For >40, Deduct</i>	-131.21	
26 56 13 00-0579	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,065.02	176.11
		<i>For >10 To 20, Deduct</i>	-37.32	
		<i>For >20 To 40, Deduct</i>	-67.51	
		<i>For >40, Deduct</i>	-142.14	
26 56 13 00-0580	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,158.91	187.86
		<i>For >10 To 20, Deduct</i>	-40.72	
		<i>For >20 To 40, Deduct</i>	-73.61	
		<i>For >40, Deduct</i>	-155.05	
26 56 13 00-0581	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,222.71	187.86
		<i>For >10 To 20, Deduct</i>	-43.27	
		<i>For >20 To 40, Deduct</i>	-78.08	
		<i>For >40, Deduct</i>	-164.62	
26 56 13 00-0582	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,311.09	199.59
		<i>For >10 To 20, Deduct</i>	-46.46	
		<i>For >20 To 40, Deduct</i>	-83.79	
		<i>For >40, Deduct</i>	-176.70	
26 56 13 00-0583	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial	1,399.47	211.34
		<i>For >10 To 20, Deduct</i>	-49.64	
		<i>For >20 To 40, Deduct</i>	-89.51	
		<i>For >40, Deduct</i>	-188.79	

26 56 13 00-0584 Factory Accessories For Fiberglass Area Light Poles (26 56 13 00-0512)

26 56 13 00-0585	EA	Open Or Capped Top For Fiberglass Area Light Poles	39.00	
26 56 13 00-0586	EA	Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	39.00	
26 56 13 00-0587	EA	Smooth Shaft Finish For Fiberglass Area Light Poles	74.00	
26 56 13 00-0588	EA	Festoon Outlet Provision For Fiberglass Area Light Poles	78.00	
		Note: Excludes electrical outlet.		
26 56 13 00-0589	EA	Vibration Dampener For Fiberglass Area Light Poles	98.00	

26 56 13 00-0590 Concrete Area Light Poles (26 56 13 00-0177)

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

26 56 13 00-0591			Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base (26 56 13 00-0590)		
26 56 13 00-0592	EA		28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,783.46	399.19
26 56 13 00-0593	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,879.68	422.67
26 56 13 00-0594	EA		33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,951.27	434.42
26 56 13 00-0595	EA		36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,460.19	446.15
26 56 13 00-0596	EA		38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,742.33	469.64
26 56 13 00-0597	EA		43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,383.67	610.53
26 56 13 00-0598	EA		47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,046.40	751.41
26 56 13 00-0599	EA		27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,041.61	399.19
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0600	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,678.26	422.67
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0601	EA		Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	411.44	140.89
26 56 13 00-0602	EA		13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,425.76	281.69
26 56 13 00-0603	EA		Pole Base Cover For All Octagon Poles	160.16	57.48
26 56 13 00-0604	EA		Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze.....	327.36	114.97
26 56 13 00-0605			Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0590)		
			Note: Round or square.		
26 56 13 00-0606	EA		13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,002.95	187.86
26 56 13 00-0607	EA		16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,255.14	234.81
26 56 13 00-0608	EA		18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,482.05	281.78
26 56 13 00-0609	EA		30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,447.54	422.67
26 56 13 00-0610	EA		35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,990.46	446.15
26 56 13 00-0611	EA		40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	4,578.19	469.64
26 56 13 00-0612	EA		45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	5,283.30	610.53
26 56 13 00-0613			Round Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0590)		
26 56 13 00-0614	EA		60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22).....	9,787.94	1,056.68
26 56 13 00-0615	EA		70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24).....	11,678.27	1,313.84
26 56 13 00-0616	EA		80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26).....	13,894.13	1,774.85
26 56 13 00-0617			Treated Wood Area Light Poles (26 56 13 00-0177)		
			See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0618			Cast Iron Decorative Light Posts (26 56 13 00-0177)		
26 56 13 00-0619			Round Tapered, Cast Iron Decorative Light Post, Anchor Base (26 56 13 00-0618)		
			Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0620	EA		10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	771.83	117.41
26 56 13 00-0621	EA		12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	821.79	135.26
26 56 13 00-0622	EA		14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	887.20	140.89
26 56 13 00-0623	EA		16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,084.08	164.38
26 56 13 00-0624	EA		18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,256.93	178.47
26 56 13 00-0625	EA		20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,437.66	192.55
26 56 13 00-0626			Landscape Light Poles (26 56 13 00-0001)		
26 56 13 00-0627			Aluminum Landscape Light Poles (26 56 13 00-0626)		
			Note: Includes painted finish.		
26 56 13 00-0628			Round Straight, Aluminum Landscape Light Poles (26 56 13 00-0627)		
26 56 13 00-0629			Round Straight, Aluminum Landscape Light Poles, Anchor Base (26 56 13 00-0628)		
26 56 13 00-0630	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	379.67	140.89
26 56 13 00-0631	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	685.51	187.86
26 56 13 00-0632			Round Straight, Aluminum Landscape Light Poles, Direct Burial (26 56 13 00-0628)		
26 56 13 00-0633	EA		7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	333.60	140.89
26 56 13 00-0634	EA		12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	639.45	187.86
26 56 13 00-0635			Steel Landscape Light Poles (26 56 13 00-0626)		
			Note: Includes painted finish.		
26 56 13 00-0636			Round Straight, Steel Landscape Light Poles (26 56 13 00-0635)		
26 56 13 00-0637			Round Straight, Steel Landscape Light Poles, Anchor Base (26 56 13 00-0636)		
26 56 13 00-0638	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base.....	348.36	140.89
26 56 13 00-0639			Round Straight, Steel Landscape Light Poles, Direct Burial (26 56 13 00-0636)		
26 56 13 00-0640	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial.....	333.45	140.89
26 56 13 00-0641			Light Pole Brackets And Arms (26 56 13 00-0001)		
26 56 13 00-0642			Light Pole Brackets (26 56 13 00-0641)		
26 56 13 00-0643			Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0642)		
26 56 13 00-0644			Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0643)		

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 13 00-0645	Steel, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0644)		
	Note: Includes powdercoat finish.		
26 56 13 00-0646	EA Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	323.37	28.18
	For Galvanized Finish, Add	26.70	
26 56 13 00-0647	EA Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	403.93	28.18
	For Galvanized Finish, Add	34.76	
26 56 13 00-0648	EA Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	428.53	28.18
	For Galvanized Finish, Add	37.22	
26 56 13 00-0649	EA Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	580.32	28.18
	For Galvanized Finish, Add	52.40	
26 56 13 00-0650	EA Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	603.96	28.18
	For Galvanized Finish, Add	54.76	
26 56 13 00-0651	Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0644)		
	Note: Includes satin brushed or painted finish.		
26 56 13 00-0652	EA Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	235.66	28.18
	For Bronze Or Satin Anodized Finish, Add	17.93	
	For Black Anodized Finish, Add	35.86	
26 56 13 00-0653	EA Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	292.86	28.18
	For Bronze Or Satin Anodized Finish, Add	23.65	
	For Black Anodized Finish, Add	47.30	
26 56 13 00-0654	EA Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	308.26	28.18
	For Bronze Or Satin Anodized Finish, Add	25.19	
	For Black Anodized Finish, Add	50.38	
26 56 13 00-0655	EA Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	362.16	28.18
	For Bronze Or Satin Anodized Finish, Add	30.58	
	For Black Anodized Finish, Add	61.16	
26 56 13 00-0656	EA Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	373.16	28.18
	For Bronze Or Satin Anodized Finish, Add	31.68	
	For Black Anodized Finish, Add	63.36	
26 56 13 00-0657	Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0643)		
26 56 13 00-0658	Steel, Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0657)		
	Note: Includes powdercoat finish.		
26 56 13 00-0659	EA Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	346.38	28.18
	For Galvanized Finish, Add	29.00	
26 56 13 00-0660	EA Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	423.54	28.18
	For Galvanized Finish, Add	36.72	
26 56 13 00-0661	EA Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	514.17	28.18
	For Galvanized Finish, Add	45.78	
26 56 13 00-0662	EA Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	605.23	28.18
	For Galvanized Finish, Add	54.89	
26 56 13 00-0663	Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0642)		
26 56 13 00-0664	Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0663)		
	Note: Includes powdercoat finish.		
26 56 13 00-0665	EA One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	340.91	46.96
26 56 13 00-0666	EA Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	498.85	46.96
26 56 13 00-0667	EA Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	685.73	46.96
26 56 13 00-0668	EA Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	747.21	46.96
26 56 13 00-0669	Light Pole Arms (26 56 13 00-0641)		
26 56 13 00-0670	Wood Pole Streetlight Arms (26 56 13 00-0669)		
26 56 13 00-0671	Steel, Wood Pole Streetlight Arms (26 56 13 00-0670)		
26 56 13 00-0672	EA 1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	207.71	42.27
26 56 13 00-0673	EA 1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	221.24	46.96
26 56 13 00-0674	EA 1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	259.24	58.70
26 56 13 00-0675	EA 2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	296.92	46.96
26 56 13 00-0676	EA 2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	334.71	58.70
26 56 13 00-0677	EA 2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	405.78	70.45
26 56 13 00-0678	Aluminum, Wood Pole Streetlight Arms (26 56 13 00-0670)		
26 56 13 00-0679	EA 1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	217.10	46.96
26 56 13 00-0680	EA 2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	280.28	46.96
26 56 13 00-0681	EA 2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	378.81	58.70
26 56 13 00-0682	EA 2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	503.52	70.45
26 56 13 00-0683	Area Light Arms (26 56 13 00-0669)		
26 56 13 00-0684	Steel Area Light Arms (26 56 13 00-0683)		
26 56 13 00-0685	EA Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	375.53	46.96
26 56 13 00-0686	EA Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	575.22	51.66
26 56 13 00-0687	EA Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	638.52	56.36
26 56 13 00-0688	EA Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	754.61	61.05
26 56 13 00-0689	EA Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	449.61	58.70
26 56 13 00-0690	EA Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	629.50	63.40

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

26 56 13 00-0691			Aluminum Area Light Arms <small>(26 56 13 00-0683)</small>		
26 56 13 00-0692	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	273.23	46.96
26 56 13 00-0693	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	336.31	58.70
26 56 13 00-0694	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	401.59	70.45
26 56 13 00-0695	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	271.03	46.96
26 56 13 00-0696	EA		Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	399.22	51.66
26 56 13 00-0697	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	331.91	58.70
26 56 13 00-0698	EA		Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	486.50	63.40
26 56 13 00-0699	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	403.79	70.45
26 56 13 00-0700	EA		Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	592.49	75.14

26 56 13 00-0701			Removal And Reinstallation Of Lighting Pole <small>(26 56 13 00-0001)</small>		
26 56 13 00-0702	EA		Remove And Relocate Lighting Pole And Standards With One Or Two Arms, Up To 45'.....	1,549.80	

26 56 13 00-0703			High Mast Lighting <small>(26 56 13 00-0001)</small>		
26 56 13 00-0704			High Mast Lighting Assemblies <small>(26 56 13 00-0703)</small>		
Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 19 00-0021 for high mast fixtures.					
26 56 13 00-0705	EA		60'-100' High Mast Lighting Assembly.....	23,514.61	2,466.35
26 56 13 00-0706	EA		110' High Mast Lighting Assembly.....	25,260.08	2,708.37
26 56 13 00-0707	EA		120' High Mast Lighting Assembly.....	26,585.16	2,961.93
26 56 13 00-0708	EA		130' High Mast Lighting Assembly.....	27,808.51	3,203.94
26 56 13 00-0709	EA		140' High Mast Lighting Assembly.....	29,133.61	3,457.49
26 56 13 00-0710	EA		150' High Mast Lighting Assembly.....	30,682.12	3,705.32

26 56 13 00-0711			High Mast Light Poles <small>(26 56 13 00-0703)</small>		
26 56 13 00-0712	EA		60'-100' High Mast Light Poles.....	14,205.66	1,973.08
26 56 13 00-0713	EA		110' High Mast Light Poles.....	15,555.02	2,166.70
26 56 13 00-0714	EA		120' High Mast Light Poles.....	16,599.23	2,369.54
26 56 13 00-0715	EA		130' High Mast Light Poles.....	17,541.72	2,563.16
26 56 13 00-0716	EA		140' High Mast Light Poles.....	18,585.96	2,766.00
26 56 13 00-0717	EA		150' High Mast Light Poles.....	19,731.90	2,964.22

26 56 13 00-0718			High Mast Lighting Accessories <small>(26 56 13 00-0703)</small>		
See CSI section 26 56 19 00-0021 for light fixtures, 26 56 26 00-0119 for lighting fixtures.					
26 56 13 00-0719	EA		Bottom Latching System For High Mast Lighting.....	338.19	
26 56 13 00-0720	EA		Top Latching System For High Mast Lighting.....	893.46	
26 56 13 00-0721	EA		Centering Springs For High Mast Lighting.....	675.72	
26 56 13 00-0722	EA		Electric Power Cord For High Mast Lighting.....	300.56	
26 56 13 00-0723	EA		Aircraft Warning Lights For High Mast Lighting.....	707.24	
26 56 13 00-0724	EA		Internal Motorized Hoist For High Mast Lighting.....	5,194.73	
26 56 13 00-0725	EA		Portable Hoist Motor With Step Down Transformer For High Mast Lighting.....	5,270.41	

26 56 13 00-0726			Concrete Bases <small>(26 56 13 00-0001)</small>		
26 56 13 00-0727			Concrete Bases, Cast In Place <small>(26 56 13 00-0726)</small>		
Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.					
26 56 13 00-0728	VLF		2' Diameter Concrete Base For Poles.....	72.92	
26 56 13 00-0729	VLF		2-1/2' Diameter Concrete Base For Poles.....	92.86	
26 56 13 00-0730	VLF		3' Diameter Concrete Base For Poles.....	113.60	
26 56 13 00-0731	VLF		3-1/2' Diameter Concrete Base For Poles.....	141.11	
26 56 13 00-0732	VLF		4' Diameter Concrete Base For Poles.....	169.59	
26 56 13 00-0733	VLF		5' Diameter Concrete Base For Poles.....	235.08	
26 56 13 00-0734	VLF		6' Diameter Concrete Base For Poles.....	313.42	

26 56 19			Roadway Lighting <small>(26 56)</small>		
26 56 19 00-0001			Metal Halide, Pole Mounted <small>(26 56 19)</small>		
26 56 19 00-0002	EA		175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture.....	592.19	190.93
26 56 19 00-0003	EA		250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture.....	671.86	207.25
26 56 19 00-0004	EA		400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture.....	790.97	222.95
26 56 19 00-0005	EA		1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture.....	987.33	261.29

26 56 19 00-0006			High Pressure Sodium, Pole Mounted <small>(26 56 19)</small>		
26 56 19 00-0007	EA		100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	486.60	222.95
26 56 19 00-0008	EA		150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	500.71	222.95
26 56 19 00-0009	EA		175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	523.07	222.95
26 56 19 00-0010	EA		250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	576.89	222.95
26 56 19 00-0011	EA		400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	669.90	222.95
26 56 19 00-0012	EA		1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture.....	927.57	222.95

26 56 19 00-0013			Low Pressure Sodium, Pole Mounted <small>(26 56 19)</small>		
26 56 19 00-0014	EA		135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed.....	571.53	121.28
26 56 19 00-0015	EA		135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed.....	575.14	178.36

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 19 00-0016	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	686.80		178.36
26 56 19 00-0017		Street Light Accessories <small>(26 56 19)</small>			
26 56 19 00-0018		Photo Controls <small>(26 56 19 00-0017)</small>			
26 56 19 00-0019	EA	Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014.....	65.46		
26 56 19 00-0020	EA	Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016.....	73.77		
26 56 19 00-0021		High Mast Fixtures <small>(26 56 19)</small>			
26 56 19 00-0022		Metal Halide <small>(26 56 19 00-0021)</small>			
26 56 19 00-0023	EA	400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,024.09		117.09
26 56 19 00-0024	EA	400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,091.73		117.09
26 56 19 00-0025	EA	750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,093.92		133.77
26 56 19 00-0026	EA	750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,134.51		133.77
26 56 19 00-0027	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,158.81		167.21
26 56 19 00-0028	EA	1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	1,199.39		167.21
26 56 19 00-0029		High Pressure Sodium <small>(26 56 19 00-0021)</small>			
26 56 19 00-0030	EA	400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	1,063.35		117.09
26 56 19 00-0031	EA	400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux.....	1,103.94		117.09
26 56 19 00-0032	EA	600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,281.54		123.78
26 56 19 00-0033	EA	750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,315.21		133.77
26 56 19 00-0034	EA	1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	1,400.39		167.21
26 56 19 00-0035		LED Roadway Lighting <small>(26 56 19)</small>			
26 56 19 00-0036		LED Roadway Lighting (Philips Lumec) <small>(26 56 19 00-0035)</small>			
26 56 19 00-0037		Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) <small>(26 56 19 00-0036)</small>			
Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.					
26 56 19 00-0038	EA	49 LEDs, 102 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series)	866.60		113.67
26 56 19 00-0039	EA	98 LEDs, 204 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series)	1,324.20		116.74
26 56 19 00-0040		LED Roadway Lighting (Lithonia) <small>(26 56 19 00-0035)</small>			
26 56 19 00-0041		Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) <small>(26 56 19 00-0040)</small>			
Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.					
26 56 19 00-0042	EA	30 LEDs, 74 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	1,231.95		107.52
26 56 19 00-0043	EA	60 LEDs, 146 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series)	2,005.22		110.59
26 56 19 00-0044		LED Roadway Lighting (CREE® BetaLED®) <small>(26 56 19 00-0035)</small>			
26 56 19 00-0045		Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) <small>(26 56 19 00-0044)</small>			
Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 56 19 00-0046	EA	20 LEDs, 25 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	554.94		104.45
26 56 19 00-0047	EA	30 LEDs, 35 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	620.73		107.52
26 56 19 00-0048	EA	40 LEDs, 45 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	698.48		110.59
26 56 19 00-0049	EA	50 LEDs, 55 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	764.27		113.67
26 56 19 00-0050	EA	60 LEDs, 65 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	830.07		116.74
26 56 19 00-0051	EA	70 LEDs, 75 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	985.36		119.81
26 56 19 00-0052	EA	80 LEDs, 86 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,051.16		122.88
26 56 19 00-0053	EA	90 LEDs, 96 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,116.96		125.95
26 56 19 00-0054	EA	100 LEDs, 111 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,242.43		129.03
26 56 19 00-0055	EA	110 LEDs, 122 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,308.24		132.10
26 56 19 00-0056	EA	120 LEDs, 133 System Watts, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY)	1,374.04		135.17

		Electrical	26
		Lighting	26 50
		Exterior Lighting	26 56
MINOR	CSI	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST

26 56 19 00-0057	Horizontal Tenon Mount, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLM™) (26 56 19 00-0044)			
	Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 19 00-0058	EA	20 LEDs, 38 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	632.27	104.45
26 56 19 00-0059	EA	30 LEDs, 55 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	716.03	107.52
26 56 19 00-0060	EA	40 LEDs, 70 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	817.43	110.59
26 56 19 00-0061	EA	50 LEDs, 88 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	902.36	113.67
26 56 19 00-0062	EA	60 LEDs, 106 System Watts, Horizontal Tenon Mount, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLM™)	986.12	116.74
26 56 19 00-0063	Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixtures (CREE® BetaLED® LEDway® STR-SLMIP66™) (26 56 19 00-0044)			
	Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 525mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 19 00-0064	EA	20 LEDs, 38 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	672.25	104.45
26 56 19 00-0065	EA	30 LEDs, 55 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	756.01	107.52
26 56 19 00-0066	EA	40 LEDs, 70 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	856.24	110.59
26 56 19 00-0067	EA	50 LEDs, 88 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	941.17	113.67
26 56 19 00-0068	EA	60 LEDs, 106 System Watts, Vertical/Horizontal Tenon Mount, IP66 Rated, Low Profile, LED Roadway Fixture (CREE® BetaLED® LEDway® STR-SLMIP66™)	1,026.10	116.74
26 56 19 00-0069	Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) (26 56 19 00-0044)			
	Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 19 00-0070	EA	40 LEDs, 47 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,334.87	110.59
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0071	EA	60 LEDs, 68 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,543.54	116.74
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0072	EA	80 LEDs, 90 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,751.04	122.88
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0073	EA	100 LEDs, 111 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	1,959.72	129.03
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0074	EA	120 LEDs, 132 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,583.53	135.17
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0075	EA	140 LEDs, 157 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,792.21	141.32
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0076	EA	160 LEDs, 179 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	2,999.72	147.46
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0077	EA	200 LEDs, 234 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	3,729.90	159.75
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0078	EA	240 LEDs, 269 System Watts, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG)	4,134.97	165.89
		<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 19 00-0079	Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) (26 56 19 00-0044)			
	Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 19 00-0080	EA	4,806 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	479.96	110.59
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
		<i>For Backlight Control Shield, Add</i>	22.77	
		<i>For Field Adjustable Output, Add</i>	18.58	
		<i>For Bird Spikes, Add</i>	34.46	
		<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
		<i>For Fuse, Add</i>	37.15	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
		<i>For 480 Volt, Add</i>	55.73	
		<i>For Multi-Level, Add</i>	80.49	
26 56 19 00-0081	EA	5,340 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A)	479.96	110.59
		<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
		<i>For Backlight Control Shield, Add</i>	22.77	
		<i>For Field Adjustable Output, Add</i>	18.58	
		<i>For Bird Spikes, Add</i>	34.46	
		<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
		<i>For Fuse, Add</i>	37.15	
		<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
		<i>For 480 Volt, Add</i>	55.73	
		<i>For Multi-Level, Add</i>	80.49	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0082	EA		8,407 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	526.77	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Backlight Control Shield, Add</i>	22.77	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Bird Spikes, Add</i>	34.46	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For 480 Volt, Add</i>	55.73	
26 56 19 00-0083	EA		8,820 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	526.77	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Backlight Control Shield, Add</i>	22.77	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Bird Spikes, Add</i>	34.46	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For 480 Volt, Add</i>	55.73	
26 56 19 00-0084	EA		9,612 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	609.98	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56 19 00-0085	EA		10,680 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	609.98	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56 19 00-0086	EA		11,700 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-D).....	740.03	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56 19 00-0087	EA		12,187 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-D).....	740.03	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Fuse, Add</i>	37.15	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
			<i>For Multi-Level, Add</i>	80.49	
26 56 19 00-0088	EA		13,732 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	688.01	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
26 56 19 00-0089	EA		14,408 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	688.01	110.59
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Field Adjustable Output, Add</i>	18.58	
			<i>For Backlight Control Shield, Add</i>	31.86	
			<i>For Field Adjustable Output And Utility Label, Add</i>	24.77	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	37.15	
			<i>For Bird Spikes, Add</i>	55.28	
			<i>For 480 Volt, Add</i>	55.73	
26 56 19 00-0090	EA		2,529 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	396.74	110.59
			<i>For Utility Label, Add</i>	6.19	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	18.58	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
26 56 19 00-0091	EA		2,722 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	396.74	110.59
			<i>For Utility Label, Add</i>	6.19	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	18.58	
			<i>For 0 To 10 Volt Dimming, Add</i>	37.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0092	EA		3,819 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C).....	416.25	110.59
			For Utility Label, Add	6.19	
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	18.58	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0093	EA		4,109 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C).....	416.25	110.59
			For Utility Label, Add	6.19	
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	18.58	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0094	EA		4,548 Lumens, 4,000K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	422.75	110.59
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Field Adjustable Output, Add	18.58	
			For Field Adjustable Output And Utility Label, Add	24.77	
			For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0095	EA		4,627 Lumens, 5,700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	422.75	110.59
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Field Adjustable Output, Add	18.58	
			For Field Adjustable Output And Utility Label, Add	24.77	
			For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
26 56 19 00-0096			LED Roadway Lighting (Cooper Lighting) (26 56 19 00-0035)		
26 56 19 00-0097			Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) (26 56 19 00-0096)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0098	EA		1 LED Light Square, 51 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	570.89	110.59
26 56 19 00-0099	EA		2 LED Light Squares, 103 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	761.02	122.88
26 56 19 00-0100	EA		3 LED Light Squares, 154 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	820.80	141.32
26 56 19 00-0101	EA		4 LED Light Squares, 206 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,194.53	153.61
26 56 19 00-0102	EA		6 LED Light Squares, 309 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,554.15	174.87
26 56 19 00-0103			LED Roadway Lighting (PlanLED) (26 56 19 00-0035)		
26 56 19 00-0104			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA		8,500 Lumens, 85 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W).....	694.90	107.52
26 56 19 00-0106	EA		11,000 Lumens, 110 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W).....	719.31	108.71
26 56 19 00-0107	EA		15,000 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W).....	755.65	110.59
26 56 19 00-0108			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0109	EA		7,200 Lumens, 60 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060).....	472.35	104.92
26 56 19 00-0110	EA		10,000 Lumens, 80 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080).....	500.28	106.82
26 56 19 00-0111	EA		12,500 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100).....	538.71	108.71
26 56 19 00-0112			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) (26 56 19 00-0103)		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0113	EA		13,000 Lumens, 100 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100).....	584.91	108.71
			For 0 To 10 Volt Dimming, Add	29.40	
			For 347-480 Volt, Add	29.40	
26 56 19 00-0114	EA		16,900 Lumens, 130 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130).....	610.95	109.65
			For 0 To 10 Volt Dimming, Add	29.40	
			For 347-480 Volt, Add	28.35	

26 Electrical
26 50 Lighting
26 56 Exterior Lighting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0115	EA 19,500 Lumens, 150 System Watts, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150).....	635.95	110.59
	For 0 To 10 Volt Dimming, Add	29.40	
	For 347-480 Volt, Add	29.40	
26 56 19 00-0116	LED Roadway Lighting (General Electric) (26 56 19 00-0035)		
26 56 19 00-0117	Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0116)</small> Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0118	EA 2,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 23).....	424.77	104.45
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0119	EA 4,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 B1).....	453.63	107.52
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0120	EA 5,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 C1).....	471.48	108.71
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0121	EA 9,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERX1 0 G1).....	521.69	113.67
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0122	EA 2,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 23).....	445.42	104.45
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0123	EA 4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 B2).....	492.87	107.52
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0124	EA 5,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 C2).....	503.50	108.71
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0125	EA 10,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS1 0 G2).....	544.41	113.67
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0126	EA 11,600 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 E3).....	633.17	116.74
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0127	EA 19,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERS2 0 G3).....	710.52	122.88
	For LightGrid™ Wireless Outdoor Controller, Add	20.00	
26 56 19 00-0128	LED Roadway Lighting (Acuity AEL Autobahn) (26 56 19 00-0035)		
26 56 19 00-0129	Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) <small>(26 56 19 00-0128)</small> Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0130	EA 4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	655.11	107.52
26 56 19 00-0131	EA 6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	802.37	110.59
26 56 19 00-0132	EA 9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	1,099.17	113.67
26 56 19 00-0133	EA 13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	1,398.73	118.15
26 56 19 00-0134	EA 17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	1,690.97	121.46
26 56 19 00-0135	LED Roadway Lighting (Leotek) (26 56 19 00-0035)		
26 56 19 00-0136	Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek) <small>(26 56 19 00-0135)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56 19 00-0137	EA 2,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-4M-MV-NW-X-GY-WL-XXX).....	329.28	104.45
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	28.92	
26 56 19 00-0138	EA 4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC1-6M-MV-NW-X-GY-WL-XXX).....	373.38	107.52
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	28.92	
26 56 19 00-0139	EA 6,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC3-10M-MV-NW-X-GY-WL-XXX).....	426.16	110.59
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	30.98	
26 56 19 00-0140	EA 9,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC4-14M-MV-NW-X-GY-WL-XXX).....	477.85	113.67
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	34.08	
26 56 19 00-0141	EA 11,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-18M-MV-NW-X-GY-WL-XXX).....	575.08	116.74
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	37.18	
26 56 19 00-0142	EA 15,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC7-24M-MV-NW-X-GY-WL-XXX).....	658.21	119.81
	For Utility Wattage Label, Add	1.24	
	For ANSI 5-wire Photocontrol Receptacle, Add	12.39	
	For ANSI 7-wire Photocontrol Receptacle, Add	13.63	
	For House Or Cul-De-Sac Side Shield, Add	37.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0143	EA		19,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek EC9-30M-MV-NW-X-GY-WL-XXX)	728.34	122.88
			<i>For Utility Wattage Label, Add</i>	1.24	
			<i>For ANSI 5-wire Photocontrol Receptacle, Add</i>	12.39	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	13.63	
			<i>For House Or Cul-De-Sac Side Shield, Add</i>	37.18	
26 56 19 00-0144			Induction Roadway Lighting (26 56 19)		
26 56 19 00-0145			Induction Roadway Lighting (Crystal Lighting) (26 56 19 00-0144)		
			Note: Includes gray powder coat finish heavy duty die cast aluminum body and borosilicate drop glass lens.		
26 56 19 00-0146	EA		40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	502.23	141.79
			<i>For Black Powder Coat Finish, Add</i>	20.00	
26 56 19 00-0147	EA		65 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	537.08	146.52
			<i>For Black Powder Coat Finish, Add</i>	20.00	
26 56 19 00-0148	EA		80 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	560.88	151.25
			<i>For Black Powder Coat Finish, Add</i>	20.00	
			<i>For Dimming, Add</i>	80.00	
26 56 19 00-0149	EA		100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH29)	590.22	155.96
			<i>For Black Powder Coat Finish, Add</i>	20.00	
26 56 19 00-0150	EA		120 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	741.02	160.69
			<i>For Black Powder Coat Finish, Add</i>	20.00	
26 56 19 00-0151	EA		150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	757.10	165.42
			<i>For Black Powder Coat Finish, Add</i>	20.00	
			<i>For Dimming, Add</i>	80.00	
26 56 19 00-0152	EA		200 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (Crystal Lighting CLP-CH36)	788.63	170.15
			<i>For Black Powder Coat Finish, Add</i>	20.00	
			<i>For Dimming, Add</i>	80.00	
26 56 19 00-0153			Induction Roadway Lighting (US Lighting Tech) (26 56 19 00-0144)		
			Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 19 00-0154	EA		40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	565.17	141.79
26 56 19 00-0155	EA		70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	629.84	146.52
26 56 19 00-0156	EA		100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	648.75	155.96
26 56 19 00-0157	EA		150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	667.66	165.42
26 56 19 00-0158	EA		200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	804.09	170.15
26 56 19 00-0159	EA		250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511)	817.97	174.87
26 56 19 00-0160	EA		40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	518.79	141.79
26 56 19 00-0161	EA		70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	590.08	146.52
26 56 19 00-0162	EA		100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	608.99	155.96
26 56 19 00-0163	EA		150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512)	627.90	165.42
26 56 23			Area Lighting (26 56)		
26 56 23 00-0001			Exterior Globe (26 56 23)		
26 56 23 00-0002			Incandescent (26 56 23 00-0001)		
26 56 23 00-0003	EA		100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	49.04	15.72
26 56 23 00-0004	EA		150-200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture	81.73	15.72
26 56 23 00-0005	EA		100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	60.37	15.72
26 56 23 00-0006	EA		150-200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture	86.09	15.72
26 56 23 00-0007			Surface Mounted, Rectangular Exterior Area Fixture (26 56 23)		
26 56 23 00-0008			Metal Halide (26 56 23 00-0007)		
26 56 23 00-0009	EA		175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	548.47	178.36
			<i>For Round Body, Add</i>	36.77	
			<i>For Spherical Dome Body, Add</i>	72.09	
26 56 23 00-0010	EA		250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	632.23	200.65
			<i>For Round Body, Add</i>	44.76	
			<i>For Spherical Dome Body, Add</i>	87.76	
26 56 23 00-0011	EA		400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	768.60	222.95
			<i>For Round Body, Add</i>	59.27	
			<i>For Spherical Dome Body, Add</i>	116.21	
26 56 23 00-0012	EA		1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	966.53	261.29
			<i>For Round Body, Add</i>	67.96	
			<i>For Spherical Dome Body, Add</i>	133.26	
26 56 23 00-0013			High Pressure Sodium (26 56 23 00-0007)		
26 56 23 00-0014	EA		70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	541.46	152.49
			<i>For Round Body, Add</i>	40.61	
			<i>For Spherical Dome Body, Add</i>	79.63	
26 56 23 00-0015	EA		100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	591.15	162.31
			<i>For Round Body, Add</i>	45.34	
			<i>For Spherical Dome Body, Add</i>	88.90	
26 56 23 00-0016	EA		150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro)	642.29	171.22
			<i>For Round Body, Add</i>	50.06	
			<i>For Spherical Dome Body, Add</i>	98.15	
26 56 23 00-0017	EA		175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	663.02	178.36
			<i>For Round Body, Add</i>	51.37	
			<i>For Spherical Dome Body, Add</i>	100.73	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 23 00-0018	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	739.24	200.65
		<i>For Round Body, Add</i>	58.40	
		<i>For Spherical Dome Body, Add</i>	114.51	
26 56 23 00-0019	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	802.63	222.95
		<i>For Round Body, Add</i>	63.60	
		<i>For Spherical Dome Body, Add</i>	124.72	
26 56 23 00-0020	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,075.93	261.29
		<i>For Round Body, Add</i>	81.91	
		<i>For Spherical Dome Body, Add</i>	160.61	
26 56 23 00-0021		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures ^(26 56 23 00-0021)		
26 56 23 00-0022		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures ^(26 56 23 00-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0023	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	523.62	120.39
26 56 23 00-0024	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	543.86	133.77
26 56 23 00-0025	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	491.52	152.49
26 56 23 00-0026	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	597.84	162.31
26 56 23 00-0027	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	616.61	171.22
26 56 23 00-0028	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	645.96	178.36
26 56 23 00-0029	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	706.20	200.65
26 56 23 00-0030	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	859.31	222.95
26 56 23 00-0031		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures ^(26 56 23 00-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0032	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	476.92	133.77
26 56 23 00-0033	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	513.57	152.49
26 56 23 00-0034	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	530.30	162.31
26 56 23 00-0035	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	556.31	171.22
26 56 23 00-0036	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	569.06	178.36
26 56 23 00-0037	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	619.32	200.65
26 56 23 00-0038	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	769.47	222.95
26 56 23 00-0039		Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures ^(26 56 23 00-0021)		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 23 00-0040	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	165.25	62.88
26 56 23 00-0041	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	173.14	66.81
26 56 23 00-0042	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	188.68	70.74
26 56 23 00-0043	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	194.86	78.59
26 56 23 00-0044	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	219.39	90.38
26 56 23 00-0045		Wall Packs ^(26 56 23)		
26 56 23 00-0046		Non Cutoff, Polycarbonate Lens, Mini Wall Packs ^(26 56 23 00-0045)		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 23 00-0047	EA	13 Watt Compact Fluorescent, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	220.42	42.98
26 56 23 00-0048	EA	50 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	233.86	42.98
26 56 23 00-0049	EA	35 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	233.86	42.98
26 56 23 00-0050	EA	70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Mini Wall Pack.....	299.01	42.98
26 56 23 00-0051		Semi Cutoff, Polycarbonate Lens, Mini Wall Packs ^(26 56 23 00-0045)		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 23 00-0052	EA	42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	404.17	42.98
26 56 23 00-0053	EA	50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	409.00	42.98
26 56 23 00-0054	EA	70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	413.18	42.98
26 56 23 00-0055	EA	100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack.....	405.56	42.98
26 56 23 00-0056	EA	70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	374.21	42.98
26 56 23 00-0057	EA	100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	356.99	42.98
26 56 23 00-0058		Cutoff, Polycarbonate Lens, Mini Wall Packs ^(26 56 23 00-0045)		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 23 00-0059	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	424.01	42.98
26 56 23 00-0060	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	428.41	42.98
26 56 23 00-0061	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	420.80	42.98
26 56 23 00-0062	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	426.93	42.98
26 56 23 00-0063	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	426.93	42.98
26 56 23 00-0064		Non Cutoff, Borosilicate Glass Lens, Small Wall Packs ^(26 56 23 00-0045)		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 23 00-0065	EA	70 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	416.33	57.25
26 56 23 00-0066	EA	100 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	416.33	57.25
26 56 23 00-0067	EA	175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack	392.73	57.25
26 56 23 00-0068	EA	70 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	401.78	57.25
26 56 23 00-0069	EA	100 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	401.78	57.25
26 56 23 00-0070	EA	150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	375.61	57.25

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

26 56 23 00-0071	Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.</i>		
26 56 23 00-0072	EA 70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	430.31	57.25
26 56 23 00-0073	EA 100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	430.31	57.25
26 56 23 00-0074	EA 175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	430.31	57.25
26 56 23 00-0075	EA 70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	416.43	57.25
26 56 23 00-0076	EA 100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	416.43	57.25
26 56 23 00-0077	EA 150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack.....	416.43	57.25
26 56 23 00-0078	Full Cutoff, Tempered Glass Lens, Small Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.</i>		
26 56 23 00-0079	EA 175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack.....	543.25	57.25
26 56 23 00-0080	Cutoff, Borosilicate Glass Lens, Medium Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Aluminum body and reflector. Lithonia TWR2.</i>		
26 56 23 00-0081	EA 250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	524.23	70.92
	<i>Note: 9-1/4" x 17-7/8" x 9-3/8".</i>		
26 56 23 00-0082	EA 400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	556.22	70.92
	<i>Note: 9-1/4" x 17-7/8" x 12-1/2".</i>		
26 56 23 00-0083	EA 250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	594.36	70.92
	<i>Note: 9-1/4" x 17-7/8" x 9-3/8".</i>		
26 56 23 00-0084	EA 400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack.....	604.86	70.92
	<i>Note: 9-1/4" x 17-7/8" x 12-1/2".</i>		
26 56 23 00-0085	Cutoff, Tempered Glass Lens, Medium Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.</i>		
26 56 23 00-0086	EA 250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack.....	565.38	70.92
26 56 23 00-0087	EA 400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack.....	601.32	70.92
26 56 23 00-0088	Non Cutoff, Polycarbonate Lens, Large Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.</i>		
26 56 23 00-0089	EA 100 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	537.06	85.97
26 56 23 00-0090	EA 175 Watt Metal Halide, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	498.99	85.97
26 56 23 00-0091	EA 70 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	528.25	85.97
26 56 23 00-0092	EA 100 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	531.16	85.97
26 56 23 00-0093	EA 150 Watt High Pressure Sodium, Non Cutoff, Polycarbonate Lens, Large Wall Pack.....	534.21	85.97
26 56 23 00-0094	Non Cutoff, Borosilicate Glass Lens, Large Wall Packs <small>(26 56 23 00-0045)</small>		
	<i>Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.</i>		
26 56 23 00-0095	EA 175 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	537.07	85.97
26 56 23 00-0096	EA 250 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	549.77	85.97
26 56 23 00-0097	EA 400 Watt Metal Halide, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	587.84	85.97
26 56 23 00-0098	EA 150 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	562.46	85.97
26 56 23 00-0099	EA 250 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	575.16	85.97
26 56 23 00-0100	EA 400 Watt High Pressure Sodium, Non Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	600.52	85.97
26 56 23 00-0101	Full Cutoff, LED Wall Packs <small>(26 56 23 00-0101)</small>		
26 56 23 00-0102	Full Cutoff, LED Wall Packs (Lithonia) <small>(26 56 23 00-0101)</small>		
26 56 23 00-0103	EA 30 LEDs, 57 System Watts, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	979.28	82.71
26 56 23 00-0104	EA 30 LEDs, 35 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,067.62	82.71
26 56 23 00-0105	Full Cutoff, LED Wall Packs (CREE® BetaLED®) <small>(26 56 23 00-0101)</small>		
26 56 23 00-0106	Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) <small>(26 56 23 00-0105)</small>		
	<i>Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.</i>		
26 56 23 00-0107	EA 20 LEDs, 26 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	609.29	80.35
	<i>Note: Includes 350mA or 525mA driver.</i>		
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Bird Spikes, Add</i>	31.43	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For 480 Volt, Add</i>	55.73	
	<i>For Multi-Level, Add</i>	80.49	
26 56 23 00-0108	EA 40 LEDs, 47 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	781.29	85.07
	<i>Note: Includes 350mA or 525mA driver.</i>		
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Bird Spikes, Add</i>	31.91	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For 480 Volt, Add</i>	55.73	
	<i>For Multi-Level, Add</i>	80.49	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0109	EA		60 LEDs, 68 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	953.28	89.80
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Bird Spikes, Add	32.38	
			For Fuse, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
			For 480 Volt, Add	55.73	
			For Multi-Level, Add	80.49	
26 56 23 00-0110	EA		80 LEDs, 90 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,125.28	94.53
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Bird Spikes, Add	32.85	
			For Fuse, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
			For 480 Volt, Add	55.73	
			For Multi-Level, Add	80.49	
26 56 23 00-0111	EA		100 LEDs, 111 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,297.27	99.26
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Bird Spikes, Add	33.33	
			For Fuse, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
			For 480 Volt, Add	55.73	
			For Multi-Level, Add	80.49	
26 56 23 00-0112	EA		120 LEDs, 132 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG).....	1,469.25	103.98
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For Bird Spikes, Add	33.80	
			For Fuse, Add	37.15	
			For 0 To 10 Volt Dimming, Add	37.15	
			For 480 Volt, Add	55.73	
			For Multi-Level, Add	80.49	
26 56 23 00-0113			Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) (26 56 23 00-0105)		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0114	EA		25 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™).....	367.93	80.35
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For 0 To 10 Volt Dimming, Add	37.15	
			For Multi-Level, Add	37.15	
26 56 23 00-0115	EA		42 System Watts, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™).....	425.74	85.07
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	12.38	
			For 0 To 10 Volt Dimming, Add	37.15	
			For Multi-Level, Add	37.15	
26 56 23 00-0116			Semi Cutoff, Induction Wall Packs (26 56 23 00-0045)		
26 56 23 00-0117			Semi Cutoff, Induction Wall Packs (Everlast®) (26 56 23 00-0116)		
			Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0118	EA		70 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	647.33	80.35
26 56 23 00-0119	EA		80 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	662.21	85.07
26 56 23 00-0120	EA		100 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	677.09	89.80
26 56 23 00-0121	EA		120 Watts, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	751.61	94.53
26 56 23 00-0122			Wall Pack Accessories (26 56 23 00-0045)		
26 56 23 00-0123	EA		Photocell For Wall Pack.....	81.90	21.50
26 56 23 00-0124	EA		Wire Guard For Mini And Small Wall Pack.....	90.03	21.50
26 56 23 00-0125	EA		Wire Guard For Medium And Large Wall Pack.....	124.05	21.50
26 56 23 00-0126	EA		Clear Polycarbonate Vandal Guard For Wall Packs.....	173.15	21.50
26 56 23 00-0127	EA		Full Cutoff Visor For Wall Pack.....	87.81	21.50
26 56 23 00-0128			LED Area Fixtures (26 56 23)		
26 56 23 00-0129			Pole Mount, LED Area Fixtures (26 56 23 00-0128)		
26 56 23 00-0130			Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) (26 56 23 00-0129)		
			Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0131	EA		20 LEDs, 45 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	1,886.14	80.35
26 56 23 00-0132	EA		40 LEDs, 91 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,033.63	85.07
26 56 23 00-0133	EA		80 LEDs, 188 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,190.58	94.53
26 56 23 00-0134	EA		100 LEDs, 218 System Watts, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,200.03	99.26
26 56 23 00-0135			Pole Mount, Rectangular, LED Architectural Area Fixtures (CREE® Aeroblades™ BXABP) (26 56 23 00-0129)		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0136	EA		20 LEDs, 39 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP).....	1,353.15	80.35
			For 0 To 10 Volt Dimming, Add	47.04	
			For 347-480 Volt, Add	53.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 23 00-0137	EA		40 LEDs, 70 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP)	1,833.01	85.07
			<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0138	EA		60 LEDs, 103 System Watts, Pole Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABP)	2,312.86	89.80
			<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0139			Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) <small>(26 56 23 00-0129)</small>		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 23 00-0140	EA		40 LEDs, 47 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	790.61	85.07
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	952.83	
26 56 23 00-0141	EA		60 LEDs, 68 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	949.20	89.80
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	955.66	
26 56 23 00-0142	EA		80 LEDs, 90 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	1,167.47	94.53
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	958.50	
26 56 23 00-0143	EA		100 LEDs, 111 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,326.06	99.26
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	961.33	
26 56 23 00-0144	EA		120 LEDs, 132 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,484.66	103.98
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	964.17	
26 56 23 00-0145	EA		140 LEDs, 157 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,690.99	108.71
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	967.00	
26 56 23 00-0146	EA		160 LEDs, 179 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	1,849.58	113.43
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	969.84	
26 56 23 00-0147	EA		200 LEDs, 221 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,166.79	122.88
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	975.51	
26 56 23 00-0148	EA		240 LEDs, 264 System Watts, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG)	2,474.54	127.61
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	978.35	
26 56 23 00-0149			Arm Mount, Round, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) <small>(26 56 23 00-0129)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0150	EA		40 LEDs, 47 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,127.41	85.07
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	952.83	
26 56 23 00-0151	EA		60 LEDs, 68 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,332.08	89.80
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	955.66	
26 56 23 00-0152	EA		80 LEDs, 90 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,537.93	94.53
			<i>For Backlight Shielding, Add</i>	16.46	
			<i>For 347-480 Volt, Add</i>	53.70	
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
			<i>For Post Top Mount, Add</i>	958.50	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 23 00-0153	EA 100 LEDs, 111 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,743.77	99.26
	<i>For Backlight Shielding, Add</i>	16.46	
	<i>For 347-480 Volt, Add</i>	53.70	
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
	<i>For Post Top Mount, Add</i>	961.33	
26 56 23 00-0154	EA 120 LEDs, 132 System Watts, Arm Mount, Round, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	1,948.43	103.98
	<i>For Backlight Shielding, Add</i>	16.46	
	<i>For 347-480 Volt, Add</i>	53.70	
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
	<i>For Post Top Mount, Add</i>	964.17	
26 56 23 00-0155	Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) <small>(26 56 23 00-0129)</small>		
	Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0156	EA 120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	1,415.93	103.98
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Bird Spikes, Add</i>	29.91	
	<i>For 5,000K Color Temperature, Add</i>	30.96	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For 480 Volt, Add</i>	55.73	
	<i>For Multi-Level, Add</i>	80.49	
	<i>For 1,000mA Driver, Add</i>	104.03	
26 56 23 00-0157	EA 240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	2,373.07	127.61
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For 5,000K Color Temperature, Add</i>	30.96	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For Bird Spikes, Add</i>	43.98	
	<i>For Multi-Level, Add</i>	80.49	
	<i>For 1,000mA Driver, Add</i>	104.38	
	<i>For 480 Volt, Add</i>	111.45	
26 56 23 00-0158	Wall Mount, LED Area Fixtures <small>(26 56 23 00-0128)</small>		
26 56 23 00-0159	Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) <small>(26 56 23 00-0158)</small>		
	Note: UL wet listed. Includes 4,000K color temperature, 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0160	EA 20 LEDs, 47 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	824.64	80.35
26 56 23 00-0161	EA 30 LEDs, 71 System Watts, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	843.55	89.80
26 56 23 00-0162	Wall Mount, Rectangular, LED Architectural Area Fixtures (CREE® Aeroblades™ BXABR) <small>(26 56 23 00-0158)</small>		
	Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 525mA remote driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0163	EA 20 LEDs, 39 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	1,306.11	80.35
	<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0164	EA 40 LEDs, 70 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	1,795.42	89.80
	<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0165	EA 60 LEDs, 103 System Watts, Wall Mount, Rectangular, LED Architectural Area Fixture (CREE® Aeroblades™ BXABR).....	2,265.82	89.80
	<i>For 0 To 10 Volt Dimming, Add</i>	47.04	
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 23 00-0166	Surface Mount, LED Parking Structure Fixtures <small>(26 56 23 00-0128)</small>		
26 56 23 00-0167	Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) <small>(26 56 23 00-0166)</small>		
	Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0168	EA 20 LEDs, 26 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	662.84	80.35
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0169	EA 40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	868.69	85.07
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0170	EA 60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,073.36	89.80
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0171	EA 80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,279.21	94.53
	<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0172	EA 100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,485.05	99.26
	<i>For Multi-Level Drive Currents, Add</i>	164.64	

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

26 56 23 00-0173			Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) <small>(26 56 23 00-0166)</small> Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0174	EA		40 LEDs, 47 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	836.94	85.07
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0175	EA		60 LEDs, 68 System Watts, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	925.18	89.80
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0176			Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) <small>(26 56 23 00-0166)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0177	EA		3,700 Lumens, 50 System Watts, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	529.04	85.07
26 56 23 00-0178			Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) <small>(26 56 23 00-0166)</small> Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 23 00-0179	EA		70 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,045.68	89.80
26 56 23 00-0180	EA		110 System Watts, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,064.59	99.26
26 56 23 00-0181			Surface Mount, LED Canopy Fixtures <small>(26 56 23 00-0128)</small>		
26 56 23 00-0182			Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) <small>(26 56 23 00-0181)</small> Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0183	EA		40 LEDs, 47 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,009.81	85.07
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0184	EA		60 LEDs, 68 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,214.48	89.80
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0185	EA		80 LEDs, 90 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,420.33	94.53
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0186	EA		100 LEDs, 111 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,626.17	99.26
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0187	EA		120 LEDs, 132 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,830.83	103.98
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0188	EA		140 LEDs, 157 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,115.47	108.71
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0189	EA		160 LEDs, 179 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,320.14	113.43
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0190	EA		200 LEDs, 221 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,731.82	122.88
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0191	EA		240 LEDs, 264 System Watts, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,132.89	127.61
			<i>For Multi-Level Drive Currents, Add</i>	164.64	
26 56 23 00-0192			Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) <small>(26 56 23 00-0181)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0193	EA		8,000 Lumens, 82 System Watts, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250).....	603.17	94.53
26 56 23 00-0194			Recessed Mount, LED Soffit Fixtures <small>(26 56 23 00-0128)</small>		
26 56 23 00-0195			Recessed Mount, Rectangular, LED Soffit Fixtures (CREE® BetaLED® SFT-227) <small>(26 56 23 00-0194)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 23 00-0196	EA		30 LEDs, 36 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	838.09	82.71
26 56 23 00-0197	EA		60 LEDs, 68 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,095.70	89.80
26 56 23 00-0198	EA		90 LEDs, 101 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,447.40	96.89
26 56 23 00-0199	EA		120 LEDs, 139 System Watts, Recessed Mount, Rectangular, LED Soffit Fixture (CREE® BetaLED® SFT-227).....	1,672.07	103.98

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 56 23 00-0200		Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) <small>(26 56 23 00-0194)</small>			
		Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 23 00-0201	EA	40 LEDs, 47 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	852.23		85.07
26 56 23 00-0202	EA	60 LEDs, 68 System Watts, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	939.30		89.80
26 56 23 00-0203		Surface Mount, LED Area Fixtures <small>(26 56 23 00-0128)</small>			
26 56 23 00-0204		Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) <small>(26 56 23 00-0203)</small>			
		Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.			
26 56 23 00-0205	EA	50 LEDs, 59 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	622.59		85.07
26 56 23 00-0206	EA	50 LEDs, 59 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	772.68		85.07
26 56 23 00-0207	EA	68 LEDs, 79 System Watts, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	655.29		94.53
26 56 23 00-0208	EA	68 LEDs, 79 System Watts, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	799.16		94.53
26 56 23 00-0209		Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) <small>(26 56 23 00-0203)</small>			
		Note: Wall, inverted, post, bollard, floodlight trunion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.			
26 56 23 00-0210	EA	13 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A)	204.19		30.95
		<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00		
26 56 23 00-0211	EA	20 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A)	236.56		30.95
		<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00		
26 56 23 00-0212	EA	30 System Watts, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A)	298.22		30.95
		<i>For Knuckle Mount Or Trunion Mount Base, Add</i>	45.00		
26 56 23 00-0213		Surface Mount, LED Facade Fixtures <small>(26 56 23 00-0128)</small>			
26 56 23 00-0214		Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) <small>(26 56 23 00-0213)</small>			
26 56 23 00-0215	EA	12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	394.57		36.15
26 56 23 00-0216	EA	24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	631.60		33.01
26 56 23 00-0217	EA	36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	801.04		27.51
26 56 23 00-0218	EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	970.46		22.00
26 56 23 00-0219		Post Top, LED Area Fixtures <small>(26 56 23 00-0128)</small>			
26 56 23 00-0220		Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) <small>(26 56 23 00-0219)</small>			
		Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.			
26 56 23 00-0221	EA	1,800 Lumens, 27 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1).....	1,131.36		129.98
26 56 23 00-0222	EA	3,400 Lumens, 54 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2).....	1,242.54		129.98
26 56 23 00-0223	EA	77 System Watts, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3).....	1,330.43		129.98
26 56 23 00-0224		Post Top, LED Area Fixtures (General Electric EPAS) <small>(26 56 23 00-0219)</small>			
		Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.			
26 56 23 00-0225	EA	2,400 Lumens, 49 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS).....	2,208.23		129.98
26 56 23 00-0226	EA	4,600 Lumens, 86 System Watts, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS).....	2,291.83		129.98
26 56 23 00-0227		Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) <small>(26 56 23 00-0219)</small>			
		Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.			
26 56 23 00-0228	EA	13,800 Lumens, 130 System Watts, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR)	1,861.16		129.98
26 56 23 00-0229		LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53) <small>(26 56 23 00-0219)</small>			
		Note: Includes 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.			
26 56 23 00-0230	EA	LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53).....	525.39		70.89
		<i>For 0 To 10 Volt Dimming, Add</i>	37.15		
26 56 23 00-0231		LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) <small>(26 56 23 00-0219)</small>			
		Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 26 01 50 51-0130 for disposal of hazardous lamps.			

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

26 56 23 00-0232	EA	LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) <i>For Backlight Control Shield, Add</i>	325.75 25.12	15.12
26 56 23 00-0233		Induction Area Fixtures (26 56 23)		
26 56 23 00-0234		Post Top, Induction Area Fixtures (26 56 23 00-0233)		
26 56 23 00-0235		Post Top, Induction Area Fixtures (Crystal Lighting) (26 56 23 00-0234) Note: Includes black powder coat finish heavy duty die cast aluminum body and acrylic lens.		
26 56 23 00-0236	EA	65 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN).....	635.41	129.98
26 56 23 00-0237	EA	80 Watt Induction, Post Top Mount, Acorn Style Area Fixture (Crystal Lighting CLP-ACRN).....	700.56	129.98
26 56 23 00-0238		Post Top, Induction Area Fixtures (US Lighting Tech) (26 56 23 00-0234) Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 23 00-0239	EA	40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	658.60	129.98
26 56 23 00-0240	EA	70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	722.65	129.98
26 56 23 00-0241	EA	100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	722.65	129.98
26 56 23 00-0242	EA	150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	722.65	129.98
26 56 23 00-0243		Surface Mount, Induction Parking Structure Fixtures (26 56 23 00-0233)		
26 56 23 00-0244		Surface Mount, Induction Parking Structure Fixtures (Everlast®) (26 56 23 00-0243)		
26 56 23 00-0245	EA	40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	581.05	118.15
26 56 23 00-0246	EA	55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	623.32	120.52
26 56 23 00-0247	EA	70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	632.45	122.88
26 56 23 00-0248	EA	80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	641.60	125.25
26 56 23 00-0249	EA	100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	650.74	127.61
26 56 23 00-0250	EA	120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	664.31	129.98
26 56 23 00-0251	EA	70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	696.50	122.88
26 56 23 00-0252	EA	80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	705.64	125.25
26 56 23 00-0253	EA	100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	714.79	127.61
26 56 23 00-0254	EA	120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	747.13	129.98
26 56 23 00-0255		Pole Mount, Induction Area Fixtures (26 56 23 00-0233)		
26 56 23 00-0256		Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) (26 56 23 00-0255) Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 23 00-0257	EA	70 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70).....	674.44	80.35
26 56 23 00-0258	EA	80 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80).....	694.75	85.07
26 56 23 00-0259	EA	100 Watts, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100).....	715.04	89.80
26 56 23 00-0260		Metal Halide Area Fixtures (26 56 23)		
26 56 23 00-0261		Pole Mount, Metal Halide Area Fixtures (26 56 23 00-0260) Note: Includes pulse start ballast.		
26 56 23 00-0262	EA	150 Watt, Metal Halide Area Fixture, Pole Mount.....	637.85	117.41
26 56 23 00-0263	EA	175 Watt, Metal Halide Area Fixture, Pole Mount.....	702.84	129.15
26 56 23 00-0264	EA	250 Watt, Metal Halide Area Fixture, Pole Mount.....	774.23	140.89
26 56 23 00-0265	EA	400 Watt, Metal Halide Area Fixture, Pole Mount.....	823.77	164.38
26 56 23 00-0266		High Pressure Sodium Area Fixtures (26 56 23)		
26 56 23 00-0267		Pole Mount, High Pressure Sodium Area Fixtures (26 56 23 00-0266)		
26 56 23 00-0268	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	529.98	93.93
26 56 23 00-0269	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	585.33	117.41
26 56 23 00-0270	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	639.67	140.89
26 56 23 00-0271	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount.....	685.17	164.38
26 56 23 00-0272		Area Lighting Accessories (26 56 23)		
26 56 23 00-0273		Outdoor Motion Sensors (26 56 23 00-0272)		
26 56 23 00-0274	EA	70' Range, 180 Degree Detection Zone, 8 Amp Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000).....	76.56	21.53
26 56 23 00-0275	EA	70' Range, 200 Degree Detection Zone, 10 Amp Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000).....	82.63	21.53
26 56 23 00-0276	EA	30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	308.20 12.92	21.53
26 56 26		Landscape Lighting (26 56)		
26 56 26 00-0001		Bollards (26 56 26) Note: Excludes concrete base.		
26 56 26 00-0002		Aluminum Architectural Bollards (26 56 26 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 26 00-0077 EA 36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	847.05	81.67
26 56 26 00-0078 EA 42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	789.92	85.97
26 56 26 00-0079 Round, Compact Fluorescent, Aluminum Architectural Bollards (26 56 26 00-0065)		
26 56 26 00-0080 EA 24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	799.78	73.08
26 56 26 00-0081 EA 30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	808.37	77.38
26 56 26 00-0082 EA 36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	816.97	81.67
26 56 26 00-0083 EA 42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	760.42	85.97
26 56 26 00-0084 EA 24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	799.78	73.08
26 56 26 00-0085 EA 30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	808.37	77.38
26 56 26 00-0086 EA 36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	816.97	81.67
26 56 26 00-0087 EA 42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	760.42	85.97
26 56 26 00-0088 EA 24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	799.78	73.08
26 56 26 00-0089 EA 30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	808.37	77.38
26 56 26 00-0090 EA 36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	816.97	81.67
26 56 26 00-0091 EA 42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	760.42	85.97
26 56 26 00-0092 LED, Aluminum Architectural Bollards (26 56 26 00-0002)		
26 56 26 00-0093 Square, LED, Aluminum Architectural Bollards (26 56 26 00-0092)		
26 56 26 00-0094 EA 24" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	986.04	73.08
26 56 26 00-0095 EA 30" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	994.63	77.38
26 56 26 00-0096 EA 36" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	1,003.23	81.67
26 56 26 00-0097 EA 42" Overall Height, 6-3/4" Square, 12 LEDs, LED, Aluminum Architectural Bollard.....	946.93	85.97
26 56 26 00-0098 EA 24" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,195.43	73.08
26 56 26 00-0099 EA 30" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,204.02	77.38
26 56 26 00-0100 EA 36" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,212.62	81.67
26 56 26 00-0101 EA 42" Overall Height, 6-3/4" Square, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,155.28	85.97
26 56 26 00-0102 Round, LED, Aluminum Architectural Bollards (26 56 26 00-0092)		
26 56 26 00-0103 EA 24" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	954.80	73.08
26 56 26 00-0104 EA 30" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	963.39	77.38
26 56 26 00-0105 EA 36" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	971.99	81.67
26 56 26 00-0106 EA 42" Overall Height, 7" Diameter, 12 LEDs, LED, Aluminum Architectural Bollard.....	914.65	85.97
26 56 26 00-0107 EA 24" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,164.20	73.08
26 56 26 00-0108 EA 30" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,172.79	77.38
26 56 26 00-0109 EA 36" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,181.39	81.67
26 56 26 00-0110 EA 42" Overall Height, 7" Diameter, 24 LEDs, LED, Aluminum Architectural Bollard.....	1,124.41	85.97
26 56 26 00-0111 Reinforced Concrete Bollards (26 56 26 00-0001)		
26 56 26 00-0112 EA 48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard.....	901.30	214.92
26 56 26 00-0113 EA 58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard.....	1,472.31	286.54
26 56 26 00-0114 Low Voltage (26 56 26)		
26 56 26 00-0115 EA Low Voltage Recessed Uplight.....	659.63	156.47
26 56 26 00-0116 EA Low Voltage Walkway.....	484.53	85.97
26 56 26 00-0117 EA Low Voltage Malibu - 5 Light Set.....	456.89	114.77
26 56 26 00-0118 EA Low Voltage Mushroom 24" Pier.....	404.96	85.97
26 56 26 00-0119 Recessed, Adjustable (26 56 26)		
26 56 26 00-0120 EA 150 Watt Incandescent Recessed, Adjustable.....	803.65	137.55
26 56 26 00-0121 EA 300 Watt Incandescent Recessed, Adjustable.....	888.90	137.55
26 56 26 00-0122 Recessed, Uplight (26 56 26)		
26 56 26 00-0123 EA 50 Watt Incandescent Recessed Uplight.....	707.03	137.55
26 56 26 00-0124 EA 150 Watt Incandescent Recessed Uplight.....	724.08	137.55
26 56 26 00-0125 EA 300 Watt Incandescent Recessed Uplight.....	775.23	137.55
26 56 26 00-0126 EA 500 Watt Quartz Recessed Uplight.....	769.54	137.55
26 56 26 00-0127 EA 5 Watt LED Recessed Uplight.....	657.21	137.55
26 56 26 00-0128 EA 15 Watt LED Recessed Uplight.....	715.53	137.55
26 56 26 00-0129 Recessed Wall Light (26 56 26)		
26 56 26 00-0130 EA 100 Watt Incandescent Recessed Wall Light.....	353.81	85.97
26 56 26 00-0131 EA 100 Watt Fluorescent Recessed Wall Light.....	336.76	85.97
26 56 26 00-0132 EA 100 Watt High Intensity Discharge (HID) Recessed Wall Light.....	564.88	114.77
26 56 26 00-0133 Step Lights (26 56 26)		
26 56 26 00-0134 EA Incandescent Step Light.....	290.96	68.78
26 56 26 00-0135 EA Fluorescent Step Light.....	347.84	68.78
26 56 26 00-0136 EA 5 Watt LED Step Light.....	357.22	68.78
26 56 26 00-0137 EA 15 Watt LED Step Light.....	419.42	68.78
26 56 26 00-0138 Tree Lights, Surface Adjustable (26 56 26)		

26 Electrical
26 50 Lighting
26 56 Exterior Lighting



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 26 00-0139	EA	50 Watt Incandescent Tree Lights	638.76	114.77
26 56 26 00-0140	EA	100 Watt Incandescent Tree Lights	655.81	114.77
26 56 26 00-0141	EA	150 Watt Incandescent Tree Lights	798.56	171.94

26 56 26 00-0142 Underwater Lights (26 56 26)

26 56 26 00-0143	EA	150 Watt, 120 Volt Underwater Lights	551.98	57.17
26 56 26 00-0144	EA	300 Watt, 120 Volt Underwater Lights	620.18	57.17
26 56 26 00-0145	EA	1,000 Watt, 120 Volt Underwater Lights	1,564.40	85.97
26 56 26 00-0146	EA	50 Watt, 12 V Underwater Lights	580.40	57.17
26 56 26 00-0147	EA	300 Watt, 12 V Underwater Lights	659.97	57.17
26 56 26 00-0148	EA	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent	1,706.84	128.96

26 56 33 Walkway Lighting (26 56)

26 56 33 00-0001 Incandescent Walkway (26 56 33)

26 56 33 00-0002	EA	Post Top 300 Watt Incandescent Walkway Fixture	364.81	79.95
------------------	----	--	--------	-------

26 56 33 00-0003 Metal Halide Walkway (26 56 33)

26 56 33 00-0004	EA	Post Top 100 Watt Metal Halide Walkway Fixture	559.16	125.69
26 56 33 00-0005	EA	Post Top 150-175 Watt Metal Halide Walkway Fixture	595.08	130.24
26 56 33 00-0006	EA	Post Top 250 Watt Metal Halide Walkway Fixture	647.17	135.23
26 56 33 00-0007	EA	Post Top 400 Watt Metal Halide Walkway Fixture	691.55	146.15
26 56 33 00-0008	EA	Round Luminaries 100 Watt Metal Halide Walkway Fixture	611.28	135.23
26 56 33 00-0009	EA	Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	628.20	125.69
26 56 33 00-0010	EA	Round Luminaries 250 Watt Metal Halide Walkway Fixture	638.16	130.24
26 56 33 00-0011	EA	Spherical 100 Watt Metal Halide Walkway Fixture	520.05	89.58
26 56 33 00-0012	EA	Spherical 150-175 Watt Metal Halide Walkway Fixture	555.94	89.58
26 56 33 00-0013	EA	Spherical 250 Watt Metal Halide Walkway Fixture	591.83	89.58
26 56 33 00-0014	EA	Spherical 400 Watt Metal Halide Walkway Fixture	668.37	100.84
26 56 33 00-0015	EA	Low Walkway 100 Watt Metal Halide Walkway Fixture	501.93	80.46

26 56 33 00-0016 High Pressure Sodium Walkway (26 56 33)

26 56 33 00-0017	EA	Post Top 100 Watt High Pressure Sodium Walkway Fixture	491.83	125.69
26 56 33 00-0018	EA	Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	521.89	130.24
26 56 33 00-0019	EA	Post Top 250 Watt High Pressure Sodium Walkway Fixture	564.74	135.23
26 56 33 00-0020	EA	Post Top 400 Watt High Pressure Sodium Walkway Fixture	604.24	146.15
26 56 33 00-0021	EA	Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	536.70	135.23
26 56 33 00-0022	EA	Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	545.77	125.69
26 56 33 00-0023	EA	Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	555.55	130.24
26 56 33 00-0024	EA	Spherical 100 Watt High Pressure Sodium Walkway Fixture	445.47	89.58
26 56 33 00-0025	EA	Spherical 175 150-Watt High Pressure Sodium Walkway Fixture	473.51	89.58
26 56 33 00-0026	EA	Spherical 250 Watt High Pressure Sodium Walkway Fixture	501.55	89.58
26 56 33 00-0027	EA	Spherical 400 Watt High Pressure Sodium Walkway Fixture	566.31	100.84
26 56 33 00-0028	EA	Low Walkway 100 Watt High Pressure Sodium Walkway Fixture	427.35	80.46

26 56 33 00-0029 Walkway, Adjustable (26 56 33)

26 56 33 00-0030	EA	2' Fluorescent Adjustable Walkway Fixture	530.57	114.77
26 56 33 00-0031	EA	4' Fluorescent Adjustable Walkway Fixture	548.27	114.77
26 56 33 00-0032	EA	8' Fluorescent Adjustable Walkway Fixture	969.52	171.94
26 56 33 00-0033	EA	50 Watt Incandescent Adjustable Walkway Fixture	455.25	85.97
26 56 33 00-0034	EA	150 Watt Incandescent Adjustable Walkway Fixture	478.86	85.97

26 56 33 00-0035 LED Walkway (26 56 33)

26 56 33 00-0036 LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) (26 56 33 00-0035)

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

26 56 33 00-0037	EA	13" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	698.03	66.02
		<i>For Multi-Level Drive Currents, Add</i>	<i>164.64</i>	
26 56 33 00-0038	EA	18" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	721.55	66.02
		<i>For Multi-Level Drive Currents, Add</i>	<i>164.64</i>	
26 56 33 00-0039	EA	36" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	761.53	66.02
		<i>For Multi-Level Drive Currents, Add</i>	<i>164.64</i>	
26 56 33 00-0040	EA	42" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	792.11	66.02
		<i>For Multi-Level Drive Currents, Add</i>	<i>164.64</i>	
26 56 33 00-0041	EA	96" Height, 1,248 Lumens, 22 System Watts, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	910.57	84.88
		<i>For Multi-Level Drive Currents, Add</i>	<i>164.64</i>	

26 56 36 Flood Lighting (26 56)

26 56 36 00-0001 General Electric Powerflood® Flood Lights (26 56 36)

26 56 36 00-0002 MPF (Small Size) Series GE Flood Lights (26 56 36 00-0001)

Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.

26 56 36 00-0003 High Pressure Sodium MPF Series GE Flood Lights (26 56 36 00-0002)

26 56 36 00-0004	EA	70 Watt High Pressure Sodium MPF Series GE Flood Light	227.23	70.45
------------------	----	--	--------	-------

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

26 56 36 00-0005	EA		100 Watt High Pressure Sodium MPF Series GE Flood Light	228.96	70.45
26 56 36 00-0006	EA		150 Watt High Pressure Sodium MPF Series GE Flood Light	231.83	70.45
26 56 36 00-0007			Metal Halide MPF Series GE Flood Lights (26 56 36 00-0002)		
26 56 36 00-0008	EA		70 Watt Metal Halide MPF Series GE Flood Light	295.73	70.45
26 56 36 00-0009			P-154 (Small Size) Series GE Flood Lights (26 56 36 00-0001)		
			Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0010			High Pressure Sodium P-154 Series GE Flood Lights (26 56 36 00-0009)		
26 56 36 00-0011	EA		70 Watt High Pressure Sodium P-154 Series GE Flood Light	435.94	93.93
26 56 36 00-0012	EA		100 Watt High Pressure Sodium P-154 Series GE Flood Light	438.25	93.93
26 56 36 00-0013	EA		150 Watt High Pressure Sodium P-154 Series GE Flood Light	442.28	93.93
26 56 36 00-0014	EA		250 Watt High Pressure Sodium P-154 Series GE Flood Light	487.75	93.93
26 56 36 00-0015	EA		400 Watt High Pressure Sodium P-154 Series GE Flood Light	500.99	93.93
26 56 36 00-0016			Metal Halide P-154 Series GE Flood Lights (26 56 36 00-0009)		
26 56 36 00-0017	EA		175 Watt Metal Halide P-154 Series GE Flood Light	431.91	93.93
26 56 36 00-0018	EA		250 Watt Metal Halide P-154 Series GE Flood Light	452.06	93.93
26 56 36 00-0019	EA		400 Watt Metal Halide P-154 Series GE Flood Light	462.42	93.93
26 56 36 00-0020			PF-154 (Medium Size) Series GE Flood Lights (26 56 36 00-0001)		
			Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0021			High Pressure Sodium PF-154 Series GE Flood Lights (26 56 36 00-0020)		
26 56 36 00-0022	EA		70 Watt High Pressure Sodium PF-154 Series GE Flood Light	449.64	105.67
26 56 36 00-0023	EA		100 Watt High Pressure Sodium PF-154 Series GE Flood Light	452.52	105.67
26 56 36 00-0024	EA		150 Watt High Pressure Sodium PF-154 Series GE Flood Light	457.12	105.67
26 56 36 00-0025	EA		250 Watt High Pressure Sodium PF-154 Series GE Flood Light	502.02	105.67
26 56 36 00-0026	EA		400 Watt High Pressure Sodium PF-154 Series GE Flood Light	514.68	105.67
26 56 36 00-0027			Metal Halide PF-154 GE Flood Lights (26 56 36 00-0020)		
26 56 36 00-0028	EA		175 Watt Metal Halide PF-154 Series GE Flood Light	446.18	105.67
26 56 36 00-0029	EA		250 Watt Metal Halide PF-154 Series GE Flood Light	465.76	105.67
26 56 36 00-0030	EA		400 Watt Metal Halide PF-154 Series GE Flood Light	476.12	105.67
26 56 36 00-0031			PF-400 (Medium Size) Series GE Flood Lights (26 56 36 00-0001)		
			Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0032			High Pressure Sodium PF-400 Series GE Flood Lights (26 56 36 00-0031)		
26 56 36 00-0033	EA		150 Watt High Pressure Sodium PF-400 Series GE Flood Light	585.48	105.67
26 56 36 00-0034	EA		200 Watt High Pressure Sodium PF-400 Series GE Flood Light	625.77	105.67
26 56 36 00-0035	EA		250 Watt High Pressure Sodium PF-400 Series GE Flood Light	622.89	105.67
26 56 36 00-0036	EA		400 Watt High Pressure Sodium PF-400 Series GE Flood Light	637.28	105.67
26 56 36 00-0037			Metal Halide PF-400 GE Flood Lights (26 56 36 00-0031)		
26 56 36 00-0038	EA		175 Watt Metal Halide PF-400 Series GE Flood Light	600.45	105.67
26 56 36 00-0039	EA		250 Watt Metal Halide PF-400 Series GE Flood Light	612.53	105.67
26 56 36 00-0040	EA		400 Watt Metal Halide PF-400 Series GE Flood Light	625.20	105.67
26 56 36 00-0041			PF-1000 (Large Size) Series GE Flood Lights (26 56 36 00-0001)		
			Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0042			High Pressure Sodium PF-154 Series GE Flood Lights (26 56 36 00-0041)		
26 56 36 00-0043	EA		750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	781.05	117.41
26 56 36 00-0044	EA		1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	781.05	117.41
26 56 36 00-0045			Metal Halide PF-1000 Series GE Flood Lights (26 56 36 00-0041)		
26 56 36 00-0046	EA		1,000 Watt Metal Halide PF-1000 Series GE Flood Light	747.67	117.41
26 56 36 00-0047			HLU/VLU (Medium Size) FRP Series GE Flood Lights (26 56 36 00-0001)		
			Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0048			High Pressure Sodium HLU/VLU FRP Series GE Flood Lights (26 56 36 00-0047)		
26 56 36 00-0049	EA		250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	640.74	105.67
26 56 36 00-0050	EA		400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	651.67	105.67

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 36 00-0051		Metal Halide HLU/VLU Series GE Flood Lights (26 56 36 00-0047)		
26 56 36 00-0052	EA	400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	647.07	105.67
26 56 36 00-0053		Accessories For Powerflood GE Flood Lights (26 56 36 00-0001)		
26 56 36 00-0054	EA	Wireguard For Powerflood GE Flood Light	113.15	23.48
26 56 36 00-0055	EA	Polycarbonate Vandal Shield For Powerflood GE Flood Light	70.56	23.48
26 56 36 00-0056	EA	Top Visor For Powerflood Flood Light	97.04	23.48
26 56 36 00-0057	EA	Top And Two Side Visors For Powerflood GE Flood Light	76.89	23.48
26 56 36 00-0058	EA	Pipe Wall Mounting Bracket For Powerflood GE Flood Light	199.60	70.45
26 56 36 00-0059	EA	Multiple Mounting Channel For Powerflood GE Flood Light	83.22	23.48
26 56 36 00-0060	EA	Wall Or Flat Surface Bracket For Powerflood GE Flood Light	156.43	70.45
26 56 36 00-0061	EA	Steel Angle Bracket For Powerflood GE Flood Light	161.61	70.45
26 56 36 00-0062	EA	Cross Arm Adaptor For Powerflood GE Flood Light	65.38	23.48
26 56 36 00-0063	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	63.65	23.48
26 56 36 00-0064		Lithonia Contour Series Flood Lights (26 56 36)		
26 56 36 00-0065		TFM (Small Size) Series Lithonia Flood Lights (26 56 36 00-0064)		
		Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 56 36 00-0066		High Pressure Sodium TFM Series Lithonia Flood Lights (26 56 36 00-0065)		
26 56 36 00-0067	EA	70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	405.30	93.93
26 56 36 00-0068	EA	100 Watt High Pressure Sodium TFM Series Lithonia Flood Light	438.53	93.93
26 56 36 00-0069	EA	150 Watt High Pressure Sodium TFM Series Lithonia Flood Light	471.08	93.93
26 56 36 00-0070		Metal Halide TFM Series Lithonia Flood Lights (26 56 36 00-0065)		
26 56 36 00-0071	EA	50 Watt Metal Halide TFM Series Lithonia Flood Light	511.69	93.93
26 56 36 00-0072	EA	70 Watt Metal Halide TFM Series Lithonia Flood Light	503.69	93.93
26 56 36 00-0073	EA	100 Watt Metal Halide TFM Series Lithonia Flood Light	490.80	93.93
26 56 36 00-0074	EA	175 Watt Metal Halide TFM Series Lithonia Flood Light	489.84	93.93
26 56 36 00-0075		Compact Fluorescent TFM Series Lithonia Flood Lights (26 56 36 00-0065)		
26 56 36 00-0076	EA	42 Watt Compact Fluorescent TFM Series Lithonia Flood Light	508.38	93.93
26 56 36 00-0077		TFL (Medium Size) Series Lithonia Flood Lights (26 56 36 00-0064)		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0078		High Pressure Sodium TFL Series Lithonia Flood Lights (26 56 36 00-0077)		
26 56 36 00-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	601.97	105.67
26 56 36 00-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	613.05	105.67
26 56 36 00-0081		Metal Halide TFL Series Lithonia Flood Lights (26 56 36 00-0077)		
26 56 36 00-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light	577.05	105.67
26 56 36 00-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light	577.05	105.67
26 56 36 00-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light	594.44	105.67
26 56 36 00-0085		TFR (Low Profile) Series Lithonia Flood Lights (26 56 36 00-0064)		
		Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0086		High Pressure Sodium TFR Lithonia Flood Lights (26 56 36 00-0085)		
26 56 36 00-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	572.96	93.93
26 56 36 00-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	589.55	93.93
26 56 36 00-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	603.41	93.93
26 56 36 00-0090		Metal Halide TFR Lithonia Flood Lights (26 56 36 00-0085)		
26 56 36 00-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	567.41	93.93
26 56 36 00-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	584.02	93.93
26 56 36 00-0093		TFA (Large Size) Series Lithonia Flood Lights (26 56 36 00-0064)		
		Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 56 36 00-0094		High Pressure Sodium TFA Series Lithonia Flood Lights (26 56 36 00-0093)		
26 56 36 00-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light	1,079.65	117.41
26 56 36 00-0096		Metal Halide TFA Series Lithonia Flood Lights (26 56 36 00-0093)		
26 56 36 00-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light	844.20	117.41

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light	927.29	117.41
26 56 36 00-0099		Accessories For Contour Series Lithonia Flood Lights <small>(26 56 36 00-0064)</small>		
26 56 36 00-0100	EA	Wireguard For Contour Series Lithonia Flood Light.....	99.19	23.48
26 56 36 00-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	180.75	23.48
26 56 36 00-0102	EA	Upper Visor For Contour Series Lithonia Flood Light	83.80	23.48
26 56 36 00-0103	EA	Full Visor For Contour Series Lithonia Flood Light	108.72	23.48
26 56 36 00-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	251.67	70.45
26 56 36 00-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	207.57	70.45
26 56 36 00-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light.....	207.57	70.45
26 56 36 00-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	225.16	70.45
26 56 36 00-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	95.40	23.48
26 56 36 00-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	78.50	23.48
26 56 36 00-0110		Ruud Flood Lights <small>(26 56 36)</small>		
26 56 36 00-0111		NS (Micro) Series Ruud Flood Lights <small>(26 56 36 00-0110)</small> Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 56 36 00-0112		High Pressure Sodium NS Series Ruud Flood Lights <small>(26 56 36 00-0111)</small>		
26 56 36 00-0113	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	270.98	70.45
26 56 36 00-0114	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	270.98	70.45
26 56 36 00-0115	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	270.98	70.45
26 56 36 00-0116	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	270.98	70.45
26 56 36 00-0117	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	270.98	70.45
26 56 36 00-0118		Metal Halide NS Series Ruud Flood Lights <small>(26 56 36 00-0111)</small>		
26 56 36 00-0119	EA	50 Watt Metal Halide NS Series Ruud Flood Light.....	303.21	70.45
26 56 36 00-0120	EA	70 Watt Metal Halide NS Series Ruud Flood Light	303.21	70.45
26 56 36 00-0121	EA	100 Watt Metal Halide NS Series Ruud Flood Light	303.21	70.45
26 56 36 00-0122		Compact Fluorescent NS Series Ruud Flood Lights <small>(26 56 36 00-0111)</small>		
26 56 36 00-0123	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light.....	237.59	70.45
26 56 36 00-0124	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light.....	245.65	70.45
26 56 36 00-0125	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	247.95	70.45
26 56 36 00-0126	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light.....	250.25	70.45
26 56 36 00-0127		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights <small>(26 56 36 00-0110)</small> Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 56 36 00-0128		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights <small>(26 56 36 00-0127)</small>		
26 56 36 00-0129	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	416.25	105.67
26 56 36 00-0130	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	436.98	105.67
26 56 36 00-0131	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	448.49	105.67
26 56 36 00-0132		Metal Halide NSF/NSW/NSC Series Ruud Flood Lights <small>(26 56 36 00-0127)</small>		
26 56 36 00-0133	EA	175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	411.65	105.67
26 56 36 00-0134	EA	250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	413.95	105.67
26 56 36 00-0135	EA	400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light	420.86	105.67
26 56 36 00-0136		Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights <small>(26 56 36 00-0127)</small>		
26 56 36 00-0137	EA	70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light.....	403.59	105.67
26 56 36 00-0138		FS (Square) Series Ruud Flood Lights <small>(26 56 36 00-0110)</small> Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0139		High Pressure Sodium FS Series Ruud Flood Lights <small>(26 56 36 00-0138)</small>		
26 56 36 00-0140	EA	250 Watt High Pressure Sodium FS Series Ruud Flood Light.....	477.27	105.67
26 56 36 00-0141	EA	400 Watt High Pressure Sodium FS Series Ruud Flood Light.....	479.57	105.67
26 56 36 00-0142	EA	1,000 Watt High Pressure Sodium FS Series Ruud Flood Light.....	781.63	117.41
26 56 36 00-0143		Metal Halide FS Series Ruud Flood Lights <small>(26 56 36 00-0138)</small>		
26 56 36 00-0144	EA	175 Watt Metal Halide FS Series Ruud Flood Light.....	477.27	105.67
26 56 36 00-0145	EA	250 Watt Metal Halide FS Series Ruud Flood Light.....	479.57	105.67
26 56 36 00-0146	EA	400 Watt Metal Halide FS Series Ruud Flood Light.....	486.48	105.67
26 56 36 00-0147	EA	1,000 Watt Metal Halide FS Series Ruud Flood Light.....	705.65	117.41
26 56 36 00-0148		MFS (Mini Square) Series Ruud Flood Lights <small>(26 56 36 00-0110)</small> Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 56 36 00-0149		High Pressure Sodium MFS Series Ruud Flood Lights <small>(26 56 36 00-0148)</small>		
26 56 36 00-0150	EA	35 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	380.11	93.93

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 36 00-0151	EA		50 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	404.29	93.93
26 56 36 00-0152	EA		70 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	404.29	93.93
26 56 36 00-0153	EA		100 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	404.29	93.93
26 56 36 00-0154	EA		150 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	404.29	93.93
26 56 36 00-0155			Metal Halide MFS Series Ruud Flood Lights (26 56 36 00-0148)		
26 56 36 00-0156	EA		50 Watt Metal Halide MFS Series Ruud Flood Light.....	412.34	93.93
26 56 36 00-0157	EA		70 Watt Metal Halide MFS Series Ruud Flood Light.....	412.34	93.93
26 56 36 00-0158	EA		100 Watt Metal Halide MFS Series Ruud Flood Light.....	412.34	93.93
26 56 36 00-0159	EA		175 Watt Metal Halide MFS Series Ruud Flood Light.....	399.68	93.93
26 56 36 00-0160			MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights (26 56 36 00-0110)		
			Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0161			High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights (26 56 36 00-0160)		
26 56 36 00-0162	EA		35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	408.89	93.93
26 56 36 00-0163	EA		50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	433.07	93.93
26 56 36 00-0164	EA		70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	433.07	93.93
26 56 36 00-0165	EA		100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	433.07	93.93
26 56 36 00-0166	EA		150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light	433.07	93.93
26 56 36 00-0167			Metal Halide MCF/MPM/MPN Series Ruud Flood Lights (26 56 36 00-0160)		
26 56 36 00-0168	EA		50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	441.12	93.93
26 56 36 00-0169	EA		70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	441.12	93.93
26 56 36 00-0170	EA		100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	441.12	93.93
26 56 36 00-0171	EA		175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light	428.46	93.93
26 56 36 00-0172			CF (Cutoff Square) Series Ruud Flood Lights (26 56 36 00-0110)		
			Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 56 36 00-0173			High Pressure Sodium CF Series Ruud Flood Lights (26 56 36 00-0172)		
26 56 36 00-0174	EA		250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	531.37	105.67
26 56 36 00-0175	EA		400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	542.89	105.67
26 56 36 00-0176	EA		1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	810.41	117.41
26 56 36 00-0177			Metal Halide CF Series Ruud Flood Lights (26 56 36 00-0172)		
26 56 36 00-0178	EA		175 Watt Metal Halide CF Series Ruud Flood Light.....	506.05	105.67
26 56 36 00-0179	EA		250 Watt Metal Halide CF Series Ruud Flood Light.....	508.35	105.67
26 56 36 00-0180	EA		400 Watt Metal Halide CF Series Ruud Flood Light.....	515.26	105.67
26 56 36 00-0181	EA		1,000 Watt Metal Halide CF Series Ruud Flood Light.....	734.43	117.41
26 56 36 00-0182			CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights (26 56 36 00-0110)		
			Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 56 36 00-0183			High Pressure Sodium CN Series Ruud Flood Lights (26 56 36 00-0182)		
26 56 36 00-0184	EA		400 High Pressure Sodium CN Series Ruud Flood Light.....	676.87	117.41
26 56 36 00-0185	EA		1,000 High Pressure Sodium CN Series Ruud Flood Light.....	796.60	117.41
26 56 36 00-0186			Metal Halide CN Series Ruud Flood Lights (26 56 36 00-0182)		
26 56 36 00-0187	EA		400 Watt Metal Halide CN Series Ruud Flood Light	649.24	117.41
26 56 36 00-0188	EA		1,000 Watt Metal Halide CN Series Ruud Flood Light	720.62	117.41
26 56 36 00-0189			PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights (26 56 36 00-0110)		
			Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 56 36 00-0190			High Pressure Sodium PM/PN Series Ruud Flood Lights (26 56 36 00-0189)		
26 56 36 00-0191	EA		250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	547.49	105.67
26 56 36 00-0192	EA		400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	559.00	105.67
26 56 36 00-0193			Metal Halide PM/PN Series Ruud Flood Lights (26 56 36 00-0189)		
26 56 36 00-0194	EA		175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	522.16	105.67
26 56 36 00-0195	EA		250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	524.47	105.67
26 56 36 00-0196	EA		400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	531.37	105.67
26 56 36 00-0197	EA		1,000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	750.55	117.41
26 56 36 00-0198			Accessories For Ruud Flood Lighting (26 56 36 00-0110)		
26 56 36 00-0199	EA		Wireguard For Ruud Flood Light.....	64.23	23.48
26 56 36 00-0200	EA		Deep Baffle (Full Visor) For Ruud Flood Light	95.31	23.48
26 56 36 00-0201	EA		Glare Guard (Upper Visor) For Ruud Flood Light	72.29	23.48
26 56 36 00-0202	EA		Vandal Shield For Ruud Flood Light	83.80	23.48
26 56 36 00-0203	EA		Pipe Mounting Bracket For Ruud Flood Light	180.03	70.45
26 56 36 00-0204	EA		120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	57.32	23.48

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

26 56 36 00-0205			Lumark Flood Lights <small>(26 56 36)</small>		
26 56 36 00-0206			QZ Wedge Series Quartz Lumark Flood Lights <small>(26 56 36 00-0205)</small> Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0207	EA		500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	164.43	70.45
26 56 36 00-0208			LQL Series Quartz Lumark Flood Lights <small>(26 56 36 00-0205)</small> Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 56 36 00-0209	EA		1,500 Watt LQL Series Quartz Lumark Flood Light	198.39	70.45
26 56 36 00-0210			Kim Lighting <small>(26 56 36)</small>		
26 56 36 00-0211			MicroFlood® Series Kim Lighting Flood Lights <small>(26 56 36 00-0210)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0212			LED MicroFlood® Series Kim Lighting Flood Lights <small>(26 56 36 00-0211)</small>		
26 56 36 00-0213	EA		5 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	286.89	30.13
26 56 36 00-0214	EA		15 Watt LED MicroFlood® Series Kim Lighting Flood Light.....	350.76	30.13
26 56 36 00-0215			Scarab® Series Kim Lighting Flood Lights <small>(26 56 36 00-0210)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 56 36 00-0216			LED Scarab® Series Kim Lighting Accent Flood Lights <small>(26 56 36 00-0215)</small> Note: Spot or narrow style accent flood lights.		
26 56 36 00-0217	EA		6 Watt LED Scarab® Series Kim Lighting Accent Flood Light.....	429.33	30.13
26 56 36 00-0218			CREE® BetaLED® Flood Lights <small>(26 56 36)</small>		
26 56 36 00-0219			Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) <small>(26 56 36 00-0218)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0220	EA		40 LEDs, 47 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	899.27	85.07
26 56 36 00-0221	EA		60 LEDs, 68 System Watts, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	987.51	89.80
26 56 36 00-0222			Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) <small>(26 56 36 00-0218)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0223	EA		20 LEDs, 26 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	780.44	80.35
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0224	EA		40 LEDs, 47 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	986.29	85.07
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0225	EA		60 LEDs, 68 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,190.96	89.80
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0226	EA		80 LEDs, 90 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,475.60	94.53
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0227	EA		100 LEDs, 111 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,680.27	99.26
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0228	EA		120 LEDs, 132 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,886.10	103.98
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0229	EA		140 LEDs, 157 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,154.28	108.71
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0230	EA		160 LEDs, 179 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,360.12	113.43
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0231	EA		200 LEDs, 221 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,770.63	122.88
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0232	EA		240 LEDs, 264 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,171.70	127.61
			<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0233			Adjustable Arm Mount, Round, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDR) <small>(26 56 36 00-0218)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0234	EA		40 LEDs, 47 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,127.41	85.07
			<i>For 347-480 Volt, Add</i>	53.70	

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 36 00-0235	EA 60 LEDs, 68 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,332.08	89.80
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0236	EA 80 LEDs, 90 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,468.55	94.53
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0237	EA 100 LEDs, 111 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,743.77	99.26
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0238	EA 120 LEDs, 132 System Watts, Adjustable Arm Mount, Round, LED Flood Light (CREE® BetaLED® Edge® FLD-EDR).....	1,948.43	103.98
	<i>For 347-480 Volt, Add</i>	53.70	
26 56 36 00-0239	Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) <small>(26 56 36 00-0218)</small>		
	Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0240	EA 120 LEDs, 267 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	1,467.95	103.98
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Bird Spikes, Add</i>	29.91	
	<i>For 5,000K Color Temperature, Add</i>	30.96	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For 480 Volt, Add</i>	55.73	
	<i>For Multi-Level, Add</i>	80.49	
	<i>For 1,000mA Driver, Add</i>	104.02	
26 56 36 00-0241	EA 240 LEDs, 533 System Watts, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	2,477.45	127.61
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For 5,000K Color Temperature, Add</i>	30.96	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For Bird Spikes, Add</i>	43.98	
	<i>For Multi-Level, Add</i>	80.49	
	<i>For 1,000mA Driver, Add</i>	104.02	
	<i>For 480 Volt, Add</i>	111.45	
26 56 36 00-0242	Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) <small>(26 56 36 00-0218)</small>		
	Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 36 00-0243	EA 112 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL) (DLC Certified).....	871.11	103.98
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Front Facing Optics, Back Light Shield, Add</i>	23.40	
	<i>For Rotated Optics, Back Light Shield, Add</i>	23.40	
	<i>For Field Adjustable Output, Add</i>	18.58	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For Multi-Level, Add</i>	80.49	
26 56 36 00-0244	EA 168 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL) (DLC Certified).....	929.63	103.98
	Note: Type III, IV or V medium optics only.		
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Front Facing Optics, Back Light Shield, Add</i>	23.40	
	<i>For Rotated Optics, Back Light Shield, Add</i>	23.40	
	<i>For Field Adjustable Output, Add</i>	18.58	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For Type II Medium Or Type V Short Optics, Add</i>	71.52	
	<i>For Multi-Level, Add</i>	80.49	
26 56 36 00-0245	EA 223 System Watts, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL) (DLC Certified).....	1,191.44	127.61
	<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	12.38	
	<i>For Field Adjustable Output, Add</i>	18.58	
	<i>For Front Facing Optics, Back Light Shield, Add</i>	28.36	
	<i>For Rotated Optics, Back Light Shield, Add</i>	28.36	
	<i>For Fuse, Add</i>	37.15	
	<i>For 0 To 10 Volt Dimming, Add</i>	37.15	
	<i>For Multi-Level, Add</i>	80.49	
26 56 36 00-0246	PlanLED Flood Lights <small>(26 56 36)</small>		
26 56 36 00-0247	Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) <small>(26 56 36 00-0246)</small>		
26 56 36 00-0248	EA 6,250 Lumens, 50 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050).....	374.90	85.07
26 56 36 00-0249	EA 9,375 Lumens, 75 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075).....	430.55	89.80
26 56 36 00-0250	EA 12,500 Lumens, 100 System Watts, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100).....	491.98	96.89
26 56 36 00-0251	Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) <small>(26 56 36 00-0246)</small>		
26 56 36 00-0252	EA 21,000 Lumens, 200 System Watts, LED Sports Flood Light (PlanLED SUFA SF200).....	1,014.40	189.06
	<i>For 0 To 10 Volt Dimming, Add</i>	29.40	

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

26 56 36 00-0253	EA		42,000 Lumens, 400 System Watts, LED Sports Flood Light (PlanLED SUFA SF400)..... <i>For 0 To 10 Volt Dimming, Add</i>	1,591.90 29.40	189.06
26 56 36 00-0254	EA		84,000 Lumens, 800 System Watts, LED Sports Flood Light (PlanLED SUFA SF800)..... <i>For 0 To 10 Volt Dimming, Add</i>	2,595.70 29.40	189.06
26 56 36 00-0255			Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) <small>(26 56 36 00-0248)</small>		
26 56 36 00-0256	EA		26,000 Lumens, 200 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200)..... <i>For 0 To 10 Volt Dimming, Add</i> <i>For 347-480 Volt, Add</i>	841.11 29.40 29.40	122.88
26 56 36 00-0257	EA		39,000 Lumens, 300 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300)..... <i>For 0 To 10 Volt Dimming, Add</i> <i>For 347-480 Volt, Add</i>	1,119.37 29.40 57.75	127.61
26 56 36 00-0258	EA		52,000 Lumens, 400 System Watts, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400)..... <i>For 0 To 10 Volt Dimming, Add</i> <i>For 347-480 Volt, Add</i>	1,402.87 29.40 57.75	132.34
26 56 39			Hazardous Location Flood Lights <small>(26 56)</small>		
			<small>Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.</small>		
26 56 39 00-0001			Lithonia Hazardous Location Flood Lights <small>(26 56 39)</small>		
26 56 39 00-0002			HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights <small>(26 56 39 00-0001)</small>		
			<small>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</small>		
26 56 39 00-0003			High Pressure Sodium HFR Series Hazardous Location Flood Lights <small>(26 56 39 00-0002)</small>		
26 56 39 00-0004	EA		150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	568.11	93.93
26 56 39 00-0005	EA		250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	603.80	93.93
26 56 39 00-0006	EA		400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	569.26	93.93
26 56 39 00-0007			Metal Halide HFR Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0002)</small>		
26 56 39 00-0008	EA		250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	599.99	93.93
26 56 39 00-0009	EA		400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	583.08	93.93
26 56 39 00-0010			HFM (Medium Base) Series Hazardous Location Flood Lights <small>(26 56 39 00-0001)</small>		
			<small>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</small>		
26 56 39 00-0011			High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0010)</small>		
26 56 39 00-0012	EA		100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	543.58	93.93
26 56 39 00-0013	EA		150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	564.88	93.93
26 56 39 00-0014			Metal Halide HFM Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0010)</small>		
26 56 39 00-0015	EA		175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	486.02	93.93
26 56 39 00-0016			HFA (Large) Series Hazardous Location Flood Lights <small>(26 56 39 00-0001)</small>		
			<small>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</small>		
26 56 39 00-0017			High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0016)</small>		
26 56 39 00-0018	EA		250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	760.91	117.41
26 56 39 00-0019	EA		400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	771.27	117.41
26 56 39 00-0020			Metal Halide HFA Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0016)</small>		
26 56 39 00-0021	EA		250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	757.45	117.41
26 56 39 00-0022	EA		400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	771.27	117.41
26 56 39 00-0023			HFL (Medium) Series Hazardous Location Flood Lights <small>(26 56 39 00-0001)</small>		
			<small>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</small>		
26 56 39 00-0024			High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0023)</small>		
26 56 39 00-0025	EA		400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	573.97	105.67
26 56 39 00-0026			Metal Halide HFL Series Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0023)</small>		
26 56 39 00-0027	EA		400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	614.26	105.67

26 Electrical**26 50 Lighting****26 56 Exterior Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 56 39 00-0028		Accessories For Lithonia Hazardous Location Flood Lights <small>(26 56 39 00-0001)</small> See CSI section 26 56 36 00-0099 for accessories.		
26 56 43		High Performance Flood Lights <small>(26 56)</small> Note: For airport aprons and parking areas.		
26 56 43 00-0001		Lithonia High Performance Flood Lights <small>(26 56 43)</small>		
26 56 43 00-0002		170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0001)</small> Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 56 43 00-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small>		
26 56 43 00-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,282.17	140.89
26 56 43 00-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,376.57	140.89
26 56 43 00-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,381.18	140.89
26 56 43 00-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	1,525.08	140.89
26 56 43 00-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small>		
26 56 43 00-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,465.21	140.89
26 56 43 00-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,401.38	140.89
26 56 43 00-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,340.88	140.89
26 56 43 00-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	1,400.75	140.89
26 56 43 00-0013		Accessories For Lithonia High Performance Flood Lights <small>(26 56 43 00-0002)</small> See CSI section 26 56 36 00-0099 for accessories.		

END OF SECTION 26

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

27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 05 Common Work Results for Communications ⁽²⁷⁾

27 05 26 Grounding and Bonding for Communications Systems ^(27 05)

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00).....	577.92	88.00
		Note: Excludes terminations.		
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00).....	746.90	117.36
		Note: Excludes terminations.		
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00).....	1,173.36	176.00
		Note: Excludes terminations.		
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit.....	7.01	1.29
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK).....	54.78	23.25
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	160.98	23.25
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	190.48	23.25
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap.....	40.34	4.31
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug.....	15.66	4.31
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug.....	16.53	4.31
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block.....	18.14	4.31

27 05 29 Hangers And Supports For Communications Systems ^(27 05)

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29)

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12).....	6.06	2.15
		For >50 To 100, Deduct	-0.26	
		For >100 To 250, Deduct	-0.52	
		For >250 To 500, Deduct	-0.99	
		For >500, Deduct	-1.47	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
		For Work In Restricted Working Space, Add	1.29	
		For Painted Powder Coated Finish, Add	0.36	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21).....	6.34	2.15
		For >50 To 100, Deduct	-0.27	
		For >100 To 250, Deduct	-0.53	
		For >250 To 500, Deduct	-1.01	
		For >500, Deduct	-1.50	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
		For Work In Restricted Working Space, Add	1.29	
		For Painted Powder Coated Finish, Add	1.25	
		For Low Friction Xylan® Coated Finish, Add	4.45	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32).....	6.76	2.15
		For >50 To 100, Deduct	-0.28	
		For >100 To 250, Deduct	-0.55	
		For >250 To 500, Deduct	-1.05	
		For >500, Deduct	-1.54	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
		For Work In Restricted Working Space, Add	1.29	
		For Painted Powder Coated Finish, Add	1.53	
		For Low Friction Xylan® Coated Finish, Add	5.53	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64).....	10.40	2.15
		For >50 To 100, Deduct	-0.37	
		For >100 To 250, Deduct	-0.74	
		For >250 To 500, Deduct	-1.32	
		For >500, Deduct	-1.90	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
		For Work In Restricted Working Space, Add	1.29	
		For Painted Powder Coated Finish, Add	0.82	
		For Low Friction Xylan® Coated Finish, Add	4.90	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0008	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB).....	6.70	2.15
		For >50 To 100, Deduct	-0.28	
		For >100 To 250, Deduct	-0.55	
		For >250 To 500, Deduct	-1.04	
		For >500, Deduct	-1.53	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
		For Work In Restricted Working Space, Add	1.29	

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers And Supports For Communications Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 05 29 00-0009	EA 1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	8.34	2.15
	For >50 To 100, Deduct	-0.32	
	For >100 To 250, Deduct	-0.63	
	For >250 To 500, Deduct	-1.16	
	For >500, Deduct	-1.70	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0010	EA 2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	9.14	2.15
	For >50 To 100, Deduct	-0.34	
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-1.22	
	For >500, Deduct	-1.78	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0011	EA 4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	12.00	2.15
	For >50 To 100, Deduct	-0.41	
	For >100 To 250, Deduct	-0.82	
	For >250 To 500, Deduct	-1.44	
	For >500, Deduct	-2.06	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.18	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0012	Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001) Note: Excludes strut.		
27 05 29 00-0013	EA 3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	7.01	2.15
	For >50 To 100, Deduct	-0.28	
	For >100 To 250, Deduct	-0.57	
	For >250 To 500, Deduct	-1.06	
	For >500, Deduct	-1.56	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0014	EA 1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	8.10	2.15
	For >50 To 100, Deduct	-0.31	
	For >100 To 250, Deduct	-0.62	
	For >250 To 500, Deduct	-1.15	
	For >500, Deduct	-1.67	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0015	EA 2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	8.67	2.15
	For >50 To 100, Deduct	-0.32	
	For >100 To 250, Deduct	-0.65	
	For >250 To 500, Deduct	-1.19	
	For >500, Deduct	-1.73	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0016	EA 4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	11.37	2.15
	For >50 To 100, Deduct	-0.39	
	For >100 To 250, Deduct	-0.78	
	For >250 To 500, Deduct	-1.39	
	For >500, Deduct	-2.00	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0017	T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001) Note: Excludes T-Bar.		
27 05 29 00-0018	EA 3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	8.21	2.15
	For >50 To 100, Deduct	-0.31	
	For >100 To 250, Deduct	-0.63	
	For >250 To 500, Deduct	-1.15	
	For >500, Deduct	-1.68	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0019	EA 1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	10.05	2.15
	For >50 To 100, Deduct	-0.36	
	For >100 To 250, Deduct	-0.72	
	For >250 To 500, Deduct	-1.29	
	For >500, Deduct	-1.87	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0020	EA 2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	10.54	2.15
	For >50 To 100, Deduct	-0.37	
	For >100 To 250, Deduct	-0.74	
	For >250 To 500, Deduct	-1.33	
	For >500, Deduct	-1.92	
	For Work In Restricted Working Space, Add	1.29	
27 05 29 00-0021	Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001) Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.		

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

27 05 29 00-0022	EA	3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6).....	6.86	2.15
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.56	
		<i>For >250 To 500, Deduct</i>	-1.05	
		<i>For >500, Deduct</i>	-1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0023	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	7.11	2.15
		<i>For >50 To 100, Deduct</i>	-0.29	
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-1.07	
		<i>For >500, Deduct</i>	-1.57	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0024	EA	2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6).....	8.39	2.15
		<i>For >50 To 100, Deduct</i>	-0.32	
		<i>For >100 To 250, Deduct</i>	-0.64	
		<i>For >250 To 500, Deduct</i>	-1.17	
		<i>For >500, Deduct</i>	-1.70	
		<i>For Work In Restricted Working Space, Add</i>	1.29	

27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.

27 05 29 00-0026	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB).....	8.25	2.15
		<i>For >50 To 100, Deduct</i>	-0.31	
		<i>For >100 To 250, Deduct</i>	-0.63	
		<i>For >250 To 500, Deduct</i>	-1.16	
		<i>For >500, Deduct</i>	-1.69	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0027	EA	2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB).....	8.85	2.15
		<i>For >50 To 100, Deduct</i>	-0.33	
		<i>For >100 To 250, Deduct</i>	-0.66	
		<i>For >250 To 500, Deduct</i>	-1.20	
		<i>For >500, Deduct</i>	-1.75	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0028	EA	4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB).....	11.83	2.15
		<i>For >50 To 100, Deduct</i>	-0.40	
		<i>For >100 To 250, Deduct</i>	-0.81	
		<i>For >250 To 500, Deduct</i>	-1.43	
		<i>For >500, Deduct</i>	-2.05	
		<i>For Work In Restricted Working Space, Add</i>	1.29	

27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

27 05 29 00-0030	EA	3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A).....	8.16	2.15
		<i>For >50 To 100, Deduct</i>	-0.31	
		<i>For >100 To 250, Deduct</i>	-0.62	
		<i>For >250 To 500, Deduct</i>	-1.15	
		<i>For >500, Deduct</i>	-1.68	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0031	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A).....	9.23	2.15
		<i>For >50 To 100, Deduct</i>	-0.34	
		<i>For >100 To 250, Deduct</i>	-0.68	
		<i>For >250 To 500, Deduct</i>	-1.23	
		<i>For >500, Deduct</i>	-1.79	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0032	EA	2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A).....	9.80	2.15
		<i>For >50 To 100, Deduct</i>	-0.35	
		<i>For >100 To 250, Deduct</i>	-0.71	
		<i>For >250 To 500, Deduct</i>	-1.27	
		<i>For >500, Deduct</i>	-1.84	
		<i>For Work In Restricted Working Space, Add</i>	1.29	
27 05 29 00-0033	EA	4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A).....	12.91	2.15
		<i>For >50 To 100, Deduct</i>	-0.43	
		<i>For >100 To 250, Deduct</i>	-0.86	
		<i>For >250 To 500, Deduct</i>	-1.51	
		<i>For >500, Deduct</i>	-2.15	
		<i>For Work In Restricted Working Space, Add</i>	1.29	

27 05 29 00-0034 Adjustable Cable Supports (Caddy® CableCat CAT425) (27 05 29)

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers And Supports For Communications Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 05 29 00-0035	EA	Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	22.29	2.84
		<i>For >50 To 100, Deduct</i>	-0.77	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-2.75	
		<i>For >500, Deduct</i>	-3.95	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	2.25	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0036	EA	Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	22.69	2.84
		<i>For >50 To 100, Deduct</i>	-0.78	
		<i>For >100 To 250, Deduct</i>	-1.56	
		<i>For >250 To 500, Deduct</i>	-2.78	
		<i>For >500, Deduct</i>	-3.99	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0037	EA	Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	24.77	2.84
		<i>For >50 To 100, Deduct</i>	-0.83	
		<i>For >100 To 250, Deduct</i>	-1.67	
		<i>For >250 To 500, Deduct</i>	-2.93	
		<i>For >500, Deduct</i>	-4.20	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0038	EA	>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	22.22	2.84
		<i>For >50 To 100, Deduct</i>	-0.77	
		<i>For >100 To 250, Deduct</i>	-1.54	
		<i>For >250 To 500, Deduct</i>	-2.74	
		<i>For >500, Deduct</i>	-3.94	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0039	EA	Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	23.19	2.84
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 250, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-2.81	
		<i>For >500, Deduct</i>	-4.04	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0040	EA	>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	24.14	2.84
		<i>For >50 To 100, Deduct</i>	-0.82	
		<i>For >100 To 250, Deduct</i>	-1.64	
		<i>For >250 To 500, Deduct</i>	-2.89	
		<i>For >500, Deduct</i>	-4.13	
		<i>For Work In Restricted Working Space, Add</i>	2.58	
27 05 29 00-0041	EA	Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	22.86	2.84
		<i>For >50 To 100, Deduct</i>	-0.79	
		<i>For >100 To 250, Deduct</i>	-1.57	
		<i>For >250 To 500, Deduct</i>	-2.79	
		<i>For >500, Deduct</i>	-4.01	
		<i>For Work In Restricted Working Space, Add</i>	2.58	

27 05 33 Conduits And Backboxes For Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays For Communications Systems ^(27 05)

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways For Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts And Raceways For Communications Systems ^(27 05)

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles For Communications Systems ^(27 05)

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification For Communications Systems ^(27 05)

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling ⁽²⁷⁾

Note: Includes testing.

27 11 Communications Equipment Room Fittings ^(27 10)**27 11 16 Communications Cabinets, Racks, Frames, And Enclosures** ^(27 11)**27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards** ^(27 11 16)

27 11 16 00-0002	EA	4' x 4' x 3/4" Fire Retardant Plywood Phone Backboard	64.58	22.35
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	40.19	
27 11 16 00-0003	EA	4' x 8' x 3/4" Fire Retardant Plywood Phone Backboard	129.15	44.71
		<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	80.38	

27 11 16 00-0004 Terminal Cabinets ^(27 11 16)

27 11 16 00-0005	EA	12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	230.46	64.48
27 11 16 00-0006	EA	18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	286.85	70.92
27 11 16 00-0007	EA	24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard	330.09	81.67
27 11 16 00-0008	EA	18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	342.36	83.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0009 EA 24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard	411.94	85.97
27 11 16 00-0010 EA 26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard	506.03	96.72
27 11 16 00-0011 EA 24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	516.22	94.56
27 11 16 00-0012 EA 30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	668.38	134.71
27 11 16 00-0013 EA 36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	716.61	148.04
27 11 16 00-0014 EA 42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard	856.64	156.38
27 11 16 00-0015 EA 30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	707.42	128.96
27 11 16 00-0016 EA 36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	765.15	139.70
27 11 16 00-0017 EA 48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	955.94	179.08
27 11 16 00-0018 EA 54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard	1,151.47	223.86
27 11 16 00-0019 EA 48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,292.54	221.37
27 11 16 00-0020 EA 60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard	1,490.73	269.34
27 11 16 00-0021 Equipment Racks And Cable Managers ^(27 11 16)		
27 11 16 00-0022 Equipment Racks ^(27 11 16 00-0021)		
Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023 Standard Equipment Racks ^(27 11 16 00-0022)		
27 11 16 00-0024 19" Width, Standard Equipment Racks ^(27 11 16 00-0023)		
27 11 16 00-0025 EA 84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)	426.00	137.55
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	7.55	
27 11 16 00-0026 EA 96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)	590.08	146.15
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	14.89	
27 11 16 00-0027 EA 108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)	637.35	154.74
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	16.39	
27 11 16 00-0028 Universal Equipment Racks ^(27 11 16 00-0022)		
27 11 16 00-0029 Universal Equipment Racks ^(27 11 16 00-0028)		
27 11 16 00-0030 19" Width, EIA Universal Equipment Racks ^(27 11 16 00-0029)		
27 11 16 00-0031 EA 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)	552.78	120.36
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	15.60	
27 11 16 00-0032 EA 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)	603.82	122.50
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	17.94	
27 11 16 00-0033 EA 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)	603.09	124.66
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	17.69	
27 11 16 00-0034 EA 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)	618.56	126.80
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	18.25	
27 11 16 00-0035 EA 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)	633.86	128.96
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	18.80	
27 11 16 00-0036 EA 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)	650.42	131.10
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	19.41	
27 11 16 00-0037 EA 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)	554.70	133.26
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	14.41	
27 11 16 00-0038 EA 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)	682.59	135.40
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	20.59	
27 11 16 00-0039 EA 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)	706.69	137.55
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	21.58	
27 11 16 00-0040 EA 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)	727.74	139.70
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	22.42	
27 11 16 00-0041 EA 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)	732.88	141.85
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	22.46	
27 11 16 00-0042 23" Width, Universal Equipment Racks ^(27 11 16 00-0029)		
27 11 16 00-0043 EA 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31)	584.80	120.36
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	17.20	
27 11 16 00-0044 EA 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20)	605.01	122.50
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	18.00	
27 11 16 00-0045 EA 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19)	622.81	124.66
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	18.68	
27 11 16 00-0046 EA 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00)	656.06	126.80
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	20.12	
27 11 16 00-0047 EA 72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01)	672.47	128.96
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	20.73	
27 11 16 00-0048 EA 78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02)	690.30	131.10
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	21.40	
27 11 16 00-0049 EA 84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03)	595.05	133.26
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	16.43	
27 11 16 00-0050 EA 90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05)	724.92	135.40
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	22.71	
27 11 16 00-0051 EA 96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15)	751.02	137.55
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	23.80	
27 11 16 00-0052 EA 102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17)	770.82	139.70
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	24.72	
27 11 16 00-0053 EA 108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08)	779.04	141.85
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	24.77	
27 11 16 00-0054 35" Width, Universal Equipment Racks ^(27 11 16 00-0029)		
27 11 16 00-0055 EA 72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01)	726.75	128.96
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	23.44	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0056	EA		84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	765.26 24.94	133.26
27 11 16 00-0057 UL Listed Universal Equipment Racks (27 11 16 00-0028)					
Note: UL listed as a communications circuit accessory.					
27 11 16 00-0058 19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)					
27 11 16 00-0059	EA		36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	583.99 17.16	120.36
27 11 16 00-0060	EA		48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	631.14 19.31	122.50
27 11 16 00-0061	EA		60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	640.81 19.58	124.66
27 11 16 00-0062	EA		66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	655.08 20.07	126.80
27 11 16 00-0063	EA		72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	671.44 20.68	128.96
27 11 16 00-0064	EA		78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	689.23 21.35	131.10
27 11 16 00-0065	EA		84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	706.32 21.99	133.26
27 11 16 00-0066	EA		90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	723.79 22.65	135.40
27 11 16 00-0067	EA		96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	749.86 23.74	137.55
27 11 16 00-0068	EA		102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	772.60 24.66	139.70
27 11 16 00-0069	EA		108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	777.76 24.70	141.85
27 11 16 00-0070 23" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)					
27 11 16 00-0071	EA		36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	619.24 18.93	120.36
27 11 16 00-0072	EA		48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	678.95 21.70	122.50
27 11 16 00-0073	EA		60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	687.61 21.92	124.66
27 11 16 00-0074	EA		66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	696.30 22.13	126.80
27 11 16 00-0075	EA		72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	713.91 22.80	128.96
27 11 16 00-0076	EA		78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	733.12 23.55	131.10
27 11 16 00-0077	EA		84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	751.50 24.25	133.26
27 11 16 00-0078	EA		90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	770.32 24.98	135.40
27 11 16 00-0079	EA		96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	798.60 26.18	137.55
27 11 16 00-0080	EA		102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	823.27 27.19	139.70
27 11 16 00-0081	EA		108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	828.65 27.25	141.85
27 11 16 00-0082 4-Post Equipment Racks And Server Frames (27 11 16 00-0022)					
27 11 16 00-0083 4-Post Equipment Racks (27 11 16 00-0082)					
27 11 16 00-0084	EA		19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,179.78 37.50	214.92
27 11 16 00-0085	EA		19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,287.99 42.05	223.52
27 11 16 00-0086	EA		19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,390.06 46.29	232.12
27 11 16 00-0087 4-Post Server Frame (27 11 16 00-0082)					
27 11 16 00-0088	EA		19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,212.77 39.15	214.92
27 11 16 00-0089 Cable Managers (27 11 16 00-0021)					
27 11 16 00-0090 Horizontal Cable Managers (27 11 16 00-0089)					
27 11 16 00-0091 Single-Sided, Horizontal Cable Managers (27 11 16 00-0090)					
27 11 16 00-0092	EA		1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719).....	68.24	8.60
27 11 16 00-0093	EA		1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723).....	75.98	8.60
27 11 16 00-0094	EA		1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701).....	56.98	8.60
27 11 16 00-0095	EA		2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719).....	69.40	8.60
27 11 16 00-0096	EA		2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723).....	81.39	8.60
27 11 16 00-0097	EA		2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702).....	63.10	8.60
27 11 16 00-0098	EA		3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719).....	93.55	8.60
27 11 16 00-0099	EA		3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723).....	106.48	8.60
27 11 16 00-0100	EA		3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703).....	75.34	8.60

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 11 16 00-0101	Double-Sided, Horizontal Cable Managers <small>(27 11 16 00-0090)</small>		
27 11 16 00-0102	EA 1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	84.74	8.60
27 11 16 00-0103	EA 1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	94.94	8.60
27 11 16 00-0104	EA 2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	89.16	8.60
27 11 16 00-0105	EA 2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	103.77	8.60
27 11 16 00-0106	EA 3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	115.35	8.60
27 11 16 00-0107	EA 3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	129.17	8.60
27 11 16 00-0108	Vertical Cable Managers <small>(27 11 16 00-0089)</small>		
27 11 16 00-0109	Single-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0110	EA 3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	152.79	12.90
27 11 16 00-0111	EA 6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	215.52	12.90
27 11 16 00-0112	EA 10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	347.10	12.90
27 11 16 00-0113	EA 12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	393.00	12.90
27 11 16 00-0114	EA 3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	163.50	12.90
27 11 16 00-0115	EA 6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	232.35	12.90
27 11 16 00-0116	EA 10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	377.70	12.90
27 11 16 00-0117	EA 12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	423.60	12.90
27 11 16 00-0118	EA 3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	184.92	12.90
27 11 16 00-0119	EA 6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	255.30	12.90
27 11 16 00-0120	EA 10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	423.60	12.90
27 11 16 00-0121	EA 12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	469.50	12.90
27 11 16 00-0122	Double-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0123	EA 3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	221.64	12.90
27 11 16 00-0124	EA 6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	261.42	12.90
27 11 16 00-0125	EA 10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	423.60	12.90
27 11 16 00-0126	EA 12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	500.10	12.90
27 11 16 00-0127	EA 3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	240.00	12.90
27 11 16 00-0128	EA 6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	279.78	12.90
27 11 16 00-0129	EA 10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	454.20	12.90
27 11 16 00-0130	EA 12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	530.70	12.90
27 11 16 00-0131	EA 3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	264.48	12.90
27 11 16 00-0132	EA 6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	304.26	12.90
27 11 16 00-0133	EA 10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	500.10	12.90
27 11 16 00-0134	EA 12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	576.60	12.90
27 11 16 00-0135	Accessories For Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0136	EA Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	93.70	8.60
27 11 16 00-0137	EA Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	99.82	8.60
27 11 16 00-0138	EA Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	105.94	8.60
27 11 16 00-0139	EA Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	96.76	8.60
27 11 16 00-0140	EA Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	105.94	8.60
27 11 16 00-0141	EA Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	115.12	8.60
27 11 16 00-0142	EA Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	109.00	8.60
27 11 16 00-0143	EA Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	118.18	8.60
27 11 16 00-0144	EA Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	127.36	8.60
27 11 16 00-0145	EA Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	115.12	8.60
27 11 16 00-0146	EA Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	127.36	8.60
27 11 16 00-0147	EA Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	136.54	8.60
27 11 16 00-0148	EA Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	78.40	8.60
27 11 16 00-0149	EA Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	90.64	8.60
27 11 16 00-0150	EA Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	94.77	8.60
27 11 16 00-0151	EA Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	60.04	8.60
27 11 19	Communications Termination Blocks And Patch Panels <small>(27 11)</small>		
Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 27 14 43 00-0074 for labeling.			
27 11 19 00-0001	Computer Network Components <small>(27 11 19)</small>		
27 11 19 00-0002	Ethernet Patch Panels <small>(27 11 19 00-0001)</small>		
27 11 19 00-0003	EA 12 Port, Category 5E Patch Panel	176.24	42.98
27 11 19 00-0004	EA 24 Port, Category 5E Patch Panel	253.26	42.98
27 11 19 00-0005	EA 32 Port, Category 5E Patch Panel	326.13	42.98
27 11 19 00-0006	EA 48 Port, Category 5E Patch Panel	394.04	42.98
27 11 19 00-0007	EA 64 Port, Category 5E Patch Panel	543.87	53.74
27 11 19 00-0008	EA 96 Port, Category 5E Patch Panel	721.92	64.48
27 11 19 00-0009	EA 12 Port, Category 6 Patch Panel	210.19	42.98
27 11 19 00-0010	EA 24 Port, Category 6 Patch Panel	258.23	42.98
27 11 19 00-0011	EA 48 Port, Category 6 Patch Panel	430.48	42.98
27 11 19 00-0012	EA 96 Port, Category 6 Patch Panel	791.48	64.48
27 11 19 00-0013	EA Up To 5 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	30.46	
27 11 19 00-0014	EA >5 To 10 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	25.38	
27 11 19 00-0015	EA >10 Cables, Terminate One End Of A 4 Pair Cable To Category "X" Specifications	15.23	
27 11 19 00-0016	EA Up To 20 Pairs, Terminate One End Of A Twisted Pair Of Wires	8.38	
27 11 19 00-0017	EA >20 To 40 Pairs, Terminate One End Of A Twisted Pair Of Wires	6.99	
27 11 19 00-0018	EA >40 Pairs, Terminate One End Of A Twisted Pair Of Wires	4.19	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 11 19 00-0019		Fiber Optic Cable Patch Panels And Enclosures (27 11 19 00-0001)		
27 11 19 00-0020		Fiber Optic Cable Connector Housings (27 11 19 00-0019)		
27 11 19 00-0021		Wall Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0020)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0022	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	94.02	19.34
27 11 19 00-0023	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	137.09	19.34
27 11 19 00-0024	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	200.81	19.34
27 11 19 00-0025	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	297.57	32.24
27 11 19 00-0026	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing	411.02	32.24
27 11 19 00-0027		Rack Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0020)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0028	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	309.20	32.24
27 11 19 00-0029	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	352.45	32.24
27 11 19 00-0030	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	378.91	32.24
27 11 19 00-0031	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing	442.84	32.24
27 11 19 00-0032		Rack Mount, Fiber Optic Cable Pretium® Connector Housings (27 11 19 00-0020)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0033	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	383.33	32.24
		For Splice Tray Bracket, Add	40.02	
27 11 19 00-0034	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	447.67	32.24
		For Splice Tray Bracket, Add	43.76	
27 11 19 00-0035	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing	556.11	32.24
		For Splice Tray Bracket, Add	159.42	
27 11 19 00-0036		Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings (27 11 19 00-0020)		
		Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0037	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	484.30	32.24
27 11 19 00-0038	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	616.98	32.24
27 11 19 00-0039	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	697.41	32.24
27 11 19 00-0040	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing	902.53	32.24
27 11 19 00-0041		Wall Mount, Fiber Optic Cable Industrial Connector Housings (27 11 19 00-0020)		
		Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0042	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	430.00	19.34
27 11 19 00-0043	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	596.20	32.24
27 11 19 00-0044	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing	625.25	32.24
27 11 19 00-0045		Wall Mount, Fiber Optic Cable Environmental Connector Housings (27 11 19 00-0020)		
		Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0049 for connector panels.		
27 11 19 00-0046	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	450.08	19.34
27 11 19 00-0047	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	595.85	32.24
27 11 19 00-0048	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	698.62	32.24
27 11 19 00-0049		Fiber Optic Cable Connector Panels (27 11 19 00-0019)		
27 11 19 00-0050		SC Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0049)		
27 11 19 00-0051	EA	6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	59.60	4.30
27 11 19 00-0052	EA	6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	64.59	4.30
27 11 19 00-0053	EA	8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	72.32	4.30
27 11 19 00-0054	EA	8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	78.97	4.30
27 11 19 00-0055	EA	12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel	97.79	4.30
27 11 19 00-0056	EA	12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	107.73	4.30
27 11 19 00-0057		SC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0049)		
27 11 19 00-0058	EA	6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	57.39	4.30
27 11 19 00-0059	EA	6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	58.56	4.30
27 11 19 00-0060	EA	8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	69.40	4.30
27 11 19 00-0061	EA	8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	70.96	4.30
27 11 19 00-0062	EA	12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	93.41	4.30
27 11 19 00-0063	EA	12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	95.73	4.30
27 11 19 00-0064		LC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0049)		
27 11 19 00-0065	EA	6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	61.89	4.30
27 11 19 00-0066	EA	6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	67.77	4.30
27 11 19 00-0067	EA	8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel	75.38	4.30
27 11 19 00-0068	EA	8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	83.22	4.30

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	27 11 19 00-0069	EA		12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	102.38	4.30
	27 11 19 00-0070	EA		12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	114.12	4.30
	27 11 19 00-0071	EA		16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	129.38	4.30
	27 11 19 00-0072	EA		16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	145.02	4.30
	27 11 19 00-0073	EA		24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	183.35	4.30
	27 11 19 00-0074	EA		24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel.....	188.80	4.30
27 11 19 00-0075				ST Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0049)		
	27 11 19 00-0076	EA		6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	49.73	4.30
	27 11 19 00-0077	EA		6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	53.50	4.30
	27 11 19 00-0078	EA		8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	59.17	4.30
	27 11 19 00-0079	EA		8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	64.20	4.30
	27 11 19 00-0080	EA		12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel.....	78.04	4.30
	27 11 19 00-0081	EA		12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	85.59	4.30
27 11 19 00-0082				MT-RJ, Fiber Optic Cable Connector Panels (27 11 19 00-0049)		
	27 11 19 00-0083	EA		12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel.....	61.54	4.30
	27 11 19 00-0084	EA		12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel.....	91.53	4.30
27 11 19 00-0085				Fiber Optic Cable Pretium Edge® Modules (27 11 19 00-0049)		
	27 11 19 00-0086	EA		12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	521.50	4.30
	27 11 19 00-0087	EA		12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	523.31	4.30
27 11 19 00-0088				Fiber Optic Cable Splice Housings (27 11 19 00-0019)		
27 11 19 00-0089				Wall Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0088)		
				Note: Includes mounting hardware. Excludes splice trays.		
	27 11 19 00-0090	EA		12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door.....	219.58	42.98
27 11 19 00-0091				Rack Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0088)		
				Note: Includes mounting hardware. Excludes splice trays.		
	27 11 19 00-0092	EA		12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	320.43	32.24
	27 11 19 00-0093	EA		22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing.....	325.12	32.24
27 11 19 00-0094				Fiber Optic Cable Splice Trays (27 11 19 00-0088)		
	27 11 19 00-0095	EA		Fiber Optic Cable Splice Tray.....	62.38	10.74
27 11 19 00-0096				Fiber Optic Cable Jumper Management Panels (27 11 19 00-0019)		
				Note: Includes mounting hardware.		
	27 11 19 00-0097	EA		Rack Mount, Fiber Optic Cable Jumper Management Panel.....	124.22	32.24
27 11 19 00-0098				Miscellaneous Accessories (27 11 19 00-0001)		
	27 11 19 00-0099	EA		Wall Mount Bracket For 12 Or 24 Port Patch Panel.....	45.73	
	27 11 19 00-0100	EA		Wall Mount Bracket For 32 Or 48 Port Patch Panel.....	60.54	
	27 11 19 00-0101	EA		Wall Mount Bracket For 64 Or 72 Port Patch Panel.....	66.34	
	27 11 19 00-0102	EA		Wall Mount Bracket For 96 Port Patch Panel.....	74.04	
	27 11 19 00-0103	EA		Lightning Protection Plus Stainless Steel Modules, Siemon.....	289.04	42.98
27 11 19 00-0104				Telephone Components (27 11 19)		
27 11 19 00-0105				Terminal Blocks With Wide Range Of 22-8 AWG (27 11 19 00-0104)		
	27 11 19 00-0106	EA		Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG.....	23.30	8.61
	27 11 19 00-0107	EA		Terminal Block, Fuse Holder 600 Volt, 6.3 Amp With Wire Range 22-8 AWG.....	39.96	8.61
	27 11 19 00-0108	EA		Terminal Block, Fuse Holder 600 Volt, 10 Amp With Wire Range 22-8 AWG.....	33.14	8.61
	27 11 19 00-0109	EA		Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG.....	18.71	8.61
	27 11 19 00-0110	EA		Flat Terminal Block Connection With Wire Range 22-8 AWG.....	13.32	6.02
	27 11 19 00-0111	EA		Ground Terminal Block With Wire Range 22-8 AWG.....	24.02	8.61
	27 11 19 00-0112	EA		Terminal Block, Solderless Box With Lug 600 Volt, 60 Amp With Wire Range 22-8 AWG.....	18.71	8.61
	27 11 19 00-0113	EA		Terminal Block, Mini Box Lug 300 Volt, 30 Amp With Wire Range 22-8 AWG.....	13.21	6.02
	27 11 19 00-0114	EA		Flat Terminal Block Connection 300 Volt, 20 Amp With Wire Range 22-8 AWG.....	13.14	6.02
	27 11 19 00-0115	EA		Self Lifting Terminal Block, 300 Volt, 40 Amp Wire Connection With Wire Range 22-12 AWG.....	13.47	6.02
27 11 19 00-0116				Terminal Block Mounting Channel (27 11 19 00-0104)		
	27 11 19 00-0117	EA		Terminal Block Mounting Channel, .5 M Galvanized Steel.....	12.18	4.31
	27 11 19 00-0118	EA		Terminal Block Mounting Channel, 1 M Galvanized Steel.....	15.09	4.31
	27 11 19 00-0119	EA		Terminal Block Mounting Channel, 2 M Galvanized Steel.....	20.16	4.31
	27 11 19 00-0120	EA		Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc.....	15.25	5.17
	27 11 19 00-0121	EA		Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc.....	20.06	5.17
	27 11 19 00-0122	EA		Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc.....	27.85	5.17
27 11 19 00-0123				Outlet Termination Hardware (27 11 19 00-0104)		
	27 11 19 00-0124	EA		Telephone Outlet Blocks.....	21.21	4.31

27 Communications
27 10 Structured Cabling
27 11 Communications Equipment Room Fittings

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

27 11 19 00-0125	EA	Phone Outlet Block For Floor Box..... Note: Excludes box.	70.57	32.67
27 11 19 00-0126	EA	Fiber Optic "SC" Type Modular Bulkhead.....	56.74	19.34
27 11 19 00-0127	EA	Fiber Optic "ST" Type Modular Bulkhead.....	56.74	19.34
27 11 19 00-0128	EA	Type "F" Coaxial Connector Male.....	34.08	12.90
27 11 19 00-0129	EA	Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	81.36	21.50
27 11 19 00-0130	EA	Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	81.36	21.50
27 11 19 00-0131	EA	Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector.....	95.66	21.50
27 11 19 00-0132	EA	Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector.....	95.66	21.50
27 11 19 00-0133	EA	Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector.....	88.14	21.50
27 11 19 00-0134	EA	Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5.....	720.67	107.46
27 11 19 00-0135	EA	Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V..... Note: Excludes cable terminations.	38.85	8.60
27 11 19 00-0136	EA	Connecting Block, 5-Pair.....	2.43	0.86
27 11 19 00-0137	EA	Connecting Block, 4-Pair.....	2.37	0.86
27 11 19 00-0138	EA	Plastic Label Holder, Transparent.....	9.98	2.14
27 11 19 00-0139	EA	Marked Label, White, 5-Pair.....	2.82	
27 11 19 00-0140	EA	Marked Label, Blue, 4-Pair.....	2.82	

27 11 19 00-0141 Terminations in Manhole or Junction Box (27 11 19 00-0104)

27 11 19 00-0142	EA	25 Pair Cable Termination In Manhole Or Junction Box.....	137.55	
27 11 19 00-0143	EA	50 Pair Cable Termination In Manhole Or Junction Box.....	275.10	
27 11 19 00-0144	EA	100 Pair Cable Termination In Manhole Or Junction Box.....	550.21	
27 11 19 00-0145	EA	150 Pair Cable Termination In Manhole Or Junction Box.....	825.30	
27 11 19 00-0146	EA	200 Pair Cable Termination In Manhole Or Junction Box.....	965.43	
27 11 19 00-0147	EA	300 Pair Cable Termination In Manhole Or Junction Box.....	1,447.72	
27 11 19 00-0148	EA	400 Pair Cable Termination In Manhole Or Junction Box.....	1,820.83	
27 11 19 00-0149	EA	500 Pair Cable Termination In Manhole Or Junction Box.....	2,276.47	
27 11 19 00-0150	EA	750 Pair Cable Termination In Manhole Or Junction Box.....	3,414.68	
27 11 19 00-0151	EA	1,000 Pair Cable Termination In Manhole Or Junction Box.....	4,141.10	
27 11 19 00-0152	EA	1,200 Pair Cable Termination In Manhole Or Junction Box.....	4,719.75	

27 11 23 Communications Cable Management and Ladder Rack (27 11)

27 11 23 00-0001 Equipment Supports (27 11 23)

27 11 23 00-0002	EA	110 Jumper Trough (Commscope 107831133).....	24.48	4.30
27 11 23 00-0003	LF	Velcro CMP.....	2.06	0.86
27 11 23 00-0004	EA	12" x 5'-11" Tubular Runway.....	73.45	20.63
27 11 23 00-0005	EA	12" x 9'-11" Tubular Runway.....	126.78	34.38
27 11 23 00-0006	EA	Shelf Bracket Support For Tubular Runway.....	23.36	6.44
27 11 23 00-0007	EA	Straight Clamp Hardware For Tubular Runway.....	10.76	4.30
27 11 23 00-0008	EA	Corner Clamp Hardware For Tubular Runway.....	11.30	4.30
27 11 23 00-0009	EA	90 Degree Edge Clamp Hardware For Tubular Runway.....	24.85	7.74
27 11 23 00-0010	EA	Wall Angle Assembly Hardware For 12" Wide Tubular Runway.....	51.15	12.90
27 11 23 00-0011	EA	J-Bolt Hardware For Tubular Runway.....	4.96	1.89
27 11 23 00-0012	EA	T Bracket Hardware For Tubular Runway.....	27.25	10.74

27 14 Communications Cabling (27 10)

27 14 13 Communications Copper Cabling (27 14)

27 14 13 13 Communications Copper Cable Splicing and Terminations (27 14 13)

27 14 13 13-0001 Modular Plugs For Copper Communications Cable (27 14 13 13)

27 14 13 13-0002	EA	Modular Plug For Non-Shielded Copper Communications Cable..... Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.	19.26	
		For >5 To 10, Deduct	-2.57	
		For >10, Deduct	-5.15	
27 14 13 13-0003	EA	Modular Plug For Shielded Copper Communications Cable..... Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.	21.84	
		For >5 To 10, Deduct	-2.90	
		For >10, Deduct	-5.79	

27 14 13 13-0004 Communications Termination Blocks (27 14 13 13)

27 14 13 13-0005	EA	100-Pair, 110 Block With Legs.....	37.07	10.74
27 14 13 13-0006	EA	300-Pair, 110 Block With Legs.....	58.13	10.74
27 14 13 13-0007	EA	Clear Label Holder For 110 Wiring Block.....	10.75	4.30
27 14 13 13-0008	EA	4-Pair, 110C Connecting Block.....	4.95	2.14
27 14 13 13-0009	EA	5-Pair, 110C Connecting Block.....	5.05	2.14
27 14 13 13-0010	EA	100-Pair, 110 Jack Panel System..... Note: Includes twelve 8-pin modular jacks and mounting legs.	165.66	12.90
27 14 13 13-0011	EA	300-Pair, 110 Jack Panel System..... Note: Includes twelve 8-pin modular jacks and mounting legs.	421.38	12.90

27 14 13 13-0012 Testing And Certification Of Copper Communications Cable (27 14 13 13)

27 14 13 13-0013	PR	Test 1-Pair Of A Copper Communications Cable For Continuity..... Note: Use for existing systems.	4.30	
		For >25-Pair, Deduct	-1.72	
27 14 13 13-0014	PR	Certify 1-Pair Of A Copper Communications Cable.....	6.44	
		For >25-Pair, Deduct	-2.57	

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

27 14 13 13-0015	PR		Certify And Document 1-Pair Of A Copper Communications Cable <i>For >25-Pair, Deduct</i>	10.31 -4.12	
27 14 13 13-0016	PR		Test 4-Pair Cat 5-7 Telecommunications Cable For Continuity <i>For >25-Pair, Deduct</i>	17.20 -6.86	
27 14 13 13-0017	PR		Certify 4-Pair Cat 5-7 Telecommunications Cable <i>For >25-Pair, Deduct</i>	25.80 -10.30	
27 14 13 13-0018	PR		Certify And Document 4-Pair Cat 5-7 Telecommunications Cable <i>For >25-Pair, Deduct</i>	41.27 -16.47	

27 14 13 13-0019 Building Entrance Terminals (27 14 13 13)

27 14 13 13-0020	EA		25 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,385.02	188.63
27 14 13 13-0021	EA		50 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	1,893.76	314.38
27 14 13 13-0022	EA		100 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	2,726.45	503.40

27 14 13 16 Communications Copper Cabling (27 14 13)
27 14 13 16-0001 Copper Telecommunications Cable (27 14 13 16)
27 14 13 16-0002 Indoor Telecommunications Cable (27 14 13 16-0001)

Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Telecommunications cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. Shielded twisted pair cables (STP) include a metallic foil wrap. Un-shielded twisted pair cables (UTP) exclude any shielding.

27 14 13 16-0003 Category 3, Indoor Telecommunications Cable (27 14 13 16-0002)

Note: Un-shielded twisted pair cables (UTP).

27 14 13 16-0004 Category 3, Indoor Telecommunications Riser Cable (27 14 13 16-0003)
27 14 13 16-0005 24 AWG, Category 3, Indoor Telecommunications Riser Cable (27 14 13 16-0004)
27 14 13 16-0006 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 14 13 16-0005)

27 14 13 16-0007	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	682.64	361.07
27 14 13 16-0008	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	717.04	361.07
27 14 13 16-0009	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	729.08	361.07
27 14 13 16-0010	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	883.85	412.65
27 14 13 16-0011	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,136.72	412.65
27 14 13 16-0012	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,539.24	412.65
27 14 13 16-0013	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,471.50	515.81
27 14 13 16-0014	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	4,480.44	825.31
27 14 13 16-0015	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	6,090.44	928.47
27 14 13 16-0016	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	8,118.44	1,031.64
27 14 13 16-0017	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	11,881.88	1,444.29
27 14 13 16-0018	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	15,586.89	1,784.72
27 14 13 16-0019	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	24,302.49	2,475.92
27 14 13 16-0020	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	39,395.17	4,951.83
27 14 13 16-0021	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	53,498.73	7,427.76

27 14 13 16-0022 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed (27 14 13 16-0005)

27 14 13 16-0023	MLF	2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,284.42	722.14
27 14 13 16-0024	MLF	3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,318.82	722.14
27 14 13 16-0025	MLF	4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,330.86	722.14
27 14 13 16-0026	MLF	6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,399.67	722.14
27 14 13 16-0027	MLF	12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,652.54	722.14
27 14 13 16-0028	MLF	25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,227.00	825.31
27 14 13 16-0029	MLF	50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	3,331.20	1,031.64
27 14 13 16-0030	MLF	100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	5,168.19	1,237.96
27 14 13 16-0031	MLF	150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	6,864.17	1,392.70
27 14 13 16-0032	MLF	200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	8,978.13	1,547.45
27 14 13 16-0033	MLF	300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	13,085.45	2,166.42
27 14 13 16-0034	MLF	400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	17,082.75	2,682.25
27 14 13 16-0035	MLF	600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	26,365.75	3,713.88
27 14 13 16-0036	MLF	900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	43,521.70	7,427.76
27 14 13 16-0037	MLF	1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	59,688.52	11,141.64

27 14 13 16-0038 22 AWG, Category 3, Indoor Telecommunications Riser Cable (27 14 13 16-0004)
27 14 13 16-0039 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 14 13 16-0038)

27 14 13 16-0040	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,500.30	412.65
27 14 13 16-0041	MLF	50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	3,737.03	515.81
27 14 13 16-0042	MLF	100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	6,839.83	825.31
27 14 13 16-0043	MLF	200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	12,204.90	1,031.64
27 14 13 16-0044	MLF	300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	18,053.87	1,444.29
27 14 13 16-0045	MLF	400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	23,528.21	1,784.72
27 14 13 16-0046	MLF	600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	34,727.29	2,475.92

27 14 13 16-0047 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed (27 14 13 16-0038)

27 14 13 16-0048	MLF	25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	3,188.06	825.31
------------------	-----	---	----------	--------

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 14 13 16-0049	MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	4,596.73	1,031.64
27 14 13 16-0050	MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	7,527.58	1,237.96
27 14 13 16-0051	MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	13,064.59	1,547.45
27 14 13 16-0052	MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	19,257.44	2,166.42
27 14 13 16-0053	MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	25,024.07	2,682.25
27 14 13 16-0054	MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	36,790.55	3,713.88
27 14 13 16-0055	Category 3, Indoor Telecommunications Plenum Cable (27 14 13 16-0003)		
27 14 13 16-0056	24 AWG, Category 3, Indoor Telecommunications Plenum Cable (27 14 13 16-0055)		
27 14 13 16-0057	24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit (27 14 13 16-0056)		
27 14 13 16-0058	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	705.01	361.07
27 14 13 16-0059	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	739.40	361.07
27 14 13 16-0060	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	763.49	361.07
27 14 13 16-0061	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	919.98	412.65
27 14 13 16-0062	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,183.16	412.65
27 14 13 16-0063	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,900.47	412.65
27 14 13 16-0064	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	3,195.70	515.81
27 14 13 16-0065	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	6,049.23	825.31
27 14 13 16-0066	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	10,509.50	1,031.64
27 14 13 16-0067	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	15,760.87	1,444.29
27 14 13 16-0068	24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed (27 14 13 16-0056)		
27 14 13 16-0069	MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,306.79	722.14
27 14 13 16-0070	MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,341.18	722.14
27 14 13 16-0071	MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,365.27	722.14
27 14 13 16-0072	MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,435.80	722.14
27 14 13 16-0073	MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,698.98	722.14
27 14 13 16-0074	MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	2,588.23	825.31
27 14 13 16-0075	MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	4,055.40	1,031.64
27 14 13 16-0076	MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	6,736.98	1,237.96
27 14 13 16-0077	MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	11,369.19	1,547.45
27 14 13 16-0078	MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed.....	16,964.44	2,166.42
27 14 13 16-0079	Category 5E, Indoor Telecommunications Cable (27 14 13 16-0002)		
27 14 13 16-0080	Category 5E, Indoor Telecommunications Riser Cable (27 14 13 16-0079)		
27 14 13 16-0081	Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit (27 14 13 16-0080)		
27 14 13 16-0082	MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	791.01	361.07
27 14 13 16-0083	MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	835.45	361.07
27 14 13 16-0084	MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	922.28	412.65
27 14 13 16-0085	MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	966.99	412.65
27 14 13 16-0086	Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed (27 14 13 16-0080)		
27 14 13 16-0087	MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,392.79	722.14
27 14 13 16-0088	MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,437.23	722.14
27 14 13 16-0089	MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,610.04	825.31
27 14 13 16-0090	MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,654.75	825.31
27 14 13 16-0091	Category 5E, Indoor Telecommunications Plenum Cable (27 14 13 16-0079)		
27 14 13 16-0092	Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit (27 14 13 16-0091)		
27 14 13 16-0093	MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	938.94	361.07
27 14 13 16-0094	MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,356.19	412.65
27 14 13 16-0095	Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed (27 14 13 16-0091)		
27 14 13 16-0096	MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed	1,540.72	722.14
27 14 13 16-0097	MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed.....	2,043.95	825.31
27 14 13 16-0098	Category 6, Indoor Telecommunications Cable (27 14 13 16-0002)		
27 14 13 16-0099	Category 6, Indoor Telecommunications Riser Cable (27 14 13 16-0098)		
27 14 13 16-0100	Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit (27 14 13 16-0099)		
27 14 13 16-0101	MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	901.10	361.07
27 14 13 16-0102	MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	934.56	361.07
27 14 13 16-0103	Category 6, Indoor Telecommunications Riser Cable, Installed Exposed (27 14 13 16-0099)		
27 14 13 16-0104	MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,502.88	722.14
27 14 13 16-0105	MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,536.34	722.14

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

27 14 13 16-0106				Category 6, Indoor Telecommunications Plenum Cable <small>(27 14 13 16-0098)</small>		
27 14 13 16-0107				Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 14 13 16-0106)</small>		
27 14 13 16-0108	MLF			4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,210.73	361.07
27 14 13 16-0109				Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 14 13 16-0108)</small>		
27 14 13 16-0110	MLF			4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,812.51	722.14
27 14 13 16-0111				Category 6a, Indoor Telecommunications Cable <small>(27 14 13 16-0002)</small>		
27 14 13 16-0112				Category 6a, Indoor Telecommunications Riser Cable <small>(27 14 13 16-0111)</small>		
27 14 13 16-0113				Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 14 13 16-0112)</small>		
27 14 13 16-0114	MLF			4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed In Conduit	954.57	361.07
27 14 13 16-0115				Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 14 13 16-0112)</small>		
27 14 13 16-0116	MLF			4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed	1,556.35	722.14
27 14 13 16-0117				Category 6a, Indoor Telecommunications Plenum Cable <small>(27 14 13 16-0111)</small>		
27 14 13 16-0118				Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 14 13 16-0117)</small>		
27 14 13 16-0119	MLF			4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,369.00	361.07
27 14 13 16-0120				Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 14 13 16-0117)</small>		
27 14 13 16-0121	MLF			4-Pair Solid UTP, 23 AWG, Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed.....	1,970.78	722.14
27 14 13 16-0122				Category 7, Indoor Telecommunications Cable <small>(27 14 13 16-0002)</small>		
27 14 13 16-0123				Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0122)</small>		
27 14 13 16-0124	MLF			4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,047.73	412.65
27 14 13 16-0125	MLF			4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,007.54	412.65
27 14 13 16-0126				Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(27 14 13 16-0122)</small>		
27 14 13 16-0127	MLF			4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,735.49	825.31
27 14 13 16-0128	MLF			4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed.....	4,695.30	825.31
27 14 13 16-0129				Outdoor Telecommunications Cable <small>(27 14 13 16-0001)</small> Note: Telecommunications cable installed in conduit includes pull wires and installation in conduit, innerduct, etc. Telecommunications cable buried in trench excludes excavation.		
27 14 13 16-0130				PE-89 Outdoor Telecommunications Cable <small>(27 14 13 16-0129)</small> Note: Includes foam-skin polyolefin insulated conductors.		
27 14 13 16-0131				24 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 14 13 16-0130)</small>		
27 14 13 16-0132				24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0131)</small>		
27 14 13 16-0133	MLF			6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,523.88	722.14
27 14 13 16-0134	MLF			12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,659.36	722.14
27 14 13 16-0135	MLF			25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,951.22	722.14
27 14 13 16-0136	MLF			50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,507.22	722.14
27 14 13 16-0137	MLF			75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,059.85	722.14
27 14 13 16-0138	MLF			100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,613.77	722.14
27 14 13 16-0139	MLF			200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,120.97	928.47
27 14 13 16-0140	MLF			300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,979.58	1,341.12
27 14 13 16-0141	MLF			400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,880.31	1,753.77
27 14 13 16-0142	MLF			600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,127.61	2,372.76
27 14 13 16-0143	MLF			900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	26,244.55	4,745.51
27 14 13 16-0144	MLF			1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	36,282.22	7,015.11
27 14 13 16-0145				24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench <small>(27 14 13 16-0131)</small>		
27 14 13 16-0146	MLF			6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,265.97	
27 14 13 16-0147	MLF			12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,401.45	
27 14 13 16-0148	MLF			25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,693.31	
27 14 13 16-0149	MLF			50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,249.31	
27 14 13 16-0150	MLF			75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,801.94	
27 14 13 16-0151	MLF			100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,355.86	
27 14 13 16-0152	MLF			200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,949.03	
27 14 13 16-0153	MLF			300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,463.77	
27 14 13 16-0154	MLF			400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	10,805.69	
27 14 13 16-0155	MLF			600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,236.28	

27 Communications

27 10 Structured Cabling

27 14 Communications Cabling



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0156	MLF		900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	21,086.40	
27 14 13 16-0157	MLF		1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	28,716.90	
27 14 13 16-0158			22 AWG, PE-89 Outdoor Telecommunications Cable (27 14 13 16-0130)		
27 14 13 16-0159			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 14 13 16-0158)		
27 14 13 16-0160	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,610.01	722.14
27 14 13 16-0161	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,820.28	722.14
27 14 13 16-0162	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,280.60	722.14
27 14 13 16-0163	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,093.49	722.14
27 14 13 16-0164	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,976.03	722.14
27 14 13 16-0165	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,859.29	722.14
27 14 13 16-0166	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,523.75	928.47
27 14 13 16-0167	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	12,406.43	1,341.12
27 14 13 16-0168	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	16,500.00	1,753.77
27 14 13 16-0169	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	24,195.03	2,372.76
27 14 13 16-0170	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	36,433.04	4,745.51
27 14 13 16-0171	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	51,525.13	7,015.11
27 14 13 16-0172			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 14 13 16-0158)		
27 14 13 16-0173	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,352.10	
27 14 13 16-0174	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	1,562.37	
27 14 13 16-0175	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	2,022.69	
27 14 13 16-0176	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	2,835.58	
27 14 13 16-0177	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	3,718.12	
27 14 13 16-0178	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	4,601.38	
27 14 13 16-0179	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	8,351.81	
27 14 13 16-0180	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	11,890.62	
27 14 13 16-0181	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	15,425.38	
27 14 13 16-0182	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	22,303.70	
27 14 13 16-0183	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	31,274.89	
27 14 13 16-0184	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	43,959.81	
27 14 13 16-0185			19 AWG, PE-89 Outdoor Telecommunications Cable (27 14 13 16-0130)		
27 14 13 16-0186			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 14 13 16-0185)		
27 14 13 16-0187	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,296.03	722.14
27 14 13 16-0188	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	5,078.33	722.14
27 14 13 16-0189	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	7,506.68	722.14
27 14 13 16-0190	MLF		100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,790.67	722.14
27 14 13 16-0191			19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 14 13 16-0185)		
27 14 13 16-0192	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	3,038.12	
27 14 13 16-0193	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	4,820.42	
27 14 13 16-0194	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	7,248.77	
27 14 13 16-0195	MLF		100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench.....	8,532.76	
27 14 13 16-0196			PE-39 Outdoor Telecommunications Cable (27 14 13 16-0129) Note: Includes solid polyolefin insulated conductors.		
27 14 13 16-0197			24 AWG, PE-39 Outdoor Telecommunications Cable (27 14 13 16-0196)		
27 14 13 16-0198			24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (27 14 13 16-0197)		
27 14 13 16-0199	MLF		6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,535.99	722.14
27 14 13 16-0200	MLF		12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,701.74	722.14
27 14 13 16-0201	MLF		25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,036.13	722.14
27 14 13 16-0202	MLF		50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,638.30	722.14
27 14 13 16-0203	MLF		100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,859.60	722.14
27 14 13 16-0204	MLF		200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	6,683.18	928.47
27 14 13 16-0205	MLF		300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,746.46	1,341.12
27 14 13 16-0206	MLF		400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,814.75	1,753.77
27 14 13 16-0207	MLF		600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	17,491.96	2,372.76
27 14 13 16-0208	MLF		900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	28,008.99	4,745.51
27 14 13 16-0209	MLF		1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,858.45	7,015.11
27 14 13 16-0210			24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench (27 14 13 16-0197)		
27 14 13 16-0211	MLF		6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,278.08	
27 14 13 16-0212	MLF		12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	1,443.83	
27 14 13 16-0213	MLF		25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	1,778.22	
27 14 13 16-0214	MLF		50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	2,380.39	
27 14 13 16-0215	MLF		100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	3,601.69	
27 14 13 16-0216	MLF		200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	6,511.24	
27 14 13 16-0217	MLF		300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	9,230.65	
27 14 13 16-0218	MLF		400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	11,740.13	
27 14 13 16-0219	MLF		600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	15,600.63	
27 14 13 16-0220	MLF		900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	22,850.84	
27 14 13 16-0221	MLF		1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	33,293.13	

27 14 13 16-0222	22 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 14 13 16-0196)</small>		
27 14 13 16-0223	22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0222)</small>		
27 14 13 16-0224	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,631.82	722.14
27 14 13 16-0225	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	1,875.38	722.14
27 14 13 16-0226	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,393.69	722.14
27 14 13 16-0227	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,347.19	722.14
27 14 13 16-0228	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,337.03	722.14
27 14 13 16-0229	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,526.46	928.47
27 14 13 16-0230	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,943.50	1,341.12
27 14 13 16-0231	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	17,890.98	1,753.77
27 14 13 16-0232	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	24,929.81	2,372.76
27 14 13 16-0233	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	40,052.59	4,745.51
27 14 13 16-0234	22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 14 13 16-0222)</small>		
27 14 13 16-0235	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,373.91	
27 14 13 16-0236	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	1,617.47	
27 14 13 16-0237	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,135.78	
27 14 13 16-0238	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,089.28	
27 14 13 16-0239	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,079.12	
27 14 13 16-0240	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,354.52	
27 14 13 16-0241	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	13,427.69	
27 14 13 16-0242	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	16,816.36	
27 14 13 16-0243	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,038.48	
27 14 13 16-0244	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	34,894.44	
27 14 13 16-0245	19 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 14 13 16-0196)</small>		
27 14 13 16-0246	19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 14 13 16-0245)</small>		
27 14 13 16-0247	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,541.86	722.14
27 14 13 16-0248	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,475.70	722.14
27 14 13 16-0249	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	9,485.79	722.14
27 14 13 16-0250	19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 14 13 16-0245)</small>		
27 14 13 16-0251	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,283.95	
27 14 13 16-0252	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,217.79	
27 14 13 16-0253	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	9,227.88	
27 14 13 16-0254	(Aerial) Outdoor Telecommunications Cable <small>(27 14 13 16-0129)</small>		
	Note: Includes support wire.		
27 14 13 16-0255	24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 14 13 16-0254)</small>		
27 14 13 16-0256	MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,519.66	1,426.86
27 14 13 16-0257	MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,657.57	1,426.86
27 14 13 16-0258	MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,999.98	1,426.86
27 14 13 16-0259	MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,633.94	1,426.86
27 14 13 16-0260	MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,858.42	1,426.86
27 14 13 16-0261	MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,640.48	1,569.54
27 14 13 16-0262	MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,437.71	1,712.23
27 14 13 16-0263	22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 14 13 16-0254)</small>		
27 14 13 16-0264	MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,684.66	1,426.86
27 14 13 16-0265	MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,888.41	1,426.86
27 14 13 16-0266	MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,379.18	1,426.86
27 14 13 16-0267	MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,348.73	1,426.86
27 14 13 16-0268	MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,687.28	1,426.86
27 14 13 16-0269	MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,765.14	1,569.54
27 14 13 16-0270	19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 14 13 16-0254)</small>		
27 14 13 16-0271	MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	4,902.80	1,426.86
27 14 13 16-0272	MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	5,363.58	1,426.86
27 14 13 16-0273	MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	6,269.56	1,426.86
27 14 13 16-0274	MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,081.52	1,426.86
27 14 13 16-0275	MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,927.17	1,426.86
27 14 13 16-0276	Solid Conductor Low Voltage Cable <small>(27 14 13 16)</small>		
27 14 13 16-0277	Shielded, Low Voltage Cable, Pulled In Conduit <small>(27 14 13 16-0276)</small>		
27 14 13 16-0278	#12 AWG Low Voltage Cable, Pulled In Conduit, Shielded <small>(27 14 13 16-0277)</small>		
27 14 13 16-0279	MLF 1 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable	1,781.42	778.09
	For #10 AWG, Add	419.27	
	For Installation On Exposed Surface, Deduct	-259.38	

27	27 Communications
27 10	Structured Cabling
27 14	Communications Cabling

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0280 MLF 2 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,237.13	805.60
For #10 AWG, Add	563.66	
For Installation On Exposed Surface, Deduct	-268.61	
27 14 13 16-0281 MLF 3 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,635.05	833.89
For #10 AWG, Add	688.94	
For Installation On Exposed Surface, Deduct	-277.88	
27 14 13 16-0282 MLF 4 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,056.70	862.19
For #10 AWG, Add	821.85	
For Installation On Exposed Surface, Deduct	-287.48	
27 14 13 16-0283 MLF 5 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,505.19	920.34
For #10 AWG, Add	957.25	
For Installation On Exposed Surface, Deduct	-306.87	
27 14 13 16-0284 MLF 6 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,912.54	977.71
For #10 AWG, Add	1,079.24	
For Installation On Exposed Surface, Deduct	-325.99	
27 14 13 16-0285 MLF 8 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	4,226.74	1,094.04
For #10 AWG, Add	1,157.83	
For Installation On Exposed Surface, Deduct	-364.61	
27 14 13 16-0286 MLF 12 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	5,608.14	1,442.21
For #10 AWG, Add	1,538.27	
For Installation On Exposed Surface, Deduct	-480.64	
27 14 13 16-0287 MLF 24 Pair #12 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	8,356.31	2,129.92
For #10 AWG, Add	2,296.22	
For Installation On Exposed Surface, Deduct	-709.79	
27 14 13 16-0288 #14 AWG Low Voltage Cable, Pulled In Conduit, Shielded <small>(27 14 13 16-0277)</small>		
27 14 13 16-0289 MLF 1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,597.05	680.63
For Installation On Exposed Surface, Deduct	-226.82	
27 14 13 16-0290 MLF 2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,029.25	705.00
For Installation On Exposed Surface, Deduct	-235.00	
27 14 13 16-0291 MLF 3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,406.02	729.36
For Installation On Exposed Surface, Deduct	-243.17	
27 14 13 16-0292 MLF 4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,804.71	754.51
For Installation On Exposed Surface, Deduct	-251.50	
27 14 13 16-0293 MLF 5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,225.48	805.60
For Installation On Exposed Surface, Deduct	-268.48	
27 14 13 16-0294 MLF 6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,606.63	855.89
For Installation On Exposed Surface, Deduct	-285.14	
27 14 13 16-0295 MLF 8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,892.11	957.28
For Installation On Exposed Surface, Deduct	-319.09	
27 14 13 16-0296 MLF 12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	5,164.59	1,261.44
For Installation On Exposed Surface, Deduct	-420.48	
27 14 13 16-0297 MLF 24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	7,699.34	1,863.48
For Installation On Exposed Surface, Deduct	-621.21	
27 14 13 16-0298 #16 AWG Low Voltage Cable, Pulled In Conduit, Shielded <small>(27 14 13 16-0277)</small>		
27 14 13 16-0299 MLF 1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,420.73	607.53
For Installation On Exposed Surface, Deduct	-202.62	
27 14 13 16-0300 MLF 2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,703.38	629.54
For Installation On Exposed Surface, Deduct	-209.85	
27 14 13 16-0301 MLF 3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,133.44	651.54
For Installation On Exposed Surface, Deduct	-217.08	
27 14 13 16-0302 MLF 4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,485.57	673.56
For Installation On Exposed Surface, Deduct	-224.62	
27 14 13 16-0303 MLF 5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,856.81	719.14
For Installation On Exposed Surface, Deduct	-239.71	
27 14 13 16-0304 MLF 6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,193.76	763.94
For Installation On Exposed Surface, Deduct	-254.65	
27 14 13 16-0305 MLF 7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,320.16	809.53
For Installation On Exposed Surface, Deduct	-269.74	
27 14 13 16-0306 MLF 8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,447.34	855.11
For Installation On Exposed Surface, Deduct	-284.98	
27 14 13 16-0307 MLF 9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	3,874.80	909.34
For Installation On Exposed Surface, Deduct	-303.06	
27 14 13 16-0308 MLF 12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	4,573.80	1,126.26
For Installation On Exposed Surface, Deduct	-375.45	
27 14 13 16-0309 MLF 24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	6,818.06	1,663.85
For Installation On Exposed Surface, Deduct	-554.64	
27 14 13 16-0310 #18 AWG Low Voltage Cable, Pulled In Conduit, Shielded <small>(27 14 13 16-0277)</small>		
27 14 13 16-0311 MLF 1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,179.10	535.23
For Installation On Exposed Surface, Deduct	-178.25	
27 14 13 16-0312 MLF 2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,454.65	554.09
For Installation On Exposed Surface, Deduct	-184.70	
27 14 13 16-0313 MLF 3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,695.73	572.96
For Installation On Exposed Surface, Deduct	-191.14	
27 14 13 16-0314 MLF 4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	1,949.96	592.61
For Installation On Exposed Surface, Deduct	-197.59	
27 14 13 16-0315 MLF 5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,225.61	632.69
For Installation On Exposed Surface, Deduct	-210.95	
27 14 13 16-0316 MLF 6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,476.83	671.98
For Installation On Exposed Surface, Deduct	-224.15	
27 14 13 16-0317 MLF 8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable.....	2,681.61	752.15
For Installation On Exposed Surface, Deduct	-250.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0318 MLF 12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	3,556.07 -330.41	991.08
27 14 13 16-0319 MLF 24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	5,296.40 -468.07	1,464.22
27 14 13 16-0320 #20 AWG Low Voltage Cable, Pulled In Conduit, Shielded (27 14 13 16-0277)		
27 14 13 16-0321 MLF 1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,031.51 -162.06	486.51
27 14 13 16-0322 MLF 2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,248.79 -167.88	503.79
27 14 13 16-0323 MLF 3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,437.16 -173.69	521.47
27 14 13 16-0324 MLF 4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,635.60 -179.67	539.16
27 14 13 16-0325 MLF 5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,858.25 -191.69	575.32
27 14 13 16-0326 MLF 6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	2,060.69 -203.72	611.46
27 14 13 16-0327 MLF 8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	2,252.99 -227.92	683.77
27 14 13 16-0328 MLF 12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	2,965.15 -300.39	901.48
27 14 13 16-0329 MLF 24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	4,413.53 -443.74	1,331.39
27 14 13 16-0330 MLF 25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	4,713.88 -454.28	1,362.83
27 14 13 16-0331 MLF 36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	5,637.63 -528.94	1,586.82
27 14 13 16-0332 MLF 40 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	6,050.93 -566.19	1,698.43
27 14 13 16-0333 MLF 50 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	7,184.07 -707.50	2,122.84
27 14 13 16-0334 MLF 100 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	9,817.70 -931.50	2,794.82
27 14 13 16-0335 #22 AWG Low Voltage Cable, Pulled In Conduit, Shielded (27 14 13 16-0277)		
27 14 13 16-0336 MLF 1 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	845.08 -145.87	437.77
27 14 13 16-0337 MLF 2 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	913.64 -151.06	453.49
27 14 13 16-0338 MLF 3 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	999.25 -156.40	469.21
27 14 13 16-0339 MLF 4 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,092.94 -161.75	484.93
27 14 13 16-0340 MLF 5 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,227.57 -172.59	517.94
27 14 13 16-0341 MLF 6 Pair #22 AWG, Solid, Low Voltage, Placed In Conduit, Alarm And Communications Cable <i>For Installation On Exposed Surface, Deduct</i>	1,364.61 -162.97	548.59
27 14 13 16-0342 Triad (27 14 13 16-0277)		
27 14 13 16-0343 MLF 1 Triad #16 AWG, Stranded, Low Voltage, Placed In Conduit.....	1,938.29	651.54
27 14 13 16-0344 MLF 4 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	2,527.57	901.48
27 14 13 16-0345 MLF 8 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	3,946.10	1,331.39
27 14 13 16-0346 MLF 12 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	4,911.90	1,586.82
27 14 13 16-0347 MLF 24 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	8,037.72	2,458.44
27 14 13 16-0348 MLF 36 Triad #20 AWG, Stranded, Low Voltage, Placed In Conduit.....	9,245.85	2,794.82
27 14 13 16-0349 Shielded, Low Voltage Cable Buried In Trench (27 14 13 16-0276) Note: Excludes excavation.		
27 14 13 16-0350 MLF 1 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,480.16	
27 14 13 16-0351 MLF 2 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	1,907.19	
27 14 13 16-0352 MLF 3 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,279.72	
27 14 13 16-0353 MLF 4 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	2,674.72	
27 14 13 16-0354 MLF 5 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	3,086.28	
27 14 13 16-0355 MLF 6 Pair #14 AWG, Solid, Low Voltage, Direct Burial, Alarm And Communications Cable	3,459.28	
27 14 13 16-0356 Shielded, Low Voltage Cable Installed On Poles, Aerially (27 14 13 16-0276)		
27 14 13 16-0357 MLF 1 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	1,547.11	416.19
27 14 13 16-0358 MLF 2 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,015.89	445.89
27 14 13 16-0359 MLF 3 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	2,658.59	563.70
27 14 13 16-0360 MLF 4 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	3,245.66	651.98
27 14 13 16-0361 MLF 5 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	5,069.75	743.13
27 14 13 16-0362 MLF 6 Pair #14 AWG, Solid, Low Voltage, On Poles, Alarm And Communications Cable	6,102.80	949.39
27 14 13 16-0363 Non-Shielded Low Voltage Cable Pulled In Conduit (27 14 13 16-0276)		
27 14 13 16-0364 #14 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded (27 14 13 16-0363)		
27 14 13 16-0365 MLF 1 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded <i>For Installation On Exposed Surface, Deduct</i>	1,600.93 -226.82	680.63

27 Communications**27 10 Structured Cabling****27 14 Communications Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 13 16-0366	MLF		2 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,036.41 -235.00	705.00
27 14 13 16-0367	MLF		3 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,416.00 -243.17	729.36
27 14 13 16-0368	MLF		4 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,817.68 -251.50	754.51
27 14 13 16-0369	MLF		5 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,239.69 -268.16	804.80
27 14 13 16-0370	MLF		6 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,624.13 -284.98	855.11
27 14 13 16-0371	MLF		8 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,911.36 -319.09	957.28
27 14 13 16-0372	MLF		12 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	5,190.26 -420.48	1,261.44
27 14 13 16-0373	MLF		24 Pair #14 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	7,737.84 -621.21	1,863.48
27 14 13 16-0374			#16 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded (27 14 13 16-0363)		
27 14 13 16-0375	MLF		1 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,424.15 -202.62	607.53
27 14 13 16-0376	MLF		2 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,807.81 -209.85	629.54
27 14 13 16-0377	MLF		3 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,142.23 -217.08	651.54
27 14 13 16-0378	MLF		4 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,496.99 -224.62	673.56
27 14 13 16-0379	MLF		5 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,869.93 -239.56	718.35
27 14 13 16-0380	MLF		6 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,209.86 -254.65	763.94
27 14 13 16-0381	MLF		7 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,336.69 -269.74	809.53
27 14 13 16-0382	MLF		8 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,596.12 -284.98	855.11
27 14 13 16-0383	MLF		9 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	4,048.29 -303.04	909.34
27 14 13 16-0384	MLF		12 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	4,596.40 -375.45	1,126.26
27 14 13 16-0385	MLF		24 Pair #16 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	6,852.36 -554.72	1,663.85
27 14 13 16-0386			#18 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded (27 14 13 16-0363)		
27 14 13 16-0387	MLF		1 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,234.34 -178.25	534.44
27 14 13 16-0388	MLF		2 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,538.67 -184.70	554.09
27 14 13 16-0389	MLF		3 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,712.85 -191.14	573.74
27 14 13 16-0390	MLF		4 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,958.02 -197.59	592.61
27 14 13 16-0391	MLF		5 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,214.11 -210.95	632.69
27 14 13 16-0392	MLF		6 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,469.41 -224.15	672.77
27 14 13 16-0393	MLF		8 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,099.12 -250.72	752.15
27 14 13 16-0394	MLF		12 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	3,993.05 -330.41	991.08
27 14 13 16-0395	MLF		24 Pair #18 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	5,989.44 -488.07	1,464.22
27 14 13 16-0396			#20 AWG Low Voltage Cable, Pulled In Conduit, Non-Shielded (27 14 13 16-0363)		
27 14 13 16-0397	MLF		1 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,052.48 -162.06	486.51
27 14 13 16-0398	MLF		2 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,252.22 -167.88	503.79
27 14 13 16-0399	MLF		3 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,529.17 -191.14	573.74
27 14 13 16-0400	MLF		4 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,641.78 -179.67	539.16
27 14 13 16-0401	MLF		5 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	1,962.07 -210.95	632.69
27 14 13 16-0402	MLF		6 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,171.61 -224.15	672.77
27 14 13 16-0403	MLF		8 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,370.79 -249.62	748.69
27 14 13 16-0404	MLF		12 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	2,977.41 -300.39	901.48
27 14 13 16-0405	MLF		24 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	4,431.93 -443.74	1,331.39
27 14 13 16-0406	MLF		25 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	4,734.36 -454.28	1,362.83
27 14 13 16-0407	MLF		36 Pair #20 AWG, Solid, Low Voltage, Placed In Conduit, Non-Shielded..... <i>For Installation On Exposed Surface, Deduct</i>	5,662.72 -528.94	1,586.82

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 3 columns: Line Item, Description, and Cost. Header: 27 14 13 16-0473 Non-Shielded Plenum Rated, Low Voltage Cable, Pulled In Conduit (27 14 13 16-). Rows list various cable specifications (e.g., 1 Pair #16 AWG, Solid, Low Voltage) and their corresponding costs.

27 14 13 16-0528 Sound System Cables (27 14 13 16)
Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.

Table with 3 columns: Line Item, Description, and Cost. Header: 27 14 13 16-0529 Sound System Cables, Communications And Control Cable, Installed Exposed (27 14 13 16-0528). Rows list cable types (e.g., 2 Conductor, 18 AWG, Non-Plenum, Unshielded) and costs.

Table with 3 columns: Line Item, Description, and Cost. Header: 27 14 13 16-0540 Sound System Cables, Communications And Control Cable, Installed In Conduit (27 14 13 16-0528). Rows list cable types and conduit installation costs.

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

27 14 13 16-0545	MLF	2	Conductor, 18 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed In Conduit	715.28	275.08
27 14 13 16-0546	MLF	2	Conductor, 16 AWG, Plenum, Shielded, Speaker/Communications And Control Cable, Installed In Conduit	799.66	275.08
27 14 13 16-0547	MLF	2	Conductor, 22 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed In Conduit.....	740.95	275.08
27 14 13 16-0548	MLF	4	Conductor, 22 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed In Conduit	762.42	275.08
27 14 13 16-0549	MLF	2	Conductor, 20 AWG, Plenum, Shielded, Microphone/Communications And Control Cable, Installed In Conduit.....	674.38	275.08
27 14 13 16-0550	MLF	4	Conductor, 20 AWG, Non-Plenum, 2 Shielded, 2 Unshielded, Microphone/Communications Cable, Installed In Conduit	842.23	275.08

27 14 23 Communications Optical Fiber Cabling (27 14)
27 14 23 13 Communications Optical Fiber Splicing And Terminations (27 14 23)
27 14 23 13-0001 Fiber Optic Cable Splice Closures (27 14 23 13)

Note: Includes mounting hardware. Excludes splicing and splice trays.

27 14 23 13-0002	EA		Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	539.90	85.97
27 14 23 13-0003	EA		Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	711.84	171.94
27 14 23 13-0004	EA		Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure	711.84	171.94
27 14 23 13-0005	EA		Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure	872.84	85.97
27 14 23 13-0006	EA		Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure	1,044.78	171.94
27 14 23 13-0007	EA		Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,044.78	171.94
27 14 23 13-0008	EA		Splice Tray For Fiber Optic Cable Splice Closure.....	40.05	10.74

Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.

27 14 23 13-0009 Fiber Optic Cable Splicing (27 14 23 13)

27 14 23 13-0010	EA		Single Strand, Fusion Splice Of Fiber Optic Cable	25.80	
27 14 23 13-0011	EA		12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	85.97	

27 14 23 13-0012 Fiber Optic Cable Testing (27 14 23 13)

Note: Price based on testing one wavelength.

27 14 23 13-0013 Fiber Optic Cable Testing Using An OTDR (27 14 23 13-0012)

Note: Testing using an optical time domain reflectometer.

27 14 23 13-0014	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test	17.20	
			For >12 To 48 Strands, Deduct	-1.29	
			For >48 Strands, Deduct	-1.72	
27 14 23 13-0015	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test	25.80	
			For >12 To 48 Strands, Deduct	-1.94	
			For >48 Strands, Deduct	-2.58	
27 14 23 13-0016	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation	42.98	
			For >12 To 48 Strands, Deduct	-3.22	
			For >48 Strands, Deduct	-4.30	
27 14 23 13-0017	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation	64.48	
			For >12 To 48 Strands, Deduct	-4.84	
			For >48 Strands, Deduct	-6.45	

27 14 23 13-0018 Fiber Optic Cable Testing Using A Power Meter (27 14 23 13-0012)

27 14 23 13-0019	EA		Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test	17.20	
			For >12 To 48 Strands, Deduct	-1.29	
			For >48 Strands, Deduct	-1.72	
27 14 23 13-0020	EA		Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test	25.80	
			For >12 To 48 Strands, Deduct	-1.94	
			For >48 Strands, Deduct	-2.58	

27 14 23 13-0021 Fiber Optic Cable Light Source/Continuity Testing (27 14 23 13-0012)

27 14 23 13-0022	EA		Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test	17.20	
			For >12 To 48 Strands, Deduct	-1.29	
			For >48 Strands, Deduct	-1.72	

27 14 23 13-0023 Other Fiber Optic Cable Splicing (27 14 23 13)

27 14 23 13-0024	EA		Fiber Optic Finger Splice	26.61	16.16
27 14 23 13-0025	EA		Fiber Optic Splice Box - Manholes.....	2,986.64	

27 14 23 13-0026 Fiber Optic Cable Fan Out Kits (27 14 23 13)
27 14 23 13-0027 Buffer Tube Fan Out Kits For Fiber Optic Cable (27 14 23 13-0026)

27 14 23 13-0028	EA		6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	197.03	
27 14 23 13-0029	EA		12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable	200.48	
27 14 23 13-0030	EA		6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	239.37	
27 14 23 13-0031	EA		12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	273.14	

27 14 23 13-0032 Spider Fan Out Kits For Fiber Optic Cable (27 14 23 13-0026)

Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.

27 14 23 13-0033	EA		6-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	240.47	
27 14 23 13-0034	EA		12-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	265.83	
27 14 23 13-0035	EA		18-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	368.32	
27 14 23 13-0036	EA		24-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	479.66	

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 14 23 16 Communications Optical Fiber Cabling (27 14 23)

27 14 23 16-0001	Indoor Fiber Optic Cable (27 14 23 16) Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 14 23 16-0002	Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0001) Note: Excludes conduit or innerduct.		
27 14 23 16-0003	Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0002)		
27 14 23 16-0004	Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0003)		
27 14 23 16-0005	Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0004)		
27 14 23 16-0006	MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	782.40	309.49
27 14 23 16-0007	MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	862.74	309.49
27 14 23 16-0008	MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	889.57	309.49
27 14 23 16-0009	MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	985.10	309.49
	For Aluminum Armored Cable, Add	1,173.16	
	For Steel Armored Cable, Add	1,246.15	
27 14 23 16-0010	MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,012.49	309.49
27 14 23 16-0011	MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,178.05	309.49
	For Aluminum Armored Cable, Add	1,213.20	
	For Steel Armored Cable, Add	1,294.36	
27 14 23 16-0012	MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,065.41	361.07
27 14 23 16-0013	MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,949.83	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,517.83	
	For Steel Armored Cable, Add	1,486.52	
27 14 23 16-0014	MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,621.99	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,600.08	
	For Steel Armored Cable, Add	1,423.75	
27 14 23 16-0015	MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,752.36	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,678.80	
	For Steel Armored Cable, Add	1,492.07	
27 14 23 16-0016	MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,574.46	361.07
27 14 23 16-0017	MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,793.08	361.07
27 14 23 16-0018	MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,943.05	361.07
27 14 23 16-0019	MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,005.83	412.65
27 14 23 16-0020	MLF 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,573.99	412.65
27 14 23 16-0021	50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0004)		
27 14 23 16-0022	MLF 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	805.53	309.49
27 14 23 16-0023	MLF 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	902.00	309.49
27 14 23 16-0024	MLF 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,032.15	309.49
27 14 23 16-0025	MLF 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,243.39	309.49
	For Aluminum Armored Cable, Add	1,154.47	
	For Steel Armored Cable, Add	1,224.14	
27 14 23 16-0026	MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,347.93	309.49
27 14 23 16-0027	MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,749.98	309.49
	For Aluminum Armored Cable, Add	1,184.55	
	For Steel Armored Cable, Add	1,262.02	
27 14 23 16-0028	MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,424.48	361.07
27 14 23 16-0029	MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,888.74	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,660.25	
	For Steel Armored Cable, Add	1,630.38	
27 14 23 16-0030	MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,974.28	361.07
27 14 23 16-0031	MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,939.66	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,786.09	
27 14 23 16-0032	MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,874.43	361.07
27 14 23 16-0033	MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,867.94	361.07
27 14 23 16-0034	MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,092.35	361.07
	For Aluminum Armored Cable With Sub-Units, Add	1,319.14	
27 14 23 16-0035	MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	14,801.19	412.65
27 14 23 16-0036	MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	19,192.04	412.65
27 14 23 16-0037	62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 14 23 16-0004)		

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

27 14 23 16-0038	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	820.02	309.49
27 14 23 16-0039	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	921.30	309.49
27 14 23 16-0040	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,057.97	309.49
27 14 23 16-0041	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,279.77	309.49
27 14 23 16-0042	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,389.53	309.49
27 14 23 16-0043	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,811.69	309.49
27 14 23 16-0044	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,565.61	361.07
27 14 23 16-0045	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,053.08	361.07
27 14 23 16-0046	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,192.90	361.07
27 14 23 16-0047	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,206.55	361.07
27 14 23 16-0048	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,188.06	361.07
27 14 23 16-0049	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,231.25	361.07
27 14 23 16-0050	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,566.87	361.07
27 14 23 16-0051	MLF	120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	15,506.86	412.65
27 14 23 16-0052	MLF	144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	20,117.25	412.65
27 14 23 16-0053		Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0003)</small>		
27 14 23 16-0054		Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0053)</small>		
27 14 23 16-0055	MLF	2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,527.03	309.49
27 14 23 16-0056	MLF	4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,826.67	309.49
27 14 23 16-0057	MLF	6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,485.85	309.49
27 14 23 16-0058	MLF	8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,800.43	309.49
27 14 23 16-0059	MLF	12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,943.59	309.49
27 14 23 16-0060	MLF	18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,208.52	361.07
27 14 23 16-0061	MLF	24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,589.30	361.07
27 14 23 16-0062	MLF	36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,328.35	361.07
27 14 23 16-0063	MLF	48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	11,463.19	361.07
27 14 23 16-0064		50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0053)</small>		
27 14 23 16-0065	MLF	2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,817.55	309.49
27 14 23 16-0066	MLF	4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,962.02	309.49
27 14 23 16-0067	MLF	6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,553.33	309.49
27 14 23 16-0068	MLF	8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,129.41	309.49
27 14 23 16-0069	MLF	12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,832.55	309.49
27 14 23 16-0070	MLF	18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,992.64	361.07
27 14 23 16-0071	MLF	24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,435.74	361.07
27 14 23 16-0072	MLF	36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,697.12	361.07
27 14 23 16-0073	MLF	48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,624.35	361.07
27 14 23 16-0074		62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0053)</small>		
27 14 23 16-0075	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,882.64	309.49
27 14 23 16-0076	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,034.33	309.49
27 14 23 16-0077	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,655.21	309.49
27 14 23 16-0078	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,260.09	309.49
27 14 23 16-0079	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,998.39	309.49
27 14 23 16-0080	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,212.18	361.07
27 14 23 16-0081	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,727.44	361.07
27 14 23 16-0082	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,151.88	361.07
27 14 23 16-0083	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,225.48	361.07

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
27 14 23 16-0084		Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 14 23 16-0002)</i>			
27 14 23 16-0085		Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 14 23 16-0084)</i>			
27 14 23 16-0086		Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 14 23 16-0085)</i>			
27 14 23 16-0087	MLF	1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	724.90		309.49
27 14 23 16-0088	MLF	2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	728.06		309.49
27 14 23 16-0089	MLF	4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	893.69		309.49
27 14 23 16-0090	MLF	6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	913.08		309.49
		<i>For Aluminum Armored Cable, Add</i>	897.57		
		<i>For Steel Armored Cable, Add</i>	1,501.91		
27 14 23 16-0091	MLF	8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,010.65		309.49
27 14 23 16-0092	MLF	12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,028.90		309.49
		<i>For Aluminum Armored Cable, Add</i>	962.09		
		<i>For Steel Armored Cable, Add</i>	1,566.37		
27 14 23 16-0093	MLF	18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,274.49		361.07
27 14 23 16-0094	MLF	24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,901.76		361.07
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	625.78		
		<i>For Steel Armored Cable, Add</i>	715.02		
27 14 23 16-0095	MLF	36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,562.05		361.07
27 14 23 16-0096	MLF	48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,679.01		361.07
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	120.01		
		<i>For Steel Armored Cable, Add</i>	260.61		
27 14 23 16-0097	MLF	60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	5,630.77		361.07
27 14 23 16-0098	MLF	72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,646.96		361.07
27 14 23 16-0099	MLF	96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,758.80		361.07
27 14 23 16-0100		50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 14 23 16-0085)</i>			
27 14 23 16-0101	MLF	1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	803.98		309.49
27 14 23 16-0102	MLF	2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	794.29		309.49
27 14 23 16-0103	MLF	4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,035.53		309.49
27 14 23 16-0104	MLF	6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,128.80		309.49
		<i>For Aluminum Armored Cable, Add</i>	1,011.09		
		<i>For Steel Armored Cable, Add</i>	1,615.40		
27 14 23 16-0105	MLF	8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,346.41		309.49
27 14 23 16-0106	MLF	12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,629.29		309.49
		<i>For Aluminum Armored Cable, Add</i>	1,020.17		
		<i>For Steel Armored Cable, Add</i>	1,624.44		
27 14 23 16-0107	MLF	18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,051.74		361.07
27 14 23 16-0108	MLF	24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,365.37		361.07
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	286.22		
		<i>For Steel Armored Cable, Add</i>	568.31		
27 14 23 16-0109	MLF	36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,519.24		361.07
27 14 23 16-0110	MLF	48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,292.61		361.07
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	140.24		
27 14 23 16-0111	MLF	60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,287.74		361.07
27 14 23 16-0112	MLF	72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	9,834.07		361.07
27 14 23 16-0113	MLF	96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,996.66		361.07
		<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,183.24		
27 14 23 16-0114		62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 14 23 16-0085)</i>			
27 14 23 16-0115	MLF	1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	818.38		309.49
27 14 23 16-0116	MLF	2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	808.22		309.49
27 14 23 16-0117	MLF	4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,061.52		309.49
27 14 23 16-0118	MLF	6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,159.45		309.49
27 14 23 16-0119	MLF	8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,387.94		309.49
27 14 23 16-0120	MLF	12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	1,684.96		309.49
27 14 23 16-0121	MLF	18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,224.24		361.07

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

27 14 23 16-0122	MLF	24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,553.55	361.07
27 14 23 16-0123	MLF	36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,815.11	361.07
27 14 23 16-0124	MLF	48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,627.15	361.07
27 14 23 16-0125	MLF	60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,672.04	361.07
27 14 23 16-0126	MLF	72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	10,295.68	361.07
27 14 23 16-0127	MLF	96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	13,616.41	361.07
27 14 23 16-0128		Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0084)</small>		
27 14 23 16-0129		Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0128)</small>		
27 14 23 16-0130	MLF	2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,443.38	309.49
27 14 23 16-0131	MLF	4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,807.94	309.49
27 14 23 16-0132	MLF	6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,684.34	309.49
27 14 23 16-0133	MLF	8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,543.24	309.49
27 14 23 16-0134	MLF	12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,914.03	309.49
27 14 23 16-0135	MLF	18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,451.95	361.07
27 14 23 16-0136	MLF	24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,226.75	361.07
27 14 23 16-0137	MLF	36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,809.01	361.07
27 14 23 16-0138	MLF	48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,499.39	361.07
27 14 23 16-0139		50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0128)</small>		
27 14 23 16-0140	MLF	2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,091.60	309.49
27 14 23 16-0141	MLF	4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,868.05	309.49
27 14 23 16-0142	MLF	6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,325.94	309.49
27 14 23 16-0143	MLF	8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,965.76	309.49
27 14 23 16-0144	MLF	12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,187.08	309.49
27 14 23 16-0145	MLF	18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	6,874.43	361.07
27 14 23 16-0146	MLF	24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,257.98	361.07
27 14 23 16-0147	MLF	36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,069.86	361.07
27 14 23 16-0148	MLF	48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	16,283.39	361.07
27 14 23 16-0149		62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0128)</small>		
27 14 23 16-0150	MLF	2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,170.39	309.49
27 14 23 16-0151	MLF	4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	2,985.66	309.49
27 14 23 16-0152	MLF	6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	3,466.45	309.49
27 14 23 16-0153	MLF	8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	4,138.26	309.49
27 14 23 16-0154	MLF	12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,420.64	309.49
27 14 23 16-0155	MLF	18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	7,188.06	361.07
27 14 23 16-0156	MLF	24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	8,640.79	361.07
27 14 23 16-0157	MLF	36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	12,643.26	361.07
27 14 23 16-0158	MLF	48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit	17,067.47	361.07
27 14 23 16-0159		Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0001)</small>		
		Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 14 23 16-0160		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0159)</small>		
27 14 23 16-0161		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0160)</small>		
27 14 23 16-0162		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0161)</small>		
27 14 23 16-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	954.34	412.65
27 14 23 16-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,034.68	412.65

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0165	MLF		4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,061.51	412.65
27 14 23 16-0166	MLF		6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,157.04	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,173.16	
			<i>For Steel Armored Cable, Add</i>	1,246.15	
27 14 23 16-0167	MLF		8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,184.43	412.65
27 14 23 16-0168	MLF		12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,349.99	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,213.20	
			<i>For Steel Armored Cable, Add</i>	1,294.36	
27 14 23 16-0169	MLF		18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,237.35	464.23
27 14 23 16-0170	MLF		24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,121.77	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,517.83	
			<i>For Steel Armored Cable, Add</i>	1,486.52	
27 14 23 16-0171	MLF		36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,793.93	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,600.08	
			<i>For Steel Armored Cable, Add</i>	1,423.75	
27 14 23 16-0172	MLF		48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,924.30	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,678.80	
			<i>For Steel Armored Cable, Add</i>	1,492.07	
27 14 23 16-0173	MLF		60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,746.40	464.23
27 14 23 16-0174	MLF		72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,965.02	464.23
27 14 23 16-0175	MLF		96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,114.99	464.23
27 14 23 16-0176	MLF		120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,177.77	515.81
27 14 23 16-0177	MLF		144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,745.93	515.81
27 14 23 16-0178			50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0161)</small>		
27 14 23 16-0179	MLF		1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	977.47	412.65
27 14 23 16-0180	MLF		2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,073.94	412.65
27 14 23 16-0181	MLF		4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,204.09	412.65
27 14 23 16-0182	MLF		6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,415.33	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,154.47	
			<i>For Steel Armored Cable, Add</i>	1,224.14	
27 14 23 16-0183	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,519.87	412.65
27 14 23 16-0184	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,921.92	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,184.55	
			<i>For Steel Armored Cable, Add</i>	1,262.02	
27 14 23 16-0185	MLF		18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,596.42	464.23
27 14 23 16-0186	MLF		24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,060.68	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,660.25	
			<i>For Steel Armored Cable, Add</i>	1,630.38	
27 14 23 16-0187	MLF		36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,146.22	464.23
27 14 23 16-0188	MLF		48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,111.60	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,786.09	
27 14 23 16-0189	MLF		60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,046.37	464.23
27 14 23 16-0190	MLF		72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,039.88	464.23
27 14 23 16-0191	MLF		96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,264.29	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,319.14	
27 14 23 16-0192	MLF		120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,973.13	515.81
27 14 23 16-0193	MLF		144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	19,363.98	515.81
27 14 23 16-0194			62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0181)</small>		
27 14 23 16-0195	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	991.96	412.65
27 14 23 16-0196	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,093.24	412.65
27 14 23 16-0197	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,229.91	412.65
27 14 23 16-0198	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,451.71	412.65
27 14 23 16-0199	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,561.47	412.65
27 14 23 16-0200	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	1,983.63	412.65
27 14 23 16-0201	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,737.55	464.23
27 14 23 16-0202	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,225.02	464.23
27 14 23 16-0203	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,364.84	464.23
27 14 23 16-0204	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,378.49	464.23
27 14 23 16-0205	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,360.00	464.23
27 14 23 16-0206	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,403.19	464.23
27 14 23 16-0207	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,738.81	464.23
27 14 23 16-0208	MLF		120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,678.80	515.81
27 14 23 16-0209	MLF		144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,289.19	515.81

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

27 14 23 16-0210	Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0160)		
27 14 23 16-0211	Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0210)		
27 14 23 16-0212	MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,698.97	412.65
27 14 23 16-0213	MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,998.61	412.65
27 14 23 16-0214	MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,657.79	412.65
27 14 23 16-0215	MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,972.37	412.65
27 14 23 16-0216	MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,115.53	412.65
27 14 23 16-0217	MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,380.46	464.23
27 14 23 16-0218	MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,761.24	464.23
27 14 23 16-0219	MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,500.29	464.23
27 14 23 16-0220	MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	11,635.13	464.23
27 14 23 16-0221	50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0210)		
27 14 23 16-0222	MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,989.49	412.65
27 14 23 16-0223	MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,133.96	412.65
27 14 23 16-0224	MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,725.27	412.65
27 14 23 16-0225	MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,301.35	412.65
27 14 23 16-0226	MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,004.49	412.65
27 14 23 16-0227	MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,164.58	464.23
27 14 23 16-0228	MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,607.68	464.23
27 14 23 16-0229	MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,869.06	464.23
27 14 23 16-0230	MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,796.29	464.23
27 14 23 16-0231	62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0210)		
27 14 23 16-0232	MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,054.58	412.65
27 14 23 16-0233	MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,206.27	412.65
27 14 23 16-0234	MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,827.15	412.65
27 14 23 16-0235	MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,432.03	412.65
27 14 23 16-0236	MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,170.33	412.65
27 14 23 16-0237	MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,384.12	464.23
27 14 23 16-0238	MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,899.38	464.23
27 14 23 16-0239	MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,323.82	464.23
27 14 23 16-0240	MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	13,397.42	464.23
27 14 23 16-0241	Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0159)		
27 14 23 16-0242	Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0241)		
27 14 23 16-0243	Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0242)		
27 14 23 16-0244	MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	896.84	412.65
27 14 23 16-0245	MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	900.00	412.65
27 14 23 16-0246	MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,065.63	412.65
27 14 23 16-0247	MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... For Aluminum Armored Cable, Add For Steel Armored Cable, Add	1,085.02 897.57 1,501.91	412.65
27 14 23 16-0248	MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,182.59	412.65
27 14 23 16-0249	MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... For Aluminum Armored Cable, Add For Steel Armored Cable, Add	1,200.84 962.09 1,566.37	412.65
27 14 23 16-0250	MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,446.43	464.23
27 14 23 16-0251	MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... For Aluminum Armored Cable With Sub-Units, Add For Steel Armored Cable, Add	3,073.70 625.78 715.02	464.23
27 14 23 16-0252	MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,733.99	464.23
27 14 23 16-0253	MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... For Aluminum Armored Cable With Sub-Units, Add For Steel Armored Cable, Add	4,850.95 120.01 260.61	464.23
27 14 23 16-0254	MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,802.71	464.23
27 14 23 16-0255	MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,818.90	464.23
27 14 23 16-0256	MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,930.74	464.23
27 14 23 16-0257	50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 14 23 16-0242)		
27 14 23 16-0258	MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	975.92	412.65
27 14 23 16-0259	MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	966.23	412.65

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0260	MLF		4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,207.47	412.65
27 14 23 16-0261	MLF		6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,300.74	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,011.09	
			<i>For Steel Armored Cable, Add</i>	1,615.40	
27 14 23 16-0262	MLF		8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,518.35	412.65
27 14 23 16-0263	MLF		12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,801.23	412.65
			<i>For Aluminum Armored Cable, Add</i>	1,020.17	
			<i>For Steel Armored Cable, Add</i>	1,624.44	
27 14 23 16-0264	MLF		18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,223.68	464.23
27 14 23 16-0265	MLF		24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,537.31	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	286.22	
			<i>For Steel Armored Cable, Add</i>	568.31	
27 14 23 16-0266	MLF		36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,691.18	464.23
27 14 23 16-0267	MLF		48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,464.55	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	140.24	
27 14 23 16-0268	MLF		60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,459.68	464.23
27 14 23 16-0269	MLF		72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,006.01	464.23
27 14 23 16-0270	MLF		96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	13,168.60	464.23
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,183.24	
27 14 23 16-0271			62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0242)</small>		
27 14 23 16-0272	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	990.32	412.65
27 14 23 16-0273	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	980.16	412.65
27 14 23 16-0274	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,233.46	412.65
27 14 23 16-0275	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,331.39	412.65
27 14 23 16-0276	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,559.88	412.65
27 14 23 16-0277	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,856.90	412.65
27 14 23 16-0278	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,396.18	464.23
27 14 23 16-0279	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,725.49	464.23
27 14 23 16-0280	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,987.05	464.23
27 14 23 16-0281	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,799.09	464.23
27 14 23 16-0282	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,843.98	464.23
27 14 23 16-0283	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,467.62	464.23
27 14 23 16-0284	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	13,788.35	464.23
27 14 23 16-0285			Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0241)</small>		
27 14 23 16-0286			Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0285)</small>		
27 14 23 16-0287	MLF		2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,615.32	412.65
27 14 23 16-0288	MLF		4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,979.88	412.65
27 14 23 16-0289	MLF		6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,856.28	412.65
27 14 23 16-0290	MLF		8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,715.18	412.65
27 14 23 16-0291	MLF		12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,085.97	412.65
27 14 23 16-0292	MLF		18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,623.89	464.23
27 14 23 16-0293	MLF		24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,398.69	464.23
27 14 23 16-0294	MLF		36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,980.95	464.23
27 14 23 16-0295	MLF		48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	18,671.33	464.23
27 14 23 16-0296			50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0285)</small>		
27 14 23 16-0297	MLF		2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,263.54	412.65
27 14 23 16-0298	MLF		4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,039.99	412.65
27 14 23 16-0299	MLF		6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,497.88	412.65
27 14 23 16-0300	MLF		8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,137.70	412.65
27 14 23 16-0301	MLF		12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,359.02	412.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0302 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,046.37	464.23
27 14 23 16-0303 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,429.92	464.23
27 14 23 16-0304 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,241.80	464.23
27 14 23 16-0305 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	16,455.33	464.23
27 14 23 16-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0285)</small>		
27 14 23 16-0307 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,342.33	412.65
27 14 23 16-0308 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,157.60	412.65
27 14 23 16-0309 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,638.39	412.65
27 14 23 16-0310 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	4,310.20	412.65
27 14 23 16-0311 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,592.58	412.65
27 14 23 16-0312 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,360.00	464.23
27 14 23 16-0313 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,812.73	464.23
27 14 23 16-0314 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,815.20	464.23
27 14 23 16-0315 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	17,239.41	464.23
27 14 23 16-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0001)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 14 23 16-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0316)</small>		
27 14 23 16-0318 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,168.75	309.49
27 14 23 16-0319 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,775.37	309.49
27 14 23 16-0320 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,046.39	361.07
27 14 23 16-0321 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,758.36	361.07
27 14 23 16-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0316)</small>		
27 14 23 16-0323 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,383.89	309.49
27 14 23 16-0324 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,086.20	309.49
27 14 23 16-0325 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	3,467.71	361.07
27 14 23 16-0326 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	10,071.69	361.07
27 14 23 16-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0001)</small> Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.		
27 14 23 16-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0327)</small>		
27 14 23 16-0329 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,340.69	412.65
27 14 23 16-0330 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,947.31	412.65
27 14 23 16-0331 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,218.33	464.23
27 14 23 16-0332 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,930.30	464.23
27 14 23 16-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 14 23 16-0327)</small>		
27 14 23 16-0334 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,555.83	412.65
27 14 23 16-0335 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,258.14	412.65
27 14 23 16-0336 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	3,639.65	464.23
27 14 23 16-0337 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	10,243.63	464.23

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling



MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 14 23 16-0338	Outdoor Fiber Optic Cable <small>(27 14 23 16)</small>		
27 14 23 16-0339	Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0338)</small> <small>Note: Excludes conduit or innerduct.</small>		
27 14 23 16-0340	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0339)</small>		
27 14 23 16-0341	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0340)</small>		
27 14 23 16-0342	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,252.57 118.66	618.98
27 14 23 16-0343	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,265.12 118.84	618.98
27 14 23 16-0344	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,277.84 118.82	618.98
27 14 23 16-0345	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,290.39 119.00	618.98
27 14 23 16-0346	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,315.64 119.18	618.98
27 14 23 16-0347	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,375.59 115.00	618.98
27 14 23 16-0348	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,413.23 115.52	618.98
27 14 23 16-0349	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,502.78 122.32	618.98
27 14 23 16-0350	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,597.05 123.54	618.98
27 14 23 16-0351	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,689.91 124.76	618.98
27 14 23 16-0352	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,812.41 150.02	618.98
27 14 23 16-0353	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,054.25 161.00	618.98
27 14 23 16-0354	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,297.31 190.63	618.98
27 14 23 16-0355	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,549.10 205.60	618.98
27 14 23 16-0356	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0340)</small>		
27 14 23 16-0357	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,372.05 119.41	618.98
27 14 23 16-0358	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,502.09 122.14	618.98
27 14 23 16-0359	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,635.20 122.49	618.98
27 14 23 16-0360	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,766.93 123.02	618.98
27 14 23 16-0361	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,030.38 125.11	618.98
27 14 23 16-0362	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,446.81 126.85	618.98
27 14 23 16-0363	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,841.99 128.24	618.98
27 14 23 16-0364	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	3,645.58 151.59	618.98
27 14 23 16-0365	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	4,454.06 162.74	618.98
27 14 23 16-0366	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	5,261.31 173.89	618.98
27 14 23 16-0367	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	6,109.86 208.91	618.98
27 14 23 16-0368	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	7,821.07 239.93	618.98
27 14 23 16-0369	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	9,551.98 289.75	618.98
27 14 23 16-0370	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	11,317.20 292.20	618.98
27 14 23 16-0371	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0340)</small>		
27 14 23 16-0372	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,308.21 99.94	618.98
27 14 23 16-0373	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,404.30 107.18	618.98
27 14 23 16-0374	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,500.24 114.24	618.98
27 14 23 16-0375	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,618.76 130.05	618.98
27 14 23 16-0376	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	1,788.50 135.61	618.98
27 14 23 16-0377	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,088.59 144.53	618.98
27 14 23 16-0378	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>For Corrugated Coated Steel Tape Armored Cable, Add</small>	2,372.86 166.21	618.98

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

27 14 23 16-0379	MLF			36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,916.91 184.70	618.98
27 14 23 16-0380	MLF			48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,553.25 212.37	618.98
27 14 23 16-0381	MLF			60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,141.00 228.52	618.98
27 14 23 16-0382	MLF			72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,761.34 258.65	618.98
27 14 23 16-0383	MLF			96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,015.99 290.82	618.98
27 14 23 16-0384	MLF			120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,290.79 330.05	618.98
27 14 23 16-0385	MLF			144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,585.27 303.17	618.98
27 14 23 16-0386				Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0386)</small>		
27 14 23 16-0387				Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0386)</small>		
27 14 23 16-0388	MLF			2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,336.55 148.11	618.98
27 14 23 16-0389	MLF			4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,349.28 148.11	618.98
27 14 23 16-0390	MLF			6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,361.64 148.81	618.98
27 14 23 16-0391	MLF			8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,374.37 148.80	618.98
27 14 23 16-0392	MLF			12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,399.28 149.85	618.98
27 14 23 16-0393	MLF			18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,454.34 151.24	618.98
27 14 23 16-0394	MLF			24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,491.98 152.11	618.98
27 14 23 16-0395	MLF			36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,585.89 151.42	618.98
27 14 23 16-0396	MLF			48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,680.16 156.82	618.98
27 14 23 16-0397	MLF			60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,773.02 158.91	618.98
27 14 23 16-0398	MLF			72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,902.84 169.02	618.98
27 14 23 16-0399	MLF			96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,151.83 192.53	618.98
27 14 23 16-0400	MLF			120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,433.40 200.38	618.98
27 14 23 16-0401	MLF			144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,663.22 221.47	618.98
27 14 23 16-0402				50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0386)</small>		
27 14 23 16-0403	MLF			2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,455.04 151.41	618.98
27 14 23 16-0404	MLF			4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,585.55 155.59	618.98
27 14 23 16-0405	MLF			6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,592.92 157.99	618.98
27 14 23 16-0406	MLF			8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,847.25 163.09	618.98
27 14 23 16-0407	MLF			12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,108.79 170.92	618.98
27 14 23 16-0408	MLF			18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,518.42 183.12	618.98
27 14 23 16-0409	MLF			24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,910.82 194.62	618.98
27 14 23 16-0410	MLF			36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,714.41 236.62	618.98
27 14 23 16-0411	MLF			48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,517.83 242.02	618.98
27 14 23 16-0412	MLF			60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,323.86 261.72	618.98
27 14 23 16-0413	MLF			72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,167.53 288.90	618.98
27 14 23 16-0414	MLF			96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,875.44 285.06	618.98
27 14 23 16-0415	MLF			120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,694.16 293.59	618.98
27 14 23 16-0416	MLF			144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	11,376.09 333.15	618.98
27 14 23 16-0417				62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0386)</small>		
27 14 23 16-0418	MLF			2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,373.09 125.45	618.98

27 Communications**27 10 Structured Cabling****27 14 Communications Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 23 16-0419	MLF		4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,467.18 135.61	618.98
27 14 23 16-0420	MLF		6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,561.12 145.76	618.98
27 14 23 16-0421	MLF		8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,655.21 155.90	618.98
27 14 23 16-0422	MLF		12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,898.94 167.69	618.98
27 14 23 16-0423	MLF		18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,137.94 196.50	618.98
27 14 23 16-0424	MLF		24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,430.79 213.44	618.98
27 14 23 16-0425	MLF		36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,997.64 263.71	618.98
27 14 23 16-0426	MLF		48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,575.09 302.14	618.98
27 14 23 16-0427	MLF		60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,154.53 336.45	618.98
27 14 23 16-0428	MLF		72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,763.80 375.20	618.98
27 14 23 16-0429	MLF		96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,000.16 442.41	618.98
27 14 23 16-0430	MLF		120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,127.28 457.34	618.98
27 14 23 16-0431	MLF		144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,531.16 472.12	618.98
27 14 23 16-0432			Outdoor Fiber Optic Cable, Buried In Trench (27 14 23 16-0338) Note: Excludes trenching.		
27 14 23 16-0433			Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 14 23 16-0432)		
27 14 23 16-0434			Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 14 23 16-0433)		
27 14 23 16-0435	MLF		2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,166.59 118.66	
27 14 23 16-0436	MLF		4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,179.14 118.84	
27 14 23 16-0437	MLF		6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,191.86 118.82	
27 14 23 16-0438	MLF		8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,204.41 119.00	
27 14 23 16-0439	MLF		12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,229.66 119.18	
27 14 23 16-0440	MLF		18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,289.61 115.00	
27 14 23 16-0441	MLF		24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,327.25 115.52	
27 14 23 16-0442	MLF		36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,416.80 122.32	
27 14 23 16-0443	MLF		48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,511.07 123.54	
27 14 23 16-0444	MLF		60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,603.93 124.76	
27 14 23 16-0445	MLF		72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,726.43 150.02	
27 14 23 16-0446	MLF		96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,968.27 161.00	
27 14 23 16-0447	MLF		120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,211.33 190.63	
27 14 23 16-0448	MLF		144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,463.12 205.60	
27 14 23 16-0449			50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 14 23 16-0433)		
27 14 23 16-0450	MLF		2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,286.07 119.41	
27 14 23 16-0451	MLF		4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,416.11 122.14	
27 14 23 16-0452	MLF		6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,549.22 122.49	
27 14 23 16-0453	MLF		8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,680.95 123.02	
27 14 23 16-0454	MLF		12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,944.40 125.11	
27 14 23 16-0455	MLF		18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,360.83 126.85	
27 14 23 16-0456	MLF		24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,756.01 128.24	
27 14 23 16-0457	MLF		36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,559.60 151.59	
27 14 23 16-0458	MLF		48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,368.08 162.74	
27 14 23 16-0459	MLF		60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,175.33 173.89	

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

27 14 23 16-0460	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,023.88 208.91	
27 14 23 16-0461	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,735.09 239.93	
27 14 23 16-0462	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,466.00 289.75	
27 14 23 16-0463	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	11,231.22 292.20	
27 14 23 16-0464	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0433)</small>		
27 14 23 16-0465	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,222.23 99.94	
27 14 23 16-0466	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,318.32 107.18	
27 14 23 16-0467	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,414.26 114.24	
27 14 23 16-0468	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,532.78 130.05	
27 14 23 16-0469	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,702.52 135.61	
27 14 23 16-0470	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,002.61 144.53	
27 14 23 16-0471	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,286.88 166.21	
27 14 23 16-0472	MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,830.93 184.70	
27 14 23 16-0473	MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,467.27 212.37	
27 14 23 16-0474	MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,055.02 228.52	
27 14 23 16-0475	MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,675.36 258.65	
27 14 23 16-0476	MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,930.01 290.82	
27 14 23 16-0477	MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,204.81 330.05	
27 14 23 16-0478	MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,499.29 303.17	
27 14 23 16-0479	Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0432)</small>		
27 14 23 16-0480	Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0479)</small>		
27 14 23 16-0481	MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,250.57 148.11	
27 14 23 16-0482	MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,263.30 148.11	
27 14 23 16-0483	MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,275.66 148.81	
27 14 23 16-0484	MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,288.39 148.80	
27 14 23 16-0485	MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,313.30 149.85	
27 14 23 16-0486	MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,368.36 151.24	
27 14 23 16-0487	MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,406.00 152.11	
27 14 23 16-0488	MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,499.91 151.42	
27 14 23 16-0489	MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,594.18 156.82	
27 14 23 16-0490	MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,687.04 158.91	
27 14 23 16-0491	MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,816.86 169.02	
27 14 23 16-0492	MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,065.85 192.53	
27 14 23 16-0493	MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,347.42 200.38	
27 14 23 16-0494	MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,577.24 221.47	
27 14 23 16-0495	50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0479)</small>		
27 14 23 16-0496	MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,369.06 151.41	
27 14 23 16-0497	MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,499.57 155.59	
27 14 23 16-0498	MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,506.94 157.99	
27 14 23 16-0499	MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,761.27 163.09	

27 Communications

27 10 Structured Cabling

27 14 Communications Cabling

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 14 23 16-0500	MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,022.81	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	170.92	
27 14 23 16-0501	MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,432.44	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	183.12	
27 14 23 16-0502	MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,824.84	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	194.62	
27 14 23 16-0503	MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,628.43	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	236.62	
27 14 23 16-0504	MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,431.85	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	242.02	
27 14 23 16-0505	MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,237.88	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	261.72	
27 14 23 16-0506	MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	6,081.55	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	288.90	
27 14 23 16-0507	MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,789.46	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	285.06	
27 14 23 16-0508	MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	9,608.18	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	293.59	
27 14 23 16-0509	MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	11,290.11	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	333.15	
27 14 23 16-0510	62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0479)</small>		
27 14 23 16-0511	MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,287.11	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	125.45	
27 14 23 16-0512	MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,381.20	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	135.61	
27 14 23 16-0513	MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,475.14	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	145.76	
27 14 23 16-0514	MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,569.23	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	155.90	
27 14 23 16-0515	MLF 12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,812.96	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	167.69	
27 14 23 16-0516	MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,051.96	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	196.50	
27 14 23 16-0517	MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,344.81	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	213.44	
27 14 23 16-0518	MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,911.66	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	263.71	
27 14 23 16-0519	MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,489.11	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	302.14	
27 14 23 16-0520	MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,068.55	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	336.45	
27 14 23 16-0521	MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,677.82	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	375.20	
27 14 23 16-0522	MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,914.18	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	442.41	
27 14 23 16-0523	MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,231.41	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	457.34	
27 14 23 16-0524	MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	8,445.18	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	472.12	
27 14 23 16-0525	(Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 14 23 16-0338)</small>		
27 14 23 16-0526	Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 14 23 16-0525)</small>		
27 14 23 16-0527	Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 14 23 16-0526)</small>		
27 14 23 16-0528	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,281.71	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	115.69	
27 14 23 16-0529	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,296.17	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	116.22	
27 14 23 16-0530	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,310.81	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	116.57	
27 14 23 16-0531	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,325.62	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	116.91	
27 14 23 16-0532	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,354.71	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	117.79	
27 14 23 16-0533	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,417.62	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	119.70	
27 14 23 16-0534	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,461.35	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	121.27	
27 14 23 16-0535	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,569.55	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	124.41	
27 14 23 16-0536	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,653.37	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	141.66	
27 14 23 16-0537	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,777.60	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	144.45	
27 14 23 16-0538	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	6,893.12	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	163.43	
27 14 23 16-0539	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,160.93	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	181.38	
27 14 23 16-0540	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles	7,430.47	2,254.25
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	211.00	

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

27 14 23 16-0541	MLF			144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,715.53 234.35	2,254.25
27 14 23 16-0542				Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0338)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 14 23 16-0543				Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0542)</small>		
27 14 23 16-0544	MLF			12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	3,051.16	515.81
27 14 23 16-0545	MLF			24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,897.56	515.81
27 14 23 16-0546	MLF			48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,783.04	515.81
27 14 23 16-0547				Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 14 23 16-0542)</small>		
27 14 23 16-0548	MLF			12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,130.70	515.81
27 14 23 16-0549	MLF			24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,611.70	515.81
27 14 23 16-0550	MLF			48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,715.71	515.81
27 14 23 16-0551				Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0338)</small> Note: Singlemode and multimode combination cable. Excludes trenching.		
27 14 23 16-0552				Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0551)</small>		
27 14 23 16-0553	MLF			12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	2,965.18	472.83
27 14 23 16-0554	MLF			24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,811.58	472.83
27 14 23 16-0555	MLF			48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	5,697.06	472.83
27 14 23 16-0556				Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 14 23 16-0551)</small>		
27 14 23 16-0557	MLF			12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,044.72	472.83
27 14 23 16-0558	MLF			24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	4,525.72	472.83
27 14 23 16-0559	MLF			48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	6,629.73	472.83
27 14 33				Communications Coaxial Cabling <small>(27 14)</small>		
27 14 33 16				Communications Coaxial Cabling <small>(27 14 33)</small>		
27 14 33 16-0001				Indoor Coaxial Cable <small>(27 14 33 16)</small>		
27 14 33 16-0002				Coaxial Distribution Cable <small>(27 14 33 16-0001)</small> Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal		
27 14 33 16-0003	MLF			RG-6/U Coaxial Distribution Cable, In Conduit	1,556.26	251.50
27 14 33 16-0004	MLF			RG-6A/U Coaxial Distribution Cable, In Conduit.....	5,413.13	251.50
27 14 33 16-0005	MLF			RG-8/U Coaxial Distribution Cable, In Conduit	2,919.60	265.65
27 14 33 16-0006	MLF			RG-8A/U Coaxial Distribution Cable, In Conduit.....	3,644.08	265.65
27 14 33 16-0007	MLF			RG-11/U Coaxial Distribution Cable, In Conduit	3,280.69	314.38
27 14 33 16-0008	MLF			RG-11A/U Coaxial Distribution Cable, In Conduit.....	4,681.79	314.38
27 14 33 16-0009	MLF			RG-11/U Coaxial Distribution Cable, In Plenum	10,476.89	628.76
27 14 33 16-0010	MLF			RG-58/U Coaxial Distribution Cable, In Conduit	1,165.28	220.07
27 14 33 16-0011	MLF			RG-58A/U Coaxial Distribution Cable, In Conduit.....	1,308.84	220.07
27 14 33 16-0012	MLF			RG-58C/U Coaxial Distribution Cable, In Conduit.....	1,561.74	220.07
27 14 33 16-0013	MLF			RG-58/U Coaxial Distribution Cable, In Plenum	3,763.77	440.13
27 14 33 16-0014	MLF			RG-59/U Coaxial Distribution Cable, In Conduit	1,835.99	220.07
27 14 33 16-0015	MLF			RG-59/U Coaxial Distribution Cable, In Plenum	4,516.22	440.13
27 14 33 16-0016	MLF			1/2" Hard Line Coaxial, In Conduit.....	1,917.87	440.13
27 14 33 16-0017				Coaxial, Indoor Telecommunications Cable <small>(27 14 33 16-0001)</small>		
27 14 33 16-0018				Coaxial, Indoor Telecommunications Cable, Installed In Conduit <small>(27 14 33 16-0017)</small>		
27 14 33 16-0019	MLF			RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	1,003.76	361.07
27 14 33 16-0020	MLF			RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	2,150.32	361.07
27 14 33 16-0021	MLF			RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	881.32	412.65
27 14 33 16-0022	MLF			RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	2,687.93	412.65
27 14 33 16-0023				Coaxial, Indoor Telecommunications Cable, Installed Exposed <small>(27 14 33 16-0017)</small>		
27 14 33 16-0024	MLF			RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	1,605.54	722.14
27 14 33 16-0025	MLF			RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	2,752.10	722.14
27 14 33 16-0026	MLF			RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	1,569.08	825.31
27 14 33 16-0027	MLF			RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	3,375.69	825.31
27 14 33 16-0028				Outdoor Coaxial Cable <small>(27 14 33 16)</small>		

27 Communications
27 10 Structured Cabling
27 14 Communications Cabling

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 33 16-0029		Coaxial Cables "Television" Copper Covered Aluminum Center Core (27 14 33 16-0028) Note: Corrugated steel armor jacket.		
27 14 33 16-0030	MLF	TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial.....	4,538.11	1,176.72
27 14 33 16-0031	MLF	TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial.....	2,888.08	827.68
27 14 33 16-0032	MLF	TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial.....	2,374.04	488.31
27 14 33 16-0033	MLF	TV Coaxial Cable Drop 1/4" Diameter, Direct Burial.....	1,368.40	488.31
27 14 33 16-0034	MLF	TV Coaxial Cable Drop 1/4" Diameter, Placed In Conduit.....	2,055.13	763.00

27 14 43 Communications Faceplates And Connectors (27 14)

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0001		Plastic Communications Faceplates (27 14 43) Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.		
27 14 43 00-0002	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID.....	6.65	2.15
27 14 43 00-0003	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID.....	6.65	2.15
27 14 43 00-0004	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID.....	6.65	2.15
27 14 43 00-0005	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID.....	6.65	2.15
27 14 43 00-0006	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID.....	6.65	2.15
27 14 43 00-0007	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID.....	9.78	2.15
27 14 43 00-0008	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID.....	9.78	2.15
27 14 43 00-0009	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID.....	9.78	2.15
27 14 43 00-0010	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID.....	9.78	2.15
27 14 43 00-0011	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID.....	9.78	2.15

27 14 43 00-0012 Stainless Steel Communications Faceplates (27 14 43)

Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0013		Stainless Steel Communications Faceplates (27 14 43 00-0012)		
27 14 43 00-0014	EA	One Port, Single Gang, Stainless Steel Communications Faceplate.....	12.31	2.15
27 14 43 00-0015	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate.....	12.31	2.15
27 14 43 00-0016	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate.....	12.31	2.15
27 14 43 00-0017	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate.....	13.14	2.15
27 14 43 00-0018	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate.....	13.14	2.15
27 14 43 00-0019	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate.....	17.61	2.15
27 14 43 00-0020	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate.....	18.13	2.15
27 14 43 00-0021	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate.....	20.93	2.15
27 14 43 00-0022	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate.....	20.93	2.15
27 14 43 00-0023	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate.....	20.93	2.15

27 14 43 00-0024 Stainless Steel Communications Faceplates With Station ID (27 14 43 00-0012)

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0025	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	17.51	2.15
27 14 43 00-0026	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	17.51	2.15
27 14 43 00-0027	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	17.51	2.15
27 14 43 00-0028	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	17.51	2.15
27 14 43 00-0029	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	17.51	2.15
27 14 43 00-0030	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	37.35	2.15
27 14 43 00-0031	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	37.35	2.15
27 14 43 00-0032	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	37.35	2.15
27 14 43 00-0033	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID.....	37.35	2.15
27 14 43 00-0034	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	37.35	2.15

27 14 43 00-0035 Snap-In Modular Jacks (27 14 43)

Note: Includes termination.

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 14 43 00-0036	EA	Cat 3, Snap-In Modular Jack.....	23.14	8.61
27 14 43 00-0037	EA	Cat 5E, Snap-In Modular Jack.....	24.29	8.61
27 14 43 00-0038	EA	Cat 5E Shielded, Snap-In Modular Jack.....	27.71	8.61
27 14 43 00-0039	EA	Cat 6, Snap-In Modular Jack.....	27.71	8.61
27 14 43 00-0040	EA	Cat 6 Shielded, Snap-In Modular Jack.....	31.56	8.61
27 14 43 00-0041	EA	Cat 6A, Snap-In Modular Jack.....	32.14	8.61
27 14 43 00-0042	EA	Voice, RJ-11, Snap-In Modular Jack.....	14.88	4.31
27 14 43 00-0043	EA	SC Type Fiber Optic, Snap-In Modular Jack.....	25.74	8.61
27 14 43 00-0044	EA	ST Type Fiber Optic, Snap-In Modular Jack.....	28.65	8.61
27 14 43 00-0045	EA	LC Type Fiber Optic, Snap-In Modular Jack.....	34.36	8.61
27 14 43 00-0046	EA	Blank Fill In, Snap-In Modular Jack.....	4.85	2.15
27 14 43 00-0047	EA	Open Cable Pass Through Insert, Snap-In Modular Jack.....	5.41	2.15
27 14 43 00-0048	EA	Coaxial F-Type Coupler, Snap-In Modular Jack.....	19.26	6.45
		Note: Includes female to female connection.		
		<i>For Gold Bulkhead, Add</i>	1.11	
27 14 43 00-0049	EA	RCA Jack Pass-Through Coupler, Snap-In Modular Jack.....	19.47	6.45
		Note: Includes female to female connection.		
27 14 43 00-0050	EA	RCA Solder Coupler, Snap-In Modular Jack.....	39.32	8.61
27 14 43 00-0051	EA	RCA Jack With 110 Punch Down, Snap-In Modular Jack.....	47.74	8.61
27 14 43 00-0052	EA	3.5 m Mini Stereo Jack, Snap-In Modular Jack.....	23.97	8.61
27 14 43 00-0053	EA	MT-RJ Pass-Through Coupler, Snap-In Modular Jack.....	24.69	4.31
27 14 43 00-0054	EA	BNC Connector, Snap-In Modular Jack.....	27.40	8.61
27 14 43 00-0055	EA	S-Video With 110 Punch Down, Snap-In Modular Jack.....	30.52	8.61
27 14 43 00-0056	PR	Speaker Connectors, Snap-In Modular Jack.....	39.16	12.92
		Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 14 43 00-0057	EA	USB Audio Video Connector, Snap-In Modular Jack.....	44.86	8.61

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

27 14 43 00-0058 Surface Mount Plastic Communication Boxes (27 14 43)			
Note: Excludes modular jacks. See CSI section 27 14 43 00-0035 for modular jacks.			
27 14 43 00-0059	EA	One Port, Surface Mount Plastic Communication Box With Station ID.....	24.49 10.76
27 14 43 00-0060	EA	Two Port, Surface Mount Plastic Communication Box With Station ID.....	25.01 10.76
27 14 43 00-0061	EA	Four Port, Surface Mount Plastic Communication Box With Station ID.....	28.60 10.76
27 14 43 00-0062	EA	Six Port, Surface Mount Plastic Communication Box With Station ID.....	32.86 10.76
27 14 43 00-0063	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID.....	37.32 10.76
27 14 43 00-0064 Wall Mounted Telephone Faceplates (27 14 43)			
Note: Includes standard telephone mounting studs.			
27 14 43 00-0065 Plastic Faceplates For Wall Mounted Telephones (27 14 43 00-0064)			
27 14 43 00-0066	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones.....	28.01 10.74
27 14 43 00-0067 Stainless Steel Faceplates For Wall Mounted Telephones (27 14 43 00-0064)			
27 14 43 00-0068	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	23.15 4.30
Note: Requires one snap-in modular jack.			
27 14 43 00-0069	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	41.15 10.74
27 14 43 00-0070	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	48.00 12.90
27 14 43 00-0071	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	22.30 4.30
Note: Requires one snap-in modular jack.			
27 14 43 00-0072	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	37.56 10.74
27 14 43 00-0073	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	44.50 12.90
27 14 43 00-0074 Communications Equipment Labeling (27 14 43)			
27 14 43 00-0075	EA	Label Both Ends Of One 4 Pair Cable.....	16.93
27 14 43 00-0076	EA	Label single gang face plate (2 labels required).....	13.54
27 14 43 00-0077	EA	Label two gang face plate (4 labels required).....	20.30
27 14 43 00-0078	EA	Label both ends of a Siamese (dual 4 Pair cable).....	16.93
27 14 53 Communications Cable Innerduct (27 14)			
Note: Includes pull rope. Excludes conduit.			
27 14 53 00-0001 Indoor Innerduct (27 14 53)			
27 14 53 00-0002 Indoor Innerduct, Installed In Conduit (27 14 53 00-0001)			
27 14 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit (27 14 53 00-0002)			
27 14 53 00-0004	MLF	1" Riser Rated, Indoor Innerduct, Installed In Conduit.....	3,175.90 1,289.54
27 14 53 00-0005	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit.....	4,137.19 1,719.39
27 14 53 00-0006	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	5,428.62 2,149.24
27 14 53 00-0007	MLF	2" Riser Rated, Indoor Innerduct, Installed In Conduit.....	6,377.20 2,579.08
27 14 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit (27 14 53 00-0002)			
27 14 53 00-0009	MLF	1" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	4,445.73 1,289.54
27 14 53 00-0010	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	5,622.89 1,719.39
27 14 53 00-0011	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	7,396.86 2,149.24
27 14 53 00-0012	MLF	2" Plenum Rated, Indoor Innerduct, Installed In Conduit.....	8,916.86 2,579.08
27 14 53 00-0013 Indoor Innerduct, Installed Exposed (27 14 53 00-0001)			
27 14 53 00-0014 Riser Rated, Indoor Innerduct, Installed Exposed (27 14 53 00-0013)			
27 14 53 00-0015	MLF	1" Riser Rated, Indoor Innerduct, Installed Exposed.....	4,035.60 1,719.39
27 14 53 00-0016	MLF	1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed.....	4,996.88 2,149.24
27 14 53 00-0017	MLF	1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed.....	6,288.31 2,579.08
27 14 53 00-0018	MLF	2" Riser Rated, Indoor Innerduct, Installed Exposed.....	7,236.89 3,008.93
27 14 53 00-0019 Plenum Rated, Indoor Innerduct, Installed Exposed (27 14 53 00-0013)			
27 14 53 00-0020	MLF	1" Plenum Rated, Indoor Innerduct, Installed Exposed.....	5,305.43 1,719.39
27 14 53 00-0021	MLF	1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed.....	6,482.58 2,149.24
27 14 53 00-0022	MLF	1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	8,256.55 2,579.08
27 14 53 00-0023	MLF	2" Plenum Rated, Indoor Innerduct, Installed Exposed.....	9,776.55 3,008.93
27 14 53 00-0024 Outdoor Innerduct (27 14 53)			
27 14 53 00-0025 Outdoor Innerduct, Installed In Conduit (27 14 53 00-0024)			
27 14 53 00-0026	MLF	1" Outdoor Innerduct, Installed In Conduit.....	3,023.52 1,289.54
27 14 53 00-0027	MLF	1-1/4" Outdoor Innerduct, Installed In Conduit.....	3,912.48 1,719.39
27 14 53 00-0028	MLF	1-1/2" Outdoor Innerduct, Installed In Conduit.....	4,974.27 2,149.24
27 14 53 00-0029	MLF	2" Outdoor Innerduct, Installed In Conduit.....	5,947.23 2,579.08
27 14 53 00-0030 Outdoor Innerduct, Buried In Trench (27 14 53 00-0024)			
27 14 53 00-0031	MLF	1" Outdoor Innerduct, Buried In Trench.....	2,163.83
27 14 53 00-0032	MLF	1-1/4" Outdoor Innerduct, Buried In Trench.....	3,052.78
27 14 53 00-0033	MLF	1-1/2" Outdoor Innerduct, Buried In Trench.....	4,114.58
27 14 53 00-0034	MLF	2" Outdoor Innerduct, Buried In Trench.....	5,087.54

27	Communications
27 10	Structured Cabling
27 14	Communications Cabling

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

27 14 63 Communications Multimedia Modular Patch Panels (27 14)

27 14 63 00-0001	Communications Multimedia Modular Patch Panels (27 14 63)				
Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 14 43 00-0035 for modular jacks.					
27 14 63 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded.....	73.02	4.30	
27 14 63 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	80.49	4.30	
27 14 63 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	94.95	4.30	
27 14 63 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	99.40	4.30	
27 14 63 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	108.85	5.37	
27 14 63 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	103.08	4.30	
27 14 63 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	129.35	5.37	
27 14 63 00-0009	EA	Rack Mount Rear Cable Management Bar.....	36.54	5.37	

27 16 Communications Connecting Cords, Devices, And Adapters (27 16)**27 16 16 Communications Media Converters, Adapters, and Transceivers (27 16)**

27 16 16 00-0001	Fiber Optic Receivers (27 16 16)				
27 16 16 00-0002	EA	Fiber Optic Receiver, Range 6.2 Miles.....	439.03	42.98	
27 16 16 00-0003	Fiber Optic Transmitters (27 16 16)				
27 16 16 00-0004	EA	Fiber Optic Transmitter, Range 6.2 Miles.....	439.03	42.98	
27 16 16 00-0005	Fiber Optic Repeaters (27 16 16)				
Note: Consist of transmitter and receiver, back-to-back. Excludes power source.					
27 16 16 00-0006	EA	Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power.....	525.00	85.97	
27 16 16 00-0007	EA	Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power.....	853.07	171.94	
27 16 16 00-0008	Fiber Optic Transceivers (27 16 16)				
27 16 16 00-0009	EA	Fiber Optic Transceivers, 3,000 Miles Range.....	613.58	171.94	
27 16 16 00-0010	EA	Fiber Optic Transceivers, Digital 2,000 Miles Range.....	613.58	171.94	
27 16 16 00-0011	EA	Fiber Optic Ethernet Transceiver.....	794.09	257.91	
27 16 16 00-0012	EA	Transceiver (Low Cost Bi- Directional).....	261.98	64.48	

27 16 19 Communications Patch Cords, Station Cords, And Cross Connect Wire (27 16)

27 16 19 00-0001	Cross Connect Wire (27 16 19)				
Note: Up to 20' length.					
27 16 19 00-0002	EA	2-Pair Cross Connect Wire.....	13.73		
27 16 19 00-0003	EA	3-Pair Cross Connect Wire.....	18.39		
27 16 19 00-0004	EA	4-Pair Cross Connect Wire.....	23.00		
27 16 19 00-0005	Fiber Optic Patch Cords (27 16 19)				
27 16 19 00-0006	Simplex Fiber Optic Patch Cables (27 16 19 00-0005)				
27 16 19 00-0007	Singlemode, Simplex Fiber Optic Patch Cables (27 16 19 00-0006)				
27 16 19 00-0008	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	30.38		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0009	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	25.12		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0010	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	31.96		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0011	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	26.32		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0012	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	30.16		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0013	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	29.73		
For Each Additional Meter In Length, Add					
			0.26		
27 16 19 00-0014	Duplex Fiber Optic Patch Cables (27 16 19 00-0005)				
27 16 19 00-0015	Singlemode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)				
27 16 19 00-0016	EA	ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	51.52		
For Each Additional Meter In Length, Add					
			0.51		
27 16 19 00-0017	EA	ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	50.04		
For Each Additional Meter In Length, Add					
			0.51		
27 16 19 00-0018	EA	ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	55.31		
For Each Additional Meter In Length, Add					
			0.51		
27 16 19 00-0019	EA	SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	43.42		
For Each Additional Meter In Length, Add					
			0.51		
27 16 19 00-0020	EA	SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	51.09		
For Each Additional Meter In Length, Add					
			0.51		
27 16 19 00-0021	EA	LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	50.25		
For Each Additional Meter In Length, Add					
			0.51		

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

27 16 19 00-0022	Multimode, Duplex Fiber Optic Patch Cables <small>(27 16 19 00-0014)</small>		
27 16 19 00-0023	EA ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	39.37	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0024	EA ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	42.80	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0025	EA ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	43.16	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0026	EA ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	44.26	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0027	EA SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	39.51	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0028	EA SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	44.46	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0029	EA SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	51.91	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0030	EA MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	36.34	
	<i>For Each Additional Meter In Length, Add</i>	1.48	
27 16 19 00-0031	EA LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	43.81	
	<i>For Each Additional Meter In Length, Add</i>	1.48	

27 16 19 00-0032	Fiber Optic Cable Pig Tail <small>(27 16 19)</small>		
27 16 19 00-0033	EA Simplex Fiber Optic Cable Pig Tail.....	55.04	30.08
27 16 19 00-0034	EA Duplex Fiber Optic Cable Pig Tail.....	67.52	30.08

27 16 19 00-0035	Ethernet Patch Cords <small>(27 16 19)</small>		
27 16 19 00-0036	EA 3' Category 5E Patch Cables With Boots.....	13.24	
27 16 19 00-0037	EA 5' Category 5E Patch Cables With Boots.....	13.98	
27 16 19 00-0038	EA 7' Category 5E Patch Cables With Boots.....	14.71	
27 16 19 00-0039	EA 10' Category 5E Patch Cables With Boots.....	20.12	
27 16 19 00-0040	EA 15' Category 5E Patch Cables With Boots.....	21.96	
27 16 19 00-0041	EA 25' Category 5E Patch Cables With Boots.....	25.64	
27 16 19 00-0042	EA 3' Category 6 Patch Cables With Boots.....	14.28	
27 16 19 00-0043	EA 5' Category 6 Patch Cables With Boots.....	15.23	
27 16 19 00-0044	EA 7' Category 6 Patch Cables With Boots.....	16.17	
27 16 19 00-0045	EA 10' Category 6 Patch Cables With Boots.....	21.89	
27 16 19 00-0046	EA 15' Category 6 Patch Cables With Boots.....	24.26	
27 16 19 00-0047	EA 25' Category 6 Patch Cables With Boots.....	29.00	
27 16 19 00-0048	EA 50' Category 6 Patch Cables With Boots.....	40.83	
27 16 19 00-0049	EA 100' Category 6 Patch Cables With Boots.....	68.82	
27 16 19 00-0050	EA 3' Category 6A Patch Cables With Boots.....	18.24	
27 16 19 00-0051	EA 5' Category 6A Patch Cables With Boots.....	20.09	
27 16 19 00-0052	EA 7' Category 6A Patch Cables With Boots.....	21.95	
27 16 19 00-0053	EA 10' Category 6A Patch Cables With Boots.....	29.03	
27 16 19 00-0054	EA 15' Category 6A Patch Cables With Boots.....	33.67	
27 16 19 00-0055	EA 25' Category 6A Patch Cables With Boots.....	42.94	
27 16 19 00-0056	EA 50' Category 6A Patch Cables With Boots.....	66.12	
27 16 19 00-0057	EA 100' Category 6A Patch Cables With Boots.....	116.80	

27 20 Data Communications (27)

27 21 Data Communications Network Equipment (27 20)

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems

27 21 16 00-0001	Fiber Optic Modems <small>(27 21 16)</small>		
27 21 16 00-0002	EA Fiber Optic Modems, Range 6.2 Miles.....	932.31	171.94
27 21 16 00-0003	EA Fiber Optic Modem, Range 3.1 Miles, 12 Channel.....	1,667.85	171.94
27 21 16 00-0004	Ethernet Hubs and Switches <small>(27 21 16)</small>		
27 21 16 00-0005	EA 16 Port Managed Hub With Fiberport And Standard Management.....	2,124.15	129.16
27 21 16 00-0006	EA 16 Port Unmanaged Hub.....	413.08	86.10
27 21 16 00-0007	Network Equipment <small>(27 21 16)</small>		
27 21 16 00-0008	Communications Entrance Protection <small>(27 21 16 00-0007)</small>		
27 21 16 00-0009	EA 100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C).....	620.50	64.58
	<i>Note: Excludes terminations.</i>		
27 21 16 00-0010	EA Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S).....	7.54	0.86
27 21 16 00-0011	Communications Cabinets, Racks, Frames And Enclosures <small>(27 21 16 00-0007)</small>		
27 21 16 00-0012	EA 19" Width x 24" Depth x 36" Height, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736).....	746.31	64.58
27 21 16 00-0013	EA 10 Outlet, 125 Volt, 20 Amp Telecommunications Cabinet Power Strip (Chatsworth 13239-757).....	652.88	4.31
27 21 16 00-0014	EA Fan Kit For Telecommunications Cabinet (Chatsworth 12804-701).....	120.67	17.22
27 21 16 00-0015	Communications Termination Blocks And Patch Panels <small>(27 21 16 00-0007)</small>		

27	Communications
27 20	Data Communications
27 21	Data Communications Network Equipment

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
27 21 16 00-0016	Communications Termination Blocks (27 21 16 00-0015)		
27 21 16 00-0017	EA 4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810).....	233.84	12.90
27 21 16 00-0018	EA 5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802).....	217.73	12.90
27 21 16 00-0019	EA 4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869).....	519.71	12.90
27 21 16 00-0020	EA 5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851).....	483.48	12.90
27 21 16 00-0021	EA 110 Connector System Mounting Brackets (CommScope 107535593).....	74.38	12.90
27 21 16 00-0022	EA 110 Connector System Mounting Brackets (CommScope 107535585).....	80.24	12.90
27 21 16 00-0023	EA 110 Connector System Mounting Brackets (CommScope 107098816).....	91.20	12.90
27 21 16 00-0024	Communications Copper Patch Panels (27 21 16 00-0015) Note: Excludes cabinet and terminations.		
27 21 16 00-0025	EA 24 Port, Category 5E Patch Panel (CommScope 108208919).....	232.87	27.98
27 21 16 00-0026	EA 48 Port, Category 5E Patch Panel (CommScope 108208935).....	422.68	34.44
27 21 16 00-0027	EA 24 Port, Category 6 Patch Panel (CommScope 760062372).....	343.23	27.98
27 21 16 00-0028	EA 48 Port, Category 6 Patch Panel (CommScope 760062380).....	638.81	34.44
27 21 16 00-0029	Communications Optical Fiber Patch Panels (27 21 16 00-0015)		
27 21 16 00-0030	Closet Connector Housings (27 21 16 00-0029)		
27 21 16 00-0031	EA 48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U)..... Note: Accepts up to 2 closet connector housing panels. Excludes panels.	265.59	17.22
27 21 16 00-0032	EA 96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U)..... Note: Accepts up to 4 closet connector housing panels. Excludes panels.	309.30	17.22
27 21 16 00-0033	EA 288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U)..... Note: Accepts up to 12 closet connector housing panels. Excludes panels.	384.68	17.22
27 21 16 00-0034	EA SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91).....	83.49	8.61
27 21 16 00-0035	EA SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59).....	113.14	8.61
27 21 16 00-0036	EA SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56).....	93.96	8.61
27 21 16 00-0037	EA SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C).....	122.72	8.61
27 21 16 00-0038	Communications Cable Management (27 21 16 00-0007)		
27 21 16 00-0039	Horizontal Communication Cable Management (27 21 16 00-0038)		
27 21 16 00-0040	EA 1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE).....	89.81	17.22
27 21 16 00-0041	EA 3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E).....	92.68	17.22
27 21 16 00-0042	Vertical Communication Cable Management (27 21 16 00-0038)		
27 21 16 00-0043	EA 6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703).....	521.69	43.05
27 21 16 00-0044	EA 19" Width x 84" Height, Universal Rack (Chatsworth 48353-703).....	540.23	43.05
27 21 16 00-0045	EA 23" Width x 84" Height, Universal Rack (Chatsworth 48383-703).....	582.03	43.05
27 21 16 00-0046	Communications Patch Cords, Station Cords, And Cross Connect Wire (27 21 16 00-0007)		
27 21 16 00-0047	Premise Cross-Connect Wire (27 21 16 00-0046)		
27 21 16 00-0048	LF 1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973).....	0.89	0.43
27 21 16 00-0049	Pathways For Communications Systems (27 21 16 00-0007)		
27 21 16 00-0050	Conduits And Backboxes For Communication Systems (27 21 16 00-0049)		
27 21 16 00-0051	Flexible Conduit For Communication Systems (27 21 16 00-0050)		
27 21 16 00-0052	CLF 1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlson DF4X1C).....	349.79	154.74
27 21 16 00-0053	CLF 1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlson CF4X1C).....	499.87	154.74
27 21 16 00-0054	Tube Cables For Communication Systems (27 21 16 00-0050)		
27 21 16 00-0055	Outdoor/All-Dielectric Tube Cables (27 21 16 00-0054)		
27 21 16 00-0056	CLF Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX).....	298.26	103.16
27 21 16 00-0057	CLF Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TRX).....	444.48	128.96
27 21 16 00-0058	CLF Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX).....	737.68	154.74
27 21 16 00-0059	Indoor/Riser Rated Tube Cables (27 21 16 00-0054)		
27 21 16 00-0060	CLF Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX).....	341.99	103.16
27 21 16 00-0061	CLF Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX).....	418.13	116.06
27 21 16 00-0062	CLF Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX).....	474.85	128.96
27 21 16 00-0063	CLF Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX).....	874.94	154.74
27 21 16 00-0064	Indoor/Plenum Rated Tube Cables (27 21 16 00-0054)		
27 21 16 00-0065	CLF Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX).....	250.89	103.16
27 21 16 00-0066	CLF Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2).....	362.64	103.16
27 21 16 00-0067	CLF Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2).....	559.03	116.06
27 21 16 00-0068	CLF Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2).....	813.73	128.96
27 21 16 00-0069	CLF Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2).....	2,532.89	154.74

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

27 21 16 00-0070			Unjacketed Single Tube Cables (27 21 16 00-0054)		
27 21 16 00-0071	CLF		Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX).....	216.88	103.16
27 21 16 00-0072			Multimode Fiber Bundles (27 21 16 00-0054) Note: Includes optical fiber cables.		
27 21 16 00-0073	CLF		2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6).....	92.88	30.95
27 21 16 00-0074	CLF		4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6).....	140.25	30.95
27 21 16 00-0075	CLF		6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6).....	191.26	30.95
27 21 16 00-0076	CLF		12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6).....	346.73	30.95
27 21 16 00-0077	CLF		18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6).....	502.30	36.11
27 21 16 00-0078	CLF		24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6).....	657.77	36.11
27 21 16 00-0079			Singlemode Fiber Bundles (27 21 16 00-0054) Note: Includes optical fiber cables.		
27 21 16 00-0080	CLF		2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX).....	83.16	30.95
27 21 16 00-0081	CLF		4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX).....	103.81	30.95
27 21 16 00-0082	CLF		6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX).....	120.81	30.95
27 21 16 00-0083	CLF		12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX).....	153.61	30.95
27 21 16 00-0084	CLF		18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX).....	235.09	36.11
27 21 16 00-0085	CLF		24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX).....	309.18	36.11
27 21 16 00-0086			Tube Distribution Cabinets (27 21 16 00-0054)		
27 21 16 00-0087	EA		Modular Tube Distribution Cabinet (Sumitomo DE06MDU).....	180.56	43.05
			Note: Up to six 7-tube cables or two 19-tube cables.		
27 21 16 00-0088			Modular Fiber Termination Cabinets (27 21 16 00-0054)		
27 21 16 00-0089	EA		24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM).....	228.19	43.05
27 21 16 00-0090	EA		48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM).....	243.25	43.05
27 21 16 00-0091			Tube Distribution Accessories (27 21 16 00-0054)		
27 21 16 00-0092	EA		Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA).....	10.30	4.31
27 21 16 00-0093	EA		Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2).....	11.35	4.31
27 21 16 00-0094	EA		Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB).....	14.08	4.31
27 21 16 00-0095			Communications Optical Fiber Cabling (27 21 16 00-0007)		
27 21 16 00-0096			Communications Optical Fiber Cable Splicing And Terminations (27 21 16 00-0095)		
27 21 16 00-0097			Field Installed Fiber Connectors (27 21 16 00-0096)		
27 21 16 00-0098	EA		SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42).....	30.02	6.45
27 21 16 00-0099	EA		SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41).....	26.54	6.45
27 21 16 00-0100			Buffer Tube Fan-Out Kits (27 21 16 00-0096)		
27 21 16 00-0101			Buffer Tube Breakout Kits (Sumitomo) (27 21 16 00-0100) Note: Includes 900 micron tubing.		
27 21 16 00-0102	EA		2-Fiber Breakout Kit (Sumitomo FTFLD02).....	186.52	85.97
27 21 16 00-0103	EA		4-Fiber Breakout Kit (Sumitomo FTFLD04).....	190.16	85.97
27 21 16 00-0104	EA		6-Fiber Breakout Kit (Sumitomo FTFLD06).....	193.38	85.97
27 21 16 00-0105	EA		12-Fiber Breakout Kit (Sumitomo FTFLD12).....	203.37	85.97
27 21 16 00-0106	EA		18-Fiber Breakout Kit (Sumitomo FTFLD18).....	217.05	85.97
27 21 16 00-0107	EA		24-Fiber Breakout Kit (Sumitomo FTFLD24).....	227.21	85.97
27 21 16 00-0108			Buffer Tube Fan-Out Kits (Corning) (27 21 16 00-0100)		
27 21 16 00-0109	EA		12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12).....	188.20	85.97
27 21 16 00-0110	EA		12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12).....	224.29	85.97
27 21 16 00-0111			Communications Copper Cabling (27 21 16 00-0007)		
27 21 16 00-0112			Copper Communications Cable Splicing And Terminations (27 21 16 00-0111)		
27 21 16 00-0113			Copper Communications Cable Splice Cases (27 21 16 00-0112)		
27 21 16 00-0114	EA		6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626).....	710.04	171.94
27 21 16 00-0115	EA		9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630).....	814.69	171.94
27 21 16 00-0116	EA		12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219).....	1,162.44	171.94
27 21 16 00-0117			Modular Splice Connectors (27 21 16 00-0112)		
27 21 16 00-0118	EA		25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25).....	91.05	42.98
27 21 16 00-0119	EA		25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25).....	89.92	42.98
27 21 16 00-0120	EA		25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25).....	91.07	42.98
27 21 16 00-0121	EA		25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25).....	90.91	42.98

27 30 Voice Communications (27)

27 Communications**27 30 Voice Communications****27 31 Voice Communications Switching and Routing Equipment**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

27 31 Voice Communications Switching and Routing Equipment (27 30)

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems (27 31)

27 31 13 00-0001	EA	Interior PBX Telephone System (27 31 13) Note: Includes telephone instruments cabling and solid state switching.		
27 31 13 00-0002	EA	Interior PBX Telephone System (27 31 13 00-0001) Note: Cost is for each line up to 1000 lines.		
27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,167.49	448.46
27 31 13 00-0004	EA	Additional Telephones Less Solid State Switching (PBX) (27 31 13 00-0001)		
27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching.....	345.80	35.25
27 31 13 00-0006	EA	Telephones (27 31 13 00-0001)		
27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment.....	145.02	33.53
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment.....	167.62	44.71

27 32 Voice Communications Terminal Equipment (27 30)

Note: Includes testing of new devices and certification.

27 32 19 Interior Telephone System (27 32)

27 32 19 00-0001	EA	Components (27 32 19)		
27 32 19 00-0002	EA	Solid State Exchange Unit With Power Supply	4,208.33	785.58
27 32 19 00-0003	EA	Dial Telephone - Handset In Cabinet.....	492.21	64.22
27 32 19 00-0004	EA	Elevator Cab Telephone With Trailer Cable.....	265.58	68.86
27 32 19 00-0005	EA	Loud Ring Bell, 6"	212.66	63.88
27 32 19 00-0006	EA	Audio/Visual Indicator	261.76	60.18
27 32 19 00-0007	EA	Administrative Telephone With Digital Display.....	268.88	53.99
27 32 19 00-0008	EA	Processing Unit For 16 Station System	1,407.57	440.42
27 32 19 00-0009	EA	Handset For 16 Station System	192.10	43.84
27 32 19 00-0010	EA	Handset In Cabinet, For 16 Station System.....	260.11	59.15
27 32 19 00-0011	MLF	20 Conductor Unshielded Cable, #22	1,978.61	947.99
27 32 19 00-0012	EA	Power Supply For 16 Station System	268.47	117.00
27 32 19 00-0013	EA	Intercom Terminal Board	249.60	131.70
27 32 19 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	277.06	117.00
27 32 19 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick.....	131.27	48.10
27 32 19 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	391.16	105.86
27 32 19 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	459.89	120.33
27 32 19 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	556.26	142.41
27 32 19 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	650.36	153.97
27 32 19 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep.....	985.99	175.18
27 32 19 00-0021	EA	Ring Rung 3".....	8.90	4.79
27 32 19 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	21.58	8.51
27 32 19 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing.....	40.24	17.45

27 32 19 00-0024 Accessories (27 32 19)

27 32 19 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	9.45	4.64
27 32 19 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	19.61	17.88
27 32 19 00-0027	EA	Level 5, RJ-45 Jack, Dual Flush Mounted - Complete	46.36	19.65
27 32 19 00-0028	EA	Level 5, RJ-45 Jack, Wall Mount - Complete	44.79	19.65
27 32 19 00-0029	EA	Terminating Strips, Inside	90.36	39.30
27 32 19 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete.....	42.22	20.20
27 32 19 00-0031	EA	Ready Access Closure 3 To 25 Pair	109.03	47.37
27 32 19 00-0032	EA	Ready Access Closure 25 To 100 Pair	125.43	52.95
27 32 19 00-0033	EA	Termination Block With Bracket 25 Pair.....	39.53	15.90
27 32 19 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	41.50	19.94
27 32 19 00-0035	EA	Interior Protected Terminal 25 Pair	393.06	114.86
27 32 19 00-0036	EA	Interior Protected Terminal 50 Pair	449.12	116.66
27 32 19 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair.....	158.24	47.80
27 32 19 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	162.00	47.80
27 32 19 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	212.24	61.12
27 32 19 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair.....	426.13	110.13
27 32 19 00-0041	EA	Entrance Protector Terminal 100 Pair.....	566.62	125.69
27 32 19 00-0042	EA	Gas Protection Module	10.77	4.30
27 32 19 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	15.70	3.93

27 32 26 Ring-Down Emergency Telephones (27 32)

27 32 26 00-0001	EA	Emergency Telephone (27 32 26) Note: Standard features include: CB3000 speakerphone, 3 auxiliary inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70w area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.		
27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s) Note: Includes IA4100 FP1 analog speakerphone with single red "Push For Help" button, "Push For Help" bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	6,240.89	353.33

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

27 32 26 00-0003	EA		Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d).....	6,539.50	353.33
			Note: Includes IA4100 FP1 analog speakerphone with single red "Push For Help" button, "Push For Help" bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.		
27 32 26 00-0004	EA		Analog Speakerphone With Black "Info" Button And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2)	99.54	
27 32 26 00-0005	EA		Analog Speakerphone With Black "Call" Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IA4100 FP2-K).....	149.31	
27 32 26 00-0006	EA		IP Speakerphone With Single Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP1).....	373.27	
27 32 26 00-0007	EA		IP Speakerphone With Back "Info" Button And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2).....	507.64	
27 32 26 00-0008	EA		IP Speakerphone With Black "Call" Button, Keypad And Red "Push For Help" Button Code Blue Option (Code Blue IP5000 FP2-K).....	557.41	
27 32 26 00-0009	EA		EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	9.95	
27 32 26 00-0010	EA		EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	9.95	
27 32 26 00-0011	EA		Directory, Second Opening Code Blue Option.....	89.58	
27 32 26 00-0012	EA		Camera Enclosure With Color IP Camera, Second Opening Code Blue Option.....	945.61	
27 32 26 00-0013	EA		HID Card Reader, Second Opening Code Blue Option	437.97	
27 32 26 00-0014	EA		HID Card Reader And Color IP Camera, Second Opening Code Blue Option	1,418.42	
27 32 26 00-0015	EA		IP Wireless Communication Code Blue Option.....	2,981.16	
			Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.		
27 32 26 00-0016	EA		Active Venting Code Blue Option.....	159.26	
27 32 26 00-0017	EA		Night Charge Power Code Blue Option	1,388.55	
			Note: Requires 120V AC external power supplied to Code Blue unit.		
27 32 26 00-0018	EA		Power Transformer Kit, Alternate Incoming Power Code Blue Option.....	348.38	
27 32 26 00-0019	EA		Overhead Camera Mount Code Blue Option	791.33	
			Note: Excludes camera.		
27 32 26 00-0020	EA		Custom Color For Overhead Camera Mount Code Blue Option	34.84	
27 32 26 00-0021			City Police Call System (27 32 26)		
27 32 26 00-0022			Components (27 32 26 00-0021)		
27 32 26 00-0023	EA		City Police Call System.....	493.39	100.24
27 32 26 00-0024	EA		Concrete Foundation For Police Department Telephone Post.....	465.20	145.20

27 40 Audio-Video Communications (27)

27 41 Audio-Video Systems (27 40)

27 41 16 Integrated Audio-Video Systems and Equipment (27 41)

Note: Includes testing of new devices and certification.

27 41 16 00-0001			Television Distribution System (27 41 16)		
			See CSI section 26 05 13 00-0001 for basic wiring, 26 05 19 16-0324 for basic wiring.		
27 41 16 00-0002			Television Support System (27 41 16 00-0001)		
27 41 16 00-0003	EA		Ceiling Mounted Television Support, 19" To 20".....	300.91	96.44
27 41 16 00-0004	EA		Ceiling Mounted Television Support, 19" To 20" With Rack	379.51	107.63
27 41 16 00-0005	EA		Ceiling Mounted Television Support, 25" To 27".....	311.96	96.44
27 41 16 00-0006	EA		Ceiling Mounted Television Support, 25" To 27" With Rack	390.56	107.63
27 41 16 00-0007	EA		Wall Mounted Television Support, 13".....	237.69	77.50
27 41 16 00-0008	EA		Wall Mounted Television Support, 13" With Rack.....	316.29	86.10
27 41 16 00-0009	EA		Wall Mounted Television Support, 19" To 20".....	252.19	77.50
27 41 16 00-0010	EA		Wall Mounted Television Support, 19" To 20" With Rack	330.79	86.10
27 41 16 00-0011	EA		Wall Mounted Television Support, 25" To 27".....	266.69	77.50
27 41 16 00-0012	EA		Wall Mounted Television Support, 25" To 27" With Rack	345.29	86.10
27 41 16 00-0013			Distribution System (27 41 16 00-0001)		
			See CSI section 26 05 13 00-0001 for wire and cabling.		
27 41 16 00-0014			TV Distribution Rack (27 41 16 00-0013)		
27 41 16 00-0015	EA		Steel Rack Cabinet With Shelves	946.51	158.10
27 41 16 00-0016	EA		Switch And Pilot Light.....	166.33	70.24
27 41 16 00-0017	LF		Surface Raceway With Outlets	20.39	9.54
27 41 16 00-0018	EA		Service Label.....	24.95	13.15
27 41 16 00-0019			Head End Amplifier (27 41 16 00-0013)		
27 41 16 00-0020	EA		Head End Amplifier.....	631.40	105.23
27 41 16 00-0021			UHF In-Line Booster Amplifier And Power Supply (27 41 16 00-0013)		
27 41 16 00-0022	EA		UHF In-Line Booster.....	387.05	105.23
27 41 16 00-0023			Preamplifiers (27 41 16 00-0013)		
27 41 16 00-0024	EA		VHF Preamplifier	473.09	105.23
27 41 16 00-0025	EA		UHF Preamplifier	387.05	105.23
27 41 16 00-0026			Power Supplies (27 41 16 00-0013)		

27 Communications
27 40 Audio-Video Communications
27 41 Audio-Video Systems

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41	16 00-0027	EA	Common Power Supply	675.84	150.36
27 41	16 00-0028		Line Splitter And Mixer (27 41 16 00-0013)		
27 41	16 00-0029	EA	Line Splitter	67.67	35.08
27 41	16 00-0030	EA	Two-Way Splitter	74.52	35.08
27 41	16 00-0031	EA	Frequency Filter	154.86	52.70
27 41	16 00-0032	EA	Line Splitter And Mixer	205.81	77.38
27 41	16 00-0033		Power Line Filters (27 41 16 00-0013)		
27 41	16 00-0034	EA	120-Volt Power Supply Line Filter	286.78	70.24
27 41	16 00-0035		Wall Box And Receiver Outlets (27 41 16 00-0013)		
27 41	16 00-0036	EA	Wall Box With Lockable Cover, Excluding Outlet Plug	154.86	52.70
27 41	16 00-0037	EA	TV Receiver Outlet Plug	74.52	35.08
27 41	16 00-0038	EA	TV Camera Outlet Plug	74.52	35.08
27 41	16 00-0039	EA	Audio Outlet Plug	65.94	35.08
27 41	16 00-0040	EA	12 Ft RG 6U Cable With G-59 And TV Set Fittings	136.21	70.24
27 41	16 00-0041	EA	Male Plug PL-259	74.52	35.08
27 41	16 00-0042	EA	Wall Box And Receiver Outlet Television Outlets	91.53	36.80
27 41	16 00-0043		Metal And Electric Shop Antenna Systems (27 41 16)		
27 41	16 00-0044		Antenna (27 41 16 00-0043)		
27 41	16 00-0045	EA	Amateur Radio Antenna	599.72	128.96
27 41	16 00-0046	EA	Multi-Band Radio Antenna	476.46	128.96
27 41	16 00-0047		Receptacles (27 41 16 00-0043)		
27 41	16 00-0048	EA	Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	146.26	52.70
27 41	16 00-0049	EA	Multi-Band Radio Antenna System Receptacle With Mating Plugs	146.26	52.70

27 50 Distributed Communications And Monitoring Systems (27)

27 51 Distributed Audio-Video Communications Systems (27 50)

27 51 33 Sound Reinforcement (27 51)

Note: Includes testing of new devices and certification.

27 51	33 00-0001		Amplifiers (27 51 33)		
27 51	33 00-0002	EA	10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	328.40	86.10
27 51	33 00-0003	EA	35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	445.47	86.10
27 51	33 00-0004	EA	60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	520.62	86.10
27 51	33 00-0005	EA	100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	574.24	86.10
27 51	33 00-0006	EA	150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	704.16	86.10
27 51	33 00-0007	EA	250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	898.44	86.10
27 51	33 00-0008	EA	Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	36.11	4.31
27 51	33 00-0009		Speakers (27 51 33)		
27 51	33 00-0010	EA	8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	141.35	23.04
27 51	33 00-0011	EA	8" Steel Baffle (Atlas Sound 51-8)	41.06	4.30
27 51	33 00-0012	EA	T-Bar Support (Atlas Sound EZ95-8)	45.15	4.30
27 51	33 00-0013	EA	8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	67.06	4.30
27 51	33 00-0014	EA	Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	67.30	7.74
27 51	33 00-0015		Accessories (27 51 33)		
27 51	33 00-0016	EA	Microphone And Stand For Audio/Video System (Bogen MBS-1000A)	170.19	10.76
27 51	33 00-0017	EA	5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	375.13	10.76
27 51	33 00-0018	EA	Weather Proof Horn For Audio/Video System (Bogen SPT5A)	105.25	21.53
27 51	33 00-0019	EA	Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	184.97	21.53
27 51	33 00-0020	EA	Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	138.34	21.50
27 51	33 00-0021	EA	Microphone Jack For Audio/Video System	70.31	21.53
27 51	33 00-0022	EA	Terminal Cabinet For Audio/Video System (Atlas 121-18)	542.45	86.10
27 51	33 00-0023	EA	Volume Control For Audio/Video System (Bogen AT10A)	67.73	21.53
27 51	33 00-0024		Remove And Reinstall Speakers (27 51 33)		
			Note: Includes storage, cleaning and supply materials.		
27 51	33 00-0025	EA	Remove And Reinstall Ceiling Mounted Speaker	120.36	

27 52 Healthcare Communications And Monitoring Systems (27 50)

27 52 23 Nurse Call/Code Blue Systems (27 52)

27 52	23 00-0001		Wireless Equipment Nurses Call Systems (27 52 23)		
			Note: Includes all mounting hardware, batteries, cable and connections. Telectronic.		
27 52	23 00-0002		Wireless Nurses Call System (27 52 23 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 52 23 00-0003 EA NurseCall Main Unit (Rechargeable Battery Included); NCM2	4,527.93	
27 52 23 00-0004 EA NurseCall Main Unit (Rechargeable Battery Included) 300+ Transmitters; NCM2S	5,084.97	
27 52 23 00-0005 EA NurseCall Local Unit (Rechargeable Battery Included), Quantity 1-5 Units; NCL2	3,167.16	
27 52 23 00-0006 EA NurseCall Local Unit (Rechargeable Battery Included), Quantity 6-10 Units; NCL2	2,581.39	
27 52 23 00-0007 EA NurseCall Local Unit (Rechargeable Battery Included), Quantity 11-15 Units; NCL2	2,325.55	
27 52 23 00-0008 EA NurseCall Local Unit (Rechargeable Battery Included), Quantity 16+ Units; NCL2	2,069.63	
27 52 23 00-0009 EA Resident Bed Station With Relay; N45	525.20	
27 52 23 00-0010 EA Bed Push Button For Use With N45 (9'); RB13-9	257.61	
27 52 23 00-0011 EA Pull Cord Replacement For S35; S35PC	19.09	
27 52 23 00-0012 EA Wall Mount Pull-Cord Transmitter/Mounting Hardware - Auto Supervision; S35S	376.78	
27 52 23 00-0013 EA Wall Mount Pull-Cord Transmitter/Mounting Hardware - Assist Tone; S35A	376.78	
27 52 23 00-0014 EA Remote Reset Button; S35R	366.28	
27 52 23 00-0015 EA Waterproof Wrist Transmitter (Automatic Supervision); S37	256.11	
27 52 23 00-0016 EA Wrist Band Replacement For S37; S37WB	23.59	
27 52 23 00-0017 EA Locate 1 Waterproof Wrist Transceiver; S37L	311.58	
27 52 23 00-0018 EA Locate 1 Beacon; IS75	989.53	
27 52 23 00-0019 EA Wireless Smoke Detector Transmitter; SD35	640.17	
27 52 23 00-0020 EA Wireless Door Contact Transmitter; RAC35	503.74	
27 52 23 00-0021 EA Wireless Time Controlled Door Contact; RAC45	503.74	
27 52 23 00-0022 EA Local Receiver With Relay (110 Volt AC); LE9	617.68	
27 52 23 00-0023 EA Voice Response Unit (Rechargeable Battery Included); S10	1,056.03	
27 52 23 00-0024 EA Alarm Receiving Unit (Rechargeable Battery Included); ARU	2,082.70	
27 52 23 00-0025 EA NurseCall Programming Software; NPS	5,666.15	
27 52 23 00-0026 EA NurseCall Printer Interface; NCPI	1,936.55	
27 52 23 00-0027 EA NurseCall Computer Center (Includes NurseCall Software, PC, Monitor, Printer And UPS); NCCN	9,923.88	
27 52 23 00-0028 EA 9V NiMH Rechargeable Battery (Replacement For S10, NCM2, And NCL2); NMH9R	47.38	
27 52 23 00-0029 EA 6V Lithium Battery (Replacement For S35 And RAC35); LIT6	42.88	
27 52 23 00-0030 EA 9V Alkaline Battery (Replacement For N45); ALK9	21.90	
27 52 23 00-0031 EA Giant LED Single Sided Display; NCGD	9,751.88	
27 52 23 00-0032 EA Serial Printer; NCSP	1,022.49	
27 52 23 00-0033 EA Modular Duplex T-Adapter (Replacement For S10); SE-486A	22.09	
27 52 23 00-0034 EA AC Adapter (Replacement For S10); STA-4110A	40.08	
27 52 23 00-0035 EA S10 Phone Cord (Replacement For S10); STC	22.09	
27 52 23 00-0036 EA Waveware Paging System, Use With NCCN (Dell Computer); SPS-5	4,388.83	
27 52 23 00-0037 EA Waveware Pagers; DAP-040	617.19	
27 52 23 00-0038 Wireless Nurses Call Tele/Management System (27 52 23 00-0001)		
27 52 23 00-0039 EA Tele/Management Unit; TP12	2,583.77	
27 52 23 00-0040 EA Tele/Management Software; TP12S	2,326.29	
27 52 23 00-0041 Wireless Nurses Call Paging System (27 52 23 00-0001)		
27 52 23 00-0042 EA Standard Paging System (2.5 Watt Transmitter); RPE673	7,335.89	
27 52 23 00-0043 EA Replacement Antenna For RPE673; RPE673AN	511.72	
27 52 23 00-0044 EA Replacement Power For RPE673; RPE673PS	682.63	
27 52 23 00-0045 EA Alphanumeric Pager; RPR583	831.05	
27 52 23 00-0046 EA Replacement Holster For RPR583; RPR583H	48.67	
27 52 23 00-0047 Wireless Nurses Call System (Fisher-Berkley) (27 52 23 00-0001)		
Note: Repair Parts: Alco Sales		
27 52 23 00-0048 EA Staff Station (Fisher-Berkley AL-59900R)	519.86	
27 52 23 00-0049 EA Area Central Module (Fisher-Berkley AL-59901R)	425.21	
27 52 23 00-0050 EA Dual Patient (Fisher-Berkley AL-59902R)	488.36	
27 52 23 00-0051 EA Code Blue (Fisher-Berkley AL-59903R)	299.00	
27 52 23 00-0052 EA Bath Emergency Station (Fisher-Berkley AL-59904R)	435.72	
27 52 23 00-0053 EA Single Station With Sidecom (Fisher-Berkley AL-59905R)	551.41	
27 52 23 00-0054 EA Dual Station With Sidecom (Fisher-Berkley AL-59906R)	731.12	
27 52 23 00-0055 EA Single Patient Station (Fisher-Berkley AL-59907R)	320.04	
27 52 23 00-0056 EA Duty Station (Fisher-Berkley AL-59908R)	341.07	
27 52 23 00-0057 EA Master Station (Fisher-Berkley AL-59909R)	3,753.17	
27 52 23 00-0058 EA Station In/Out Board (Fisher-Berkley AL-59910R)	1,879.31	
27 52 23 00-0059 EA Power Supply (Fisher-Berkley AL-59911R)	1,873.81	
27 52 23 00-0060 EA Pillow Speaker (Fisher-Berkley AL-59913R)	404.17	
27 52 23 00-0061 EA Staff Presence Station (Fisher-Berkley AL-59914R)	320.04	
27 52 23 00-0062 EA HB System Patient Station (Fisher-Berkley AL-59915R)	351.59	
27 52 23 00-0063 EA HB System Staff Station (Fisher-Berkley AL-59916R)	330.55	
27 52 23 00-0064 EA Station In/Out Board Expdr (Fisher-Berkley AL-59917R)	1,562.88	
27 52 23 00-0065 EA Master In/Out Board (Fisher-Berkley AL-59918R)	1,289.44	
27 52 23 00-0066 EA MMC Central Processor Unit (Fisher-Berkley AL-59919R)	1,558.67	
27 52 23 00-0067 Equipment Nurses Call Systems (27 52 23)		
27 52 23 00-0068 EA Nurses Call System, Page/Talk Relay Intercommunication Equipment	172.33	44.71
27 52 23 00-0069 EA Nurses Call System, Main Equipment Panel Intercommunication Equipment	1,699.24	178.82
27 52 23 00-0070 EA Nurses Call System, Re-Entrant Horn Intercommunication Equipment	187.23	58.46
27 52 23 00-0071 EA Nurses Call System, Nurses Control Station Intercommunication Equipment	945.00	171.94
27 52 23 00-0072 EA Nurses Call System, Duty Station Intercommunication Equipment	457.69	134.11
27 52 23 00-0073 EA Nurses Call System, Staff Station Intercommunication Equipment	227.48	44.71
27 52 23 00-0074 EA Nurses Call System, Single Bedside Station Intercommunication Equipment	216.58	44.71
27 52 23 00-0075 EA Nurses Call System, Double Bedside Station Intercommunication Equipment	335.82	78.23
27 52 23 00-0076 EA Nurses Call System, Emergency Call Button Intercommunication Equipment	105.46	34.38
27 52 23 00-0077 EA Nurses Call System, Pull Cord Button Intercommunication Equipment	98.44	34.38
27 52 23 00-0078 EA Nurses Call System, Single Dome Light Intercommunication Equipment	70.22	22.35

27 Communications
27 50 Distributed Communications And Monitoring Systems
27 52 Healthcare Communications And Monitoring Systems



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

27 52 23 00-0079	EA		Nurses Call System, Double Dome Light Intercommunication Equipment.....	102.46	34.38
27 52 23 00-0080	EA		Nurses Call System, Pillow Speaker Intercommunication Equipment.....	142.61	22.35
27 52 23 00-0081	EA		Nurses Call System, Cord Set Intercommunication Equipment	75.50	22.35
27 52 23 00-0082	EA		Nurse Call System, Master-20 Station.....	3,397.78	171.94
27 52 23 00-0083	EA		Dukane Duty Station - Tone Only, PC1000	603.66	134.20

27 53 Distributed Systems (27 50)

27 53 13 Clock Systems (27 53)

27 53 13 00-0001	Wired Self-Corrective Clock Systems <small>(27 53 13)</small>				
27 53 13 00-0002	Wired Self-Corrective Clocks <small>(27 53 13 00-0001)</small>				
27 53 13 00-0003	Analog, Wired Self-Corrective Clocks (Telecor) <small>(27 53 13 00-0002)</small>				
27 53 13 00-0004	24 Volt AC, Analog, Wired Self-Corrective Clocks <small>(27 53 13 00-0003)</small>				

27 53 13 00-0005	EA	12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	183.28	21.50	
		<i>For >50 To 100, Deduct</i>	-12.05		
		<i>For >100, Deduct</i>	-17.66		
27 53 13 00-0006	EA	12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	433.68	21.50	
		<i>For >50 To 100, Deduct</i>	-22.06		
		<i>For >100, Deduct</i>	-37.69		
27 53 13 00-0007	EA	16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	229.45	21.50	
		<i>For >50 To 100, Deduct</i>	-15.76		
		<i>For >100, Deduct</i>	-23.22		
27 53 13 00-0008	EA	16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	572.20	21.50	
		<i>For >50 To 100, Deduct</i>	-59.36		
		<i>For >100, Deduct</i>	-80.52		

27 53 13 00-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 00-0003)

27 53 13 00-0010	EA	12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	183.28	21.50	
		<i>For >50 To 100, Deduct</i>	-12.05		
		<i>For >100, Deduct</i>	-17.66		
27 53 13 00-0011	EA	12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	433.68	21.50	
		<i>For >50 To 100, Deduct</i>	-22.06		
		<i>For >100, Deduct</i>	-37.69		
27 53 13 00-0012	EA	16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount.....	229.45	21.50	
		<i>For >50 To 100, Deduct</i>	-15.76		
		<i>For >100, Deduct</i>	-23.22		
27 53 13 00-0013	EA	16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	572.20	21.50	
		<i>For >50 To 100, Deduct</i>	-59.36		
		<i>For >100, Deduct</i>	-80.52		

27 53 13 00-0014 Accessories For Analog Wired Self-Corrective Clocks (27 53 13 00-0003)

27 53 13 00-0015	EA	Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks.....	150.25	10.74	
27 53 13 00-0016	EA	Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	39.26	10.74	
27 53 13 00-0017	EA	Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	49.48	10.74	
27 53 13 00-0018	EA	Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	60.13	10.74	
27 53 13 00-0019	EA	Combination Back Box For Speaker And Clock.....	88.96	17.20	

27 53 13 00-0020 Digital, Wired Self-Corrective Clocks (Telecor) (27 53 13 00-0002)

27 53 13 00-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 00-0020)

27 53 13 00-0022	EA	2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	225.90	21.50	
		<i>For Surface Mount, Add</i>	36.58		
		<i>For >50 To 100, Deduct</i>	-10.98		
		<i>For >100, Deduct</i>	-18.29		
27 53 13 00-0023	EA	4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	346.66	21.50	
		<i>For Surface Mount, Add</i>	60.74		
		<i>For >50 To 100, Deduct</i>	-18.22		
		<i>For >100, Deduct</i>	-30.37		

27 53 13 00-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 00-0020)

27 53 13 00-0025	EA	2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	225.90	21.50	
		<i>For Surface Mount, Add</i>	36.58		
		<i>For >50 To 100, Deduct</i>	-10.98		
		<i>For >100, Deduct</i>	-18.29		
27 53 13 00-0026	EA	4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	346.66	21.50	
		<i>For Surface Mount, Add</i>	60.74		
		<i>For >50 To 100, Deduct</i>	-18.22		
		<i>For >100, Deduct</i>	-30.37		

27 53 13 00-0027 Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 00-0020)

27 53 13 00-0028	EA	2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	193.49	21.50	
		<i>For >50 To 100, Deduct</i>	-9.03		
		<i>For >100, Deduct</i>	-15.05		
27 53 13 00-0029	EA	4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	317.36	21.50	
		<i>For >50 To 100, Deduct</i>	-16.46		
		<i>For >100, Deduct</i>	-27.44		

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	---------------------------	-------------------------

27 53 13 00-0030	Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks <small>(27 53 13 00-0020)</small>		
27 53 13 00-0031	EA 2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	193.49	21.50
	<i>For >50 To 100, Deduct</i>	-9.03	
	<i>For >100, Deduct</i>	-15.05	
27 53 13 00-0032	EA 4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	317.36	21.50
	<i>For >50 To 100, Deduct</i>	-16.46	
	<i>For >100, Deduct</i>	-27.44	
27 53 13 00-0033	Accessories For Digital Wired Self-Corrective Clocks <small>(27 53 13 00-0020)</small>		
27 53 13 00-0034	EA Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	204.42	10.74
27 53 13 00-0035	EA 2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	49.91	10.74
27 53 13 00-0036	EA 4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	68.56	10.74
27 53 13 00-0037	EA Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks.....	178.67	10.74
27 53 13 00-0038	EA 4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	51.25	10.74
27 53 13 00-0039	Wired Self-Corrective Master Clocks <small>(27 53 13 00-0001)</small>		
27 53 13 00-0040	Wired Self-Corrective Master Clocks <small>(27 53 13 00-0039)</small>		
27 53 13 00-0041	EA 24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	2,116.22	171.94
27 53 13 00-0042	EA 120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	2,249.42	171.94
27 53 13 00-0043	Accessories For Wired Self-Corrective Master Clocks <small>(27 53 13 00-0039)</small>		
27 53 13 00-0044	EA 5 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	220.50	42.98
27 53 13 00-0045	EA 10 Amp Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	248.46	42.98
27 53 13 00-0046	Other Clock And Program Systems <small>(27 53 13)</small>		
27 53 13 00-0047	EA 4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	1,040.15	85.97
27 53 13 00-0048	EA 8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	1,294.40	171.94
27 53 13 00-0049	EA Program Bell (Lathem 906-6).....	169.57	42.98
27 53 13 00-0050	EA Combination Clock And Speaker.....	390.32	107.46

END OF SECTION 27

27 Communications

27 50 Distributed Communications And Monitoring Systems

27 53 Distributed Systems

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

28 Electronic Safety And Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results For Electronic Safety And Security ⁽²⁸⁾

28 05 13 Conductors And Cables For Electronic Safety And Security ^(28 05)

28 05 13 16 Access Control Communications Conductors And Cables ^(28 05 13)

See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable.

28 05 13 23 Fire Alarm Communications Conductors And Cables ^(28 05 13)

28 05 13 23-0001	Fire Alarm/Life Safety Cable ^(28 05 13 23)		
28 05 13 23-0002	Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable ^(28 05 13 23-0001)		
28 05 13 23-0003	Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit ^(28 05 13 23-0002)		
28 05 13 23-0004	MLF 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,585.38	584.93
28 05 13 23-0005	MLF 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,025.43	606.09
28 05 13 23-0006	MLF 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,809.26	664.88
28 05 13 23-0007	MLF 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,517.74	688.62
28 05 13 23-0008	MLF 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,092.33	744.33
28 05 13 23-0009	MLF 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	3,106.28	771.14
28 05 13 23-0010	MLF 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,751.98	851.10
28 05 13 23-0011	MLF 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	4,335.23	881.44
28 05 13 23-0012	Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed ^(28 05 13 23-0002)		
28 05 13 23-0013	MLF 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,560.28	1,170.04
28 05 13 23-0014	MLF 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,035.57	1,212.17
28 05 13 23-0015	MLF 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,917.41	1,329.95
28 05 13 23-0016	MLF 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,665.42	1,377.23
28 05 13 23-0017	MLF 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,332.86	1,488.99
28 05 13 23-0018	MLF 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,391.53	1,542.29
28 05 13 23-0019	MLF 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,170.48	1,702.19
28 05 13 23-0020	MLF 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	5,804.44	1,763.23
28 05 13 23-0021	Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit ^(28 05 13 23-0001)		
28 05 13 23-0022	MLF 2/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	930.58	478.67
28 05 13 23-0023	MLF 4/c #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,021.70	495.70
28 05 13 23-0024	MLF 2/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,130.29	584.93
28 05 13 23-0025	MLF 3/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,225.15	595.51
28 05 13 23-0026	MLF 4/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,280.07	606.09
28 05 13 23-0027	MLF 6/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,465.79	627.23
28 05 13 23-0028	MLF 8/c #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,738.70	648.38
28 05 13 23-0029	MLF 2/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,330.97	664.88
28 05 13 23-0030	MLF 4/c #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,538.24	688.62
28 05 13 23-0031	MLF 2/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,559.89	744.33
28 05 13 23-0032	MLF 4/c #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,890.81	771.14
28 05 13 23-0033	MLF 2/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,943.81	851.10

28 Electronic Safety And Security
28 05 Common Work Results For Electronic Safety And Security
28 05 13 Conductors And Cables For Electronic Safety And Security

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 05 13 23-0034	MLF	4/c #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,486.48	881.44
28 05 13 23-0035		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(28 05 13 23-0001)</small>		
28 05 13 23-0036		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(28 05 13 23-0035)</small>		
28 05 13 23-0037	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	920.13	478.67
28 05 13 23-0038	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,123.50	584.93
28 05 13 23-0039	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,290.77	595.51
28 05 13 23-0040	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,298.24	606.09
28 05 13 23-0041	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,560.62	627.23
28 05 13 23-0042	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,320.71	664.88
28 05 13 23-0043	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,561.26	688.62
28 05 13 23-0044	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,513.71	744.33
28 05 13 23-0045	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,074.34	771.14
28 05 13 23-0046	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,928.72	851.10
28 05 13 23-0047	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,765.10	881.44
28 05 13 23-0048		Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(28 05 13 23-0035)</small>		
28 05 13 23-0049	MLF	2/c #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,717.93	957.70
28 05 13 23-0050	MLF	2/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,098.40	1,170.04
28 05 13 23-0051	MLF	3/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,282.86	1,190.68
28 05 13 23-0052	MLF	4/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,308.38	1,212.17
28 05 13 23-0053	MLF	6/c #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,606.00	1,254.30
28 05 13 23-0054	MLF	2/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,428.86	1,329.95
28 05 13 23-0055	MLF	4/c #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,708.94	1,377.23
28 05 13 23-0056	MLF	2/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,754.24	1,488.99
28 05 13 23-0057	MLF	4/c #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,359.59	1,542.29
28 05 13 23-0058	MLF	2/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,347.22	1,702.19
28 05 13 23-0059	MLF	4/c #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,234.31	1,763.23
28 05 13 23-0060		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(28 05 13 23-0001)</small>		
28 05 13 23-0061		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(28 05 13 23-0060)</small>		
28 05 13 23-0062	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	963.15	478.67
28 05 13 23-0063	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,154.22	584.93
28 05 13 23-0064	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,404.81	595.51
28 05 13 23-0065	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,329.68	606.09
28 05 13 23-0066	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,592.77	627.23
28 05 13 23-0067	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,391.32	664.88
28 05 13 23-0068	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,593.92	688.62
28 05 13 23-0069	MLF	2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,666.00	744.33
28 05 13 23-0070	MLF	4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	1,997.98	771.14
28 05 13 23-0071	MLF	2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,041.41	851.10
28 05 13 23-0072	MLF	4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit	2,533.26	881.44
28 05 13 23-0073		Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(28 05 13 23-0060)</small>		
28 05 13 23-0074	MLF	2/c #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	1,760.95	957.70
28 05 13 23-0075	MLF	2/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,129.12	1,170.04
28 05 13 23-0076	MLF	3/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,396.90	1,190.68
28 05 13 23-0077	MLF	4/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,339.82	1,212.17
28 05 13 23-0078	MLF	6/c #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,638.15	1,254.30
28 05 13 23-0079	MLF	2/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,499.47	1,329.95
28 05 13 23-0080	MLF	4/c #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,741.60	1,377.23

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

28 05 13 23-0081	MLF 2/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,906.53	1,488.99
28 05 13 23-0082	MLF 4/c #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,283.23	1,542.29
28 05 13 23-0083	MLF 2/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,459.91	1,702.19
28 05 13 23-0084	MLF 4/c #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,002.47	1,763.23

28 05 26 Grounding And Bonding For Electronic Safety And Security (28 05)

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 28 Pathways For Electronic Safety And Security (28 05)

28 05 28 29 Hangers And Supports For Electronic Safety And Security (28 05 28)

See CSI section 26 05 29 00-0000 for hangers and supports.

28 05 28 33 Conduits And Backboxes For Electronic Safety And Security (28 05 28)

See CSI section 26 05 33 13-0000 for conduits.

28 05 28 36 Cable Trays For Electronic Safety And Security (28 05 28)

See CSI section 26 05 36 00-0000 for cable trays.

28 05 28 39 Surface Raceways For Electronic Safety And Security (28 05 28)

See CSI section 26 05 33 23-0000 for surface raceways.

28 05 53 Identification For Electronic Safety And Security (28 05)

See CSI section 26 05 53 00-0000 for identification.

28 10 Electronic Access Control And Intrusion Detection (28)

Note: Includes testing of new devices and certification.

28 13 Access Control (28 10)

28 13 33 Access Control Interfaces (28 13)

28 13 33 16 Access Control Interfaces to Access Control Hardware (28 13 33)

28 13 33 16-0001 Stand Alone Access Controls (28 13 33 16)

28 13 33 16-0002 Push Button Controls, Stand Alone Access Controls (28 13 33 16-0001)

28 13 33 16-0003 Interior Mount, Push Button Controls, Stand Alone Access Controls (28 13 33 16-0002)

28 13 33 16-0004	EA Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	78.98	21.50
Note: Controls mount to a standard mullion.			

28 13 33 16-0005	EA Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls	81.98	21.50
Note: Controls mount into a single gang electrical box. Excludes electrical box.			

28 13 33 16-0006	EA Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators	99.23	21.50
Note: Controls mount into a single gang electrical box. Excludes electrical box.			

28 13 33 16-0007 Exterior Mount, Push Button Controls, Stand Alone Access Controls (28 13 33 16-0002)

28 13 33 16-0008	EA Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	94.98	21.50
Note: Controls mount into a single gang electrical box. Excludes electrical box.			

28 13 33 16-0009	EA 42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls	427.96	64.48
Note: Includes post, mounting base and push button control. Excludes concrete foundation.			

28 13 33 16-0010	EA Three Button, Exterior Stand Alone Access Controls For Gate Operators	144.23	21.50
Note: Includes open, close and stop controls.			

28 13 33 16-0011 Key Controls, Stand Alone Access Controls (28 13 33 16-0001)

28 13 33 16-0012 Interior Mount, Key Controls, Stand Alone Access Controls (28 13 33 16-0011)

28 13 33 16-0013	EA Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls	104.86	21.50
Note: Controls mount into a single gang electrical box. Excludes electrical box.			

28 13 33 16-0014 Exterior Mount, Key Controls, Stand Alone Access Controls (28 13 33 16-0011)

28 13 33 16-0015	EA Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls	168.47	42.98
Note: Opens door or gate with a postal or fire department key.			

28 13 33 16-0016	EA Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls	247.97	42.98
------------------	---	--------	-------

28 13 33 16-0017	EA Ace Key, Key Controls, Exterior Stand Alone Access Controls	247.97	42.98
------------------	--	--------	-------

28 13 33 16-0018	EA Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls	361.97	42.98
------------------	--	--------	-------

28 13 33 16-0019 Keypad Controls, Stand Alone Access Controls (28 13 33 16-0001)

28 13 33 16-0020 Interior Mount, Keypad Controls, Stand Alone Access Controls (28 13 33 16-0019)

28 13 33 16-0021	EA One Code Memory, Keypad Control, Interior Stand Alone Access Controls	140.48	21.50
Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.			

28 13 33 16-0022 Exterior Mount, Keypad Controls, Stand Alone Access Controls (28 13 33 16-0019)

Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 13 33 16-0023 Keypad Controls, Exterior Stand Alone Access Controls (28 13 33 16-0022)

28 Electronic Safety And Security
28 10 Electronic Access Control And Intrusion Detection
28 13 Access Control

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0024	EA		1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	584.44 92.81	85.97
28 13 33 16-0025			Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls (28 13 33 16-0022) Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 13 33 16-0026	EA		1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls..... Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	703.43 114.75	96.72
28 13 33 16-0027			RF Controls, Stand Alone Access Controls (28 13 33 16-0001)		
28 13 33 16-0028			Exterior Mount, RF Controls, Stand Alone Access Controls (28 13 33 16-0027) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 13 33 16-0029			RF Receivers, RF Controls, Exterior Stand Alone Access Controls (28 13 33 16-0028) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 13 33 16-0030	EA		50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	374.44	85.97
28 13 33 16-0031	EA		100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	414.94	85.97
28 13 33 16-0032	EA		250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	453.94	85.97
28 13 33 16-0033	EA		500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	495.94	85.97
28 13 33 16-0034	EA		1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	534.94	85.97
28 13 33 16-0035	EA		5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	576.94	85.97
28 13 33 16-0036	EA		16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls.....	615.94	85.97
28 13 33 16-0037			RF Transmitters, RF Controls, Exterior Stand Alone Access Controls (28 13 33 16-0028)		
28 13 33 16-0038	EA		1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	25.50 -1.28 -2.55 5.10	
28 13 33 16-0039	EA		2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	27.00 -1.35 -2.70 5.40	
28 13 33 16-0040	EA		3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls..... <i>For >40 To 110, Deduct</i> <i>For >110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	28.50 -1.43 -2.85 5.70	
28 13 33 16-0041			Accessories For RF Receivers, Exterior Stand Alone Access Controls (28 13 33 16-0028)		
28 13 33 16-0042	EA		Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 15' of coax cable.	164.96	64.48
28 13 33 16-0043	EA		Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls Note: Includes 20' of coax cable.	278.96	64.48
28 13 33 16-0044	EA		Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls..... Note: Includes 15' of coax cable.	257.96	64.48
28 13 33 16-0045			Proximity Card Controls, Stand Alone Access Controls (28 13 33 16-0001)		
28 13 33 16-0046			Exterior Mount, Proximity Card Controls, Stand Alone Access Controls (28 13 33 16-0045) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0047			DKS Proximity Card Controls, Exterior Stand Alone Access Controls (28 13 33 16-0046)		
28 13 33 16-0048			DKS Proximity Card Readers, Exterior Stand Alone Access Controls (28 13 33 16-0047)		
28 13 33 16-0049	EA		DKS Proximity Card Reader, Exterior Stand Alone Access Controls.....	659.44	85.97
28 13 33 16-0050			AWID Proximity Card Controls, Exterior Stand Alone Access Controls (28 13 33 16-0046)		
28 13 33 16-0051			AWID Proximity Card Readers, Exterior Stand Alone Access Controls (28 13 33 16-0050)		
28 13 33 16-0052	EA		AWID Proximity Card Reader, Exterior Stand Alone Access Controls.....	711.94	85.97
28 13 33 16-0053			HID Proximity Card Controls, Exterior Stand Alone Access Controls (28 13 33 16-0046)		
28 13 33 16-0054			HID Proximity Card Readers, Exterior Stand Alone Access Controls (28 13 33 16-0053)		
28 13 33 16-0055	EA		HID Proximity Card Reader, Exterior Stand Alone Access Controls.....	831.94	85.97
28 13 33 16-0056			Magnetic Stripe Card Controls, Stand Alone Access Controls (28 13 33 16-0001)		
28 13 33 16-0057			Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls (28 13 33 16-0056)		
28 13 33 16-0058	EA		Magnetic Stripe Reader, Interior Stand Alone Access Controls.....	419.44	85.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0059 Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 13 33 16-0056)</small>		
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 13 33 16-0060 EA Magnetic Stripe Reader, Exterior Stand Alone Access Controls.....	504.14	85.97
28 13 33 16-0061 Other Stand Alone Access Controls <small>(28 13 33 16-0001)</small>		
28 13 33 16-0062 EA Toggle Switch, Interior Access Controls For Gate Operators	76.73	21.50
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 13 33 16-0063 Wiegand Output Access Controls <small>(28 13 33 16)</small>		
Note: Excludes controllers.		
28 13 33 16-0064 Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>		
28 13 33 16-0065 DKS, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
28 13 33 16-0066 DKS, Proximity Cards <small>(28 13 33 16-0065)</small>		
28 13 33 16-0067 EA Clamshell Type, DKS Proximity Card (DKS 170).....	3.99	
28 13 33 16-0068 EA ISO Compliant Graphics Card, DKS Proximity Card (DKS 80).....	6.58	
28 13 33 16-0069 EA DKS Proximity Key Fob (DKS 50).....	6.93	
28 13 33 16-0070 EA Active Tag, DKS Proximity Tag (DKS 150)	39.20	
Note: Battery powered tag to boost signal.		
28 13 33 16-0071 EA Active Tag, DKS Proximity Tag (DKS 200)	51.10	
Note: Battery powered tag to boost signal.		
28 13 33 16-0072 DKS, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0065)</small>		
28 13 33 16-0073 EA Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small).....	294.72	107.46
28 13 33 16-0074 EA Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion)	294.72	107.46
28 13 33 16-0075 EA Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang)	294.72	107.46
28 13 33 16-0076 EA Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS).....	668.52	107.46
Note: Includes mounting bracket and 12 VDC regulated power supply.		
28 13 33 16-0077 AWID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
28 13 33 16-0078 AWID, Proximity Cards <small>(28 13 33 16-0077)</small>		
28 13 33 16-0079 EA Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS).....	3.36	
28 13 33 16-0080 EA ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR).....	5.25	
28 13 33 16-0081 EA AWID Proximity Key Fob (AWID Prox-Linc KT).....	5.60	
28 13 33 16-0082 EA Windshield Tag For LR 2000 Readers, AWID Proximity Tag	19.60	
28 13 33 16-0083 EA Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag	19.60	
28 13 33 16-0084 AWID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0077)</small>		
28 13 33 16-0085 EA Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)	340.92	107.46
Note: For mullion mounting.		
28 13 33 16-0086 EA Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)	441.72	107.46
Note: For mullion mounting.		
28 13 33 16-0087 EA Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)	441.72	107.46
Note: For single gang electrical box mounting.		
28 13 33 16-0088 EA Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824).....	669.92	107.46
Note: Includes 12 VDC regulated power supply.		
28 13 33 16-0089 EA Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)	3,408.32	107.46
Note: Includes mounting bracket and 12 VDC regulated power supply.		
28 13 33 16-0090 HID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0064)</small>		
28 13 33 16-0091 HID, Proximity Cards <small>(28 13 33 16-0090)</small>		
28 13 33 16-0092 EA Clamshell Type, HID Proximity Card (HID ProxCard II).....	10.50	
28 13 33 16-0093 EA ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II).....	13.02	
28 13 33 16-0094 EA HID Proximity Key Fob (HID ProxKey II)	13.30	
28 13 33 16-0095 HID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0090)</small>		
28 13 33 16-0096 EA Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	337.66	107.46
Note: For mullion mounting. (HID P/N 6005).		
28 13 33 16-0097 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	387.26	107.46
Note: For single gang electrical box mounting. (HID P/N 5395).		
28 13 33 16-0098 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx)	424.45	107.46
Note: For mullion mounting. (HID P/N 5365).		
28 13 33 16-0099 EA EntryProx Single-Door Proximity Access Control	524.88	107.46
Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument C1CR2358P.		

28 Electronic Safety And Security
28 10 Electronic Access Control And Intrusion Detection
28 13 Access Control

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
28 13 33 16-0100		Contactless Smart Card Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>			
28 13 33 16-0101		HID, Contactless Smart Cards <small>(28 13 33 16-0100)</small>			
28 13 33 16-0102	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card.....	6.16		
28 13 33 16-0103	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card.....	6.72		
28 13 33 16-0104	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card.....	8.80		
28 13 33 16-0105	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card.....	4.76		
		Note: Battery powered tag to boost signal.			
28 13 33 16-0106		HID, Contactless Smart Card Readers, Wiegand Output Access Controls <small>(28 13 33 16-0100)</small>			
28 13 33 16-0107	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10).....	326.02	107.46	
		Note: For mullion mounting.			
28 13 33 16-0108	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40).....	418.42	107.46	
		Note: For mullion mounting.			
28 13 33 16-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40).....	626.32	107.46	
		Note: For mullion mounting.			
28 13 33 16-0110		HID, Contactless Smart Card Programmer, Wiegand Output Access Controls <small>(28 13 33 16-0100)</small>			
28 13 33 16-0111	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400).....	1,795.62	107.46	
		Note: For mullion mounting.			
28 13 33 16-0112		Call Station Controls, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>			
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.			
28 13 33 16-0113	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls.....	754.92	107.46	
		Note: For mullion mounting.			
28 13 33 16-0114	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls.....	642.42	107.46	
		Note: For mullion mounting.			
28 13 33 16-0115		Biometrics Readers, Wiegand Output Access Controls <small>(28 13 33 16-0063)</small>			
28 13 33 16-0116	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls.....	3,097.89	85.97	
28 13 33 16-0117	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls.....	3,770.24	85.97	
28 13 33 16-0118	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls.....	1,523.42	85.97	
28 13 33 16-0119	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass).....	936.44	85.97	
28 13 33 16-0120	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox).....	1,035.44	85.97	
28 13 33 16-0121	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart).....	936.44	85.97	
28 13 33 16-0122		Exterior Mounting Posts For Gate Operator Access Controls <small>(28 13 33 16)</small>			
		Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.			
28 13 33 16-0123		2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls <small>(28 13 33 16-0122)</small>			
28 13 33 16-0124	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	195.55	17.52	
		Note: Includes a 5" x 5" base plate.			
28 13 33 16-0125	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	372.55	17.52	
		Note: Includes an 8" x 8" base plate.			
28 13 33 16-0126	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	177.55	17.52	
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.			
28 13 33 16-0127		4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls <small>(28 13 33 16-0122)</small>			
28 13 33 16-0128	EA	59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	344.05	17.52	
		Note: Includes an 8" x 8" base plate.			
28 13 33 16-0129	EA	49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	410.05	17.52	
		Note: Includes an 8" x 8" base plate and a 14" offset from back of post.			
28 13 33 16-0130	EA	Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	252.55	17.52	
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.			
28 13 33 16-0131		4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls <small>(28 13 33 16-0122)</small>			
28 13 33 16-0132	EA	59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,107.55	17.52	
		Note: Includes a 11" x 13" base plate.			
28 13 33 16-0133	EA	50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	1,160.05	17.52	
		Note: Includes a 10" x 14" base plate and a 14" offset from back of post.			
28 13 33 16-0134	EA	Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	477.55	17.52	
		Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.			
28 13 33 16-0135	EA	48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	762.55	17.52	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0136		Magnetic Locks (28 13 33 16) Note: Excludes access controls.		
28 13 33 16-0137		Magnetic Door Locks (28 13 33 16-0136)		
28 13 33 16-0138		300 LB Magnetic Door Locks (28 13 33 16-0137)		
28 13 33 16-0139	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock.....	350.44	85.97
28 13 33 16-0140		600 LB Magnetic Door Locks (28 13 33 16-0137)		
28 13 33 16-0141	EA	Single Door, Surface Mount, 600 LB Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	474.19 37.78 75.56 -60.45	85.97
28 13 33 16-0142	EA	Dual Doors, Surface Mount, 600 LB Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	677.44 63.19 126.38	85.97
28 13 33 16-0143		1,200 LB Magnetic Door Locks (28 13 33 16-0137)		
28 13 33 16-0144	EA	Single Door, Surface Mount, 1,200 LB Magnetic Door Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	492.94 73.83 96.30	85.97
28 13 33 16-0145	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	717.94 125.58 163.80	85.97
28 13 33 16-0146		2,000 LB Shear Lock, Magnetic And Mechanical Locks (28 13 33 16-0137) Note: Includes LED status indicator and built-in signal relay.		
28 13 33 16-0147	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock.....	513.19	85.97
28 13 33 16-0148		Magnetic Gate Locks (28 13 33 16-0136)		
28 13 33 16-0149		600 LB Magnetic Gate Locks (28 13 33 16-0148)		
28 13 33 16-0150	EA	600 LB Magnetic Gate Lock.....	399.94	85.97
28 13 33 16-0151		1,200 LB Magnetic Gate Locks (28 13 33 16-0148)		
28 13 33 16-0152	EA	1,200 LB Magnetic Gate Lock..... For LED Status Indicator And Signal Relay, Add For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add For Mortise Mount, Deduct	468.19 37.03 74.06 -59.25	85.97
28 13 33 16-0153		Magnetic Lock Power Supply And Chargers (28 13 33 16-0136) Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 13 33 16-0154	EA	12/24 Volt DC At 1 Amp, Magnetic Lock Backup Power Supply And Charger.....	312.62	85.97
28 13 33 16-0155	EA	12/24 Volt DC At 2-1/2 Amp, Magnetic Lock Backup Power Supply And Charger	380.62	85.97
28 13 33 16-0156	EA	12 Volt DC At 4 Amp And 24 Volt DC At 3 Amp, Magnetic Lock Backup Power Supply And Charger	420.62	85.97
28 13 33 16-0157	EA	12/24 Volt DC At 6 Amp, Magnetic Lock Backup Power Supply And Charger.....	512.62	85.97
28 13 33 16-0158		Access Control Accessories (28 13 33 16)		
28 13 33 16-0159	EA	Modem: Multitech, Mt2834L.....	1,290.84	
28 13 33 16-0160	EA	6 Volt DC, 12 Volt DC, Or 24 Volt DC, @ 4 Amps, Power Supply/Charger (Altronix SMP-5)	349.06	
28 13 33 16-0161	EA	12 Volt, 7 Amp, Battery	42.86	
28 13 33 16-0162	EA	12 Volt, 18 Amp, Battery	95.53	
28 13 33 16-0163	EA	Door Personality Module (Sensormatic RM-4).....	378.09	21.50
28 13 33 16-0164	EA	Mini-Alert Door Ajar Sounder (System Sensor PA400).....	167.47	42.98
28 13 33 16-0165	EA	Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C)	62.70	25.80
28 13 33 16-0166	EA	Access Control Systems Power Supply (Altronix AL400ULACMCB)	400.00	17.20
28 13 33 16-0167	EA	Surge Suppressor (Tripp-Lite IBAR4).....	61.28	4.31
28 13 33 16-0168	EA	Door Strike Relay (Altronix RBSN-TTL).....	50.64	17.20
28 13 33 16-0169		Access Controllers (28 13 33 16)		
28 13 33 16-0170		Microterm Controller (28 13 33 16-0169)		
28 13 33 16-0171	EA	Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments C1CP1100)..... Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	977.22	107.46
28 13 33 16-0172	EA	Microterm PC Board (Continental Instruments C1CP1100PCB)	688.56	64.48
28 13 33 16-0173	EA	Battery Standby For Microterm (Continental Instruments C1CP1100BAT-2)	317.27	
		Note: Input 120VAC, output 12VDC to temporarily power the Microterm only.		
28 13 33 16-0174		Miniterm Controller (28 13 33 16-0169)		
28 13 33 16-0175	EA	Miniterm Two Reader Processing Panel (Continental Instrument C1CP1200)	1,500.57	107.46
		Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 13 33 16-0176	EA	Miniterm PC Board (Continental Instrument C1CP1200PCB)	1,116.32	64.48
28 13 33 16-0177		Super-2 Controller (28 13 33 16-0169)		

28 Electronic Safety And Security
28 10 Electronic Access Control And Intrusion Detection
28 13 Access Control

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0178	EA		Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	1,124.30	107.46
28 13 33 16-0179	EA		Super-Two - PC Board (Continental Instruments CICIP1300BD)	756.71	64.48
28 13 33 16-0180	EA		Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD)..... Note: Optional on-board adapter allows for communication over TCP/IP.	223.97	64.48
28 13 33 16-0181			Smarterm Controller <small>(28 13 33 16-0169)</small>		
28 13 33 16-0182	EA		Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	3,104.89	128.96
28 13 33 16-0183	EA		Smarterm PC Board (Continental Instrument CICIP1400PCB)	2,363.17	64.48
28 13 33 16-0184	EA		Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	931.78	64.48
28 13 33 16-0185	EA		Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	1,316.25	64.48
28 13 33 16-0186	EA		Smarterm Relay Expander Board (Continental Instrument CICIP1400RB)	1,028.15	64.48
28 13 33 16-0187	EA		Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB)	1,028.15	64.48
			Note: (Supervised) 16 alarm inputs.		
28 13 33 16-0188			Superterm-4 Controller <small>(28 13 33 16-0169)</small>		
28 13 33 16-0189	EA		Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL)..... Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,870.27	128.96
28 13 33 16-0190	EA		Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	2,323.73	64.48
28 13 33 16-0191			Superterm-8 Controller <small>(28 13 33 16-0169)</small>		
28 13 33 16-0192	EA		Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800)	3,840.71	214.92
			Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.		
28 13 33 16-0193	EA		Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800EXP)..... Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	4,161.11	214.92
28 13 33 16-0194	EA		Superterm-8 PC Board (Continental Instrument CICIP1800PCB)	3,122.23	64.48
28 13 33 16-0195			Turbo Superterm-4 Controller <small>(28 13 33 16-0169)</small>		
28 13 33 16-0196	EA		Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400ULT)..... Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	2,870.27	128.96
28 13 33 16-0197	EA		Turbo Superterm-4 PC Board (Continental Instrument CICIP1400ULTPCB)	2,323.73	64.48
28 13 33 16-0198			Turbo Superterm-8 Controller <small>(28 13 33 16-0169)</small>		
28 13 33 16-0199	EA		Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICIP1800T)..... Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	3,840.71	214.92
28 13 33 16-0200	EA		Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICIP1800TEXP)	4,161.11	214.92
			Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.		
28 13 33 16-0201	EA		Turbo Superterm-8 PC Board (Continental Instrument CICIP1800TPCB).....	3,122.23	64.48
28 13 33 16-0202	EA		Superterm Memory Board - 2MB (Continental Instrument CICIP1800MB2)	1,316.25	64.48
			Note: Up to 140,000 cardholders.		
28 13 33 16-0203	EA		Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICIP1800MB2X2)	1,111.19	64.48
			Note: Up to 140,000 cardholders.		
28 13 33 16-0204	EA		Turbo Superterm-8 Relay Expander Board (Continental Instrument CICIP1800RB)..... Note: 16 Output relays, 8 alarm inputs.	1,029.19	64.48
28 13 33 16-0205	EA		Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICIP1800RB)..... Note: (Supervised) 16 Alarm inputs.	1,029.19	64.48
28 13 33 16-0206	EA		Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICIP1800PPWS).....	410.97	
28 13 33 16-0207			Access Control Bundled System <small>(28 13 33 16)</small>		
28 13 33 16-0208	EA		CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)..... Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	20,523.62	
28 13 33 16-0209			Master Door Buzzer Stations <small>(28 13 33 16)</small>		
28 13 33 16-0210			Master Stations <small>(28 13 33 16-0209)</small>		
28 13 33 16-0211	EA		Master Stations, 5 Station Intercommunication Equipment.....	664.48	134.11
28 13 33 16-0212	EA		Master Stations, 10 Station Intercommunication Equipment.....	1,029.51	259.53
28 13 33 16-0213	EA		Master Station, Desk Style Remote Intercommunication Equipment.....	290.57	67.05
28 13 33 16-0214	EA		Master Station, Flush Wall Remote Intercommunication Equipment	385.93	111.76
28 13 33 16-0215	EA		Sound System Outlet, Protector.....	107.12	43.75
28 13 33 16-0216	EA		Sound System Microphone Outlet	194.35	89.58
28 13 33 16-0217	EA		Sound System Speaker Ceiling Or Wall	135.43	43.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 13 33 16-0218	EA		Sound System Monitor Panel	375.16	89.58
28 13 33 16-0219	EA		Sound System Volume Control.....	120.17	43.75
28 13 33 16-0220	EA		Sound System Amplifier 250 W	1,705.57	358.23
28 13 33 16-0221	EA		Sound System Cabinet	1,075.84	358.23
28 13 33 16-0222			Master Door Stations (28 13 33 16-0209)		
28 13 33 16-0223	EA		Master Door Stations, Button Buzzer Type, 25 Station.....	1,649.49	
			For Intercom Type Master Door Station, Add	108.76	
28 13 33 16-0224	EA		Master Door Stations, Button Buzzer Type, 50 Station.....	2,736.53	
			For Intercom Type Master Door Station, Add	176.19	
28 13 33 16-0225	EA		Master Door Stations, Button Buzzer Type, 75 Station.....	3,771.43	
			For Intercom Type Master Door Station, Add	228.39	
28 13 33 16-0226	EA		Master Door Stations, Button Buzzer Type, 100 Station.....	4,303.29	
			For Intercom Type Master Door Station, Add	267.54	
28 13 33 16-0227	EA		Master Door Stations, Button Buzzer Type, 150 Station.....	5,143.01	
			For Intercom Type Master Door Station, Add	391.53	
28 13 33 16-0228	EA		Master Door Stations, Button Buzzer Type, 200 Station.....	5,980.59	
			For Intercom Type Master Door Station, Add	504.64	
28 13 33 16-0229	EA		Master Door Stations, Button Buzzer Type, 250 Station.....	7,508.24	
			For Intercom Type Master Door Station, Add	652.55	
28 13 33 16-0230	EA		Master Door Stations, Button Buzzer Type, 300 Station.....	9,007.00	
			For Intercom Type Master Door Station, Add	748.25	
28 13 33 16-0231	EA		Transformer	114.25	
28 13 33 16-0232	EA		Door Opener	169.53	
28 13 33 16-0233	EA		Buzzer With Door Release And Plate	212.54	
28 13 33 16-0234	EA		Amplifier For Intercom Type Unit	319.34	
28 13 33 16-0235	EA		Speaker With Door Release	137.81	
28 13 33 16-0236			Request To Exit Detector (28 13 33 16)		
28 13 33 16-0237	EA		Request-To-Exit Detector; Bosch DS160	144.51	67.05
28 13 33 16-0238			Access Power Controllers (28 13 33 16)		
28 13 33 16-0239	EA		26" x 19" x 6.25" Access Power Controller Enclosure; A Tronix; Maim 75D	948.33	79.09
			Note: Includes power supply		
28 13 53			Security Access Detection (28 13)		
28 13 53 13			Security Access Metal Detectors (28 13 53)		
28 13 53 13-0001	EA		Hand-Held Metal Detector	214.63	21.50
28 13 53 13-0002	EA		Walk-Through Metal Detector, Complete Unit	5,020.69	343.88
28 20			Electronic Surveillance (28)		
			Note: Includes testing of new devices and certification.		
28 23			Video Surveillance (28 20)		
28 23 00 00-0001			Closed Circuit Television And Surveillance Systems (Vicon) (28 23)		
			Note: Includes a 3 year manufacturer's warranty. Use Vicon replacement models, "or equal", when the listed models are superseded.		
28 23 00 00-0002			Vicon CCTV Factory Project Management Program (28 23 00 00-0001)		
			Note: For first time installations at a facility.		
28 23 00 00-0003	EA		Factory Project Management Program For 1 To 20 Camera System Vicon CCTV Installation Support.....	3,499.80	
			Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.		
28 23 00 00-0004	EA		Factory Project Management Program For 21 To 40 Camera System Vicon CCTV Installation Support.....	4,374.75	
			Note: Includes two site visits by a Vicon technical representative. First site visit to generate punch list and 2nd site visit for final inspection and training.		
28 23 00 00-0005	EA		Factory Project Management Program For >40 Camera System Vicon CCTV Installation Support.....	5,249.70	
			Note: Includes three site visits by a Vicon technical representative. First site visit during installation commencement, 2nd to generate punch list, and 3rd site visit for final inspection and training.		
28 23 00 00-0006			Digital Video Transport And Storage Systems (28 23 00 00-0001)		
28 23 00 00-0007			Kollector Pro Digital Recorders (28 23 00 00-0006)		
28 23 00 00-0008	EA		16-Channel Digital Recorder, 120 fps, 500 GB HDD, DVD-R/RW Drive	5,069.76	21.53
			Note: Kollector Pro, Vicon KP121650-DVD.		
28 23 00 00-0009	EA		16-Channel Digital Recorder, 240 fps, 900 GB HDD, DVD-R/RW Drive	7,678.16	21.53
			Note: Kollector Pro, Vicon model KP241690-DVD.		
28 23 00 00-0010	EA		2-Port KVM Switch.....	127.83	9.65
			Note: Allows control of two Kollectors from one keyboard, mouse, and monitor. Vicon model VTK-205I.		
28 23 00 00-0011	EA		16-Channel Digital Recorder, 120 fps, 500 GB HDD, DVD-R/RW Drive	4,722.21	21.53
			Note: Special Kollector Pro Server. Preloaded ViconNet version 3.0. 16x4 Analog video matrix, NTSC/EIA and PAL/CCIR, LD GSA-4163B. Vicon model KP120M-500-DVD.		
28 23 00 00-0012	EA		16-Channel Digital Recorder, 240 fps, 900 GB HDD, DVD-R/RW Drive	7,148.71	21.53
			Note: Special Kollector Pro Server. Preloaded ViconNet version 3.0. 16x4 Analog video matrix, NTSC/EIA and PAL/CCIR, LD GSA-4163B. Vicon model KP240M-900-DVD.		
28 23 00 00-0013	EA		16-Channel Digital Recorder, 30 fps, 160 GB HDD	4,051.72	21.53
			Note: Kollector Pro, Preloaded ViconNet Version 3. Vicon model KPX30-160.		
28 23 00 00-0014	EA		16-Channel Digital Recorder, 30 fps, 160 GB HDD	4,340.46	21.53
			Note: Kollector Pro, Preloaded ViconNet Version 3. 16 x 4 Analog video matrix. Vicon model KPX30M-160.		

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 23 00 00-0015	EA	16-Channel Digital Recorder, 30 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX30-320.	4,505.30	21.53
28 23 00 00-0016	EA	16-Channel Digital Recorder, 30 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-320.	4,794.03	21.53
28 23 00 00-0017	EA	16-Channel Digital Recorder, 30 fps, 500 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX30-500.	4,959.92	21.53
28 23 00 00-0018	EA	16-Channel Digital Recorder, 30 fps, 500 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX30M-500.	5,248.66	21.53
28 23 00 00-0019	EA	16-Channel Digital Recorder, 60 fps, 250 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX60-250.	4,903.22	21.53
28 23 00 00-0020	EA	16-Channel Digital Recorder, 60 fps, 250 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-250.	5,191.96	21.53
28 23 00 00-0021	EA	16-Channel Digital Recorder, 60 fps, 400 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX60-400.	5,470.19	21.53
28 23 00 00-0022	EA	16-Channel Digital Recorder, 60 fps, 400 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-400.	5,758.93	21.53
28 23 00 00-0023	EA	16-Channel Digital Recorder, 60 fps, 660 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KP60-660.	6,038.21	21.53
28 23 00 00-0024	EA	16-Channel Digital Recorder, 60 fps, 660 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX60M-660.	6,326.94	21.53
28 23 00 00-0025	EA	16-Channel Digital Recorder, 120 fps, 250 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-250.	6,094.91	21.53
28 23 00 00-0026	EA	16-Channel Digital Recorder, 120 fps, 250 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-250.	6,383.64	21.53
28 23 00 00-0027	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-500.	6,946.41	21.53
28 23 00 00-0028	EA	16-Channel Digital Recorder, 120 fps, 500 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-500.	7,235.14	21.53
28 23 00 00-0029	EA	16-Channel Digital Recorder, 120 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-900.	8,081.39	21.53
28 23 00 00-0030	EA	16-Channel Digital Recorder, 120 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-900.	8,370.13	21.53
28 23 00 00-0031	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX120-1200.	8,940.24	21.53
28 23 00 00-0032	EA	16-Channel Digital Recorder, 120 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX120M-1200.	9,228.98	21.53
28 23 00 00-0033	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-320.	8,932.89	21.53
28 23 00 00-0034	EA	16-Channel Digital Recorder, 240 fps, 320 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-320.	9,221.63	21.53
28 23 00 00-0035	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX240-900.	10,634.85	21.53
28 23 00 00-0036	EA	16-Channel Digital Recorder, 240 fps, 900 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX240M-900.	10,923.58	21.53
28 23 00 00-0037	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. Vicon model KPX24-1200.	11,486.35	21.53
28 23 00 00-0038	EA	16-Channel Digital Recorder, 240 fps, 1200 GB HDD Note: Kollektor Pro, Preloaded ViconNet Version 3. 16 x 4 Analog Video Matrix. Vicon model KPX24M-1200.	11,775.08	21.53
28 23 00 00-0039		Kollektor Elite Digital Recorders And Master Workstations (28 23 00 00-0006)		
28 23 00 00-0040	EA	16-Channel Digital Recorder, 120 fps, 250 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-250.	8,591.66	21.53
28 23 00 00-0041	EA	16-Channel Digital Recorder, 120 fps, 500 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-500.	9,443.17	21.53
28 23 00 00-0042	EA	16-Channel Digital Recorder, 120 fps, 900 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-900.	10,294.67	21.53
28 23 00 00-0043	EA	16-Channel Digital Recorder, 120 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1200.	11,147.22	21.53
28 23 00 00-0044	EA	16-Channel Digital Recorder, 120 fps, 1600 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX120M-1600.	12,281.15	21.53
28 23 00 00-0045	EA	16-Channel Digital Recorder, 240 fps, 300 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-300.	11,004.43	21.53
28 23 00 00-0046	EA	16-Channel Digital Recorder, 240 fps, 660 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-660.	11,854.88	21.53
28 23 00 00-0047	EA	16-Channel Digital Recorder, 240 fps, 900 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-900.	12,706.38	21.53
28 23 00 00-0048	EA	16-Channel Digital Recorder, 240 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1200.	13,556.83	21.53
28 23 00 00-0049	EA	16-Channel Digital Recorder, 240 fps, 1600 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX240M-1600.	14,696.02	21.53
28 23 00 00-0050	EA	16-Channel Digital Recorder, 480 fps, 250 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-250.	13,730.07	21.53
28 23 00 00-0051	EA	16-Channel Digital Recorder, 480 fps, 1200 GB Internal HDD Note: Kollektor Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1200.	16,141.78	21.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0052	EA		16-Channel Digital Recorder, 480 fps, 1600 GB Internal HDD..... Note: Kollector Elite Hybrid digital network video recorder, preloaded ViconNet version 3. 16-Channel audio, 16 x 4 analog video matrix. Vicon model KEX480M-1600.	17,305.12	21.53
28 23 00 00-0053			Kollector Network Servers (28 23 00 00-0006)		
28 23 00 00-0054	EA		Kollector Network Server, 120 fps, 40 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-40.	4,334.86	21.53
28 23 00 00-0055	EA		Kollector Network Server, 120 fps, 400 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-400.	5,612.28	21.53
28 23 00 00-0056	EA		Kollector Network Server, 120 fps, 800 GB HD, 4 Sensor Channels..... Note: 16-Channel networked digital video server, NTSC/EIA and PAL/CCIR. Includes ViconNet software for local viewing of live and recorded video. Windows XP. Vicon model KNS120-800.	7,173.20	21.53
28 23 00 00-0057			ViconNet IP Video Servers And Camera/Server (28 23 00 00-0006)		
28 23 00 00-0058	EA		ViconNet 1-Channel Video Server..... Note: Accepts 1 analog video input for transmission over TCP/IP network (30 fps total). Includes ViconNet VN100V3 4-channel viewing software. Vicon model VN-301TV3.	930.25	21.53
28 23 00 00-0059	EA		ViconNet 4-Channel Digital Video Server..... Note: 120 fps, ViconNet VN100V3 4-channel viewing software. Vicon model KTX-4.	1,655.76	21.53
28 23 00 00-0060	EA		IP Camera/ 4-Channel Digital Video Server..... Note: 120 fps, ViconNet Version 3.0; audio input/output; power over ethernet capability. Vicon model VN-755IPV3.	1,214.79	21.53
28 23 00 00-0061	EA		Alarm/Audio Accessory Kit For VN-755IP..... Note: Provides for alarm and audio capability. Vicon model VN-755KIT.	47.04	8.61
28 23 00 00-0062	EA		Double Width Rack Kit For Use With KTX-4 IP Encoder Note: Mounts two (2) KTX-4 encoders in standard 19" rack. Vicon model KX-4-RK2.	124.30	5.12
28 23 00 00-0063			ViconNet Software Enhancement (28 23 00 00-0006)		
28 23 00 00-0064	EA		Viconnet Software Enhancements For Kollector Elite Recorders Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SE.	1,119.06	
28 23 00 00-0065	EA		Viconnet Software Enhancements For Kollector Pro Recorders..... Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SE.	968.65	
28 23 00 00-0066	EA		Viconnet Software Enhancements For Kollector Network Servers Note: Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KN-SE.	726.87	
28 23 00 00-0067	EA		Viconnet Software Enhancements For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-1000-SE.	247.87	
28 23 00 00-0068	EA		Viconnet Software Enhancements For 16-Channel Viewer Software Note: For ViconNet VN500. Includes ViconNet software released by Vicon within the period of one year from date of purchase. All revisions are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-SW-500-SE.	74.42	
28 23 00 00-0069			ViconNet Software Maintenance Programs (28 23 00 00-0006)		
28 23 00 00-0070	EA		ViconNet Software Maintenance For Kollector Elite Recorders..... Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KE-SM.	142.87	
28 23 00 00-0071	EA		ViconNet Software Maintenance For Kollector Pro Recorders Note: Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-KPR-SM.	127.83	
28 23 00 00-0072	EA		ViconNet Software Maintenance For Master Workstations..... Note: For ViconNet VN1000/5000 master workstations and software. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-1000-SM.	67.69	
28 23 00 00-0073	EA		ViconNet Software Maintenance For 16-Channel Viewer..... Note: For ViconNet VN500. Includes all ViconNet software patches released by Vicon for the original revision within the period of one year from date of purchase. All patches are approved and released at the sole discretion of the Company. (One user license) Vicon model VN-500-SM.	37.60	
28 23 00 00-0074			ViconNet Options (28 23 00 00-0006)		
28 23 00 00-0075	EA		16-Bay Raid Storage Unit, 16-160 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-160.	12,776.37	21.53
28 23 00 00-0076	EA		16-Bay Raid Storage Unit, 16-250 GB Hot Swappable Hard Drives..... Note: Used with Kollector Elite and Pro Recorders. Provides RAID 3 protection. Vicon model VN-RAID-16-250.	15,374.98	21.53
28 23 00 00-0077	EA		Network Switch, 8-Channel LAN Connections..... Note: 10/100 Autosensing ports. Vicon model NETSWITCH-8.	172.89	14.34
28 23 00 00-0078	EA		Network Switch, 16-Channel LAN Connections..... Note: 10/100 Autosensing ports. Vicon model NETSWITCH-16.	220.14	14.34
28 23 00 00-0079	EA		Network Switch, 24-Channel LAN Connections..... Note: 10/100/1000 Autosensing ports. Vicon model NETSWITCH-24.	872.85	14.34
28 23 00 00-0080	EA		Uninterruptible Power Supply, Desk-top, 725 VA/450W Note: USB control port, 120 VAC input/output. Vicon model V725-UPS.	188.64	14.34

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 23 00 00-0081	EA	8-Bay Raid Storage Unit, 8-250 GB Hot Swappable Hard Drives.....	8,193.74	21.53
		Note: Used with Kollektor Elite and Pro Recorders. Provides RAID 3 protection, includes eight 250 GB hot swappable hard drives. Vicon model VN-RAID-8-250.		
28 23 00 00-0082	EA	17" S-VGA Monitor.....	333.88	14.34
		Note: For use with Kollektor Elite and Kollektor Pro Recorders and VN-NVR Workstation. Vicon model VN-MON.		
28 23 00 00-0083	EA	17" S-VGA TFT LCD Monitor.....	739.86	14.34
		Note: For use with Kollektor Elite and Kollektor Pro Recorders and VN-NVR Workstation. Vicon model VN-17FLT.		
28 23 00 00-0084	EA	17" Flat Panel Monitor.....	944.60	14.34
		Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VN-617LCD.		
28 23 00 00-0085	EA	19" Flat Panel Monitor.....	1,113.64	14.34
		Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VN-619LCD.		
28 23 00 00-0086	EA	PC-To-TV Converter, Self-Powered USB Interface	164.49	14.34
		Note: VGA in and VGA out connections, composite and S-video (NTSC) output. Vicon model VGEZ-1000.		
28 23 00 00-0087		AurorACorD Digital Video Multiplexer And Recorder <small>(28 23 00 00-0006)</small>		
28 23 00 00-0088	EA	Digital Video Multiplexer And Recorder, 30 fps, 80 GB HDD.....	2,628.70	21.53
		Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD80.		
28 23 00 00-0089	EA	Digital Video Multiplexer And Recorder, 30 fps, 160 GB HDD.....	2,775.70	21.53
		Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-FCD160.		
28 23 00 00-0090	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-160 GB HDDs.....	3,148.42	21.53
		Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD320.		
28 23 00 00-0091	EA	Digital Video Multiplexer And Recorder, 30 fps, 2-250 GB HDDs.....	3,575.40	21.53
		Note: Auroracord, 16-Channel, color, duplex, includes floppy drive, and CD drive. Vicon model AURC-CD500.		
28 23 00 00-0092		AurorACorD Options <small>(28 23 00 00-0006)</small>		
		Note: Also used for AurorA2000.		
28 23 00 00-0093	EA	Remote Keyboard.....	617.37	14.34
		Note: Provides control for up to 16 AurorA 2000 or AurorACorD units and 16 VCRs. Vicon model AUR2K-KBD.		
28 23 00 00-0094		Digital Video Recorders <small>(28 23 00 00-0006)</small>		
28 23 00 00-0095	EA	4-Channel Digital Video Recorder, 120 GB Hard Drive, 30 fps.....	1,398.52	21.53
		Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-12CD.		
28 23 00 00-0096	EA	4-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps.....	1,640.01	21.53
		Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.		
28 23 00 00-0097	EA	8-Channel Digital Video Recorder, 300 GB Hard Drive, 30 fps.....	2,206.98	21.53
		Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-30CD.		
28 23 00 00-0098	EA	4-Channel Digital Video Recorder, 500 GB Hard Drive, 30 fps.....	2,222.73	21.53
		Note: CD/RW, PTZ control, audio, network control and viewing software included. Vicon model VDR-204-50CD.		
28 23 00 00-0099		ViconNet Network Video Recorder Software Version 3.0 <small>(28 23 00 00-0006)</small>		
28 23 00 00-0100	EA	ViconNet NVR And Workstation Software	1,498.27	
		Note: For use with ViconNet 3.0 digital recorders, video servers and ViconNet IP cameras. Single PC license. Vicon model VN1000V3		
28 23 00 00-0101	EA	ViconNet Multi-Pack, 10 User License Pack Of VN1000V3 NVR	8,470.92	
		Note: Vicon model VN1000V3-10.		
28 23 00 00-0102	EA	ViconNet 16-Channel Viewer Software, Version 3.....	652.02	
		Note: Single PC license. Vicon model VN500V3.		
28 23 00 00-0103	EA	ViconNet 4-Channel Viewer Software, Version 3.....	217.34	
		Note: Single PC license. Vicon model VN500V3.		
28 23 00 00-0104	EA	ViconNet-Hirsch Integration Software.....	4,285.86	
		Note: To use ViconNet on a Hirsch Velocity access control workstation. Vicon model VN-HIRSCH-INT.		
28 23 00 00-0105		Network Video Recorders Version 3.0 <small>(28 23 00 00-0006)</small>		
28 23 00 00-0106	EA	Network Video Recorder, 80 GB Internal HDD Storage.....	3,626.50	21.53
		Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-80.		
28 23 00 00-0107	EA	Network Video Recorder, 800 GB Internal HDD Storage.....	5,895.42	21.53
		Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-800.		
28 23 00 00-0108	EA	Network Video Recorder, 1200 GB Internal HDD Storage.....	7,047.20	21.53
		Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1200.		
28 23 00 00-0109	EA	Network Video Recorder, 1600 GB Internal HDD Storage.....	8,170.64	21.53
		Note: Preloaded ViconNet Version 3, view, record and configure ViconNet IP devices and recorders. Vicon model VN-NVR-1600.		
28 23 00 00-0110		ViconNet Version 3.0 Compatible Keypads For PTZ Control <small>(28 23 00 00-0006)</small>		
28 23 00 00-0111	EA	RS-252/RS-422 Interface Converter.....	256.19	21.53
		Note: Required to allow matrix keyboard to work with all PC workstations and Kollektor Elites and Pros with older version hardware backpanels (with RJ-45 connectors). Vicon model V422-CONV.		
28 23 00 00-0112	EA	Control Keypad, Small Profile Desk-Top.....	646.77	21.53
		Note: Provides variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollektor Elites and Pros. Vicon model V1410X-DVC.		
28 23 00 00-0113	EA	Control Keypad, Desk-Top.....	788.51	21.53
		Note: Provides variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollektor Elites and Pros. Vicon model V1411X-DVC.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0114	EA		Control Keypad, Desk-Top..... Note: Provides three-function variable-speed joystick for pan-and-tilt control and push buttons for lens functions only; requires converter to work with workstations and older Kollektor Elites and Pros. Vicon model V1411J-DVC.	930.25	21.53
28 23 00 00-0115			Cameras And Accessories (28 23 00 00-0001)		
28 23 00 00-0116			Camera Dome Systems And Cameras (28 23 00 00-0115)		
28 23 00 00-0117			SurveyorVFT 22X High Sensitivity IP Camera Dome Systems (28 23 00 00-0116)		
28 23 00 00-0118	EA		Indoor/In-Ceiling, Color Camera Dome..... Note: Vicon model SVFT-C22. Includes variable-speed drive, in-ceiling metal housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,446.41	126.00
28 23 00 00-0119	EA		Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22. Includes variable-speed drive; pendant upper housing, 22X high-sensitivity high-resolution color camera/lens with ExView technology and smoked lower dome.	2,589.66	133.38
28 23 00 00-0120	EA		Outdoor Camera Dome Note: Vicon model SVFT-W22. Includes variable-speed drive, environmental housing, 22X high-sensitivity high-resolution camera/lens with ExView technology and clear outer dome.	2,660.19	137.01
28 23 00 00-0121			SurveyorVFT 23X Day/Night Camera Dome Systems (28 23 00 00-0116)		
28 23 00 00-0122	EA		Indoor In-Ceiling Day/Night Camera Dome..... Note: Includes variable-speed drive, in-ceiling metal housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-C23.	2,660.54	137.01
28 23 00 00-0123	EA		Indoor Pendant Day/Night Camera Dome Note: Includes variable-speed drive, pendant upper housing, 23X day/night camera/lens with wide dynamic range and smoked lower dome. Vicon model SVFT-P23.	2,803.44	144.39
28 23 00 00-0124	EA		Outdoor Day/Night Camera Dome Note: Includes variable-speed drive, environmental housing, 23X high-resolution day/night camera/lens with wide dynamic range and clear outer dome. Vicon model SVFT-W23.	2,873.98	148.02
28 23 00 00-0125			SurveyorVFT 35X Day/Night Camera Dome Systems (28 23 00 00-0116) Note: Wide dynamic range and image stabilization camera dome systems.		
28 23 00 00-0126	EA		Outdoor Day/Night Camera Dome Note: Includes variable speed drive, environmental housing, 35X high-resolution day/night camera/lens with wide dynamic range and image stabilization and clear outer dome. Vicon model SVFT-W35.	3,283.27	170.64
28 23 00 00-0127			SurveyorVFT 22X Cost Effective Camera Dome Systems (28 23 00 00-0116)		
28 23 00 00-0128	EA		Indoor/In-Ceiling, Color Camera Dome..... Note: Vicon model SVFT-C22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,743.34	89.80
28 23 00 00-0129	EA		Indoor/Pendant, Color Camera Dome Note: Vicon model SVFT-P22CA. Includes variable-speed drive, housing, 22X high-resolution color camera/lens and smoked lower dome.	1,796.24	92.52
28 23 00 00-0130	EA		Outdoor Variable-Speed Color Camera Dome Note: Vicon model SVFT-W22CA. Includes camera drive, environmental housing, 22X high-resolution color camera/lens and clear outer dome.	1,886.60	97.17
28 23 00 00-0131			SurveyorVFT Indoor Lower Dome Options (28 23 00 00-0116)		
28 23 00 00-0132	EA		Smoked Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-SMK.	61.72	3.18
28 23 00 00-0133	EA		Chrome Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-CHR.	134.43	6.93
28 23 00 00-0134	EA		Gold Lower Dome, For SurveyorVFT Indoor Domes Note: Vicon model SVFT-GLD.	204.97	10.56
28 23 00 00-0135			SurveyorVFT Video Transmission Options (28 23 00 00-0116)		
28 23 00 00-0136	EA		Fiber Optic Option, For SurveyorVFT Domes Note: Vicon "F" option. Add -F suffix to any Surveyor VFT dome model number and substitute -30 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-F (8701-30)). Use with VF-1400 series fiber receivers only (found in Fiber optic section).	848.53	43.70
28 23 00 00-0137	EA		NVT Twisted Pair Option, For SurveyorVFT Domes..... Note: Vicon "T" option. Add -T suffix to any Surveyor VFT dome model number and substitute -40 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-T (8701-40)).	35.27	1.82
28 23 00 00-0138	EA		ViconNet TCP/IP Option, For SurveyorVFT Domes Note: Vicon "V3" option. Add "V3" suffix to any SurveyorVFT dome model number and substitute -25 at the end of the product code. (ex: SVFT-C22 (8701-00) becomes SVFT-C22-V3 (8701-25)).	813.18	43.70
28 23 00 00-0139			SurveyorVFT Hardware Options (28 23 00 00-0116)		
28 23 00 00-0140	EA		Upgrade Kit, Converts Non-IP SurveyorVFT Domes To IP Version Note: Vicon model SVFT-IP-UPG.	991.80	51.08
28 23 00 00-0141			SurveyorVFT Pressurized Camera Dome Systems And Accessories (28 23 00 00-0116)		
28 23 00 00-0142	EA		Wall Mount For SurveyorVFT Pressurized Domes Note: Vicon model SVFT-PR-WMA.	176.32	9.08
28 23 00 00-0143	EA		Pipe Adapter Note: For mounting SurveyorVFT Pressurized Domes to 1-1/2" diameter pipe. Vicon model SVFT-PR-P.	105.79	5.45

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 23 00 00-0144	EA	Fiber Optic Option For SurveyorVFT Pressurized Domes Note: Add -F suffix to any Surveyor VFT Pressurized dome model number and substitute -30 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-F (8769-30)). Use with VF-1400 series fiber receivers only (found in fiber optic section). Vicon model "F" Pressurized Option.	1,597.88		82.30
28 23 00 00-0145	EA	NVT Twisted Pair Option For SurveyorVFT Pressurized Domes Note: Add -T suffix to any Surveyor VFT Pressurized dome model number and substitute -40 at the end of the product code. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-T (8769-40)). Vicon model "T" Pressurized Option.	35.27		1.82
28 23 00 00-0146	EA	VICONNET TCP/IP Option For SurveyorVFT Pressurized Domes..... Note: Add "V3-V" suffix to any SurveyorVFT pressurized dome model number and substitute -25 at the end of the product code. Vicon model "V3" Pressurized Option. (ex: SVFT-PRS23 (8769-00) becomes SVFT-PRS23-V3 (8769-25)).	1,161.15		59.82
28 23 00 00-0147	EA	Pressurized Camera Dome Note: Includes variable-speed camera drive, 22X high-resolution color camera with ExView technology and cast aluminum upper housing with clear lower dome. Vicon model SVFT-PRS22E.	3,445.29		190.94
28 23 00 00-0148	EA	Pressurized Camera Dome, Day/Night, 23X High-Resolution Note: Includes variable-speed drive, 23X high-resolution day/night camera with wide dynamic range, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS23.	3,642.63		197.75
28 23 00 00-0149	EA	Pressurized Camera Dome, Day/Night, 35X High-Resolution Note: Includes variable-speed drive, 35X high-resolution day/night camera with wide dynamic range and image stabilization, cast aluminum upper housing and clear lower dome. Vicon model SVFT-PRS35.	3,961.81		197.75
28 23 00 00-0150	EA	Pre-Wired Coaxial Cable Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12.	247.79		
28 23 00 00-0151	EA	Pre-Wired Twisted Pair Cable..... Note: For use with Surveyor VFT pressurized dome Vicon model SVFT-PRC12T.	268.78		
28 23 00 00-0152		SurveyorVFT Impact-Resistant Camera Domes And Accessories <small>(28 23 00 00-0116)</small>			
28 23 00 00-0153	EA	Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-resolution color camera/lens. Vicon model SVFT-M22.	2,224.25		114.56
28 23 00 00-0154	EA	Impact-Resistant Camera Dome, 22X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 22X high-sensitivity high-resolution color camera/lens with ExView technology. Vicon model SVFT-M22E.	2,808.80		171.97
28 23 00 00-0155	EA	Impact-Resistant Camera Dome, 23X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 23X high-resolution day/night color camera with wide dynamic range. Vicon model SVFT-M23.	3,034.05		185.77
28 23 00 00-0156	EA	Impact-Resistant Camera Dome, 35X High-Resolution Camera Lens..... Note: Includes variable-speed drive, aluminum upper housing, lower polycarbonate dome and 35X high-resolution day/night color camera with wide dynamic range and image stabilization. Vicon model SVFT-M35.	3,456.76		211.65
28 23 00 00-0157		SurveyorVFT Fixed Camera Domes, Color <small>(28 23 00 00-0116)</small>			
28 23 00 00-0158	EA	Outdoor Fixed Camera Dome, 5-50 mm Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 5-50 mm varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W550A.	1,053.49		54.26
28 23 00 00-0159	EA	In-Ceiling Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-C3312.	624.07		32.12
28 23 00 00-0160	EA	Pendant Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens..... Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-P3312.	676.97		34.85
28 23 00 00-0161	EA	Outdoor Fixed Camera Dome, 3.3-12 mm Autoiris Varifocal Lens Note: Includes 1/3" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312.	838.21		43.13
28 23 00 00-0162	EA	Outdoor Fixed Camera Dome, 3.3-1 mm Autoiris Varifocal Lens, D/N Note: Includes 1/4" ExView high-resolution color camera, 3.3-12mm autoiris varifocal lens and smoked lower dome, 24 VAC. Vicon model SVFT-W3312DN.	945.51		48.70
28 23 00 00-0163		SurveyorVFT Power Supplies For Camera Domes <small>(28 23 00 00-0116)</small>			
28 23 00 00-0164	EA	Power Supply, 28 Volt AC Output, 2.5 Amps Note: For indoor SurveyorVFT camera domes. Vicon model S28PS-1.	30.85		1.59
28 23 00 00-0165	EA	Power Supply, 28 Volt AC Output, 4 Amps..... Note: For outdoor SurveyorVFT camera domes. Vicon model S28WPS-1.	44.08		2.27
28 23 00 00-0166	EA	Power Supply; 120 Volt AC Input / 24 Volt AC Output For Camera Domes, UL Listed Class 2/3..... Note: For outdoor SurveyorVFT camera domes. Vicon model S24WPS-1.	34.70		1.59
28 23 00 00-0167	EA	Power Supply, Four-Channel, 120 Volt AC Input, 24/28 Volt AC Output Note: 7/6.25 amps (total). Vicon model V2448-175PS.	176.32		9.08
28 23 00 00-0168	EA	Power Supply, Eight-Channel, 120 Volt AC Input, 24/28 Volt AC Output Note: 12.5/10 amps (total). Vicon model V248-300PS.	229.22		11.80
28 23 00 00-0169	EA	Power Supply, Eight-Channel, 120 Volt AC Input, 24 Volt AC Output Note: 25 amps (total). Vicon model V248-600PS.	264.47		13.62
28 23 00 00-0170	EA	Power Supply, Sixteen-Channel, 120 Volt AC Input, 24/28 Volt AC Output..... Note: 25/20 amps (total). Vicon model V2416-300PS.	392.30		20.21
28 23 00 00-0171	EA	Power Supply, Heavy Duty Single-Channel..... Note: For use with SurveyorVFT pressurized and outdoor impact-resistant camera domes; 28 VAC output, 6.25 amps. Vicon model S28HD-PS.	83.75		4.32
28 23 00 00-0172		SurveyorVFT Dome Mounting Options <small>(28 23 00 00-0116)</small>			
28 23 00 00-0173	EA	Ceiling Panel Support, For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UCP.	70.53		3.63
28 23 00 00-0174	EA	Wall Mount, Indoor/Outdoor, For SurveyorVFT Camera Dome Systems..... Note: Vicon model SVFT-UWM.	127.83		6.58
28 23 00 00-0175	EA	Wall Mount, Indoor/Outdoor, Short Note: For SurveyorVFT camera dome systems. Vicon model SVFT-WM.	85.96		4.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0176	EA		Ceiling Mount, Indoor/Outdoor For SurveyorVFT Camera Dome System Note: Vicon model SVFT-UCM.	44.08	2.27
28 23 00 00-0177	EA		Goose Neck Parapet Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-UPM-1.	284.32	14.64
28 23 00 00-0178	EA		Goose Neck Roof Mount For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-URM-1.	462.84	23.84
28 23 00 00-0179	EA		In-Ceiling Mount Kit For SurveyorVFT Camera Dome Systems Note: Vicon model SVFT-IC-KT.	44.08	2.27
28 23 00 00-0180			Cost-Effective Impact-Resistant Camera Dome (28 23 00 00-0116)		
28 23 00 00-0181	EA		Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600W.	429.43	21.53
28 23 00 00-0182	EA		Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Day/Night. 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WDN.	490.33	21.53
28 23 00 00-0183	EA		Outdoor 3" Camera Dome, IR Illuminated, Color 3.7mm Fixed Lens..... Note: 550 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600WIR.	461.98	21.53
28 23 00 00-0184	EA		Outdoor 3" Camera Dome, Color 3.3-12mm Varifocal Autoiris Lens Note: Wide dynamic range, color 3.3-12mm varifocal autoiris lens, 480 HTVL, day/night, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610W.	533.37	21.53
28 23 00 00-0185			Fixed Position Domes (28 23 00 00-0116)		
28 23 00 00-0186	EA		3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 550 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-600.	363.28	21.53
28 23 00 00-0187	EA		3" Camera Dome, Color, 3.3-12mm Varifocal Autoiris Lens Note: 480 HTVL, wide dynamic range, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC-610.	503.98	21.53
28 23 00 00-0188	EA		Adapter Plate..... Note: To mount the VC-600/VC-610 into a 4" x 4" electrical box. Vicon model VC-610.	21.21	2.15
28 23 00 00-0189			Roughneck V926 Impact Resistant Camera Domes (28 23 00 00-0116)		
28 23 00 00-0190	EA		In-Ceiling Dome Camera, Outdoor, 2.8 mm Varifocal Autoiris Lens Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926FF-CA.	456.22	23.50
28 23 00 00-0191	EA		In-Ceiling Dome Camera, Outdoor, 3.36-12 Varifocal Autoiris Lens..... Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.36-12mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V926-W3312.	605.74	31.22
28 23 00 00-0192	EA		In-Ceiling Dome Camera, Outdoor, 3.3-12 Varifocal Autoiris Lens..... Note: Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926-W3312T.	632.19	32.58
28 23 00 00-0193	EA		In-Ceiling Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor, includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 3.3-12mm varifocal autoiris lens, heater and smoked lower dome; UTP video transmission. Vicon model V926W3312DN.	690.79	31.22
28 23 00 00-0194			Roughneck V910 Impact Resistant Camera Domes (28 23 00 00-0116)		
28 23 00 00-0195	EA		Surface Mount Dome Camera, 2.8mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD, 2.8 mm varifocal autoiris lens, heater and smoked lower dome. Vicon model V910FF-CA.	456.22	23.50
28 23 00 00-0196	EA		Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3-in. high-resolution color camera with ExView high-sensitivity CCD and 3.3-12 mm varifocal autoiris lens and heater; UTP video transmission, 24 VAC. Vicon model V910-W3312T.	632.19	32.58
28 23 00 00-0197	EA		Surface Mount Day/Night Outdoor Dome Camera..... Note: Includes 1/4" high-resolution color/monochrome camera and 3.3-12mm day/night varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312DN.	712.58	36.67
28 23 00 00-0198	EA		Surface Mount Dome Camera, 3.3-12mm Varifocal Autoiris Lens..... Note: Outdoor. Includes 1/3" high-resolution color camera with ExView high-sensitivity CCD and 3.3-12mm varifocal autoiris lens and heater, 24 VAC. Vicon model V910-W3312.	605.74	31.22
28 23 00 00-0199			Roughneck V910 Mounting Options (28 23 00 00-0116)		
28 23 00 00-0200	EA		Pendant Adapter, For Use With V910 Dome Series Note: Adapts V910 to work with SVFT-UWM, SVT-WM, and SVFT-UCM pendant mounts; indoor/outdoor. Vicon model V910-PH.	43.73	2.27
28 23 00 00-0201	EA		In-Ceiling Mounting Kit, For Use With V910 Dome Series..... Note: For drop ceiling installations. Vicon model V910-ICD.	165.30	8.51
28 23 00 00-0202	EA		In-Ceiling Mounting Kit, For Use With V910 Dome Series..... Note: For hard ceiling installations. Vicon model V910-ICH.	152.07	7.83
28 23 00 00-0203			Roughneck V910 Fixed Impact Resistant IP Camera Dome (28 23 00 00-0116)		
28 23 00 00-0204	EA		Surface Mount Indoor Dome Camera Note: UTP video transmission. Vicon model V910-3312T.	557.38	26.21
28 23 00 00-0205	EA		Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312V3.	1,409.85	72.65
28 23 00 00-0206	EA		Fixed IP Outdoor Camera Dome, 3.3-12mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/4" day/night camera and 3.3-12mm autoiris varifocal lens; heater. Vicon model V910-W3312DNNV3.	1,516.68	78.10
28 23 00 00-0207	EA		Fixed IP Outdoor Camera Dome, 2.8mm Autoiris Varifocal Lens..... Note: Transmits high-quality video across the network for remote viewing and recording. Compatible with ViconNet version 3.0 Network Video Recorders (NVRs) and workstations. Surface-mount; 1/3" ExView color camera and 2.8mm autoiris fixed lens; heater. Vicon model V910-28V3.	1,259.41	64.93

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 23 00 00-0208		Roughneck Corner Mount High Security Camera (28 23 00 00-0116)			
28 23 00 00-0209	EA	Indoor, 1/3" High-Resolution Color Camera..... Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312.	613.09		31.22
28 23 00 00-0210	EA	Indoor, 1/4" Day/Night High-Resolution Color Camera..... Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894CSH-3312DN.	712.58		36.67
28 23 00 00-0211		Roughneck Wall Mount High Security Camera (28 23 00 00-0116)			
28 23 00 00-0212	EA	Indoor, 1/3" High-Resolution Color Camera..... Note: With ExView CCD and isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312.	613.09		31.22
28 23 00 00-0213	EA	Indoor, 1/4" Day/Night High-Resolution Camera..... Note: With isolated power input, 3.3-12mm autoiris varifocal lens, brushed stainless steel finish. Vicon model V894WSH-3312DN.	712.58		36.67
28 23 00 00-0214		Environmental Housing Cameras (28 23 00 00-0116)			
28 23 00 00-0215	EA	Outdoor, 1/3" Day/Night Color Camera..... Note: 3.3-12mm Autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-620.	509.12		26.22
28 23 00 00-0216	EA	Outdoor, 1/3" Day/Night Color Camera..... Note: 5-50mm autoiris varifocal lens, 550 TVL resolution, 12VDC/24VAC; IR illumination; metallic gray aluminum. Vicon model VC-621.	1,047.74		26.22
28 23 00 00-0217		Monochrome Cameras (28 23 00 00-0116)			
28 23 00 00-0218	EA	1/3" Format, 24 Volt AC, 380 Lines Resolution..... Note: With linear shutter. Vicon model VC2153A-24.	152.07		7.83
28 23 00 00-0219	EA	1/3" Format, 24 Volt AC, 580 Lines High-Resolution..... Note: With linear shutter. Vicon model VC2430A-24.	213.78		11.01
28 23 00 00-0220		Color Cameras (28 23 00 00-0116)			
28 23 00 00-0221	EA	1/3" Format, 24 Volt AC, 330 TVL (0.2 lux)..... Note: Vicon model VC355-DSP.	213.78		11.01
28 23 00 00-0222	EA	1/3" Format, High-Resolution Color, 480 TVL (0.4 lux)..... Note: Vicon model VC365-DSP.	249.05		12.83
28 23 00 00-0223	EA	1/3" Format, High-Resolution Color, 480 TVL (0.4 lux), ExView..... Note: ExView Super HAD CCD. Vicon model VC465-DSP.	330.60		17.02
28 23 00 00-0224	EA	1/3" Format, DSP, 3.3-12mm Autoiris Varifocal Lens..... Note: 480 TVL (0.2 lux), 12VDC/24VAC. Vicon model VC-630.	349.11		17.02
28 23 00 00-0225		Day/Night Cameras (28 23 00 00-0116)			
28 23 00 00-0226	EA	Day/Night Camera, 1/3" Format..... Note: 24 VAC high-resolution color/monochrome operation; 480 TVL (day) and 580 TVL (night) horizontal resolution. Vicon model VC565DN.	448.33		29.40
28 23 00 00-0227	EA	Wide Dynamic Range Day/Night Camera..... Note: Color/Monochrome operation, C/CS mount, 480 HTVL, INT/LL, 12VDC/24VAC isolated power supply. Vicon model VC632.	514.48		29.40
28 23 00 00-0228		Camera Power Supplies (28 23 00 00-0116)			
28 23 00 00-0229	EA	Power Supply, Converts 120 Volt AC To 24 Volt AC..... Note: Vicon model VC24PS-1.	15.43		0.79
28 23 00 00-0230	EA	Power Supply, For Roughneck Corner And Wall Mount Cameras..... Note: Converts 120 VAC to 12 VDC, 0.5 amps. Vicon model V894PS-12.	35.27		1.82
28 23 00 00-0231	EA	Power Supply, 8-Channel, Converts 120 Volt AC To 24 Volt AC..... Note: 0.4 Amps/channel; used for fixed cameras with isolation. Vicon model V248-3.5PS.	187.33		9.65
28 23 00 00-0232	EA	Power Supply, 16-Channel, Converts 120 Volt AC To 24 Volt AC..... Note: 0.5 Amps/channel; used for fixed cameras with isolation. Vicon model V2416-8PS.	348.22		17.94
28 23 00 00-0233		Pan And Tilt Devices (28 23 00 00-0115)			
28 23 00 00-0234		Pan-And-Tilt Drives (28 23 00 00-0233)			
28 23 00 00-0235	EA	7.5 LB Load, Indoor, With Integral Wall Mount..... Note: Vicon model V3030APT.	301.94		15.55
28 23 00 00-0236	EA	7.5 LB Load, Indoor, With Square Base..... Note: For mounting on horizontal surfaces. Vicon model V3030APT-SB.	301.94		15.55
28 23 00 00-0237	EA	10 LB Load, Outdoor..... Note: Vicon model V3400APT-1.	623.72		32.12
28 23 00 00-0238	EA	35 LB Load, Outdoor..... Note: Vicon model VIST35.	837.51		43.13
28 23 00 00-0239	EA	35 LB Load, Outdoor, With Autopan..... Note: Vicon model VIST35-AP.	890.41		45.86
28 23 00 00-0240	EA	35 LB Load, Outdoor, With Preset Operation..... Note: Vicon model VIST35-P.	1,068.93		55.06
28 23 00 00-0241	EA	25 LB Load, Outdoor, Variable Speed With Preset Operation..... Note: Vicon model VIST-VP.	1,159.29		59.71
28 23 00 00-0242	EA	25 LB Load, Outdoor, Variable Speed With Continuous Rotation..... Note: Also with preset operation. Vicon model VIST25-VRP.	1,606.70		82.75
28 23 00 00-0243	EA	80 LB Load, Outdoor..... Note: Vicon model V390APT.	1,780.80		91.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0244	EA		80 LB Load, Outdoor, With Preset Operation Note: Vicon model V390APT-PP.	2,126.82	109.54
28 23 00 00-0245	EA		80 LB Load, Explosion Proof Note: Meets IEC class IIC rating requirements (minimum 25 pieces order required). Vicon model V380PTX-S-VPP.	5,351.24	275.62
28 23 00 00-0246			Pan-And-Tilt Options (28 23 00 00-0233)		
28 23 00 00-0247	EA		Square Base Option For 10 LB Load Outdoor Pan And Tilt Device..... Note: Vicon model V3400SB.	44.08	2.27
28 23 00 00-0248			Camera Housings (28 23 00 00-0115)		
28 23 00 00-0249			Indoor Camera Housings (28 23 00 00-0248)		
28 23 00 00-0250	EA		6.4" W x 12.6" L In-Ceiling, All-Plastic Construction Note: Vicon model V8612H. Tamperproof.	96.97	5.00
28 23 00 00-0251			Indoor/Outdoor Camera Housings (28 23 00 00-0248)		
28 23 00 00-0252	EA		Small, 2-Piece Hinged Aluminum Note: Vicon model V9312H.	88.16	4.54
28 23 00 00-0253	EA		Small, 2-Piece Hinged Aluminum, Sunshield..... Note: Vicon model V9312H-HS-24. Includes 24 VAC heater.	174.11	8.96
28 23 00 00-0254	EA		Small, 1-Piece, Extruded Aluminum With Plastic End Caps Note: Vicon model V4.5H-12-1.	103.59	5.34
28 23 00 00-0255	EA		Medium, 1-Piece, Extruded Aluminum With Plastic End Caps Note: Vicon model V4.5H-15-1.	105.79	5.45
28 23 00 00-0256	EA		Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315HC-HS. Includes 24 VAC transformer, and 120 VAC heater.	193.95	9.99
28 23 00 00-0257	EA		Medium, 2-Piece, Hinged Aluminum With Sunshield..... Note: Vicon model V9315H-HS-24. Includes 24 VAC heater.	189.54	9.77
28 23 00 00-0258	EA		Medium, 2-Piece, Hinged Extruded Aluminum With Sunshield..... Note: Vicon model V9317H-SHB-24. Includes 24VAC blower/heater.	242.44	12.49
28 23 00 00-0259			Indoor/Outdoor Camera Housings With Wiper (28 23 00 00-0248)		
28 23 00 00-0260	EA		Medium, 2-Piece, Hinged Aluminum..... Note: Vicon model V9315H-WH-24. Includes 24 VAC heater and wiper.	240.24	12.38
28 23 00 00-0261			Special Purpose Housings (28 23 00 00-0248)		
28 23 00 00-0262	EA		Explosion-Proof, Tubular Aluminum Note: Vicon model V8540H-SP.	1,068.93	55.06
28 23 00 00-0263	EA		Maximum Security, 10-Gauge Steel, Wall Or Ceiling Mount Note: Vicon model V894MSH.	445.20	22.93
28 23 00 00-0264	EA		Maximum Security, Outdoor, 10-Gauge Steel, Wall Or Ceiling Mount..... Note: Vicon model V896MSH.	480.47	24.74
28 23 00 00-0265	EA		Maximum Security, 10-Gauge Steel, Corner Mount Note: Vicon model V898MSH.	480.47	24.74
28 23 00 00-0266			Indoor Housing Accessories (28 23 00 00-0248)		
28 23 00 00-0267	EA		2' x 2' Adjustable Ceiling Panel, Aluminum Construction Note: 360° rotation. Vicon model V8612H-ACP. For Vicon model V8612H.	127.83	6.58
28 23 00 00-0268			Lenses (28 23 00 00-0115)		
28 23 00 00-0269			1/3" Varifocal Lenses (28 23 00 00-0268)		
28 23 00 00-0270	EA		Varifocal, 2.8-6 mm, F/1.4, Adjustable Iris Note: Vicon model V2.8-6VFI.	92.57	4.77
28 23 00 00-0271	EA		Varifocal, 3.5-8 mm, F/1.4, Adjustable Iris Note: Vicon model V3.5-8VFI-2.	81.55	4.20
28 23 00 00-0272	EA		Varifocal, 2.8-12 mm, F/1.2, Adjustable Iris Note: Vicon model V2.8-12VFI.	92.57	4.77
28 23 00 00-0273	EA		Varifocal, 5-50 mm, F/1.3, Adjustable Iris Note: Vicon model V5-50VFI.	196.15	10.11
28 23 00 00-0274			1/3" Autoiris Lenses, DC-Type (28 23 00 00-0268)		
28 23 00 00-0275	EA		Wide Angle, 4 mm, F/1.2 Note: Vicon model V4.0-1.2CS-G-3.	105.79	5.45
28 23 00 00-0276			1/3" Varifocal Autoiris Lenses, DC-Type (28 23 00 00-0268)		
28 23 00 00-0277	EA		Varifocal, 3.5-8 mm, F/1.4, Autoiris..... Note: Vicon model V3.5-8VF-CS-G-4.	105.79	5.45
28 23 00 00-0278	EA		Varifocal, 2.8-12 mm, F/1.2, Autoiris..... Note: Vicon model V2.8-12VF-CS-G.	127.83	6.58
28 23 00 00-0279	EA		Varifocal, 5-50 mm, f/1.3, Autoiris..... Note: Vicon model V5-50VF-CS-G.	240.24	12.38
28 23 00 00-0280	EA		Varifocal, 2.7-8 mm, F/1.0, Autoiris..... Note: Vicon model V2.7-8VF-CS-G.	128.80	7.27

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 23 00 00-0281		Motorized Zoom Lenses With Spot Filter And Autoiris (28 23 00 00-0268)			
28 23 00 00-0282	EA	1/3" Format, 10x Zoom Range, F/1.2, CS Mount, High-Speed Note: Vicon model V6-60AC-HS-1.	731.72		37.69
28 23 00 00-0283	EA	1/2" Format, 10x Zoom Range, F/1.4, C Mount, High-Speed Note: Vicon model V8-80AC-HS-1.	711.88		36.67
28 23 00 00-0284		Mounting Equipment (28 23 00 00-0115)			
28 23 00 00-0285		Wall Mounts With Adjustable Heads (28 23 00 00-0284)			
28 23 00 00-0286	EA	Wall Mount, 7.5 LB Load, Molded Plastic, 9" Long Note: Mounts to junction box. Vicon model V1100AWM.	37.47		1.93
28 23 00 00-0287	EA	Wall Mount, 20 LB Load, Aluminum, 10" Long Note: Vicon model V110AWM.	30.85		1.59
28 23 00 00-0288	EA	Wall Mount, 20 LB Load, Cast Aluminum, 11.6" Long Note: Vicon model V814AWM.	30.85		1.59
28 23 00 00-0289		Fixed Wall Mounts (28 23 00 00-0284)			
28 23 00 00-0290	EA	Wall Mount 40 LB Load, Aluminum, 16" Long Note: Vicon model V1600WM.	70.53		3.63
28 23 00 00-0291	EA	Wall Mount 200 LB Load, Steel, 24" Long Note: Vicon model V24WM.	81.55		4.20
28 23 00 00-0292	EA	Wall Mount 200 LB Load, Stainless Steel, 24" Long Note: Vicon model V24WM-SS.	266.69		13.73
28 23 00 00-0293		Adjustable Heads (28 23 00 00-0284)			
28 23 00 00-0294	EA	Adjustable Head, Medium-Duty, 60 LB Capacity Note: Vicon model V1600AH.	28.65		1.48
28 23 00 00-0295	EA	Adjustable Head, Medium To Heavy-Duty, 100 LB Capacity Note: Vicon model V2400AH.	90.37		4.66
28 23 00 00-0296		Accessories For Wall Mounts (28 23 00 00-0284)			
28 23 00 00-0297	EA	Outside Corner Mount Bracket Note: Vicon model V24CMB. For V24WM and surveyor series wall mounts.	72.74		3.74
28 23 00 00-0298		Ceiling Mounts (28 23 00 00-0284)			
28 23 00 00-0299	EA	Ceiling Mount, 7.5 LB Load, Molded Plastic, 6" Long Note: Vicon model V800ACM.	30.85		1.59
28 23 00 00-0300	EA	Ceiling Mount, 20 LB Load, Aluminum, 9" Long Note: Vicon model V8ACM.	37.47		1.93
28 23 00 00-0301	EA	Ceiling Mount, 20 LB Load, Steel, Chrome Plated, 11" Long Note: Vicon model V10UM.	55.10		2.84
28 23 00 00-0302		Pole And Parapet Mounts (28 23 00 00-0284)			
28 23 00 00-0303	EA	Pole Mount For 3"-4" Diameter Poles, Medium Duty Note: Vicon model V22PA. Use with V1600WM and V2000WM wall mounts.	134.43		6.93
28 23 00 00-0304	EA	Pole Mount Adapter For 4"-10" Diameter Poles Note: Vicon model V20B. Painted Aluminum construction, no mounting straps.	123.27		6.40
28 23 00 00-0305	EA	Pole Mount Adapter For 4"-10" Diameter Poles Note: Vicon model V20B-A. Painted Aluminum construction, includes mounting straps.	169.66		8.81
28 23 00 00-0306		Multiplexers And Quads (28 23 00 00-0001)			
28 23 00 00-0307		Aurora A2000 Color Video Multiplexers With PTZ Control (28 23 00 00-0306)			
28 23 00 00-0308	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-SC3.	1,498.27		21.53
28 23 00 00-0309	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC3.	1,995.24		21.53
28 23 00 00-0310	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Vicon model AUR2K-DC6.	2,206.98		21.53
28 23 00 00-0311		Aurora A2000 Color Video Multiplexers With Looping Cables (28 23 00 00-0306)			
		Note: With PTZ control.			
28 23 00 00-0312	EA	16-Channel Color Simplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-SC3C.	1,540.27		21.53
28 23 00 00-0313	EA	16-Channel Color Duplex Multiplexer, 30 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC3C.	2,037.24		21.53
28 23 00 00-0314	EA	16-Channel Color Duplex Multiplexer, 60 Images Per Second Note: Live view refresh. Includes looping cables. Vicon model AUR2K-DC6C.	2,250.73		21.53
28 23 00 00-0315		GENESYS Quad Splitter (28 23 00 00-0306)			
28 23 00 00-0316	EA	Real-Time Color Quad Splitter Note: Displays four cameras on one monitor. Full-featured with alarms, titling, freeze, full-screen sequential switching and on-screen programming. Vicon model V4400QS-1.	646.07		21.53
28 23 00 00-0317		Monitors And Time Lapse Recorders (28 23 00 00-0001)			

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0318			Monochrome Monitors (28 23 00 00-0317)		
28 23 00 00-0319	EA		9" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5094.	211.40	14.35
28 23 00 00-0320	EA		12" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5124.	227.15	14.35
28 23 00 00-0321	EA		15" Screen, High Resolution, 1,000 TV Lines..... Note: Vicon model VM5124.	311.15	14.35
28 23 00 00-0322			Color Monitors (28 23 00 00-0317)		
28 23 00 00-0323	EA		9" Screen 280 Lines Resolution..... Note: Vicon model VM6093.	622.62	14.34
28 23 00 00-0324	EA		14" Screen 400 Lines Resolution, NTSC/PAL Note: Vicon model VM614-3.	410.88	14.34
28 23 00 00-0325	EA		15" Screen 650 TV Lines High Resolution, NTSC/PAL Note: Vicon model VM615-5.	580.62	14.34
28 23 00 00-0326	EA		21" Screen 450 TV Lines High Resolution, Accepts NTSC/PAL..... Note: Vicon model VM621-5.	505.37	14.34
28 23 00 00-0327	EA		17" Flat Panel LCD Monitor Note: Resolution up to 1280 x 1024 (depending on scan rate); VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-617LCD.	944.60	14.34
28 23 00 00-0328	EA		19" Flat Panel LCD Monitor Note: Resolution up to 1280x1024@60/75Hz depending on scan rate. VGA, BNC, or S-Video video input and output; accepts NTSC/PAL. Vicon model VM-619LCD.	1,113.64	14.34
28 23 00 00-0329			Monitor Mounting Accessories (28 23 00 00-0317)		
28 23 00 00-0330	EA		Monitor Mount, For VM621-5 Monitor Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM615-5-MM.	392.30	20.21
28 23 00 00-0331	EA		Monitor Mount, For VM614-3 And VM615-5 Monitors Note: May be mounted to ceiling with V1502CA ceiling mount or to a wall with V1501WM wall mount. Vicon model VM61514-5-MM.	391.60	20.21
28 23 00 00-0332	EA		Wall Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1501WM.	116.46	6.01
28 23 00 00-0333	EA		Ceiling Mount For V161514-5-MM And V1621-5-MM Monitor Mounts Note: Vicon model V1502CA.	75.29	3.86
28 23 00 00-0334	EA		Rack Kit For Use With VM-617LCD Monitor..... Note: Vicon model VM-617LCD-RK.	47.61	3.86
28 23 00 00-0335	EA		Rack Kit For Use With VM-619LCD Monitor..... Note: Vicon model VM-619LCD-RK.	47.61	3.86
28 23 00 00-0336			Monitor Racking Kits (28 23 00 00-0317)		
28 23 00 00-0337	EA		Dual Rack-Mounting Kit For Two VM6093 Monitors Note: Vicon model VM6092RK.	88.16	4.54
28 23 00 00-0338	EA		Single Rack-Mounting Kit For VM615-5 Monitor..... Note: Vicon model VM615-5-RK.	110.21	5.67
28 23 00 00-0339			Time-Lapse Video Cassette Recorders (28 23 00 00-0317)		
28 23 00 00-0340	EA		Video Cassette Recorder 480 Hour Time-Lapse Note: Vicon model VCR480TL.	475.64	14.35
28 23 00 00-0341			Video Recorder Rack Mount Kit (28 23 00 00-0317)		
28 23 00 00-0342	EA		Rack Kit For Mounting VCR480TL..... Note: Vicon model VCR-RK-1.	87.46	4.54
28 23 00 00-0343			Video Signal Equipment (28 23 00 00-0001)		
28 23 00 00-0344			Amplifiers (28 23 00 00-0343)		
28 23 00 00-0345	EA		Distribution Amplifier, One Input, Six Outputs, Phase 8..... Note: Vicon model V210DA.	212.09	21.53
28 23 00 00-0346	EA		Distribution Amplifier, One Input, Six Outputs, Desk-Top Note: Vicon model V210DA-B.	212.09	21.53
28 23 00 00-0347	EA		Video Distribution Amplifier, Rack Mount..... Note: 8 Input x 2 output or 2 input or 8 output configurations. Vicon model VDA8-16.	243.59	21.53
28 23 00 00-0348			Phase Eight Racking Systems (28 23 00 00-0343)		
28 23 00 00-0349	EA		Rack Accepts Any Combination Of Phase 8 Modules Note: Totaling eight single-width units. Vicon model VP8RK.	63.92	3.29
28 23 00 00-0350	EA		Closure Panel, Single Width Closure Panel For VP8RK..... Note: Vicon model VP8-CP-1.	11.02	0.57
28 23 00 00-0351	EA		Closure Panel, Double Width Closure Panel For VP8RK Note: Vicon model VP8-CP-2.	17.63	0.90
28 23 00 00-0352			Ground Loop Corrector (28 23 00 00-0343)		
28 23 00 00-0353	EA		Passive Ground Loop Correction Transformer Note: Single channel, for Vicoax. Vicon model V235GLTA.	123.42	6.35

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0354			Twisted Pair Video Transmission (28 23 00 00-0343)		
28 23 00 00-0355	EA		Video Transceiver, Transmits Or Receives Video And Vicoax Data .....94.77 Note: Transmits or receives video and Vicoax data up to 500' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V212-NVT.	94.77	4.88
28 23 00 00-0356	EA		Video Transceiver, Transmits Or Receives Video And Vicoax Data .....141.05 Note: Transmits or receives video and Vicoax data up to 1000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V213-NVT.	141.05	7.27
28 23 00 00-0357	EA		Video Receiver, Receives Video From V213-NVT Transmitter.....354.83 Note: Up to 3000' over twisted-pair wire (can be used as receiver for UTP camera domes). Vicon model V652R-NVT.	354.83	18.28
28 23 00 00-0358			Surge Protectors (28 23 00 00-0343)		
28 23 00 00-0359	EA		Surge Protector.....46.29 Note: Protects video equipment from induced power surges in video lines. Vicon model V15LPG.	46.29	2.38
28 23 00 00-0360			Fiber Optic Transmission Equipment (28 23 00 00-0001)		
28 23 00 00-0361			Single Channel Video Transmission (28 23 00 00-0360)		
28 23 00 00-0362	EA		Video Transmitter, 13 dB .....216.87 Note: Vicon model V700T.	216.87	11.17
28 23 00 00-0363	EA		Video Transmitter, 13 dB, Rack Mount .....239.35 Note: Vicon model V700T-R.	239.35	12.33
28 23 00 00-0364	EA		Video Receiver, 13 dB .....263.15 Note: Vicon model V700R.	263.15	13.55
28 23 00 00-0365	EA		Video Receiver, 13 dB, Rack Mount .....263.15 Note: Vicon model V700R-R.	263.15	13.55
28 23 00 00-0366	EA		Video Receiver, 2-Channel, 2-Fibers, 13 dB, Rack Mount.....477.38 Note: Vicon model V702R-R.	477.38	24.59
28 23 00 00-0367	EA		Video Transmitter, 13 dB .....265.81 Note: Vicon model V701T.	265.81	13.69
28 23 00 00-0368	EA		Video Transmitter, 13 dB, Rack Mount .....265.81 Note: Vicon model V701T-R.	265.81	13.69
28 23 00 00-0369	EA		Video Receiver, 13 dB .....320.02 Note: Vicon model V701R.	320.02	16.48
28 23 00 00-0370	EA		Video Receiver, 13 dB, Rack Mount .....320.02 Note: Vicon model V701R-R.	320.02	16.48
28 23 00 00-0371			Multi-channel Video Transmission (28 23 00 00-0360)		
28 23 00 00-0372	EA		Video Transmitter, 4-Channel .....1,209.98 Note: Vicon model V707T.	1,209.98	62.32
28 23 00 00-0373	EA		Video Transmitter, 4-Channel, Rack Mount .....1,209.98 Note: Vicon model V707T-R.	1,209.98	62.32
28 23 00 00-0374	EA		Video Receiver, 4-Channel .....1,209.98 Note: Vicon model V707R.	1,209.98	62.32
28 23 00 00-0375	EA		Video Receiver, 4-Channel, Rack Mount .....1,209.98 Note: Vicon model V707R-R.	1,209.98	62.32
28 23 00 00-0376	EA		Video Transmitter, 2-Channel .....650.61 Note: Vicon model V703T.	650.61	33.51
28 23 00 00-0377	EA		Video Transmitter, 2-Channel, Rack Mount .....650.61 Note: Vicon model V703T-R.	650.61	33.51
28 23 00 00-0378	EA		Video Receiver, 2-Channel .....650.61 Note: Vicon model V703R.	650.61	33.51
28 23 00 00-0379	EA		Video Receiver, 2-Channel, Rack Mount .....650.61 Note: Vicon model V703R-R.	650.61	33.51
28 23 00 00-0380			Bidirectional Video For Vicoax (28 23 00 00-0360)		
28 23 00 00-0381	EA		Bidirectional Fiber-Optic Transmitter, For Vicoax .....834.42 Note: Vicon model V739T.	834.42	42.98
28 23 00 00-0382	EA		Bidirectional Fiber-Optic Transmitter, For Vicoax, Rack Mount .....834.42 Note: Vicon model V739T-R.	834.42	42.98
28 23 00 00-0383	EA		Bidirectional Fiber-Optic Receiver, For Vicoax .....834.42 Note: Vicon model V739R.	834.42	42.98
28 23 00 00-0384	EA		Bidirectional Fiber-Optic Receiver, For Vicoax, Rack Mount .....834.42 Note: Vicon model V739R-R.	834.42	42.98
28 23 00 00-0385			Video And Data Transmission (28 23 00 00-0360)		
28 23 00 00-0386	EA		Video/Data Transmitter, Single Fiber, Duplex RS-422 .....844.82 Note: Simplex Video, For NOVA Systems. Vicon model V732T.	844.82	43.47
28 23 00 00-0387	EA		Video/Data Receiver, Single Fiber, Duplex RS-422 .....844.82 Note: Simplex Video, For NOVA Systems. Vicon model V732R.	844.82	43.47
28 23 00 00-0388	EA		Video/Data Receiver, Single Fiber, Duplex RS-422, Rack Mount .....844.82 Note: Simplex Video, For NOVA Systems. Vicon model V732R-R.	844.82	43.47
28 23 00 00-0389			Racking Equipment And Power Supplies (28 23 00 00-0360)		
28 23 00 00-0390	EA		Special 19" Rack Panel .....192.69 Note: Houses 3 V-VH439 4-channel UTP transmitters. Vicon model V-RK439.	192.69	9.05
28 23 00 00-0391	EA		Special 19" Rack Panel Assemblies .....2,263.16 Note: Includes 3 V-VH439 4-channel UTP transmitters. Vicon model V-VRK439X3.	2,263.16	106.44
28 23 00 00-0392	EA		Winsted 35" Vertical Rack .....1,584.21 Note: Vicon model VW-RACK-PKG5.	1,584.21	74.51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0393	EA		15-Channel Rack, With 6 Amp Power Supply..... Note: Vicon model V515R-PS.	1,072.64	46.09
28 23 00 00-0394	EA		17-Channel Rack, Use With V517E-PS..... Note: Vicon model V517R-PS.	424.74	18.26
28 23 00 00-0395	EA		Blank Filler Panel, For Rack, 1" Wide..... Note: Vicon model VOP-CP1.	30.43	1.30
28 23 00 00-0396	EA		High-Output Power Supply, 19" Rack Mount..... Note: Powers two V517R-PS racks, Vicon model V517E-PS.	1,084.05	46.58
28 23 00 00-0397	EA		Power Supply, 120 Volt AC To 12 Volt DC..... Note: Vicon model VOPPS-120DC.	43.11	1.86
28 23 00 00-0398	EA		Power Supply, 120 Volt AC To 12 Volt DC, High Output..... Note: Vicon model VOPPS-120HDC.	77.35	3.32
28 23 00 00-0399			SurveyorVFT Fiber Receivers And Racking (28 23 00 00-0360)		
28 23 00 00-0400	EA		Video/Data Receiver, Single Fiber, Duplex RS-422, Simplex Video..... Note: For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	843.13	43.05
28 23 00 00-0401	EA		Video/Data Receiver Rack Mount, Single Fiber, Duplex RS-422..... Note: Simplex video. For use with SurveyorVFT fiber domes only. Vicon model VF-1400R.	843.13	43.05
28 23 00 00-0402	EA		Rack, 14 Slots, With 100 W Power Supply..... Note: For use with VF-1400 series receivers. Blank panels are VF-BPS-1. Vicon model VF-1400R.	1,138.35	58.64
28 23 00 00-0403	EA		Blank Panel, For Use With VF-SR20/2 Rack..... Note: Vicon model VF-BPS-1.	23.81	1.22
28 23 00 00-0404			Hubs And Terminators (28 23 00 00-0360)		
28 23 00 00-0405	EA		75-OHM Terminator For Unused Video Looping BNCs..... Note: Vicon model V75T.	4.40	0.23
28 23 00 00-0406	EA		Special 4-Port Video Mini-Hub, 3000' Maximum Distance..... Note: 4-Channel UTP transmitter. Vicon model V-VH439.	672.48	31.63
28 23 00 00-0407			System Controls And Matrix Systems (28 23 00 00-0001)		
28 23 00 00-0408			NOVA V1422 UTP Or Coaxial 32 x 8 Matrix System (28 23 00 00-0407)		
28 23 00 00-0409	EA		Advanced Digital Control And Matrix Switcher..... Note: 32 Camera inputs, 8 monitor outputs. Full camera station control and matrix switching. NOVA and Vicoax compatible. Includes V1400VGC Windows-based configuration software. Vicon model V1422.	3,185.17	21.53
28 23 00 00-0410			NOVA V1344 Matrix Prepacs (28 23 00 00-0407)		
			Note: Programmable systems with internal CPU.		
28 23 00 00-0411	EA		Controls 8 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V8X8-ICPS.	3,363.27	35.52
28 23 00 00-0412	EA		Controls 16 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V16X8-ICPS.	3,764.26	36.60
28 23 00 00-0413	EA		Controls 24 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V24X8-ICPS.	4,399.73	37.67
28 23 00 00-0414	EA		Controls 32 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V32X8-ICPS.	4,566.24	38.75
28 23 00 00-0415	EA		Controls 40 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V40X8-ICPS.	4,967.23	39.83
28 23 00 00-0416	EA		Controls 48 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V48X8-ICPS.	5,233.47	40.90
28 23 00 00-0417	EA		Controls 56 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V56X8-ICPS.	5,506.73	41.98
28 23 00 00-0418	EA		Controls 64 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V64X8-ICPS.	5,856.97	43.05
28 23 00 00-0419	EA		Controls 72 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V72X8-ICPS.	6,014.72	44.13
28 23 00 00-0420	EA		Controls 80 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V80X8-ICPS.	6,375.47	45.21
28 23 00 00-0421	EA		Controls 88 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V88X8-ICPS.	6,811.46	46.28
28 23 00 00-0422	EA		Controls 96 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V96X8-ICPS.	7,107.45	47.36
28 23 00 00-0423	EA		Controls 104 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V104X8-ICPS.	7,594.19	48.43
28 23 00 00-0424	EA		Controls 112 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V112X8-ICPS.	7,869.20	49.52
28 23 00 00-0425	EA		Controls 120 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V120X8-ICPS.	8,145.94	50.59

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 23 00 00-0426	EA	Controls 128 Cameras And 8 Monitors..... Note: Includes 1 switcher card cage, V1344SCPU-HDA internal CPU, programming keyboard and 9" monochrome monitor. Vicon model V128X8-ICPS.	8,422.69	51.66	
28 23 00 00-0427		NOVA V1344 Internal CPU And Titler <small>(28 23 00 00-0407)</small>			
28 23 00 00-0428	EA	Internal CPU For Matrix Switcher Card Cage..... Note: Controls video switcher, pan-and-tilt, lens and auxiliary functions. Controls matrix switching for up to 128 cameras and 24 monitors. Vicon model V1344SCPU-HDA.	1,135.34	14.34	
28 23 00 00-0429	EA	Time/Date/Titler Card..... Note: Provides three lines for titling and one line for time and date. Used with V1344 CPU system only. Vicon model V1344STDT-HD.	384.63	14.34	
28 23 00 00-0430	EA	Programming Keyboard For V1344SCPU, V1466SCPU-A And V1500 CPUs..... Note: Vicon model V1300X-PKA.	165.89	14.34	
28 23 00 00-0431		MATRIX 44 High Density Switcher Components <small>(28 23 00 00-0407)</small>			
28 23 00 00-0432	EA	Card Cage 128 Inputs x 8 Outputs..... Note: Contains power supply, video output amplifier, and motherboard for up to 16 V4410S-HD video switching cards. Vicon model V4481SCC-HD.	1,648.76	21.53	
28 23 00 00-0433	EA	Video Switch Card..... Note: Switching and decoding circuitry for eight camera inputs. Connector panel V4411RP-BNC or V4411RP-RIB ordered separately. Vicon model V4410S-HD.	312.97	16.12	
28 23 00 00-0434	EA	Rear Connector Panel, 1 Ribbon Cable Connector..... Note: 8 BNC connectors. Use with V4410S-HD. Vicon model V4411RP-BNC.	92.57	4.77	
28 23 00 00-0435	EA	Rear Connector Panel, 2 Ribbon Cable Connectors..... Note: Use with V4410S-HD. Vicon model V4411RP-RIB.	77.14	3.97	
28 23 00 00-0436	EA	Address Decoder..... Note: Decodes CPU control signal. One required for each V4481SCC-HD. If system uses V1344SCPU-HD, eliminate one V4430ADEC-HD. Vicon model V4430ADEC-HD.	392.30	20.21	
28 23 00 00-0437	EA	Expander Card For Systems With More Than 128 Camera Inputs..... Note: One required for each camera expansion card cage. Vicon model V4441SEXP-HD.	511.32	26.34	
28 23 00 00-0438	EA	Blank Rear Closure Panel For V4481SCC-HD..... Note: Vicon model V4450RCP-HD.	22.04	1.13	
28 23 00 00-0439	EA	21" Coaxial Ribbon Cable..... Note: For distributing video between V4410S-HD cards. Vicon model V44RCP-21-1.	22.04	1.13	
28 23 00 00-0440	EA	12" Coaxial Ribbon Cable Assembly..... Note: For distributing video signals from V4410S-HD switcher cards to external devices. Terminated with eight BNCs. Vicon model V44RCB-12-1.	105.79	5.45	
28 23 00 00-0441	EA	75-OHM Terminator..... Note: For unused looping outputs and looping video coaxial ribbon cable connectors, Matrix 44. Vicon model V75TR-1.	36.95	1.37	
28 23 00 00-0442		NOVA 1466A Matrix Prepacs, Programmable Systems <small>(28 23 00 00-0407)</small>			
28 23 00 00-0443	EA	Controls 64 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X16A-IHCPS.	5,818.82	43.05	
28 23 00 00-0444	EA	Controls 64 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS.	9,508.31	43.05	
28 23 00 00-0445	EA	Controls 128 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X16A-IHCPS.	7,199.51	51.66	
28 23 00 00-0446	EA	Controls 128 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS.	10,310.48	51.66	
28 23 00 00-0447	EA	Controls 192 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X16A-IHCPS.	7,656.25	60.28	
28 23 00 00-0448	EA	Controls 192 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V192X32A-IHCPS.	11,739.46	60.28	
28 23 00 00-0449	EA	Controls 256 Cameras And 16 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X16A-IHCPS.	9,387.60	68.89	
28 23 00 00-0450	EA	Controls 256 Cameras And 32 Monitors..... Note: Includes 2 switcher card cages, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V256X32A-IHCPS.	13,534.87	68.89	
28 23 00 00-0451		NOVA V1466A Matrix Prepacs, Single Cage Programmable Systems <small>(28 23 00 00-0407)</small>			
28 23 00 00-0452	EA	Controls 64 Cameras And 32 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V64X32A-IHCPS-S.	7,234.14	43.05	
28 23 00 00-0453	EA	Controls 128 Cameras And 32 Monitors..... Note: Includes 1 switcher card cage, internal V1466A CPU titler, programming keyboard and 9" monochrome monitor. Vicon model V128X32A-IHCPS-S.	10,157.19	51.66	
28 23 00 00-0454		NOVA V1466A Internal CPU And Titler <small>(28 23 00 00-0407)</small>			
28 23 00 00-0455	EA	Internal CPU For Matrix 66 Card Cage..... Note: Controls video switcher, pan-and-tilt, lens, and auxiliary functions. Controls matrix switching for up to 256 cameras and 32 monitors. Vicon model V1466ASCPA-A.	930.95	14.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0456	EA		Time/Date/Title Card, For Monitors 1-16 .....772.41 Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-16.	14.35	
28 23 00 00-0457	EA		Time/Date/Title Card, For Monitors 17-32 .....1,185.04 Note: Provides advanced titling capability including sectors, presets and camera ID in addition to time and date. Used only with V1466ASCPU-A. Vicon model V1466ATDTSHD-32.	14.35	
28 23 00 00-0458			Matrix 66 Super High Density Switcher Components (28 23 00 00-0407)		
28 23 00 00-0459	EA		Coaxial Ribbon Cable, 1 D-Shell Connector And 8 BNCs 110.21 Note: Vicon model V66RCB-24.	5.67	
28 23 00 00-0460	EA		Coaxial Ribbon Cable, 2 D-Shell Connectors 110.21 Note: Vicon model V66RC-36.	5.67	
28 23 00 00-0461	EA		75-OHM Terminator For Unused Looping Outputs 39.67 Note: Also for looping video D-shell Connectors, Matrix 66. Vicon model V75TR-SHD.	2.05	
28 23 00 00-0462	EA		Card Cage (256x16) .....2,287.82 Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-16-1A.	21.53	
28 23 00 00-0463	EA		Card Cage (128x32) 937.60 Note: Accepts up to 4 switcher cards. Includes motherboard and power supply. Vicon model V6680SCC-32-1A.	21.53	
28 23 00 00-0464	EA		Decoder Board, For External CPU..... 350.43 Note: Vicon model V1466ADCDB.	18.05	
28 23 00 00-0465	EA		Video Switcher Card, Switching For 64 Camera Inputs .....1,220.55 Note: Rear connector panels ordered separately. Vicon model V6610S-1A.	62.87	
28 23 00 00-0466	EA		Camera Input Panel, 64 BNC Connectors .....218.19 Note: Vicon model V6610RP64-1A.	11.24	
28 23 00 00-0467	EA		Camera Input Panel, 32 BNC Connectors 187.76 Note: Vicon model V6610RP32-1A.	9.68	
28 23 00 00-0468	EA		Monitor Output Panel, 16 BNC Connectors 169.27 Note: Vicon model V6610RP16-OA.	8.72	
28 23 00 00-0469	EA		Monitor Output Panel, 32 BNC Connectors 183.79 Note: Vicon model V6610RP32-OA.	9.47	
28 23 00 00-0470	EA		Camera Looping Panel, 64 Channels, 16 D-Shell Cable Connectors..... 178.52 Note: Vicon model V6610RP64-LA.	9.19	
28 23 00 00-0471	EA		Expander Card, 32 Channels, For Use In Star Configuration 747.15 Note: Vicon model V6640SEXP32-A.	38.48	
28 23 00 00-0472	EA		Expander Card, 16 Channels, For Use In Serial Loop Configuration..... 509.12 Note: Vicon model V6640SEXP16-A.	26.22	
28 23 00 00-0473	EA		Video Amplifier Board, Outputs For Monitors 1-16 Or 17-32 870.41 Note: Vicon model V6632-AMP-1A or V6632-AMP-1A.	21.53	
28 23 00 00-0474	EA		Card Extender, For Switcher Slots (For Service).....117.60 Note: Vicon model V6670XS-A.	21.53	
28 23 00 00-0475	EA		Card Extender, For AMP/OSD Slots (For Service) 385.33 Note: Vicon model V6670XA-A.	21.53	
28 23 00 00-0476	EA		Blank Rear Closure Panel, For Unused Card Positions..... 19.84 Note: Vicon model V6650RCP-A.	1.03	
28 23 00 00-0477			Matrix 66 Prepacs With Titling For Use With NOVA 1500 (28 23 00 00-0407)		
28 23 00 00-0478	EA		Controls 64 Cameras And 16 Monitors.....7,174.29 Note: Includes 1 switcher card cage and titling card cage. Vicon model V64X16-MX66A.	43.05	
28 23 00 00-0479	EA		Controls 64 Cameras And 32 Monitors 12,626.63 Note: Includes 2 switcher card cages and titling card cage. Vicon model V64X32-MX66A.	43.05	
28 23 00 00-0480	EA		Controls 64 Cameras And 48 Monitors 19,442.84 Note: Includes 3 switcher card cages and titling card cage. Vicon model V64X48-MX66A.	43.05	
28 23 00 00-0481	EA		Controls 64 Cameras And 64 Monitors .....24,820.64 Note: Includes 4 switcher card cages and titling card cage. Vicon model V64X64-MX66A.	43.05	
28 23 00 00-0482	EA		Controls 128 Cameras And 16 Monitors 10,122.54 Note: Includes 1 switcher card cage and titling card cage. Vicon model V128X16-MX66A.	51.66	
28 23 00 00-0483	EA		Controls 128 Cameras And 32 Monitors 15,993.81 Note: Includes 2 switcher card cages and titling card cage. Vicon model V128X32-MX66A.	51.66	
28 23 00 00-0484	EA		Controls 128 Cameras And 48 Monitors 23,723.46 Note: Includes 3 switcher card cages and titling card cage. Vicon model V128X48-MX66A.	51.66	
28 23 00 00-0485	EA		Controls 128 Cameras And 64 Monitors .....31,884.65 Note: Includes 4 switcher card cages and titling card cage. Vicon model V128X64-MX66A.	51.66	
28 23 00 00-0486	EA		Controls 192 Cameras And 16 Monitors 12,697.01 Note: Includes 1 switcher card cage and titling card cage. Vicon model V192X16-MX66A.	60.28	
28 23 00 00-0487	EA		Controls 192 Cameras And 32 Monitors .....20,021.39 Note: Includes 2 switcher card cages and titling card cage. Vicon model V192X32-MX66A.	60.28	
28 23 00 00-0488	EA		Controls 192 Cameras And 48 Monitors .....30,162.76 Note: Includes 3 switcher card cages and titling card cage. Vicon model V192X48-MX66A.	60.28	
28 23 00 00-0489	EA		Controls 192 Cameras And 64 Monitors .....36,712.29 Note: Includes 4 switcher card cages and titling card cage. Vicon model V192X64-MX66A.	60.28	
28 23 00 00-0490	EA		Controls 256 Cameras And 16 Monitors 15,200.77 Note: Includes 1 switcher card cage and titling card cage. Vicon model V256X16-MX66A.	68.89	
28 23 00 00-0491	EA		Controls 256 Cameras And 32 Monitors .....23,679.39 Note: Includes 2 switcher card cages and titling card cage. Vicon model V256X32-MX66A.	68.89	
28 23 00 00-0492	EA		Controls 256 Cameras And 48 Monitors 35,487.01 Note: Includes 3 switcher card cages and titling card cage. Vicon model V256X48-MX66A.	68.89	
28 23 00 00-0493	EA		Controls 256 Cameras And 64 Monitors .....46,009.51 Note: Includes 4 switcher card cages and titling card cage. Vicon model V256X64-MX66A.	68.89	
28 23 00 00-0494	EA		Controls 320 Cameras And 16 Monitors 21,504.99 Note: Includes 1 switcher card cage and titling card cage. Vicon model V320X16-MX66A.	86.10	
28 23 00 00-0495	EA		Controls 320 Cameras And 32 Monitors .....34,777.28 Note: Includes 2 switcher card cages and titling card cage. Vicon model V320X32-MX66A.	86.10	
28 23 00 00-0496	EA		Controls 320 Cameras And 48 Monitors .....50,918.01 Note: Includes 3 switcher card cages and titling card cage. Vicon model V320X48-MX66A.	86.10	
28 23 00 00-0497	EA		Controls 320 Cameras And 64 Monitors .....67,793.70 Note: Includes 4 switcher card cages and titling card cage. Vicon model V320X64-MX66A.	86.10	

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0498	EA		Controls 384 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V384X16-MX66A.	24,123.55	103.33
28 23 00 00-0499	EA		Controls 384 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V384X32-MX66A.	38,479.38	103.33
28 23 00 00-0500	EA		Controls 384 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V384X48-MX66A.	57,375.15	103.33
28 23 00 00-0501	EA		Controls 384 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V384X64-MX66A.	74,835.65	103.33
28 23 00 00-0502	EA		Controls 448 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V448X16-MX66A.	26,755.78	120.55
28 23 00 00-0503	EA		Controls 448 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V448X32-MX66A.	42,266.54	120.55
28 23 00 00-0504	EA		Controls 448 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V448X48-MX66A.	62,785.52	120.55
28 23 00 00-0505	EA		Controls 448 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V448X64-MX66A.	81,982.62	120.55
28 23 00 00-0506	EA		Controls 512 Cameras And 16 Monitors Note: Includes 1 switcher card cage and titling card cage. Vicon model V512X16-MX66A.	29,419.50	137.77
28 23 00 00-0507	EA		Controls 512 Cameras And 32 Monitors Note: Includes 2 switcher card cages and titling card cage. Vicon model V512X32-MX66A.	46,008.55	137.77
28 23 00 00-0508	EA		Controls 512 Cameras And 48 Monitors Note: Includes 3 switcher card cages and titling card cage. Vicon model V512X48-MX66A.	68,267.28	137.77
28 23 00 00-0509	EA		Controls 512 Cameras And 64 Monitors Note: Includes 4 switcher card cages and titling card cage. Vicon model V512X64-MX66A.	89,237.73	137.77
28 23 00 00-0510			NOVA 1500 Network Switching Control System (28 23 00 00-0407)		
28 23 00 00-0511	EA		NOVA 1500 Central Processing Unit Note: Includes internal graphic configurator, capable of addressing over 8000 camera and 500 monitor and keypad stations. Use with companion NOVA 1500-CDU Communication Distribution Unit and Matrix Switching Systems. Vicon model V1500CPU.	5,321.80	21.53
28 23 00 00-0512	EA		NOVA 1500 Communication Distribution Unit Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes one network interface card and one power supply module. Vicon model V1500CDU-1.	3,914.88	21.53
28 23 00 00-0513	EA		NOVA 1500 CDU, Internal Redundant Configuration Note: Configured to address 2046 cameras, 128 monitors, 32 keypads, one RS-232 port and monitor titling. Includes redundant personality modules, power supplies and network cards for automatic switchover Vicon model V1500CDU-H-1.	5,589.54	21.53
28 23 00 00-0514	EA		NOVA 1500CDU, Chassis Note: Includes one network interface card and power supply module. Must be populated with CDU personality modules. Vicon model V1500CDU-CC.	1,778.25	21.53
28 23 00 00-0515	EA		NOVA 1500CDU, Alarm Module Note: Provides communication from V1500CDU to Vicon alarm devices Vicon model V1500CDU-ALRM.	521.83	21.53
28 23 00 00-0516	EA		NOVA 1500CDU, Time/Date/Title Module Note: Provides control communication between V1500CDU and matrix time/date/titling devices. Vicon model V1500CDU-TDT.	516.58	21.53
28 23 00 00-0517	EA		NOVA 1500CDU, Video Module Note: Provides control communication between V1500CDU and matrix video switcher. Vicon model V1500CDU-VID.	504.33	21.53
28 23 00 00-0518	EA		NOVA 1500CDU, Serial Module Note: Provides control communication between V1500CDU and Vicon system keypads/PTZ receivers or host RS-232 devices Vicon model V1500CDU-SER.	486.83	21.53
28 23 00 00-0519	EA		NOVA 1500CDU, Rear Closure Panel Note: Closes un-populated slots in V1500CDU chassis. Vicon model V1500CDU-RCP.	13.68	0.79
28 23 00 00-0520	EA		NOVA 1500CDU, Redundant Power Supply Module Note: Provides internal power redundancy for the V1500CDU. Vicon model V1500CDU-HSB-POW.	278.62	17.60
28 23 00 00-0521	EA		NOVA 1500CDU, Redundant Network Interface Module Note: Provides internal network communication redundancy for the V1500CDU. Vicon model V1500CDU-HSB-NET.	569.62	36.10
28 23 00 00-0522	EA		NOVA 1500CDU, Redundant Alarm Module Note: Provides internal redundant communication from V1500CDU to alarm devices. Vicon model V1500CDU-HSB-ALRM.	887.55	21.53
28 23 00 00-0523	EA		NOVA 1500CDU, Redundant Time/Date/Title Module Note: Provides internal redundant communication from V1500CDU to time/date/titling device Vicon model V1500CDU-HSB-TDT.	875.30	21.53
28 23 00 00-0524	EA		NOVA 1500CDU, Redundant Video Module Note: Provides internal redundant communication from V1500CDU to video matrix switcher. Vicon model V1500CDU-HSB-VID.	891.05	21.53
28 23 00 00-0525	EA		NOVA 1500CDU, Redundant Serial Module Note: Provides internal redundant communication from V1500CDU to system keypads, receivers, host RS-232 devices. Vicon model V1500CDU-HSB-SER.	861.31	21.53
28 23 00 00-0526	EA		Multi-Input VGA Monitor/Keyboard Note: Used with V1500CPU, accepts 8 VGA inputs from multiple PCs, includes 2 PC cables. Rack mount only. Vicon model V1500KVM-R.	4,526.66	32.29
28 23 00 00-0527	EA		Cable For Use With V1500-KVM-R Note: Connects additional PCs to V1500-KVM-R. Vicon model V1500KVM-R.	50.69	2.61
28 23 00 00-0528	EA		10' Patch 5 Cable Note: Vicon model CAT5e-Patch-10.	43.69	2.61
28 23 00 00-0529			Time/Date/Title For NOVA 1500 (28 23 00 00-0407)		
28 23 00 00-0530	EA		Card Cage Note: Holds up to 16 V1300X-TDT circuit cards, each of which titles 2 monitors (32 monitors total per card cage). Vicon model V1300X-TCC.	555.07	21.53
28 23 00 00-0531	EA		Power Supply Note: Used in V1300X-TCC-1, 1 per card cage. Vicon model V1300X-TC-PS.	328.39	16.91
28 23 00 00-0532	EA		Master Module Note: Provides addressing for 32 monitors and loop-through signaling for additional V1300X-TCC card cage Vicon model V1400X-TDT-MA.	241.84	21.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0533	EA		Slave Module..... Note: Provides addressing for 32 monitors in additional V1300X-TCC card cage. Vicon model V1300X-TC-SL-1.	245.34	21.53
28 23 00 00-0534	EA		Time/Date/Title Assembly..... Note: Circuit card provides time/date/titles for 2 monitors. Vicon model V1300X-TDT.	304.84	21.53
28 23 00 00-0535	EA		Blank Rear Closure Panel For V1300X-TCC..... Note: Vicon model V1300X-RCT.	30.85	1.59
28 23 00 00-0536			System Console Control Station (28 23 00 00-0407)		
28 23 00 00-0537	EA		System Console..... Note: Controls NOVA Matrix Systems, Aurora 2000 / AurorACorD multiplexers and recorders and time-lapse VCRs. Vicon model V1400X-DVC-3.	1,482.00	16.14
28 23 00 00-0538	EA		Trackball For Use With System Console..... Note: Vicon model V1400X-JST.	276.32	16.14
28 23 00 00-0539	EA		Desktop Joystick For Use With System Console..... Note: Vicon model V1400X-DJT.	318.32	16.14
28 23 00 00-0540			NOVA Control Keypads (28 23 00 00-0407)		
28 23 00 00-0541	EA		Control Keypad, Small Profile Desk-Top..... Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1410X-DVC.	624.55	16.14
28 23 00 00-0542	EA		Control Keypad, Desk-Top Version With Variable-Speed Joystick..... Note: Provides multi-function control for camera stations with variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411X-DVC.	766.29	16.14
28 23 00 00-0543	EA		Control Keypad, Desk-Top Version With 3-Function Joystick..... Note: Provides multi-function control for camera stations with three-function variable-speed joystick for pan-and-tilt control and push buttons for lens function. Vicon model V1411J-DVC.	908.03	16.14
28 23 00 00-0544	EA		Control Keypad, Rack-Mount Version..... Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units. Vicon model V1300X-RVC.	1,198.52	16.14
28 23 00 00-0545	EA		Control Keypad, Desk-Top Version..... Note: Provides complete switching and control functions for camera stations with variable-speed and fixed-speed pan-and-tilt units Vicon model V1300X-DVC.	1,198.52	16.14
28 23 00 00-0546			Additional System Capabilities NOVA Systems (28 23 00 00-0407)		
28 23 00 00-0547	EA		Vicoax Translator..... Note: Converts Vicon RS-422 PTZ commands to Vicoax, 16 channels. Vicon model V422-VI.	721.31	21.53
28 23 00 00-0548	EA		RS-422 Dual Input Code Merger..... Note: Merges control data from two separate control systems into one device. Vicon model VSCM-200.	688.07	21.53
28 23 00 00-0549	EA		Video Loss Detector Accepts Up To 256 Camera Inputs..... Note: Merges control data from two separate control systems into one device. Vicon model V1400X-VLD.	1,220.04	21.53
28 23 00 00-0550	EA		Distribution Line Control..... Note: Provides up to 10 communication lines from CPU when used in star configuration. Vicon model V1400X-IDL.	721.31	21.53
28 23 00 00-0551	EA		Alarm Interface, Accepts Up To 32 Custom Alarm Inputs..... Note: Vicon model V1300X-IA.	738.81	21.53
28 23 00 00-0552	EA		Alarm Interface, Accepts Up To 64 Custom Alarm Inputs..... Note: Vicon model V1300X-IA-EX.	870.06	21.53
28 23 00 00-0553	EA		Alarm Interface, With Relay Follow..... Note: Vicon model V1300X-IAF.	1,361.78	21.53
28 23 00 00-0554	EA		Cable Adapter 34-25 Pin..... Note: Vicon model V1300X-CA.	90.37	4.66
28 23 00 00-0555	EA		Relay/Audio-Follow-Video Switcher..... Note: Mono, 32 inputs, for use with matrix switching systems. Vicon model V1332AF.	796.56	21.53
28 23 00 00-0556			PTZ Receivers (28 23 00 00-0407)		
28 23 00 00-0557	EA		Outdoor Variable-Speed Receiver..... Note: For VIST25 pan-and-tilt, 120 VAC input, 24 VDC output to pan-and-tilt drives. Vicon model V1305R-DC1.	837.51	43.13
28 23 00 00-0558	EA		Outdoor Universal Receiver, 24 Volt AC Input..... Note: 24 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-1WA.	443.00	22.82
28 23 00 00-0559	EA		Outdoor Universal Receiver, 120 Volt AC Input..... Note: 24 or 120 VAC output to pan-and-tilt drives, requires V1311R-VI-1 interface card for Vicoax control and V1311R-VPS-1 interface card for NOVA control. Vicon model V1311RB-2WA.	443.00	22.82
28 23 00 00-0560			Receiver Options (28 23 00 00-0407)		
28 23 00 00-0561	EA		Interface Card..... Note: Internal board adapts V1311RB receivers for use with NOVA CPUs. Vicon model V1311R-VPS-1.	242.44	12.49
28 23 00 00-0562	EA		Vicoax Interface Card..... Note: Adapts V1311RB receiver for use with Vicoax transmitter. Vicon model V1311R-VI-1.	163.10	8.40
28 23 00 00-0563			Closed Circuit Television And Surveillance Systems (Pelco) (28 23) Note: Includes programming of equipment, testing of new devices and certification.		
28 23 00 00-0564			Cameras And Accessories (28 23 00 00-0563)		
28 23 00 00-0565			Cameras (28 23 00 00-0564)		
28 23 00 00-0566			1/3" Format Cameras (28 23 00 00-0565)		
28 23 00 00-0567			High Resolution Color, 1/3" Format Cameras (28 23 00 00-0566)		
28 23 00 00-0568	EA		Extended Dynamic Range, High Resolution Color, 1/3" Format Camera (Pelco CC3701H-2).....	342.99	21.53
28 23 00 00-0569	EA		Low Light, Digital Slow Shutter, High Resolution Color, 1/3" Format Camera (Pelco CC3751H-2).....	458.53	21.53

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 23 00 00-0570		Compact, 1/3" Format Cameras <small>(28 23 00 00-0565)</small>		
28 23 00 00-0571		High Resolution Color, Compact, 1/3" Format Cameras <small>(28 23 00 00-0570)</small>		
28 23 00 00-0572	EA	Wide Dynamic Range, High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco CCC1390H)	548.14	21.53
28 23 00 00-0573	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6)	449.64	21.53
28 23 00 00-0574		Day/Night, Compact, 1/3" Format Cameras <small>(28 23 00 00-0570)</small>		
28 23 00 00-0575	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6)	265.23	21.53
28 23 00 00-0576		Camerapaks <small>(28 23 00 00-0564)</small> Note: Includes camera and lens.		
28 23 00 00-0577		Camerapaks <small>(28 23 00 00-0576)</small>		
28 23 00 00-0578		High Resolution Color, Camerapaks <small>(28 23 00 00-0577)</small>		
28 23 00 00-0579		Fixed Focus, High Resolution Color, Camerapaks <small>(28 23 00 00-0578)</small>		
28 23 00 00-0580		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(28 23 00 00-0579)</small>		
28 23 00 00-0581	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3)	345.21	21.53
28 23 00 00-0582	EA	2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	324.48	21.53
28 23 00 00-0583	EA	4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	314.85	21.53
28 23 00 00-0584	EA	8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	312.63	21.53
28 23 00 00-0585		Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(28 23 00 00-0579)</small>		
28 23 00 00-0586	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	376.32	21.53
28 23 00 00-0587	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	345.21	21.53
28 23 00 00-0588	EA	4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	337.81	21.53
28 23 00 00-0589	EA	8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	331.88	21.53
28 23 00 00-0590		Varifocal, High Resolution Color, Camerapaks <small>(28 23 00 00-0578)</small>		
28 23 00 00-0591		Manual Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 23 00 00-0590)</small>		
28 23 00 00-0592	EA	1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	406.68	21.53
28 23 00 00-0593	EA	2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	366.69	21.53
28 23 00 00-0594	EA	2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	334.11	21.53
28 23 00 00-0595	EA	3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	320.77	21.53
28 23 00 00-0596	EA	5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	370.40	21.53
28 23 00 00-0597		Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 23 00 00-0590)</small>		
28 23 00 00-0598	EA	1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	439.27	21.53
28 23 00 00-0599	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	411.87	21.53
28 23 00 00-0600	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	365.21	21.53
28 23 00 00-0601	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	325.96	21.53
28 23 00 00-0602	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	385.95	21.53
28 23 00 00-0603	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	436.31	21.53
28 23 00 00-0604	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	500.74	21.53
28 23 00 00-0605		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 23 00 00-0590)</small>		
28 23 00 00-0606	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	342.99	21.53
28 23 00 00-0607	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	410.39	21.53
28 23 00 00-0608		High Resolution Day/Night, Camerapaks <small>(28 23 00 00-0577)</small>		
28 23 00 00-0609		Varifocal, High Resolution Day/Night, Camerapaks <small>(28 23 00 00-0608)</small>		
28 23 00 00-0610		Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 23 00 00-0609)</small>		
28 23 00 00-0611	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	694.78	21.53
28 23 00 00-0612	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	648.12	21.53
28 23 00 00-0613	EA	3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	608.87	21.53
28 23 00 00-0614	EA	5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	668.86	21.53
28 23 00 00-0615	EA	5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	719.22	21.53
28 23 00 00-0616	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	782.91	21.53
28 23 00 00-0617		Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 23 00 00-0609)</small>		
28 23 00 00-0618	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	625.90	21.53
28 23 00 00-0619	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	693.30	21.53

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

28 23 00 00-0620			Compact Camerapaks (28 23 00 00-0576)		
28 23 00 00-0621			High Resolution Color, Compact Camerapaks (28 23 00 00-0620)		
28 23 00 00-0622			DSS, High Resolution Color, Compact Camerapaks (28 23 00 00-0621)		
28 23 00 00-0623			Fixed Focus, DSS, High Resolution Color, Camerapaks (28 23 00 00-0622)		
28 23 00 00-0624			Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks (28 23 00 00-0623)		
28 23 00 00-0625	EA		2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3).....	538.51	21.53
28 23 00 00-0626	EA		2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8).....	517.77	21.53
28 23 00 00-0627	EA		4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4).....	507.41	21.53
28 23 00 00-0628	EA		8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8).....	505.18	21.53
28 23 00 00-0629			Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks (28 23 00 00-0623)		
28 23 00 00-0630	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A).....	568.88	21.53
28 23 00 00-0631	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A).....	538.51	21.53
28 23 00 00-0632	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A).....	531.11	21.53
28 23 00 00-0633	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A).....	525.18	21.53
28 23 00 00-0634			Varifocal, DSS, High Resolution Color, Camerapaks (28 23 00 00-0622)		
28 23 00 00-0635			Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 23 00 00-0634)		
28 23 00 00-0636	EA		1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1).....	599.98	21.53
28 23 00 00-0637	EA		2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2).....	559.25	21.53
28 23 00 00-0638	EA		2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21).....	527.40	21.53
28 23 00 00-0639	EA		3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3).....	514.07	21.53
28 23 00 00-0640	EA		5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5).....	562.95	21.53
28 23 00 00-0641	EA		5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50).....	594.80	21.53
28 23 00 00-0642	EA		5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55).....	670.34	21.53
28 23 00 00-0643			Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 23 00 00-0634)		
28 23 00 00-0644	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A).....	631.83	21.53
28 23 00 00-0645	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A).....	605.17	21.53
28 23 00 00-0646	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A).....	558.51	21.53
28 23 00 00-0647	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A).....	518.52	21.53
28 23 00 00-0648	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A).....	579.24	21.53
28 23 00 00-0649	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A).....	629.61	21.53
28 23 00 00-0650	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A).....	693.30	21.53
28 23 00 00-0651			Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 23 00 00-0634)		
28 23 00 00-0652	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A).....	536.29	21.53
28 23 00 00-0653	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A).....	603.68	21.53
28 23 00 00-0654			EDR, High Resolution Color, Compact Camerapaks (28 23 00 00-0621)		
28 23 00 00-0655			Fixed Focus, EDR, High Resolution Color, Camerapaks (28 23 00 00-0654)		
28 23 00 00-0656			Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (28 23 00 00-0655)		
28 23 00 00-0657	EA		2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	538.51	21.53
28 23 00 00-0658	EA		2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	402.24	21.53
28 23 00 00-0659	EA		4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	391.87	21.53
28 23 00 00-0660	EA		8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	389.65	21.53
28 23 00 00-0661			Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (28 23 00 00-0655)		
28 23 00 00-0662	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	453.34	21.53
28 23 00 00-0663	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	422.98	21.53
28 23 00 00-0664	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	415.57	21.53
28 23 00 00-0665	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	415.57	21.53
28 23 00 00-0666			Varifocal, EDR, High Resolution Color, Camerapaks (28 23 00 00-0654)		
28 23 00 00-0667			Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks (28 23 00 00-0666)		
28 23 00 00-0668	EA		1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	484.45	21.53
28 23 00 00-0669	EA		2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	443.71	21.53
28 23 00 00-0670	EA		2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	411.87	21.53
28 23 00 00-0671	EA		3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	398.54	21.53
28 23 00 00-0672	EA		5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	447.42	21.53
28 23 00 00-0673	EA		5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	479.26	21.53
28 23 00 00-0674	EA		5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	554.80	21.53

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

		MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0675					Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 23 00 00-0666)</small>		
28 23 00 00-0676	EA				1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	516.29	21.53
28 23 00 00-0677	EA				2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	489.63	21.53
28 23 00 00-0678	EA				2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	442.23	21.53
28 23 00 00-0679	EA				3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	402.98	21.53
28 23 00 00-0680	EA				5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	463.71	21.53
28 23 00 00-0681	EA				5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	514.07	21.53
28 23 00 00-0682	EA				5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	577.76	21.53
28 23 00 00-0683					Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks <small>(28 23 00 00-0666)</small>		
28 23 00 00-0684	EA				3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A).....	420.76	21.53
28 23 00 00-0685	EA				7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A).....	488.15	21.53
28 23 00 00-0686					High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0620)</small>		
28 23 00 00-0687					Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0686)</small>		
28 23 00 00-0688					Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0687)</small>		
28 23 00 00-0689	EA				8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	497.04	21.53
28 23 00 00-0690					DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0687)</small>		
28 23 00 00-0691	EA				2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	560.73	21.53
28 23 00 00-0692	EA				2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	529.62	21.53
28 23 00 00-0693					Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0686)</small>		
28 23 00 00-0694					Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0693)</small>		
28 23 00 00-0695	EA				2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	518.52	21.53
28 23 00 00-0696	EA				3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	505.18	21.53
28 23 00 00-0697	EA				5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	586.65	21.53
28 23 00 00-0698					Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0693)</small>		
28 23 00 00-0699	EA				2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	596.28	21.53
28 23 00 00-0700	EA				2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	549.62	21.53
28 23 00 00-0701	EA				3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	510.37	21.53
28 23 00 00-0702	EA				5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A).....	570.36	21.53
28 23 00 00-0703	EA				5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A).....	620.72	21.53
28 23 00 00-0704	EA				5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A).....	685.15	21.53
28 23 00 00-0705					Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks <small>(28 23 00 00-0693)</small>		
28 23 00 00-0706	EA				3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A).....	527.40	21.53
28 23 00 00-0707	EA				7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A).....	594.80	21.53
28 23 00 00-0708					Camera Systems <small>(28 23 00 00-0564)</small>		
28 23 00 00-0709					Camera Dome Systems <small>(28 23 00 00-0708)</small>		
28 23 00 00-0710					Spectra®, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0709)</small>		
28 23 00 00-0711					Spectra®, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0710)</small> Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 23 00 00-0712					Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0711)</small>		
28 23 00 00-0713					Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0712)</small>		
28 23 00 00-0714	EA				22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB).....	2,204.62	129.16
28 23 00 00-0715	EA				22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F).....	2,508.26	129.16
28 23 00 00-0716	EA				22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB).....	2,644.53	129.16
28 23 00 00-0717	EA				22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E).....	3,663.60	129.16

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0718			Color, Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0712)		
28 23 00 00-0719	EA		16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB)	1,860.24	129.16
28 23 00 00-0720	EA		16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F)	2,013.54	129.16
28 23 00 00-0721	EA		16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB)	2,150.55	129.16
28 23 00 00-0722	EA		16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E)	2,229.06	129.16
28 23 00 00-0723	EA		16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E)	2,229.06	129.16
28 23 00 00-0724	EA		22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB)	2,334.96	129.16
28 23 00 00-0725	EA		22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F)	2,639.35	129.16
28 23 00 00-0726	EA		22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB)	2,776.36	129.16
28 23 00 00-0727	EA		22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E)	2,854.86	129.16
28 23 00 00-0728	EA		22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E)	2,854.86	129.16
28 23 00 00-0729			Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0712)		
28 23 00 00-0730	EA		23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	2,714.89	129.16
28 23 00 00-0731	EA		23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	3,019.28	129.16
28 23 00 00-0732	EA		23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	3,156.29	129.16
28 23 00 00-0733	EA		23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	3,234.79	129.16
28 23 00 00-0734	EA		23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	3,234.79	129.16
28 23 00 00-0735			Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0712)		
28 23 00 00-0736	EA		18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	2,466.05	129.16
28 23 00 00-0737	EA		18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	2,620.09	129.16
28 23 00 00-0738	EA		18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	2,756.36	129.16
28 23 00 00-0739	EA		18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	2,834.87	129.16
28 23 00 00-0740	EA		18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	2,834.87	129.16
28 23 00 00-0741	EA		35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	2,964.47	129.16
28 23 00 00-0742	EA		35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	3,206.65	129.16
28 23 00 00-0743	EA		35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	3,342.92	129.16
28 23 00 00-0744	EA		35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	3,421.42	129.16
28 23 00 00-0745	EA		35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	3,421.42	129.16
28 23 00 00-0746			Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0711)		
28 23 00 00-0747			Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0746)		
28 23 00 00-0748	EA		16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	2,413.47	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0749	EA		16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	2,545.29	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0750	EA		16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	2,650.46	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0751	EA		22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	2,993.36	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0752	EA		22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	3,125.18	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0753	EA		22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	3,231.09	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0754			Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0746)		
28 23 00 00-0755	EA		18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	3,019.28	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0756	EA		18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	3,151.10	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0757	EA		18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	3,257.01	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0758	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	3,560.66	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0759	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	3,691.74	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0760	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	3,797.65	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0761			Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0711)		
28 23 00 00-0762			Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0761)		
28 23 00 00-0763	EA		18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	3,991.68	129.16
28 23 00 00-0764	EA		35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	4,533.06	129.16
28 23 00 00-0765			Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 23 00 00-0711)		

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 23 00 00-0766		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0765)</small>			
28 23 00 00-0767	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	3,471.78		129.16
28 23 00 00-0768		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0765)</small>			
28 23 00 00-0769	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE).....	3,022.98		129.16
28 23 00 00-0770	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE).....	3,603.61		129.16
28 23 00 00-0771		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0765)</small>			
28 23 00 00-0772	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	3,983.54		129.16
28 23 00 00-0773		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0765)</small>			
28 23 00 00-0774	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	3,629.53		129.16
28 23 00 00-0775	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	4,170.17		129.16
28 23 00 00-0776		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0711)</small>			
28 23 00 00-0777		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0776)</small>			
28 23 00 00-0778	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B).....	1,396.62		129.16
28 23 00 00-0779		Spectra® IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0710)</small> Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.			
28 23 00 00-0780		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0779)</small>			
28 23 00 00-0781		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0780)</small>			
28 23 00 00-0782	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	2,566.77		129.16
28 23 00 00-0783	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	2,703.78		129.16
28 23 00 00-0784	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	2,782.28		129.16
28 23 00 00-0785	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	2,782.28		129.16
28 23 00 00-0786	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	3,192.58		129.16
28 23 00 00-0787	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	3,329.59		129.16
28 23 00 00-0788	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	3,408.09		129.16
28 23 00 00-0789	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	3,408.09		129.16
28 23 00 00-0790		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0780)</small>			
28 23 00 00-0791	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	3,572.50		129.16
28 23 00 00-0792	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	3,709.52		129.16
28 23 00 00-0793	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	3,788.02		129.16
28 23 00 00-0794	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	3,788.02		129.16
28 23 00 00-0795		Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0779)</small>			
28 23 00 00-0796		Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0795)</small>			
28 23 00 00-0797	EA	16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1).....	2,966.69		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		
28 23 00 00-0798	EA	16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1).....	3,098.52		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		
28 23 00 00-0799	EA	16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1).....	3,203.69		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		
28 23 00 00-0800	EA	22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1).....	3,546.58		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		
28 23 00 00-0801	EA	22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1).....	3,678.41		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		
28 23 00 00-0802	EA	22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1).....	3,784.32		129.16
		<i>For Protective Lower Dome Cage, Add</i>	34.65		

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

28 23 00 00-0803			Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0795)</small>		
28 23 00 00-0804	EA		18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1)	3,572.50	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0805	EA		18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1)	3,704.33	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0806	EA		18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1)	3,810.24	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0807	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1)	4,113.88	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0808	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1)	4,244.97	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0809	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1)	4,350.88	129.16
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 23 00 00-0810			Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0779)</small>		
28 23 00 00-0811			Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 23 00 00-0810)</small>		
28 23 00 00-0812	EA		16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1)	3,576.21	129.16
28 23 00 00-0813	EA		22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1)	4,156.84	129.16
28 23 00 00-0814			Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 23 00 00-0810)</small>		
28 23 00 00-0815	EA		23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,536.77	129.16
28 23 00 00-0816			Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 23 00 00-0810)</small>		
28 23 00 00-0817	EA		18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1)	4,182.76	129.16
28 23 00 00-0818	EA		35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1)	4,723.40	129.16
28 23 00 00-0819			Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0779)</small>		
28 23 00 00-0820			Color, Miniature Spectra® IP Network, Mini Camera Dome Systems <small>(28 23 00 00-0819)</small>		
28 23 00 00-0821	EA		10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1)	1,753.59	129.16
28 23 00 00-0822			Spectra®, Pan/Tilt Dome Drives <small>(28 23 00 00-0710)</small> Note: Includes dome drive, camera and lens.		
28 23 00 00-0823	EA		10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4)	1,298.03	107.63
28 23 00 00-0824	EA		10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N)	1,653.52	107.63
28 23 00 00-0825	EA		22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22)	2,092.69	107.63
28 23 00 00-0826	EA		16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16)	1,643.89	107.63
28 23 00 00-0827	EA		22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22)	2,223.78	107.63
28 23 00 00-0828	EA		18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18)	2,249.70	107.63
28 23 00 00-0829	EA		23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23)	2,603.71	107.63
28 23 00 00-0830	EA		35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35)	2,791.08	107.63
28 23 00 00-0831	EA		35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35)	2,791.08	107.63
28 23 00 00-0832			Accessories For Spectra® Pan/Tilt Camera Dome Systems <small>(28 23 00 00-0710)</small>		
28 23 00 00-0833	EA		Upgrade To Chrome Lower Dome (Pelco Spectra)	104.42	
28 23 00 00-0834	EA		Upgrade To Gold Lower Dome (Pelco Spectra)	136.27	
28 23 00 00-0835	EA		Wall Mount For Spectra® Systems (Pelco IWM-BK)	113.36	10.76
28 23 00 00-0836	EA		24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK)	285.92	10.76
28 23 00 00-0837	EA		Wall Arm Mount For Spectra® Systems (Pelco IDM4018)	110.40	10.76
28 23 00 00-0838	EA		Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS)	305.18	10.76
28 23 00 00-0839	EA		Pole Mount Adapter For Spectra® Systems (Pelco PA402)	57.88	6.40
28 23 00 00-0840			Camclosure®, Camera Dome Systems <small>(28 23 00 00-0709)</small>		
28 23 00 00-0841			Camclosure® IS Integrated, Camera Dome Systems <small>(28 23 00 00-0840)</small>		
28 23 00 00-0842			Camclosure® IS Integrated, Camera Dome Systems <small>(28 23 00 00-0841)</small>		

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0843			High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems (28 23 00 00-0842)		
28 23 00 00-0844	EA		12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	521.23	129.16
28 23 00 00-0845	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22).....	565.67	129.16
28 23 00 00-0846	EA		12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	628.62	129.16
28 23 00 00-0847	EA		12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	628.62	129.16
28 23 00 00-0848			Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems (28 23 00 00-0842)		
28 23 00 00-0849	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22).....	636.77	129.16
28 23 00 00-0850	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22).....	694.53	129.16
28 23 00 00-0851	EA		9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	694.53	129.16
28 23 00 00-0852			Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 23 00 00-0842)		
28 23 00 00-0853	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22).....	730.08	129.16
28 23 00 00-0854	EA		9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22).....	873.02	129.16
28 23 00 00-0855	EA		9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22).....	873.02	129.16
28 23 00 00-0856			Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 23 00 00-0842)		
28 23 00 00-0857	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	798.22	129.16
28 23 00 00-0858	EA		9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	890.05	129.16
28 23 00 00-0859			Camclosure® IS Integrated, Bullet Style Camera Systems (28 23 00 00-0841)		
28 23 00 00-0860			High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 23 00 00-0859)		
28 23 00 00-0861	EA		3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6).....	575.11	86.10
28 23 00 00-0862			Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 23 00 00-0859)		
28 23 00 00-0863	EA		9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22).....	658.79	86.10
28 23 00 00-0864			Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 23 00 00-0859)		
28 23 00 00-0865	EA		9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	725.45	86.10
28 23 00 00-0866			Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 23 00 00-0859)		
28 23 00 00-0867	EA		9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22).....	758.78	86.10
28 23 00 00-0868			Camclosure® IS Integrated Cameras (28 23 00 00-0841)		
28 23 00 00-0869	EA		12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12).....	404.77	86.10
28 23 00 00-0870	EA		9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	404.77	86.10
28 23 00 00-0871	EA		9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22).....	470.68	86.10
28 23 00 00-0872	EA		9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	649.17	86.10
28 23 00 00-0873	EA		9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22).....	666.20	86.10
28 23 00 00-0874			Camclosure® ICS Integrated, Camera Dome Systems (28 23 00 00-0840)		
28 23 00 00-0875			Camclosure® ICS Integrated, Camera Dome Systems (28 23 00 00-0874)		
28 23 00 00-0876			Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 23 00 00-0875)		
28 23 00 00-0877	EA		12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12).....	447.91	129.16
28 23 00 00-0878	EA		12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T).....	479.76	129.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0879	EA		12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12)	607.14	129.16
28 23 00 00-0880	EA		12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12)	607.14	129.16
28 23 00 00-0881			High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems <small>(28 23 00 00-0875)</small>		
28 23 00 00-0882	EA		3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	750.08	129.16
28 23 00 00-0883			Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(28 23 00 00-0874)</small>		
28 23 00 00-0884			Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(28 23 00 00-0883)</small>		
28 23 00 00-0885	EA		12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	521.04	86.10
28 23 00 00-0886			Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 23 00 00-0874)</small>		
28 23 00 00-0887			High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 23 00 00-0886)</small>		
28 23 00 00-0888	EA		9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	694.53	129.16
28 23 00 00-0889			Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 23 00 00-0886)</small>		
28 23 00 00-0890	EA		9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	761.19	129.16
28 23 00 00-0891			Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 23 00 00-0886)</small>		
28 23 00 00-0892	EA		9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	844.88	129.16
28 23 00 00-0893			Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 23 00 00-0886)</small>		
28 23 00 00-0894	EA		9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	878.20	129.16
28 23 00 00-0895			Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0840)</small>		
28 23 00 00-0896			Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0895)</small>		
28 23 00 00-0897			High Resolution Color, Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0896)</small>		
28 23 00 00-0898	EA		3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,245.54	129.16
28 23 00 00-0899	EA		9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,245.54	129.16
28 23 00 00-0900			Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0896)</small>		
28 23 00 00-0901	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,337.37	129.16
28 23 00 00-0902	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,337.37	129.16
28 23 00 00-0903			Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0896)</small>		
28 23 00 00-0904	EA		3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	1,478.83	129.16
28 23 00 00-0905	EA		9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	1,478.83	129.16
28 23 00 00-0906			Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(28 23 00 00-0896)</small>		
28 23 00 00-0907	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	1,578.81	129.16
28 23 00 00-0908	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	1,578.81	129.16
28 23 00 00-0909			Accessories For Camclosure® Camera Dome Systems <small>(28 23 00 00-0840)</small>		
28 23 00 00-0910	EA		4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	26.25	6.45
28 23 00 00-0911	EA		4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	26.25	6.45
28 23 00 00-0912	EA		Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	34.86	10.76
28 23 00 00-0913	EA		Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	55.60	10.76
28 23 00 00-0914	EA		2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	57.36	6.45

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI UOM DESCRIPTION

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0915	EA		Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG).....	55.60	10.76
28 23 00 00-0916	EA		Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM).....	70.41	10.76
28 23 00 00-0917	EA		Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A).....	188.21	21.53
28 23 00 00-0918	EA		Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	188.21	21.53
28 23 00 00-0919	EA		Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A).....	188.21	21.53
28 23 00 00-0920	EA		Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	188.21	21.53
28 23 00 00-0921	EA		Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	66.71	10.76
28 23 00 00-0922	EA		Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	76.38	21.53
28 23 00 00-0923	EA		Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	76.38	21.53
28 23 00 00-0924	EA		Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	76.38	21.53
28 23 00 00-0925	EA		Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	76.38	21.53
28 23 00 00-0926	EA		Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD).....	76.38	21.53
28 23 00 00-0927	EA		Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	76.38	21.53
28 23 00 00-0928	EA		Surface Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS110-ENC).....	222.02	29.40
28 23 00 00-0929	EA		Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	222.02	29.40
28 23 00 00-0930	EA		Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	47.45	10.76
28 23 00 00-0931	EA		Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	80.78	10.76
28 23 00 00-0932	EA		White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	47.45	10.76
28 23 00 00-0933	EA		White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	80.78	10.76
28 23 00 00-0934	EA		Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	1,161.85	129.16
28 23 00 00-0935			Pan/Tilt Camera Systems <small>(28 23 00 00-0708)</small>		
28 23 00 00-0936			Esprit® CBZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0935)</small>		
Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.					
28 23 00 00-0937			EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0936)</small>		
28 23 00 00-0938			Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0937)</small>		
28 23 00 00-0939	EA		10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	3,285.45	193.74
28 23 00 00-0940	EA		20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	3,730.55	193.74
28 23 00 00-0941	EA		30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	4,347.47	193.74
28 23 00 00-0942	EA		10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN).....	3,380.99	193.74
28 23 00 00-0943	EA		20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	3,846.08	193.74
28 23 00 00-0944	EA		30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN).....	4,463.00	193.74
28 23 00 00-0945			Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0937)</small>		
28 23 00 00-0946	EA		10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W).....	3,315.81	193.74
28 23 00 00-0947	EA		20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W).....	3,760.91	193.74
28 23 00 00-0948	EA		30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W).....	4,377.83	193.74
28 23 00 00-0949	EA		10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW).....	3,412.09	193.74
28 23 00 00-0950	EA		20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW).....	3,876.45	193.74
28 23 00 00-0951	EA		30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	4,493.37	193.74
28 23 00 00-0952			Esprit® CLZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0935)</small>		
28 23 00 00-0953			DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0952)</small>		
28 23 00 00-0954			Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0953)</small>		
28 23 00 00-0955	EA		10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	3,400.98	193.74
28 23 00 00-0956	EA		20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	3,846.08	193.74
28 23 00 00-0957	EA		30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	4,463.00	193.74
28 23 00 00-0958	EA		10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	3,496.52	193.74
28 23 00 00-0959	EA		20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	3,961.62	193.74
28 23 00 00-0960	EA		30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	4,578.54	193.74
28 23 00 00-0961			Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems <small>(28 23 00 00-0953)</small>		
28 23 00 00-0962	EA		10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	3,431.35	193.74
28 23 00 00-0963	EA		20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	3,876.45	193.74
28 23 00 00-0964	EA		30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	4,493.37	193.74
28 23 00 00-0965	EA		10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	3,527.62	193.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-0966	EA		20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	3,991.98	193.74
28 23 00 00-0967	EA		30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	4,608.90	193.74
28 23 00 00-0968			Esprit® AJZ, Pan/Tilt Camera Systems (28 23 00 00-0935)		
28 23 00 00-0969			High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 23 00 00-0968)		
28 23 00 00-0970			Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 23 00 00-0969)		
28 23 00 00-0971	EA		6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N).....	3,207.68	193.74
28 23 00 00-0972	EA		5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N).....	3,652.79	193.74
28 23 00 00-0973	EA		5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N).....	4,269.71	193.74
28 23 00 00-0974	EA		6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN).....	3,303.96	193.74
28 23 00 00-0975	EA		5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN).....	3,768.32	193.74
28 23 00 00-0976	EA		5.5 x 30, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN).....	4,385.24	193.74
28 23 00 00-0977			Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 23 00 00-0969)		
28 23 00 00-0978	EA		6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,238.79	193.74
28 23 00 00-0979	EA		5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W).....	3,683.15	193.74
28 23 00 00-0980	EA		5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W).....	4,300.81	193.74
28 23 00 00-0981	EA		6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW).....	3,260.27	193.74
28 23 00 00-0982	EA		6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	3,334.33	193.74
28 23 00 00-0983	EA		5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW).....	3,798.68	193.74
28 23 00 00-0984	EA		5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW).....	4,416.34	193.74
28 23 00 00-0985			Esprit® AMZ, Pan/Tilt Camera Systems (28 23 00 00-0935)		
28 23 00 00-0986			Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 23 00 00-0985)		
28 23 00 00-0987			Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 23 00 00-0986)		
28 23 00 00-0988	EA		5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N).....	3,837.19	193.74
28 23 00 00-0989	EA		5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N).....	4,454.11	193.74
28 23 00 00-0990	EA		6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN).....	3,488.37	193.74
28 23 00 00-0991	EA		5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN).....	3,952.73	193.74
28 23 00 00-0992	EA		5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN).....	4,569.65	193.74
28 23 00 00-0993			Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 23 00 00-0986)		
28 23 00 00-0994	EA		6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W).....	3,423.20	193.74
28 23 00 00-0995	EA		5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W).....	3,867.56	193.74
28 23 00 00-0996	EA		5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W).....	4,485.22	193.74
28 23 00 00-0997	EA		6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW).....	3,518.74	193.74
28 23 00 00-0998	EA		5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW).....	3,983.09	193.74
28 23 00 00-0999	EA		5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW).....	4,600.75	193.74
28 23 00 00-1000			Esprit® KWZ, Pan/Tilt Camera Systems (28 23 00 00-0935)		
28 23 00 00-1001			Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 23 00 00-1000)		
28 23 00 00-1002			Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 23 00 00-1001)		
28 23 00 00-1003	EA		5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N).....	4,552.61	193.74
28 23 00 00-1004	EA		6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN).....	3,586.13	193.74
28 23 00 00-1005	EA		5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN).....	4,668.15	193.74
28 23 00 00-1006			Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 23 00 00-1001)		
28 23 00 00-1007	EA		6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W).....	3,520.96	193.74
28 23 00 00-1008	EA		5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W).....	4,583.72	193.74
28 23 00 00-1009	EA		6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW).....	3,617.24	193.74
28 23 00 00-1010	EA		5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	4,081.59	193.74

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST
28 23 00 00-1011	EA	5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	4,699.25 193.74
28 23 00 00-1012		Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-0935)	
28 23 00 00-1013		Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1012)	
28 23 00 00-1014		Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1013)	
28 23 00 00-1015	EA	16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N)	3,831.27 193.74
28 23 00 00-1016		Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1013)	
28 23 00 00-1017	EA	16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W)	3,861.63 193.74
28 23 00 00-1018		High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1012)	
28 23 00 00-1019		Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1018)	
28 23 00 00-1020	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N)	4,552.61 193.74
28 23 00 00-1021	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N).....	4,401.53 193.74
28 23 00 00-1022	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N).....	5,005.12 193.74
28 23 00 00-1023		Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 23 00 00-1018)	
28 23 00 00-1024	EA	22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W)	4,582.24 193.74
28 23 00 00-1025	EA	24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W).....	4,401.53 193.74
28 23 00 00-1026	EA	35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W).....	5,038.45 193.74
28 23 00 00-1027		Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-0935)	
28 23 00 00-1028		High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1027)	
28 23 00 00-1029		Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1028)	
28 23 00 00-1030	EA	16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N)	2,943.29 193.74
28 23 00 00-1031	EA	22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N)	3,665.38 193.74
28 23 00 00-1032	EA	24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N)	3,516.52 193.74
28 23 00 00-1033	EA	35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N)	3,986.80 193.74
28 23 00 00-1034		Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 23 00 00-1028)	
28 23 00 00-1035	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W)	2,972.91 193.74
28 23 00 00-1036	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W)	3,695.74 193.74
28 23 00 00-1037	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W)	3,546.88 193.74
28 23 00 00-1038	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W)	4,020.12 193.74
28 23 00 00-1039		Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-0935)	
28 23 00 00-1040		Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1039)	
28 23 00 00-1041		Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1040)	
28 23 00 00-1042	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N).....	18,981.72 193.74
28 23 00 00-1043	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N)	20,413.30 193.74
28 23 00 00-1044	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N)	20,893.95 193.74
28 23 00 00-1045		Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 23 00 00-1040)	
28 23 00 00-1046	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W).....	19,012.83 193.74
28 23 00 00-1047	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W)	20,443.67 193.74
28 23 00 00-1048	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W).....	20,924.32 193.74
28 23 00 00-1049		Accessories For Esprit® Pan/Tilt Camera Systems (28 23 00 00-0935)	
28 23 00 00-1050	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE)	8.24 2.15
28 23 00 00-1051	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT)	47.45 10.76
28 23 00 00-1052	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM).....	74.11 10.76
28 23 00 00-1053	EA	Wall Mount For High Security Enclosures (Pelco HSWM12)	94.11 10.76
28 23 00 00-1054	EA	Ground Isolation Transformer (Pelco GIT100).....	273.87 29.40
28 23 00 00-1055	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100)	270.16 29.40
28 23 00 00-1056	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000)	327.93 29.40
28 23 00 00-1057	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500).....	601.95 29.40
28 23 00 00-1058	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080)	253.87 29.40
28 23 00 00-1059	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134)	484.20 29.40
28 23 00 00-1060	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514).....	1,024.84 29.40
28 23 00 00-1061	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT).....	1,218.13 29.40
28 23 00 00-1062	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ES10PCBW24).....	1,261.83 29.40
28 23 00 00-1063	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ES10PCBW35).....	1,330.70 29.40

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

28 23 00 00-1064	EA		24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2)	2,224.61	29.41
28 23 00 00-1065	EA		115/230 Volt AC, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5).....	2,224.61	29.40
28 23 00 00-1066	EA		24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N).....	2,246.82	29.40
28 23 00 00-1067	EA		120 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5N)	2,246.82	29.40
28 23 00 00-1068	EA		24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W)	2,277.93	29.40
28 23 00 00-1069	EA		120 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-5W)	2,277.93	29.40
28 23 00 00-1070	EA		30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30)	4,170.90	29.40
28 23 00 00-1071	EA		30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P)	4,286.44	29.40
28 23 00 00-1072	EA		Esprit® Camera Pole Mount Adapter (Pelco EPM)	67.19	6.93
28 23 00 00-1073	EA		Pole Mount Adapter For Esprit® Systems (Pelco EPM)	67.19	6.93
28 23 00 00-1074			Camera Lenses (28 23 00 00-0564)		
28 23 00 00-1075			Fixed Focus Camera Lenses (28 23 00 00-1074) Note: 1/3" format and manual focus.		
28 23 00 00-1076			Manual Iris, Fixed Focus Camera Lenses (28 23 00 00-1075)		
28 23 00 00-1077	EA		2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3).....	120.39	10.11
28 23 00 00-1078	EA		2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8).....	99.66	10.11
28 23 00 00-1079	EA		4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....	89.29	10.11
28 23 00 00-1080	EA		8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....	87.07	10.11
28 23 00 00-1081			Direct Drive Auto Iris, Fixed Focus Camera Lenses (28 23 00 00-1075) Note: Includes spot filter. Excludes amplifier.		
28 23 00 00-1082	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3)	150.76	10.11
28 23 00 00-1083	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8)	120.39	10.11
28 23 00 00-1084	EA		4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4)	112.99	10.11
28 23 00 00-1085	EA		8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8)	80.40	10.11
28 23 00 00-1086			Video Drive Auto Iris, Fixed Focus Camera Lenses (28 23 00 00-1075) Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 23 00 00-1087	EA		2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S)	178.16	10.11
28 23 00 00-1088	EA		2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S)	147.06	10.11
28 23 00 00-1089	EA		4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S)	139.65	10.11
28 23 00 00-1090	EA		8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S)	133.73	10.11
28 23 00 00-1091			Varifocal Camera Lenses (28 23 00 00-1074) Note: 1/3" format and manual focus and zoom.		
28 23 00 00-1092			Manual Iris, Varifocal Camera Lenses (28 23 00 00-1091)		
28 23 00 00-1093	EA		1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....	181.86	10.11
28 23 00 00-1094	EA		2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....	141.13	10.11
28 23 00 00-1095	EA		2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....	109.29	10.11
28 23 00 00-1096	EA		3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....	95.95	10.11
28 23 00 00-1097	EA		5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....	252.22	10.11
28 23 00 00-1098	EA		5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....	144.83	10.11
28 23 00 00-1099	EA		5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....	176.68	10.11
28 23 00 00-1100			Direct Drive Auto Iris, Varifocal Camera Lenses (28 23 00 00-1091) Note: Includes spot filter.		
28 23 00 00-1101	EA		1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3)	213.71	10.11
28 23 00 00-1102	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6)	187.05	10.11
28 23 00 00-1103	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12)	139.65	10.11
28 23 00 00-1104	EA		3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....	100.40	10.11
28 23 00 00-1105	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5)	275.18	10.11
28 23 00 00-1106	EA		5-40 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-40)	161.13	10.11
28 23 00 00-1107	EA		5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....	211.49	10.11
28 23 00 00-1108			Video Drive Auto Iris, Varifocal Camera Lenses (28 23 00 00-1091) Note: Includes spot filter.		
28 23 00 00-1109	EA		1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S)	241.11	10.11
28 23 00 00-1110	EA		2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S)	213.71	10.11
28 23 00 00-1111	EA		3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....	127.80	10.11
28 23 00 00-1112	EA		5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....	238.15	10.11
28 23 00 00-1113			Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses (28 23 00 00-1091)		
28 23 00 00-1114	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....	118.17	10.11
28 23 00 00-1115	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....	185.57	10.11
28 23 00 00-1116			Motorized Zoom Camera Lenses (28 23 00 00-1074) Note: 1/3" format.		
28 23 00 00-1117			Manual Iris, Motorized Zoom Camera Lenses (28 23 00 00-1116)		
28 23 00 00-1118	EA		8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	438.85	10.11
28 23 00 00-1119	EA		10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	548.46	10.11
28 23 00 00-1120	EA		15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	584.75	10.11

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1121			Direct Drive Auto Iris, Motorized Zoom Camera Lenses (28 23 00 00-1116) Note: Includes spot filter.		
28 23 00 00-1122	EA		6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	422.56	10.11
28 23 00 00-1123	EA		10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	508.47	10.11
28 23 00 00-1124	EA		15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	646.22	10.11
28 23 00 00-1125	EA		20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	953.57	10.11
28 23 00 00-1126	EA		30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	1,571.23	10.11
28 23 00 00-1127			Video Drive Auto Iris, Motorized Zoom Camera Lenses (28 23 00 00-1116) Note: Includes spot filter.		
28 23 00 00-1128	EA		8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	449.96	10.11
28 23 00 00-1129	EA		10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	535.87	10.11
28 23 00 00-1130	EA		15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	673.62	10.11
28 23 00 00-1131	EA		20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	980.97	10.11
28 23 00 00-1132	EA		30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	1,597.89	10.11
28 23 00 00-1133			Camera Power Supplies (28 23 00 00-0564)		
28 23 00 00-1134	EA		20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000).....	30.55	8.61
28 23 00 00-1135	EA		50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000).....	52.77	8.61
28 23 00 00-1136	EA		2 Amp, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	116.65	17.22
28 23 00 00-1137	EA		5 Amp, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	161.27	25.84
28 23 00 00-1138	EA		10 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	232.56	34.44
			<i>For Switchable Outputs, Add</i>	98.20	
28 23 00 00-1139	EA		20 Amp, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	287.54	43.05
			<i>For Switchable Outputs, Add</i>	120.86	
28 23 00 00-1140			Camera Illuminators (28 23 00 00-0564)		
28 23 00 00-1141			Camera Illuminators (28 23 00 00-1140) Note: Includes lamp and mounting bracket.		
28 23 00 00-1142	EA		Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF).....	1,169.04	17.22
28 23 00 00-1143	EA		Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS).....	1,169.04	17.22
28 23 00 00-1144	EA		Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF).....	1,169.04	17.22
28 23 00 00-1145			Camera Illuminator Accessories (28 23 00 00-1140)		
28 23 00 00-1146	EA		Replacement Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....	97.39	17.22
28 23 00 00-1147			Camera Receivers (28 23 00 00-0564)		
28 23 00 00-1148	EA		24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,134.44	29.40
28 23 00 00-1149	EA		120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,134.44	29.40
28 23 00 00-1150			Pan And Tilt Drives (28 23 00 00-0564)		
28 23 00 00-1151	EA		15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P).....	805.33	64.58
28 23 00 00-1152	EA		40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P).....	1,021.58	64.58
			<i>For Preset Positioning, Add</i>	165.00	
28 23 00 00-1153	EA		100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P).....	2,156.18	64.58
			<i>For Preset Positioning, Add</i>	165.00	
28 23 00 00-1154	EA		100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC).....	2,463.53	64.58
			<i>For Preset Positioning, Add</i>	165.00	
28 23 00 00-1155	EA		100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	2,850.12	64.58
			<i>For Preset Positioning, Add</i>	165.00	
28 23 00 00-1156	EA		100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	3,672.19	64.58
			<i>For Preset Positioning, Add</i>	165.00	
28 23 00 00-1157			Scanners (28 23 00 00-0564)		
28 23 00 00-1158	EA		35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	918.64	64.58
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 23 00 00-1159	EA		35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	965.30	64.58
			<i>For Wall Mount, Add</i>	39.05	
			<i>For Pressure Sensor Alarm, Add</i>	51.15	
28 23 00 00-1160			Camera Monitors (28 23 00 00-0563)		
28 23 00 00-1161			Camera Monitors (28 23 00 00-1160)		
28 23 00 00-1162			Monochrome Camera Monitors (28 23 00 00-1161)		
28 23 00 00-1163	EA		9" Monochrome Camera Monitor (Pelco PMM9A).....	179.14	12.92
28 23 00 00-1164	EA		12" Monochrome Camera Monitor (Pelco PMM12A).....	205.07	12.92
28 23 00 00-1165	EA		15" Monochrome Camera Monitor (Pelco PMM15A).....	314.67	12.92
28 23 00 00-1166	EA		20" Monochrome Camera Monitor (Pelco PMM20A).....	506.49	12.92
28 23 00 00-1167			Color Camera Monitors (28 23 00 00-1161)		
28 23 00 00-1168	EA		9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	571.66	12.92
28 23 00 00-1169	EA		15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	463.53	12.92
28 23 00 00-1170	EA		17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	673.86	12.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1171	EA		19", High Resolution Color, Camera Monitor (Pelco PMCS19A)	896.04	12.92
28 23 00 00-1172			LCD Camera Monitors (28 23 00 00-1160)		
28 23 00 00-1173			VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) (28 23 00 00-1172)		
			Note: Displays VGA computer signals.		
28 23 00 00-1174	EA		17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217)	646.46	12.92
28 23 00 00-1175	EA		19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219)	841.98	12.92
28 23 00 00-1176			Multimode, Color LCD Camera Monitors (Pelco 300 Series) (28 23 00 00-1172)		
			Note: Displays VGA computer signals and/or composite video signals.		
28 23 00 00-1177	EA		15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315)	735.33	12.92
28 23 00 00-1178	EA		17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317)	880.49	12.92
28 23 00 00-1179	EA		19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319)	1,083.42	12.92
28 23 00 00-1180			Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) (28 23 00 00-1172)		
			Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 23 00 00-1181	EA		15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415)	944.18	12.92
28 23 00 00-1182	EA		17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417)	1,095.27	12.92
28 23 00 00-1183	EA		19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419)	1,374.47	12.92
28 23 00 00-1184			Camera Monitor Mounting Accessories (28 23 00 00-1160)		
28 23 00 00-1185			Camera Monitor Mounts (28 23 00 00-1184)		
28 23 00 00-1186	EA		Up To 14", Camera Monitor Mount (Pelco)	219.59	17.22
28 23 00 00-1187	EA		>14" To 17", Camera Monitor Mount (Pelco)	255.88	17.22
28 23 00 00-1188	EA		>17" To 21", Camera Monitor Mount (Pelco)	300.32	17.22
28 23 00 00-1189			Camera Monitor Rack Mount Kits (28 23 00 00-1184)		
28 23 00 00-1190	EA		Camera Monitor Rack Mount Kit (Pelco PMCL-RM)	132.94	17.22
28 23 00 00-1191			Video Transmission Equipment (28 23 00 00-0563)		
28 23 00 00-1192			UTP Cable, Video Transmission Equipment (28 23 00 00-1191)		
28 23 00 00-1193			UTP Cable, Active Video Receivers (28 23 00 00-1192)		
28 23 00 00-1194	EA		Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR)	276.34	21.53
28 23 00 00-1195	EA		Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR)	952.51	21.53
28 23 00 00-1196	EA		Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US)	1,874.55	21.53
28 23 00 00-1197	EA		Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US)	3,079.51	21.53
28 23 00 00-1198	EA		Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US)	3,595.71	21.53
28 23 00 00-1199			UTP Cable, Passive Video Transceivers (28 23 00 00-1192)		
28 23 00 00-1200	EA		Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P)	80.82	21.53
28 23 00 00-1201	EA		Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P)	276.34	21.53
28 23 00 00-1202	EA		Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P)	510.37	21.53
28 23 00 00-1203	EA		Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P)	971.02	21.53
28 23 00 00-1204	EA		Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P)	1,899.73	21.53
28 23 00 00-1205			UTP Cable, Active Video Transmitters (28 23 00 00-1192)		
28 23 00 00-1206	EA		Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT)	288.93	21.53
28 23 00 00-1207			Fiber Optics, Video Transmission Equipment (28 23 00 00-1191)		
28 23 00 00-1208			Data Only, Fiber Optics Transmission Equipment (28 23 00 00-1207)		
28 23 00 00-1209			Bidirectional Data, Fiber Optics Transmitters (28 23 00 00-1208)		
28 23 00 00-1210	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS)	1,676.91	43.05
28 23 00 00-1211	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM)	685.99	43.05
28 23 00 00-1212	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S)	1,225.88	43.05
28 23 00 00-1213	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M)	845.96	43.05
28 23 00 00-1214			Bidirectional Data, Fiber Optics Receivers (28 23 00 00-1208)		
28 23 00 00-1215	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS)	1,676.91	43.05
28 23 00 00-1216	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM)	685.99	43.05
28 23 00 00-1217	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S)	1,225.88	43.05
28 23 00 00-1218	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M)	845.96	43.05
28 23 00 00-1219			Video Only, Fiber Optics Transmission Equipment (28 23 00 00-1207)		
28 23 00 00-1220			Digitally Encoded Video, Fiber Optics Transmitters (28 23 00 00-1219)		
28 23 00 00-1221	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS)	745.23	43.05
28 23 00 00-1222	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM)	326.05	43.05
28 23 00 00-1223	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S)	2,062.76	43.05

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1224	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M).....	1,240.70	43.05
28 23 00 00-1225	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S)	3,378.07	43.05
28 23 00 00-1226	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M)	2,809.29	43.05
28 23 00 00-1227	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S).....	8,384.52	43.05
28 23 00 00-1228	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M)	7,462.48	43.05
28 23 00 00-1229			Digitally Encoded Video, Fiber Optics Receivers (28 23 00 00-1219)		
28 23 00 00-1230	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS).....	745.23	43.05
28 23 00 00-1231	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM)	326.05	43.05
28 23 00 00-1232	EA		Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS)	1,271.06	43.05
28 23 00 00-1233	EA		Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM).....	516.39	43.05
28 23 00 00-1234	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S).....	2,062.76	43.05
28 23 00 00-1235	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M)	1,240.70	43.05
28 23 00 00-1236	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S).....	3,378.07	43.05
28 23 00 00-1237	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M).....	2,809.29	43.05
28 23 00 00-1238	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S)	8,384.52	43.05
28 23 00 00-1239	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M)	7,462.48	43.05
28 23 00 00-1240			Video And Data, Fiber Optics Transmission Equipment (28 23 00 00-1207)		
28 23 00 00-1241			Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters (28 23 00 00-1240)		
28 23 00 00-1242	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS)	1,283.65	43.05
28 23 00 00-1243	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	765.97	43.05
28 23 00 00-1244	EA		Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S)	2,986.29	43.05
28 23 00 00-1245	EA		Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M)	2,585.62	43.05
28 23 00 00-1246	EA		Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	4,832.61	43.05
28 23 00 00-1247	EA		Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M)	3,503.97	43.05
28 23 00 00-1248			Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers (28 23 00 00-1240)		
28 23 00 00-1249	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,283.65	43.05
28 23 00 00-1250	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM)	765.97	43.05
28 23 00 00-1251	EA		Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S)	2,986.29	43.05
28 23 00 00-1252	EA		Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	2,585.62	43.05
28 23 00 00-1253	EA		Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S)	4,832.61	43.05
28 23 00 00-1254	EA		Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	3,503.97	43.05
28 23 00 00-1255			Video, Audio And Data, Fiber Optics Transmission Equipment (28 23 00 00-1207)		
28 23 00 00-1256			Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters (28 23 00 00-1255)		
28 23 00 00-1257	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S)	1,653.21	43.05
28 23 00 00-1258	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	1,315.50	43.05
28 23 00 00-1259			Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers (28 23 00 00-1255)		
28 23 00 00-1260	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	1,653.21	43.05
28 23 00 00-1261	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M)	1,315.50	43.05
28 23 00 00-1262			Video Amplifiers (28 23 00 00-1191)		
28 23 00 00-1263			Video Distribution Amplifiers (28 23 00 00-1262)		
28 23 00 00-1264	EA		1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT).....	204.46	10.76
28 23 00 00-1265	EA		16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA).....	1,659.00	10.76
			Note: Inserts time-date and title on up to 16 video inputs.		
28 23 00 00-1266			Video Equalizing Amplifiers (28 23 00 00-1262)		
28 23 00 00-1267	EA		Video Equalizing Amplifier (Pelco EA2010)	222.23	10.76
28 23 00 00-1268	EA		Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	348.88	10.76
28 23 00 00-1269			Network Video Equipment (28 23 00 00-0563)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 23 00 00-1270			Video Encoders/Decoders (28 23 00 00-1269)		
28 23 00 00-1271	EA		MPEG4 IP Video Receiver (Pelco NET300R).....	823.74	21.53
28 23 00 00-1272	EA		MPEG4 IP Video Transmitter (Pelco NET300T).....	823.74	21.53
28 23 00 00-1273	EA		MPEG4 IP Video Receiver With Audio (Pelco NET350R).....	948.16	21.53
28 23 00 00-1274	EA		MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T).....	948.16	21.53
28 23 00 00-1275			Network Video Recorders (28 23 00 00-1269)		
28 23 00 00-1276	EA		16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	5,215.50	43.05
28 23 00 00-1277	EA		32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	6,069.41	43.05
28 23 00 00-1278	EA		64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	7,778.71	43.05
28 23 00 00-1279	EA		64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	5,151.06	43.05
28 23 00 00-1280			Network Video Recorder Software (28 23 00 00-1269)		
28 23 00 00-1281	EA		10 User, License Pack (Pelco VMX300-LIC-10).....	515.46	
28 23 00 00-1282	EA		20 User, License Pack (Pelco VMX300-LIC-20).....	929.45	
28 23 00 00-1283	EA		50 User, License Pack (Pelco VMX300-LIC-50).....	2,064.05	
28 23 00 00-1284	EA		100 User, License Pack (Pelco VMX300-LIC-100).....	3,610.42	
28 23 00 00-1285	EA		10 User, Enterprise License Pack (Pelco VMX300-E-LIC10).....	860.58	
28 23 00 00-1286	EA		20 User, Enterprise License Pack (Pelco VMX300-E-LIC20).....	1,547.85	
28 23 00 00-1287	EA		50 User, Enterprise License Pack (Pelco VMX300-E-LIC50).....	3,440.09	
28 23 00 00-1288	EA		100 User, Enterprise License Pack (Pelco VMX300-E-LIC100).....	6,018.86	
28 23 00 00-1289	EA		200 User, Enterprise License Pack (Pelco VMX300-E-LIC200).....	10,317.30	
28 23 00 00-1290	EA		500 User, Enterprise License Pack (Pelco VMX300-E-LIC500).....	21,493.69	
28 23 00 00-1291	EA		0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	4,641.95	
28 23 00 00-1292	EA		1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	4,928.56	
28 23 00 00-1293	EA		4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	7,795.43	
28 23 00 00-1294	EA		0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0).....	5,158.15	
28 23 00 00-1295	EA		1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1).....	5,444.76	
28 23 00 00-1296	EA		4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4).....	8,310.14	
28 23 00 00-1297	EA		0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0).....	4,986.33	
28 23 00 00-1298	EA		1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1).....	5,273.68	
28 23 00 00-1299	EA		4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4).....	8,139.80	
28 23 00 00-1300	EA		0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0).....	5,845.43	
28 23 00 00-1301	EA		1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1).....	6,132.04	
28 23 00 00-1302	EA		4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4).....	8,998.90	
28 23 00 00-1303			Video Recording Equipment (28 23 00 00-0563)		
28 23 00 00-1304			Digital Video Recorders (28 23 00 00-1303)		
28 23 00 00-1305	EA		8 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-1000)..... Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,198.65	43.05
28 23 00 00-1306	EA		8 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-2000)..... Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	5,673.93	43.05
28 23 00 00-1307	EA		8 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4608DVD-3000)..... Note: Includes 8 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 240 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,149.20	43.05
28 23 00 00-1308	EA		16 Channel, 1 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-1000)..... Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	4,813.35	43.05
28 23 00 00-1309	EA		16 Channel, 2 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-2000)..... Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	6,288.62	43.05
28 23 00 00-1310	EA		16 Channel, 3 TB Hard Drive, Digital Video Recorder With DVDRW (Pelco DX4616DVD-3000)..... Note: Includes 16 camera inputs, MPEG4 compression; CIF, 2CIF, 4CIF programmable by channel; 480 IPS; pixel search, 4 audio ins, 1 out; 16 alarms ins, 4 relay outs.	7,763.90	43.05
28 23 00 00-1311	EA		8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A).....	8,166.79	43.05
28 23 00 00-1312	EA		8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A).....	11,198.80	43.05
28 23 00 00-1313	EA		8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A).....	14,231.56	43.05
28 23 00 00-1314	EA		16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A).....	9,832.40	43.05
28 23 00 00-1315	EA		16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A).....	12,864.41	43.05
28 23 00 00-1316	EA		16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A).....	15,897.17	43.05
28 23 00 00-1317	EA		24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A).....	10,748.52	43.05
28 23 00 00-1318	EA		24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A).....	13,780.53	43.05
28 23 00 00-1319	EA		24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A).....	16,813.29	43.05
28 23 00 00-1320	EA		32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A).....	12,414.13	43.05
28 23 00 00-1321	EA		32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A).....	15,446.14	43.05
28 23 00 00-1322	EA		32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A).....	18,478.90	43.05
28 23 00 00-1323	EA		16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500).....	9,015.00	43.05

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 23 Video Surveillance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 23 00 00-1324		Digital Video Recorder Accessories (28 23 00 00-1303)			
28 23 00 00-1325	EA	16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	797.08		21.53
28 23 00 00-1326		Matrix Systems And Controls (28 23 00 00-0563)			
28 23 00 00-1327		Video Multiplexers (28 23 00 00-1326)			
28 23 00 00-1328		Monochrome Duplex, Video Multiplexers (28 23 00 00-1327)			
28 23 00 00-1329	EA	9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	1,503.61		43.05
28 23 00 00-1330	EA	16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,421.40		43.05
28 23 00 00-1331		Color Duplex, Video Multiplexers (28 23 00 00-1327)			
28 23 00 00-1332	EA	4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	1,017.03		43.05
28 23 00 00-1333	EA	9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	1,936.12		43.05
28 23 00 00-1334	EA	16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	2,098.31		43.05
28 23 00 00-1335		Color Simplex, Video Multiplexers (28 23 00 00-1327)			
28 23 00 00-1336	EA	9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	1,628.03		43.05
28 23 00 00-1337	EA	16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	1,900.57		43.05
28 23 00 00-1338		Video Multiplexer Accessories (28 23 00 00-1327)			
28 23 00 00-1339	EA	Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	899.67		29.40
28 23 00 00-1340	EA	Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002).....	530.85		29.40
28 23 00 00-1341	EA	Video Multiplexer Server (Pelco MX4000SVR).....	1,503.61		43.05
28 23 00 00-1342		Quad Video Processor (28 23 00 00-1326)			
28 23 00 00-1343	EA	Monochrome, Quad Video Processor (Pelco QD104M).....	465.93		21.53
28 23 00 00-1344	EA	Color, Quad Video Processor (Pelco QD104C).....	762.17		21.53
28 23 00 00-1345		Switcher (28 23 00 00-1326)			
28 23 00 00-1346		Terminating Manual Switchers (28 23 00 00-1345)			
28 23 00 00-1347		Terminating Manual Switchers (28 23 00 00-1346)			
28 23 00 00-1348	EA	4 Inputs, Terminating Manual Switcher (Pelco MS504DT).....	162.56		17.22
28 23 00 00-1349	EA	8 Inputs, Terminating Manual Switcher (Pelco MS508DT).....	220.33		17.22
28 23 00 00-1350	EA	12 Inputs, Terminating Manual Switcher (Pelco MS512DT).....	267.73		17.22
28 23 00 00-1351	EA	18 Inputs, Terminating Manual Switcher (Pelco MS518DT).....	437.33		17.22
28 23 00 00-1352		Audio Follow, Terminating Manual Switchers (28 23 00 00-1346)			
28 23 00 00-1353	EA	4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF).....	209.96		17.22
28 23 00 00-1354	EA	8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF).....	369.19		17.22
28 23 00 00-1355	EA	18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF).....	643.95		17.22
28 23 00 00-1356		Balanced Audio Follow, Terminating Manual Switchers (28 23 00 00-1346)			
28 23 00 00-1357	EA	4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF).....	280.32		17.22
28 23 00 00-1358	EA	8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF).....	512.87		17.22
28 23 00 00-1359		Looping Manual Switchers (28 23 00 00-1345)			
28 23 00 00-1360		Looping Manual Switchers (28 23 00 00-1359)			
28 23 00 00-1361	EA	4 Inputs, Looping Manual Switcher (Pelco MS504LDT).....	181.82		17.22
28 23 00 00-1362	EA	8 Inputs, Looping Manual Switcher (Pelco MS508LDT).....	249.21		17.22
28 23 00 00-1363	EA	12 Inputs, Looping Manual Switcher (Pelco MS512LDT).....	317.35		17.22
28 23 00 00-1364	EA	18 Inputs, Looping Manual Switcher (Pelco MS518LDT).....	522.50		17.22
28 23 00 00-1365		Audio Follow, Looping Manual Switchers (28 23 00 00-1359)			
28 23 00 00-1366	EA	4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL).....	226.26		17.22
28 23 00 00-1367	EA	8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL).....	394.37		17.22
28 23 00 00-1368	EA	12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL).....	541.01		17.22
28 23 00 00-1369		Balanced Audio Follow, Looping Manual Switchers (28 23 00 00-1359)			
28 23 00 00-1370	EA	4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL).....	300.32		17.22
28 23 00 00-1371	EA	8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL).....	543.23		17.22
28 23 00 00-1372	EA	12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL).....	683.21		17.22
28 23 00 00-1373		Sequential Switchers (28 23 00 00-1345)			
28 23 00 00-1374		Single Output, Sequential Switchers (28 23 00 00-1373)			
28 23 00 00-1375	EA	4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104).....	318.09		17.22
28 23 00 00-1376	EA	8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108).....	473.62		17.22

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

28 23 00 00-1377			Dual Outputs, Sequential Switchers <small>(28 23 00 00-1373)</small>		
28 23 00 00-1378	EA		4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	397.33	17.22
28 23 00 00-1379	EA		8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	549.90	17.22
28 23 00 00-1380			Controls <small>(28 23 00 00-1326)</small>		
28 23 00 00-1381			Direct/Multi-Cable Controls <small>(28 23 00 00-1380)</small>		
28 23 00 00-1382	EA		Scanner Control Module (Pelco MPS524DT)	275.69	43.05
28 23 00 00-1383	EA		120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	294.21	43.05
28 23 00 00-1384	EA		24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	326.05	43.05
28 23 00 00-1385	EA		Motorized Zoom Lens Control Module (Pelco MLZ6DT)	340.87	43.05
28 23 00 00-1386	EA		120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	536.38	43.05
28 23 00 00-1387	EA		24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	590.45	43.05
28 23 00 00-1388			Coaxitron Controls <small>(28 23 00 00-1380)</small>		
28 23 00 00-1389	EA		Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000)	393.10	29.40
28 23 00 00-1390	EA		8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000)	741.93	29.40
28 23 00 00-1391	EA		Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008)	841.91	29.40
28 23 00 00-1392			Digital Controls <small>(28 23 00 00-1380)</small>		
28 23 00 00-1393	EA		Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A)	527.15	29.40
28 23 00 00-1394	EA		Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A)	892.27	29.40
28 23 00 00-1395			Lock Boxes <small>(28 23 00 00-1326)</small>		
28 23 00 00-1396	EA		VCR Lock Box (Pelco LB1000)	323.05	32.29
			<i>For Wall Mount, Add</i>	165.00	
28 23 00 00-1397	EA		Computer Disk Drive Lock Box (Pelco LB2000)	330.46	32.29
28 23 00 00-1398	EA		VCR And Multiplexer Lock Box (Pelco LB3000)	604.48	32.29
			Note: Includes storage for 32 VCR tapes.		

28 26 Electronic Personal Protection Systems (28 20)
28 26 13 Electronic Personal Safety Detection Systems (28 26)

28 26 13 00-0001			Personnel Alarm Locating System <small>(28 26 13)</small>		
			Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 26 13 00-0002	EA		Personnel Alarm Locating System	12,255.66	689.98
			Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
28 26 13 00-0003	EA		Personnel Alarm Transmitters With Lithium Batteries	94.26	
28 26 13 00-0004	EA		Lapel Reader	36.25	
28 26 13 00-0005	EA		IR Locator	145.90	25.84
28 26 13 00-0006	EA		Repeaters And Receivers	367.98	86.10

28 26 23 Electronic Personal Safety Emergency Aid Devices (28 26)

28 26 23 00-0001			Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) <small>(28 26 23)</small>		
28 26 23 00-0002			Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) <small>(28 26 23 00-0001)</small>		
28 26 23 00-0003	EA		Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5)	199.27	51.66
			Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).		
28 26 23 00-0004	EA		Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5)	235.91	60.28
			Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.		
28 26 23 00-0005	EA		Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5)	237.43	60.28
			Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.		
28 26 23 00-0006			Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 26 23 00-0001)</small>		
28 26 23 00-0007	EA		High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	143.66	32.29
28 26 23 00-0008	EA		High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5)	136.98	25.84
28 26 23 00-0009	EA		Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	70.80	25.84
28 26 23 00-0010	EA		1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	113.48	25.84
28 26 23 00-0011	EA		2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	128.74	25.84
28 26 23 00-0012	EA		4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	144.58	25.84
28 26 23 00-0013	EA		2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2)	195.49	25.84
28 26 23 00-0014	EA		4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4)	217.39	25.84

28 Electronic Safety And Security**28 20 Electronic Surveillance****28 26 Electronic Personal Protection Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 26 23 00-0015		Call Activation Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 26 23 00-0001)</small>		
28 26 23 00-0016	EA	Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537).....	89.95	25.84
28 26 23 00-0017	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E).....	126.33	25.84
28 26 23 00-0018	EA	Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E).....	161.45	25.84
28 26 23 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....	163.09	8.61
28 26 23 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930).....	129.57	25.84
28 26 23 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....	150.58	25.84
28 26 23 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L).....	246.29	25.84
28 26 23 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620).....	123.80	25.84
28 26 23 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675).....	138.55	8.61
28 26 23 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676).....	211.85	8.61
28 26 23 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685).....	216.36	8.61
28 26 23 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686).....	283.68	8.61

28 30 Electronic Detection And Alarm (28)

Note: Includes testing of new devices and certification.

28 31 Fire Detection And Alarm (28 30)**28 31 23 Fire Detection and Alarm Annunciation Panels and Fire Stations (28 31)**

28 31 23 00-0001		Edwards Fire Alarm <small>(28 31 23)</small>		
28 31 23 00-0002		EST3 Life Safety And Security Control <small>(28 31 23 00-0001)</small>		
28 31 23 00-0003		EST3 Network <small>(28 31 23 00-0002)</small>		
28 31 23 00-0004		Remote Annunciators <small>(28 31 23 00-0003)</small>		
28 31 23 00-0005	EA	Remote LCD Command Module Annunciator (EST3 3-LCDANN)..... Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	847.19	64.58
28 31 23 00-0006	EA	Six Position Base Annunciator (EST3 3-6ANN)..... Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	696.98	64.58
28 31 23 00-0007	EA	Ten Position Base Annunciator (EST3 3-10ANN)..... Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.	872.13	64.58
28 31 23 00-0008	EA	Annunciator CPU (EST3 3-ANNCPU3)..... Note: One Required per graphic annunciator.	568.77	64.58
28 31 23 00-0009	EA	Annunciator Support Module (EST3 3-ANNSM)..... Note: Takes one space in Annunciator box. Supports one Control/Display module.	109.95	21.53
28 31 23 00-0010	EA	Liquid Crystal Display Module (EST3 3-LCD)..... Note: Mounts over 3-CPU(1).	378.35	64.58
28 31 23 00-0011	EA	Liquid Crystal Display Module (EST3 3-LCDXL)..... Note: Mounts over 3-ANNCPU plus two spaces.	392.27	64.58
28 31 23 00-0012	EA	LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA)..... Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.	422.26	64.58
28 31 23 00-0013	EA	Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA)..... Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.	474.44	43.05
28 31 23 00-0014	EA	Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX)..... Note: Mounts up to three 3-EVDVRA modules.	80.13	21.53
28 31 23 00-0015	EA	Central Processor Unit Module (EST3 3-CPU3)..... Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	895.48	64.58
28 31 23 00-0016	EA	Primary Power Supply With Local Rail Module, 120 VAC, 50/60 Hz (EST3 3-CPU3)..... Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.	860.95	21.53

28 31 23 00-0017 Remote Annunciators Cabinets (28 31 23 00-0003)

28 31 23 00-0018	EA	Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCMB).....	85.46	21.53
28 31 23 00-0019	EA	Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCMB/S).....	76.85	17.22
28 31 23 00-0020	EA	Six Position LED/LCD Flush Wallbox (EST3 6ANN/B).....	94.87	21.53
28 31 23 00-0021	EA	Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	86.26	17.22
28 31 23 00-0022	EA	Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	103.70	21.53
28 31 23 00-0023	EA	Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	95.09	17.22

28 31 23 00-0024 Audio And Telephone Masters (28 31 23 00-0003)

28 31 23 00-0025	EA	Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	2,692.62	86.10
28 31 23 00-0026	EA	Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	1,520.38	86.10
28 31 23 00-0027	EA	Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,425.14	86.10
28 31 23 00-0028	EA	Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	1,439.78	86.10
28 31 23 00-0029	EA	Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	1,637.56	86.10
28 31 23 00-0030	EA	Zoned Audio Amplifier Module (EST3 3-ZA95).....	1,512.62	43.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0031			Battery Distribution Unit (28 31 23 00-0003)		
28 31 23 00-0032	EA		Battery Distribution Unit (EST3 3-BTSEN).....	339.28	253.16
28 31 23 00-0033			Remote Booster Power Supply (28 31 23 00-0003)		
28 31 23 00-0034	EA		6.5 Amp, 120 VAC, Booster Power Supply (EST3 BPS6A).....	495.54	64.58
28 31 23 00-0035	EA		10 Amp, 110 VAC Booster Power Supply (EST3 BPS10).....	560.73	64.58
28 31 23 00-0036	EA		10 Amp, 220 VAC Booster Power Supply (EST3 BPS10220).....	608.76	64.58
28 31 23 00-0037	EA		Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	87.04	21.53
28 31 23 00-0038			Batteries And Battery Cabinets (28 31 23 00-0003)		
28 31 23 00-0039	EA		1.2 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V1A2 (1.2 Amp Hours)).....	69.14	21.53
28 31 23 00-0040	EA		4 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V4A (4.5 Amp Hours)).....	83.30	21.53
28 31 23 00-0041	EA		24 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V24A (26 Amp Hours)).....	181.00	21.53
28 31 23 00-0042	EA		6.5 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V6A5 (7.2 Amp Hours)).....	88.97	21.53
28 31 23 00-0043	EA		40 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V40A (40 Amp Hours)).....	226.36	21.53
28 31 23 00-0044	EA		10 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V10A (11 Amp Hours)).....	132.47	21.53
28 31 23 00-0045	EA		50 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V50A (50 Amp Hours)).....	447.35	21.53
28 31 23 00-0046	EA		17 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V17A (18 Amp Hours)).....	135.39	21.53
28 31 23 00-0047	EA		65 Amp Hours Sealed Lead Acid Battery - 12 VDC (EST3 12V65A (65 Amp Hours)).....	536.20	21.53
28 31 23 00-0048	EA		8.0 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V8A (8 Amp Hours)).....	80.54	21.53
28 31 23 00-0049	EA		10 Amp Hours Sealed Lead Acid Battery - 6 VDC (EST3 6V10A (12 Amp Hours)).....	73.46	21.53
28 31 23 00-0050	EA		Battery Cabinet, 14.0" x 18.25" x 7.25" Free Standing Cabinet With Key Lock (EST3 BC-1).....	244.10	43.05
			Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.		
28 31 23 00-0051	EA		Battery Cabinet, Gray 22" X 15" X 3.75" (EST3 BC-2).....	205.95	43.05
			Note: Holds up to two 12V17A batteries.		
28 31 23 00-0052	EA		Remote Closet Enclosure (EST3 3-RCC7R).....	670.49	86.10
28 31 23 00-0053	EA		Remote Closet Enclosure (EST3 3-RCC14R).....	820.66	86.10
28 31 23 00-0054	EA		Remote Closet Enclosure (EST3 3-RCC21R).....	1,132.04	86.10
28 31 23 00-0055			Serial Printer (28 31 23 00-0003)		
28 31 23 00-0056	EA		System Printer - Desk Top Style (EST3 PT-1S).....	857.14	21.53
28 31 23 00-0057			Intelligent Analog Initiating Devices (28 31 23 00-0002)		
28 31 23 00-0058			Detectors, Signature (28 31 23 00-0057)		
28 31 23 00-0059	EA		Intelligent 4D Multisensor Detector - Ionization, Photoelectric, Heat (EST3 SIGA-IPHS).....	150.00	32.29
28 31 23 00-0060	EA		Intelligent 4D Multisensor Detector, Black - Ionization, Photoelectric, Heat (EST3 SIGA-IPHSB).....	166.48	32.29
28 31 23 00-0061	EA		Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA-PHS).....	145.09	32.29
28 31 23 00-0062	EA		Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	130.35	32.29
28 31 23 00-0063	EA		Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	135.26	32.29
28 31 23 00-0064	EA		Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA-HRS).....	113.92	32.29
28 31 23 00-0065	EA		Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA-HFS).....	113.92	32.29
28 31 23 00-0066	EA		Passive Infrared Motion Detector (EST3 SIGA-MD).....	170.87	32.29
28 31 23 00-0067	EA		Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS).....	186.96	32.29
28 31 23 00-0068	EA		Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS).....	160.42	32.29
28 31 23 00-0069	EA		Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS).....	224.35	32.29
28 31 23 00-0070	EA		Intelligent Fixed Temperature Heat Detector - 135 Degree F (EST3 SIGA2-HFS).....	136.57	32.29
28 31 23 00-0071	EA		Intelligent Fixed Temperature / Rate-of-Rise Heat Detector - 135F, 15F Per Minute (EST3 SIGA2-HRS).....	136.57	32.29
28 31 23 00-0072	EA		Intelligent 3D Multisensor Detector - Photoelectric, Heat (EST3 SIGA2-PHS).....	181.91	32.29
28 31 23 00-0073			Detectors, Duct Housings and Accessories, Signature (28 31 23 00-0057)		
28 31 23 00-0074	EA		Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD).....	297.41	53.82
28 31 23 00-0075	EA		Superduct, Test Magnet Kit (EST3 SD-MAG).....	15.06	
28 31 23 00-0076	EA		Superduct, 120" Air Sample Tube (EST3 SD-T120).....	42.19	12.92
28 31 23 00-0077	EA		Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK).....	79.34	17.22
28 31 23 00-0078	EA		Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS).....	104.27	17.22
28 31 23 00-0079	EA		High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL).....	50.91	17.22
28 31 23 00-0080			Detectors, Smoke, Beam (28 31 23 00-0057)		
28 31 23 00-0081	EA		Fireray 2000 Beam Alignment Aid, For Quick Alignment Of Beam Detector Transmitter And Receiver Heads (EST3 0201-01-A).....	97.19	
28 31 23 00-0082	EA		Fireray 2000 Beam Smoke Detector (By Fire Fighting Enterprises) (EST3 22310-18-01).....	1,134.03	32.29
			Note: Includes controller and remote mount transmitter and receiver head.		
28 31 23 00-0083	EA		Fireray 2000 Beam Detector Prism, Use To Reflect Beam When Mounting Transmitter And Receiver Heads On Same Wall (EST3 23901-00).....	72.13	10.76
28 31 23 00-0084	EA		Replacement Reflector, For EC-50R/-100R Reflective Beam Detectors (EST3 23901-01).....	84.74	10.76
28 31 23 00-0085	EA		160 - 330' Reflective Beam Detector (EST3 EC-100R).....	1,159.95	32.29
28 31 23 00-0086	EA		15 - 160' Reflective Beam Detector (EST3 EC-50R).....	991.43	32.29
28 31 23 00-0087	EA		Remote Test Station, For EC-50R/-100R Reflective Beam Detectors (EST3 EC-LLT).....	232.23	10.76
28 31 23 00-0088	EA		160 - 330' Self Adjusting Reflective Beam Detector (EST3 EC-5000R).....	1,222.07	32.29
28 31 23 00-0089			Modules, Signature (28 31 23 00-0057)		
28 31 23 00-0090	EA		Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB).....	136.66	21.53
28 31 23 00-0091	EA		Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1).....	93.17	21.53
28 31 23 00-0092	EA		Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2).....	128.47	21.53
28 31 23 00-0093	EA		Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2).....	123.52	21.53

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31	23 00-0094	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1).....	117.02	21.53
28 31	23 00-0095	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2).....	138.36	21.53
28 31	23 00-0096	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR)..... Note: Select for either N.O. or N.C. operation. Rated at 2 amps (24Vdc).	112.04	21.53
28 31	23 00-0097	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR).....	108.82	21.53
28 31	23 00-0098	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S).....	141.66	21.53
28 31	23 00-0099	EA	Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO).....	138.36	21.53
28 31	23 00-0100	EA	Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO).....	133.45	21.53
28 31	23 00-0101	EA	Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM).....	123.26	101.74
28 31	23 00-0102	EA	Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1)..... Note: Factory programmed for non-latching monitor operation.	93.17	21.53
28 31	23 00-0103	EA	Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S).....	142.29	21.53
28 31	23 00-0104		Module Accessories, Signature (28 31 23 00-0057) Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 & 2-gang modules.		
28 31	23 00-0105	EA	Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4).....	38.03	10.76
28 31	23 00-0106	EA	Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6).....	121.93	21.53
28 31	23 00-0107	EA	Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P).....	15.38	6.45
28 31	23 00-0108	EA	Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1).....	43.71	10.76
28 31	23 00-0109	EA	Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2).....	39.63	10.76
28 31	23 00-0110	EA	Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L).....	41.24	10.76
28 31	23 00-0111		Single Action Pull Stations, Signature (28 31 23 00-0057)		
28 31	23 00-0112	EA	One Stage Fire Alarm Station, English Markings (EST3 SIGA-270).....	160.07	44.78
28 31	23 00-0113	EA	Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P).....	184.71	44.78
28 31	23 00-0114	EA	GA Key - For Pre Signal Station (EST3 276-K2).....	21.12	16.82
28 31	23 00-0115	EA	20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR).....	25.87	21.57
28 31	23 00-0116	EA	Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB).....	45.08	27.86
28 31	23 00-0117		Double Action Pull Stations, Signature (28 31 23 00-0057)		
28 31	23 00-0118	EA	Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278).....	164.98	44.78
28 31	23 00-0119	EA	12 Glass Rods For SIGA-278 Series (EST3 276-GLR).....	26.22	4.31
28 31	23 00-0120		Detector Bases and Accessories, Signature (28 31 23 00-0057) Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 31	23 00-0121	EA	Audible (Sounder) Base (EST3 SIGA-AB4G).....	74.48	10.76
28 31	23 00-0122	EA	Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB).....	31.43	10.76
28 31	23 00-0123	EA	Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4).....	91.57	10.76
28 31	23 00-0124	EA	Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG).....	54.45	10.76
28 31	23 00-0125	EA	Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB).....	62.65	10.76
28 31	23 00-0126	EA	Detector Mounting Plate (EST3 SIGA-DMP)..... Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.	95.50	10.76
28 31	23 00-0127	EA	Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED).....	38.03	10.76
28 31	23 00-0128	EA	Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS).....	15.45	6.45
28 31	23 00-0129	EA	Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4).....	15.45	6.45
28 31	23 00-0130	EA	Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF).....	37.63	6.45
28 31	23 00-0131	EA	Detector Base With Isolator (EST3 SIGA-IB).....	61.82	10.76
28 31	23 00-0132	EA	Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4).....	65.34	10.76
28 31	23 00-0133	EA	Detector Base With Form 'C' Relay (EST3 SIGA-RB).....	55.69	10.76
28 31	23 00-0134	EA	Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4).....	55.69	10.76
28 31	23 00-0135	EA	Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4).....	32.66	10.76
28 31	23 00-0136		Controllers, Signature (28 31 23 00-0057)		
28 31	23 00-0137	EA	Signature Dual Driver Controller (EST3 3-SDDC1).....	1,934.31	64.58
28 31	23 00-0138	EA	Single Signature Loop Controller (EST3 3-SSDC1).....	1,123.93	64.58
28 31	23 00-0139	EA	Signature Loop Controller (EST3 3-SDC1).....	1,013.32	64.58
28 31	23 00-0140	EA	Analog Addressable Loop Controller (EST3 3-AADC1).....	1,602.76	64.58
28 31	23 00-0141		Relays And Accessories (28 31 23 00-0057)		
28 31	23 00-0142	EA	Multi Voltage Relay (EST3 MR101).....	112.63	21.53
28 31	23 00-0143	EA	Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T).....	35.95	10.76
28 31	23 00-0144		Notification Appliances (28 31 23 00-0002)		
28 31	23 00-0145		Wall Strobes, Horns And Chimes (28 31 23 00-0144)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0146	EA		Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM).....	99.69	32.29
28 31 23 00-0147	EA		Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM).....	99.69	32.29
28 31 23 00-0148	EA		Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM).....	111.13	32.29
28 31 23 00-0149	EA		Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD).....	86.81	32.29
28 31 23 00-0150	EA		Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD).....	86.81	32.29
28 31 23 00-0151	EA		Temporal Horn, Hi/Lo dB Output, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-HD).....	86.81	32.29
28 31 23 00-0152	EA		Temporal Horn, Hi/Lo dB Output, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD).....	86.81	32.29
28 31 23 00-0153	EA		Horn (Steady Tone), 24 VDC, White, Not Compatible With Signal Master (EST3 G1-P).....	75.98	32.29
28 31 23 00-0154	EA		Horn (Steady Tone) - 24 VDC, Red, Not Compatible With Signal Master (EST3 G1R-P).....	75.98	32.29
28 31 23 00-0155	EA		Horn (Steady Tone), 24 VDC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P).....	75.98	32.29
28 31 23 00-0156	EA		Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM).....	157.81	32.29
28 31 23 00-0157	EA		Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM).....	157.81	32.29
28 31 23 00-0158	EA		Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C).....	109.74	32.29
28 31 23 00-0159	EA		Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C).....	109.74	32.29
28 31 23 00-0160	EA		Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575).....	99.69	32.29
28 31 23 00-0161	EA		Multi-cd Strobe, 24 VDC, White, With The Word "FIRE" On Housing (EST3 G1F-VM).....	99.69	32.29
28 31 23 00-0162	EA		Multi-Candela Strobe, 24 VDC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM).....	99.69	32.29
28 31 23 00-0163	EA		Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575).....	99.69	32.29
28 31 23 00-0164	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM).....	102.91	32.29
28 31 23 00-0165	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM).....	102.91	32.29
28 31 23 00-0166	EA		Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH).....	110.43	32.29
28 31 23 00-0167	EA		Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM).....	102.91	32.29
28 31 23 00-0168	EA		Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH).....	102.91	32.29
28 31 23 00-0169	EA		Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE).....	68.94	32.29
28 31 23 00-0170	EA		Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE).....	68.94	32.29
28 31 23 00-0171			Wall Speakers And Speaker Strobes (28 31 23 00-0144)		
28 31 23 00-0172	EA		Multi-Wattage 25 VRMS Speaker (EST3 G4-S2).....	85.84	32.29
28 31 23 00-0173	EA		Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM).....	122.11	32.29
28 31 23 00-0174	EA		Multi-Wattage 70 VRMS Speaker (EST3 G4-S7).....	85.84	32.29
28 31 23 00-0175	EA		Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM).....	122.11	32.29
28 31 23 00-0176	EA		Surface Box, White, For Genesis Speaker (EST3 G4B).....	43.28	17.22
28 31 23 00-0177	EA		Surface Box, Red, For Genesis Speaker (EST3 G4RB).....	43.28	17.22
28 31 23 00-0178			Ceiling Speakers And Speaker Strobes (28 31 23 00-0144)		
28 31 23 00-0179	EA		Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7).....	98.99	32.29
28 31 23 00-0180	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM).....	122.11	32.29
28 31 23 00-0181	EA		Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH).....	129.43	32.29
28 31 23 00-0182			Harsh Environment Signals (28 31 23 00-0144)		
28 31 23 00-0183	EA		Temporal Horn, Self-Synchronized, 24 VDC (EST3 757-1A-T).....	89.99	32.29
28 31 23 00-0184	EA		15/75 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-7A-T).....	118.86	32.29
28 31 23 00-0185	EA		110 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-8A-T).....	118.86	32.29
28 31 23 00-0186	EA		15 Candela Synchronized, 24 VDC, Strobe (EST3 405-5A-T).....	110.28	32.29
28 31 23 00-0187	EA		15/75 Candela Synchronized, 24 VDC, Strobe (EST3 405-7A-T).....	104.57	32.29
28 31 23 00-0188	EA		30 Candela Synchronized, 24 VDC, Strobe (EST3 405-3A-T).....	110.28	32.29
28 31 23 00-0189	EA		60 Candela Synchronized, 24 VDC, Strobe (EST3 405-6A-T).....	110.28	32.29
28 31 23 00-0190	EA		110 Candela Synchronized, 24 VDC, Strobe (EST3 405-8A-T).....	110.28	32.29
28 31 23 00-0191	EA		15/75 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T).....	122.43	36.60
28 31 23 00-0192	EA		110 Candela Synchronized, 24 VDC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	122.43	36.60
28 31 23 00-0193	EA		15 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-5A-T).....	93.50	32.29
28 31 23 00-0194	EA		30 Candela Temporal Horn/Strobe, 24 VDC (EST3 757-3A-T).....	116.17	32.29
28 31 23 00-0195			Fire Alarm Bells (28 31 23 00-0144)		
28 31 23 00-0196	EA		10" Single Stroke Fire Alarm Bells, 24 VDC (EST3 323D-10AW).....	126.87	32.29
28 31 23 00-0197	EA		6" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-6AW).....	105.31	32.29
28 31 23 00-0198	EA		10" Vibrating Fire Alarm Bells, 24 VDC (EST3 439D-10AW).....	114.51	32.29
28 31 23 00-0199			Multiple Tone Signal (28 31 23 00-0144)		
28 31 23 00-0200	EA		27 Tone Selectable Signal, 24 VDC (EST3 5530MD-24AW).....	711.55	679.26
28 31 23 00-0201			Multi-Purpose Loudspeaker (28 31 23 00-0144)		
28 31 23 00-0202	EA		15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	161.26	32.29
28 31 23 00-0203	EA		15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	161.26	32.29
28 31 23 00-0204			Bell/Strobe Plate (28 31 23 00-0144)		
28 31 23 00-0205	EA		Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	82.09	17.22
28 31 23 00-0206			Mounting Accessories (28 31 23 00-0144)		
28 31 23 00-0207	EA		Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	43.95	17.22
28 31 23 00-0208	EA		One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	43.95	17.22
28 31 23 00-0209	EA		Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	43.95	17.22
28 31 23 00-0210	EA		Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21).....	43.95	17.22
28 31 23 00-0211	EA		Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	43.95	17.22

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0212			Firefighters' Telephones (28 31 23 00-0144)		
28 31 23 00-0213	EA		Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	651.83	53.82
28 31 23 00-0214	EA		Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	379.74	53.82
28 31 23 00-0215	EA		Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	281.75	53.82
28 31 23 00-0216	EA		Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	213.44	53.82
28 31 23 00-0217	EA		Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	367.54	53.82
28 31 23 00-0218	EA		Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	237.82	53.82
28 31 23 00-0219	EA		Remote Telephone Handset Station - 4-State, Red, "Push To Talk" Button, 5' Coiled Cord (EST3 6830-5A-4).....	410.72	53.82
28 31 23 00-0220	EA		Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	245.95	53.82
28 31 23 00-0221	EA		Remote Telephone Handset Station - 4-State, Red, "Push To Talk" Button, 5' Armored Cable (EST3 6830-6A-4).....	466.02	53.82
28 31 23 00-0222	EA		Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	57.24	17.22
28 31 23 00-0223	EA		Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	64.32	17.22
28 31 23 00-0224	EA		Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	78.98	
28 31 23 00-0225	EA		Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	78.98	
28 31 23 00-0226	EA		Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	127.94	21.53
28 31 23 00-0227	EA		Frontplate - Flush Mount, Red Finish, Non Break Glass Type With Two Keys (EST3 6831-2).....	156.10	21.53
28 31 23 00-0228	EA		Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	113.86	21.53
28 31 23 00-0229	EA		Frontplate - Surface Mount, Red Finish, Non Break Glass Type, With Two Keys (EST3 6831-4).....	109.72	21.53
28 31 23 00-0230	EA		Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	90.30	32.29
28 31 23 00-0231	EA		Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	665.85	43.05
28 31 23 00-0232			Mass Notification EC Appliances (28 31 23 00-0144)		
28 31 23 00-0233	EA		G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	102.93	32.29
28 31 23 00-0234	EA		G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	100.01	32.29
28 31 23 00-0235	EA		G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	102.93	32.29
28 31 23 00-0236	EA		G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	100.01	32.29
28 31 23 00-0237	EA		G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	16.42	6.45
28 31 23 00-0238			Hazardous Location Devices (28 31 23 00-0002)		
28 31 23 00-0239			Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location (28 31 23 00-0238)		
28 31 23 00-0240	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	93.61	32.29
28 31 23 00-0241	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	93.61	32.29
28 31 23 00-0242	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	96.05	32.29
28 31 23 00-0243	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194).....	96.05	32.29
28 31 23 00-0244	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135).....	125.09	32.29
28 31 23 00-0245	EA		Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194).....	125.09	32.29
28 31 23 00-0246	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	96.05	32.29
28 31 23 00-0247	EA		Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	96.05	32.29
28 31 23 00-0248			Hazardous Locations Fire Alarm Station (28 31 23 00-0238)		
28 31 23 00-0249	EA		Hazardous Location Fire Alarm Station (EST3 XAL53).....	688.73	53.82
28 31 23 00-0250	EA		Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE).....	657.15	53.82
28 31 23 00-0251			Hazardous Location Strobes (28 31 23 00-0238)		
28 31 23 00-0252	EA		Explosion Proof Strobe (EST3 116DEXSTC-FJ).....	996.22	32.29
28 31 23 00-0253	EA		Wall Bracket Mounting Elbow (EST3 116EX-B).....	188.66	10.76
28 31 23 00-0254	EA		Ceiling / Wall Mounting Module (EST3 116EX-C).....	246.15	12.92
28 31 23 00-0255	EA		Pendant Mounting Module (EST3 116EX-P).....	182.61	12.92
28 31 23 00-0256			Hazardous Location Bells (28 31 23 00-0238)		
28 31 23 00-0257	EA		6" Hazardous Location Bells, 24 VDC (EST3 439DEX-6AW).....	724.07	32.29
28 31 23 00-0258	EA		8" Hazardous Location Bells, 24 VDC (EST3 439DEX-8AW).....	742.34	32.29
28 31 23 00-0259	EA		10" Hazardous Location Bells, 24 VDC (EST3 439DEX-10AW).....	748.92	32.29
28 31 23 00-0260			Hazardous Location Horns (28 31 23 00-0238)		
28 31 23 00-0261	EA		Hazardous Location Horns (EST3 888D-N5).....	708.31	32.29
28 31 23 00-0262	EA		Explosion Proof Horn, Diode Polarized, 24 VDC (EST3 889D-AW).....	581.84	32.29
28 31 23 00-0263			Door Holders And Relays (28 31 23 00-0002)		
28 31 23 00-0264			Electromagnetic Door Holders (28 31 23 00-0263)		
28 31 23 00-0265	EA		Door Holder, Single, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1501-AQN5).....	141.93	32.29
28 31 23 00-0266	EA		Door Holder, Double, Floor Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1502-AQN5).....	178.61	32.29
28 31 23 00-0267	EA		Door Holder, Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1504-AQN5).....	123.20	32.29
28 31 23 00-0268	EA		Door Holder, Flush, Wall Mount, Short Catch Plate - 24 VAC / 24 VDC / 120 VAC (EST3 1505-AQN5).....	123.20	32.29
28 31 23 00-0269	EA		Door Holder, Surface, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1508-AQN5).....	124.89	32.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0270 EA Door Holder, Completely Flush, Wall Mount - 24 VAC / 24 VDC / 120 VAC (EST3 1509-AQN5)	126.51	32.29
28 31 23 00-0271 Control Relays, Multi-Voltage (28 31 23 00-0263)		
28 31 23 00-0272 EA Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1).....	28.66	6.45
28 31 23 00-0273 FireShield Plus (28 31 23 00-0002)		
28 31 23 00-0274 3 Zone System (28 31 23 00-0273)		
28 31 23 00-0275 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R).....	816.27	258.32
28 31 23 00-0276 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,171.19	344.43
28 31 23 00-0277 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G).....	816.27	258.32
28 31 23 00-0278 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD).....	1,171.19	344.43
28 31 23 00-0279 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	53.14	10.76
28 31 23 00-0280 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	53.14	10.76
28 31 23 00-0281 5 Zone System (28 31 23 00-0273)		
28 31 23 00-0282 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R).....	867.43	258.32
28 31 23 00-0283 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,219.42	344.43
28 31 23 00-0284 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G).....	867.43	258.32
28 31 23 00-0285 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,219.42	344.43
28 31 23 00-0286 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	53.14	10.76
28 31 23 00-0287 EA Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	53.14	10.76
28 31 23 00-0288 10 Zone System (28 31 23 00-0273)		
28 31 23 00-0289 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R).....	1,236.96	344.43
28 31 23 00-0290 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Red Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	1,591.88	430.53
28 31 23 00-0291 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G).....	1,215.03	344.43
28 31 23 00-0292 EA Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amp NAC Power, Gray Enclosure, 120 VAC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD).....	1,591.88	430.53
28 31 23 00-0293 EA Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G)	61.05	10.76
28 31 23 00-0294 EA NAC Power Expansion Transformer, 120 VAC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	112.65	21.53
28 31 23 00-0295 FireShield Plus Off Premise Communication Options (28 31 23 00-0273)		
28 31 23 00-0296 EA F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	233.06	21.53
28 31 23 00-0297 FireShield Plus Remote LED Annunciators (28 31 23 00-0273)		
28 31 23 00-0298 EA Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	112.01	32.29
28 31 23 00-0299 EA Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A).....	112.01	32.29
28 31 23 00-0300 EA Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA).....	115.74	32.29
28 31 23 00-0301 EA Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	22.43	6.45
28 31 23 00-0302 EA Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	27.20	6.45
28 31 23 00-0303 EA Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	38.66	6.45
28 31 23 00-0304 FireShield Plus Remote 10 Zone LED Annunciators (28 31 23 00-0273)		
28 31 23 00-0305 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10).....	313.06	32.29
28 31 23 00-0306 EA Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C).....	342.29	32.29
28 31 23 00-0307 EA Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1).....	116.13	21.53
28 31 23 00-0308 FireShield Plus Remote Relays And Interfaces (28 31 23 00-0273)		
28 31 23 00-0309 EA Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	122.09	21.53
28 31 23 00-0310 EA 11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	52.77	12.92
28 31 23 00-0311 EA Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	187.75	21.53

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 31 23 00-0312		FireShield Plus Accessories (28 31 23 00-0273)		
28 31 23 00-0313	EA	Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1)	12.04	
28 31 23 00-0314	EA	4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7)	8.04	
28 31 23 00-0315		iO Series Fire Control Panels (28 31 23 00-0002)		
28 31 23 00-0316		Intelligent Analog Control Panels (28 31 23 00-0315)		
28 31 23 00-0317	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G)	2,493.87	430.53
28 31 23 00-0318	EA	FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 18 a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD)	2,635.65	430.53
28 31 23 00-0319	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10 a/h Batteries, English (EST3 iO64G)	1,991.58	344.43
28 31 23 00-0320	EA	FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amp Power Supply, Gray Door, 115 VAC, Capacity For Up (2) 10a/h Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD)	2,057.36	344.43
28 31 23 00-0321		Option Modules And Accessories For iO Series (28 31 23 00-0315)		
28 31 23 00-0322	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1)	210.74	32.29
28 31 23 00-0323	EA	16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2)	137.66	32.29
28 31 23 00-0324	EA	Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232)	137.66	32.29
28 31 23 00-0325	EA	Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA)	116.13	21.53
28 31 23 00-0326	EA	Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT)	224.45	17.22
28 31 23 00-0327	EA	Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH)	399.85	17.22
28 31 23 00-0328	EA	Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1)	52.22	10.76
28 31 23 00-0329	EA	Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2)	59.53	10.76
28 31 23 00-0330	EA	Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250)	743.83	43.05
28 31 23 00-0331		Remote Annunciators For iO Series (28 31 23 00-0315)		
28 31 23 00-0332	EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD)	411.71	32.29
28 31 23 00-0333	EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C)	429.99	32.29
28 31 23 00-0334		Remote Annunciator Accessories (28 31 23 00-0315)		
28 31 23 00-0335	EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073)	50.76	10.76
28 31 23 00-0336	EA	12 Expander Cable (Cable Only) (EST3 7120313-01)	36.15	10.76
28 31 23 00-0337	EA	24 Expander Cable (Cable Only) (EST3 7120313-02)	47.10	10.76
28 31 23 00-0338	EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1)	137.66	32.29
28 31 23 00-0339	EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2)	155.93	32.29
28 31 23 00-0340	EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3)	174.20	32.29
28 31 23 00-0341	EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC)	36.15	10.76
28 31 23 00-0342	EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC)	36.15	10.76
28 31 23 00-0343	EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY)	68.08	10.76
28 31 23 00-0344		System Accessories (28 31 23 00-0315)		
28 31 23 00-0345	EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 VDC, 24 Amp Batteries (EST3 BC-1)	244.10	43.05
28 31 23 00-0346	EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A)	1,187.56	344.43
28 31 23 00-0347		Conventional Initiating Devices (28 31 23 00-0002)		
28 31 23 00-0348		Detectors, Heat, Double Pole (28 31 23 00-0347)		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 31 23 00-0349	EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2)	103.96	32.29
28 31 23 00-0350	EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2)	103.96	32.29
28 31 23 00-0351	EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2)	103.96	32.29
28 31 23 00-0352	EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2)	103.96	32.29
28 31 23 00-0353		Detectors, Rate Compensation Heat, Accessories (28 31 23 00-0347)		
28 31 23 00-0354	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	70.10	32.29
28 31 23 00-0355	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11)	153.91	17.22
28 31 23 00-0356	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27)	57.29	21.53
28 31 23 00-0357		Detectors, Heat, Fire-Lite (28 31 23 00-0347)		
		Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0358	EA		Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	98.37	32.29
28 31 23 00-0359	EA		Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	98.37	32.29
28 31 23 00-0360			Audio Notification Systems (Standalone Voice Evacuation) (28 31 23 00-0002)		
28 31 23 00-0361			Audio Notification Panels (28 31 23 00-0360)		
28 31 23 00-0362	EA		Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG)	3,031.58	430.53
28 31 23 00-0363	EA		Audio Notification Panel, 100W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	3,031.58	430.53
28 31 23 00-0364	EA		Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	2,322.69	430.53
28 31 23 00-0365	EA		Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	2,322.69	430.53
28 31 23 00-0366	EA		Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG)	2,673.49	430.53
28 31 23 00-0367	EA		Audio Notification Panel, 50W Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	2,673.49	430.53
28 31 23 00-0368			Audio Notification Expander Panels (28 31 23 00-0360)		
28 31 23 00-0369	EA		Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	2,381.16	430.53
28 31 23 00-0370	EA		Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR)	2,381.16	430.53
28 31 23 00-0371	EA		Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	1,694.20	430.53
28 31 23 00-0372	EA		Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR)	1,694.20	430.53
28 31 23 00-0373	EA		Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	2,096.14	430.53
28 31 23 00-0374	EA		Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR)	2,096.14	430.53
28 31 23 00-0375			Audio Notification Output Accessories (28 31 23 00-0360)		
28 31 23 00-0376	EA		Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B)	87.30	10.76
28 31 23 00-0377	EA		Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A)	371.92	21.53
28 31 23 00-0378	EA		Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B)	371.92	21.53
28 31 23 00-0379	EA		Class A Converter (GE ANSZSC4A)	269.60	21.53
28 31 23 00-0380			Audio Notification Remote Microphone (28 31 23 00-0360)		
28 31 23 00-0381	EA		Microphone (GE ANSMIKE)	108.82	21.53
28 31 23 00-0382	EA		Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG)	408.46	21.53
28 31 23 00-0383	EA		Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR)	408.46	21.53
28 31 23 00-0384	EA		Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP)	94.61	10.76
28 31 23 00-0385	EA		Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	54.41	10.76
28 31 23 00-0386			Audio Notification Accessories (28 31 23 00-0360)		
28 31 23 00-0387	EA		Audio Matching - Line Input/Output Card (GE ANSAUX)	174.60	21.53
28 31 23 00-0388	EA		Class B Backup Amplifier Switching Module (GE ANSBKUP)	174.60	21.53
28 31 23 00-0389	EA		Class A Backup Amplifier Switching Module (GE ANSBKUPA)	174.60	21.53
28 31 23 00-0390	EA		Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANRSI8)	371.92	21.53
28 31 23 00-0391			Audio Notification Modules, Without Cabinet And Transformer (28 31 23 00-0360)		
28 31 23 00-0392	EA		100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A)	1,335.79	43.05
			Note: Excludes cabinet.		
28 31 23 00-0393	EA		100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM)	1,401.56	43.05
			Note: Excludes cabinet.		
28 31 23 00-0394	EA		100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD)	1,927.75	43.05
			Note: Excludes cabinet.		
28 31 23 00-0395	EA		25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A)	743.83	43.05
			Note: Excludes cabinet.		
28 31 23 00-0396	EA		25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM)	743.83	43.05
			Note: Excludes cabinet.		
28 31 23 00-0397	EA		25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD)	1,335.79	43.05
28 31 23 00-0398	EA		50W Expander Module (No Microphone Or DMR) (GE ANS50A)	1,072.70	43.05
			Note: Excludes cabinet.		
28 31 23 00-0399	EA		50W Expander Module With Microphone (No DMR) (GE ANS50AM)	1,138.47	43.05
			Note: Excludes cabinet.		
28 31 23 00-0400	EA		50W Audio Notification Module With DMR And Microphone (GE ANS50AMD)	1,664.66	43.05
			Note: Excludes cabinet.		
28 31 23 00-0401	EA		Power Transformer, Open Frame, 28 VAC @ 180 VA (EVAX 50/100) (GE ANST28180)	87.30	10.76

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31	23 00-0402	EA	Power Transformer, Open Frame, 28 VAC @ 100 VA (EVAX 25) (GE ANST2885).....	66.14	10.76
28 31	23 00-0403		Simplex Fire Alarm (28 31 23)		
28 31	23 00-0404		4100 Fire Alarm Control Panel (28 31 23 00-0403)		
28 31	23 00-0405	EA	4100U Master Controller Assembly With LCD And Operator Interface, 9 Amp System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 VAC Input (Simplex 4100-9111)	3,935.62	429.85
28 31	23 00-0406	EA	4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amp System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 VAC Input (Simplex 4100-9141)	4,253.09	429.85
28 31	23 00-0407	EA	4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	5,915.84	429.85
28 31	23 00-0408	EA	IDNet Module, Up To 127 Points (Simplex 4100-3104)	2,688.02	429.85
			Note: Add-on module.		
28 31	23 00-0409	EA	IDNet Module, Up To 64 Points (Simplex 4100-3105)	2,203.86	429.85
			Note: Add-on module.		
28 31	23 00-0410	EA	Expansion Power Supply, 3 NACs, 120 VAC (Simplex 4100-5101)	1,165.05	107.46
			Note: Add-on module.		
28 31	23 00-0411	EA	Alarm Relay, 3 Form C Relays, 2 Amp @ 32 VDC, For SPS Or RPS (Simplex 4100-6033)	243.18	21.50
			Note: Add-on module.		
28 31	23 00-0412	EA	Dual Port RS-232 Interface Card (Simplex 4100-6038)	676.40	21.50
			Note: Add-on module.		
28 31	23 00-0413		4100U Backbox (28 31 23 00-0403)		
28 31	23 00-0414	EA	2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425)	1,199.18	85.97
			Note: 24" x 40" beige backbox.		
28 31	23 00-0415	EA	3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443)	1,670.21	85.97
			Note: 24" x 56" beige backbox.		
28 31	23 00-0416		DACT (Digital Alarm Communicator Transmitter) (28 31 23 00-0403)		
28 31	23 00-0417	EA	6 Zone Fire Control Communicator (Silent Knight SK-5104)	654.41	42.98
28 31	23 00-0418		4010 Fire Alarm Control Panel (28 31 23 00-0403)		
28 31	23 00-0419	EA	120 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101)	3,740.99	429.85
28 31	23 00-0420	EA	240 VAC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201)	3,773.08	429.85
28 31	23 00-0421	EA	Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806)	136.50	21.50
28 31	23 00-0422	EA	Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811)	561.90	21.50
28 31	23 00-0423	EA	Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	769.11	21.50
28 31	23 00-0424	EA	120 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9813)	399.63	21.50
28 31	23 00-0425	EA	240 VAC, 4 Amp Expansion Power Supply Expansion Module (Simplex 4010-9823)	431.71	21.50
28 31	23 00-0426	EA	Battery Meter Module Expansion Module (Simplex 4010-9820)	167.67	21.50
28 31	23 00-0427		Printer (28 31 23 00-0403)		
28 31	23 00-0428	EA	24 Pin Dot Matrix Printer (Simplex 4190-9013)	1,158.55	21.50
28 31	23 00-0429		NAC Panel / Power Booster (28 31 23 00-0403)		
28 31	23 00-0430	EA	IDNet NAC Extender With 4, Class B (Style Y) NACs and 8 Amp Power Supply, 120 VAC (Simplex 4009-9201)	798.24	107.46
			Note: Power supply for horns and strobes.		
28 31	23 00-0431		Battery (28 31 23 00-0403)		
28 31	23 00-0432	EA	50 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9296)	475.21	21.50
			Note: Two required for 24 volt DC.		
28 31	23 00-0433	EA	33 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9276)	319.45	21.50
			Note: Two required for 24 volt DC.		
28 31	23 00-0434	EA	6.2 Amp Hours Sealed Lead Acid Battery (Simplex 2081-9272)	122.16	21.50
			Note: Two required for 24 volt DC.		
28 31	23 00-0435		Interface Modules (28 31 23 00-0403)		
28 31	23 00-0436	EA	Supervised Individual Addressable Modules (Simplex 4090-9001)	100.75	21.50
			Note: Monitor modules for waterflow/tamper, etc.		
28 31	23 00-0437	EA	Relay Individual Addressable Modules (Simplex 4090-9002)	196.90	21.50
			Note: Control modules for gas shutdown, door holders, etc.		
28 31	23 00-0438	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032)	55.46	21.50
			Note: Interface relay for 120VAC		
28 31	23 00-0439	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	101.81	21.50
28 31	23 00-0440	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817)	45.92	10.74
28 31	23 00-0441	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	43.89	10.74
28 31	23 00-0442		Pull Stations (28 31 23 00-0403)		
28 31	23 00-0443	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	121.38	21.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0444	EA		N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101).....	89.81	21.50
28 31 23 00-0445	EA		N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102).....	95.91	21.50
28 31 23 00-0446	EA		Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103).....	87.06	21.50
28 31 23 00-0447	EA		N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104).....	99.98	21.50
28 31 23 00-0448	EA		N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105).....	146.44	21.50
28 31 23 00-0449	EA		Pre-Signal, N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107).....	124.41	21.50
28 31 23 00-0450	EA		Pre-Signal, N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108).....	144.77	21.50
28 31 23 00-0451	EA		Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754).....	72.84	21.50
28 31 23 00-0452	EA		Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755).....	76.57	21.50
28 31 23 00-0453	EA		Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756).....	88.56	21.50
28 31 23 00-0454	EA		N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758).....	132.17	21.50
28 31 23 00-0455	EA		Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759).....	221.35	21.50
28 31 23 00-0456	EA		Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762).....	79.63	21.50
28 31 23 00-0457	EA		Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	47.97	10.74
28 31 23 00-0458			Weatherproof Pull Stations (28 31 23 00-0403)		
28 31 23 00-0459	EA		Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138).....	120.81	25.80
28 31 23 00-0460	EA		Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211).....	75.02	10.74
28 31 23 00-0461			Heat / Smoke Sensor (28 31 23 00-0403)		
28 31 23 00-0462	EA		32 To 122 Degree F Heat Sensor (Simplex 4098-9733).....	124.45	32.24
28 31 23 00-0463	EA		Photoelectric Smoke Sensor (Simplex 4098-9714).....	174.42	32.24
28 31 23 00-0464	EA		Sensor Base With Relay Driver (Simplex 4098-9791).....	315.63	10.74
28 31 23 00-0465	EA		Standard Sensor Base (Simplex 4098-9792).....	162.87	10.74
28 31 23 00-0466	EA		Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737).....	101.13	21.50
			Note: Relay for 4098-9791		
28 31 23 00-0467			Explosion Proof Heat Detector (28 31 23 00-0403)		
28 31 23 00-0468	EA		135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488).....	130.84	32.24
28 31 23 00-0469	EA		Explosion Proof Backbox (Killark JLX-21).....	80.55	10.74
28 31 23 00-0470	EA		Explosion Proof Backbox Plugs (Killark CUP-2).....	7.91	2.14
28 31 23 00-0471			Weatherproof Heat Detector (28 31 23 00-0403)		
28 31 23 00-0472	EA		194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490).....	98.73	32.24
28 31 23 00-0473			200 Degree F Heat Detector (28 31 23 00-0403)		
28 31 23 00-0474	EA		194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604).....	84.38	32.24
			Note: Used in kiln rooms and kitchens.		
28 31 23 00-0475			Duct Smoke Sensor (28 31 23 00-0403)		
28 31 23 00-0476	EA		Duct Sensor Housing (Simplex 4098-9755).....	259.16	17.20
28 31 23 00-0477	EA		Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756).....	356.77	38.68
			Note: Relay output for AHU shutdown.		
28 31 23 00-0478	EA		46" To 71" Duct Sampling Tube (Simplex 2098-9798).....	42.73	10.74
			Note: 25", 49", 73" or 97" sampling tube length.		
28 31 23 00-0479	EA		Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806).....	104.79	32.24
28 31 23 00-0480			Interior Horn (28 31 23 00-0403)		
28 31 23 00-0481	EA		Red With White "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850).....	98.11	32.24
28 31 23 00-0482	EA		White With Red "FIRE" Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853).....	98.11	32.24
28 31 23 00-0483			Interior Horn Strobe (28 31 23 00-0403)		
28 31 23 00-0484	EA		Wall Mounted Horn Strobe, 75Cd, Red (Simplex 4903-9426).....	129.86	32.24
28 31 23 00-0485	EA		Wall Mounted Horn Strobe, 110Cd, Red (Simplex 4903-9427).....	129.86	32.24
28 31 23 00-0486	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127).....	122.62	32.24
28 31 23 00-0487	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128).....	122.62	32.24
28 31 23 00-0488	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129).....	122.62	32.24
28 31 23 00-0489	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130).....	122.62	32.24
28 31 23 00-0490	EA		Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131).....	125.05	32.24
28 31 23 00-0491	EA		Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132).....	125.05	32.24
28 31 23 00-0492	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139).....	129.32	32.24
28 31 23 00-0493	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140).....	127.35	32.24
28 31 23 00-0494	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141).....	129.32	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0495	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142).....	127.35	32.24
28 31 23 00-0496	EA		Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227).....	122.62	32.24
28 31 23 00-0497	EA		Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228).....	122.62	32.24
28 31 23 00-0498	EA		Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229).....	122.62	32.24
28 31 23 00-0499	EA		Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230).....	122.62	32.24
28 31 23 00-0500			Interior Strobe (28 31 23 00-0403)		
28 31 23 00-0501	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101).....	107.23	32.24
28 31 23 00-0502	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102).....	107.23	32.24
28 31 23 00-0503	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103).....	107.20	32.24
28 31 23 00-0504	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104).....	107.23	32.24
28 31 23 00-0505	EA		Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105).....	116.43	32.24
28 31 23 00-0506	EA		Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106).....	116.43	32.24
28 31 23 00-0507	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109).....	117.02	32.24
28 31 23 00-0508	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110).....	118.63	32.24
28 31 23 00-0509	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111).....	118.63	32.24
28 31 23 00-0510	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112).....	118.63	32.24
28 31 23 00-0511	EA		Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201).....	107.23	32.24
28 31 23 00-0512	EA		Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202).....	107.23	32.24
28 31 23 00-0513	EA		Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203).....	107.23	32.24
28 31 23 00-0514	EA		Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204).....	107.23	32.24
28 31 23 00-0515			Interior Speakers (28 31 23 00-0403)		
28 31 23 00-0516	EA		Red With White "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716).....	90.32	32.24
28 31 23 00-0517	EA		White With Red "FIRE" Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717).....	90.32	32.24
28 31 23 00-0518	EA		Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721).....	90.32	32.24
28 31 23 00-0519			Interior Speaker Strobe (28 31 23 00-0403)		
28 31 23 00-0520	EA		Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151).....	137.04	32.24
28 31 23 00-0521	EA		White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153).....	137.04	32.24
28 31 23 00-0522			Surge Suppressors (28 31 23 00-0403)		
28 31 23 00-0523	EA		Overvoltage Suppressor (Simplex 2081-9044).....	81.43	6.44
28 31 23 00-0524	EA		Isolated Loop Circuit Protector (Simplex 2081-9028).....	53.23	6.44
28 31 23 00-0525	EA		120 VAC, 20 Amp Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A).....	170.76	6.44
28 31 23 00-0526	EA		24 VAC Data And Loop Circuit Surge Protector (Ditek DTK-2MHLP24B).....	60.50	6.44
28 31 23 00-0527	EA		Mounting Base For Two DTK-2MHLP (Ditek DTK-2MB).....	91.66	10.74
28 31 23 00-0528	EA		120 VAC, 22,500 Amp, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW).....	65.21	6.44
28 31 23 00-0529	EA		<105 VAC, 9,000 Amp, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP).....	49.71	6.44
28 31 23 00-0530			Boxes And Adapters (28 31 23 00-0403)		
28 31 23 00-0531	EA		Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921).....	43.89	10.74
28 31 23 00-0532	EA		Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925).....	41.86	10.74
28 31 23 00-0533	EA		Red, Surface Mount Adapter Skirt (Simplex 4905-9937).....	37.86	10.74
28 31 23 00-0534	EA		White, Surface Mount Adapter Skirt (Simplex 4905-9940).....	32.20	10.74
28 31 23 00-0535			Accessories (28 31 23 00-0403)		
28 31 23 00-0536	EA		End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008).....	23.87	10.74
28 31 23 00-0537			Siemens Fire Alarm (28 31 23)		
28 31 23 00-0538			Conventional Control Panels (28 31 23 00-0537)		
28 31 23 00-0539			SXL Batteries And Power Supplies (28 31 23 00-0538)		
28 31 23 00-0540	EA		6 Amp Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3).....	682.31	42.98
28 31 23 00-0541	EA		Main Board Only For PAD-3 (Siemens PAD-3-MB).....	553.69	42.98

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

28 31 23 00-0542 Digital Fire Communicators (28 31 23 00-0538)					
28 31 23 00-0543	EA		Four Channel Digital Slave Fire Communicator (Siemens 5129).....	536.74	42.98
28 31 23 00-0544 Addressable Control Panels (28 31 23 00-0537)					
28 31 23 00-0545 Fireseeker Equipment (28 31 23 00-0544)					
28 31 23 00-0546 FS-250 System Panels (28 31 23 00-0545)					
28 31 23 00-0547	EA		FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT).....	1,804.48	429.85
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.					
28 31 23 00-0548	EA		FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT).....	2,197.37	429.85
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.					
28 31 23 00-0549	EA		FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT).....	1,354.25	343.88
Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.					
28 31 23 00-0550	EA		Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON).....	1,806.82	429.85
28 31 23 00-0551 FS-250 Optional Modules (28 31 23 00-0545)					
28 31 23 00-0552	EA		Main Board Module (Siemens FS-MB2).....	686.99	42.98
28 31 23 00-0553	EA		Display Board Module (Siemens FS-DB2).....	529.41	21.50
28 31 23 00-0554	EA		Device Loop Card (Siemens FS-DLC).....	435.86	21.50
28 31 23 00-0555	EA		Releasing Module (Siemens FS-REL).....	199.67	21.50
28 31 23 00-0556	EA		Remote LCD Annunciator (Siemens FS-RD2).....	432.94	21.50
28 31 23 00-0557	EA		Relay Processor Card (Siemens FS-RU2).....	377.40	21.50
28 31 23 00-0558	EA		Relay Expander Board (Siemens FS-RE8).....	323.61	21.50
28 31 23 00-0559	EA		Serial Annunciator Processor Card (Siemens FS-SAU2).....	432.94	21.50
28 31 23 00-0560	EA		16 Output Annunciator Extender (Siemens FS-SAE16).....	339.98	21.50
28 31 23 00-0561	EA		Digital Alarm Communication Transmitter (Siemens FS-DACT).....	310.17	21.50
28 31 23 00-0562	EA		Municipal Tie Module (Siemens FS-MT).....	265.15	21.50
28 31 23 00-0563	EA		Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2).....	253.76	
28 31 23 00-0564	EA		Programming Cable Kit (Siemens CBL-UD).....	66.52	10.74
28 31 23 00-0565	EA		Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE).....	120.74	21.50
28 31 23 00-0566	EA		Releasing Power Transformer (Siemens FS-RPT-A).....	122.49	21.50
28 31 23 00-0567	EA		Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB).....	134.94	17.20
28 31 23 00-0568	EA		Cabinet Trim Kit (Siemens RD-CAB-TK).....	210.93	10.74
28 31 23 00-0569 Firefinder Systems (28 31 23 00-0544)					
28 31 23 00-0570 XLS Basic Fire System Packages Without Backbox (28 31 23 00-0569)					
28 31 23 00-0571	EA		500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP).....	6,018.32	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.					
28 31 23 00-0572	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP).....	5,350.65	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.					
28 31 23 00-0573	EA		250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP).....	5,350.65	429.85
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.					
28 31 23 00-0574	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD).....	8,669.12	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.					
28 31 23 00-0575	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD).....	8,946.25	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.					
28 31 23 00-0576	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP).....	5,283.42	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.					
28 31 23 00-0577	EA		250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP).....	5,283.42	429.85
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.					
28 31 23 00-0578	EA		250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP).....	6,064.51	429.85
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.					
28 31 23 00-0579 Firefinder - XLS Basic System Equipment (28 31 23 00-0569)					

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR		TOTAL DIRECT	DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 31 23 00-0580	EA	Person Machine Interface With Central Processor (Siemens PMI).....	2,808.33	429.85
		Note: Includes inner door.		
28 31 23 00-0581	EA	Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC)	4,533.63	429.85
		Note: Includes inner door.		
28 31 23 00-0582	EA	Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT)	2,808.33	429.85
		Note: Includes inner door.		
28 31 23 00-0583	EA	Two Slot Card Cage (Siemens CC-2).....	332.97	21.50
28 31 23 00-0584	EA	Five Slot Card Cage (Siemens CC-5).....	555.72	21.50
28 31 23 00-0585	EA	Four Circuit Zone Indicating Card (Siemens ZIC-4A).....	789.58	21.50
28 31 23 00-0586	EA	Eight Circuit Zone Indicating Card (Siemens ZIC-8B).....	824.07	21.50
28 31 23 00-0587	EA	Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C).....	267.49	21.50
28 31 23 00-0588	EA	Device Loop Card (Siemens DLC).....	933.99	21.50
		Note: Interfaces with up to 252 detectors and devices.		
28 31 23 00-0589	EA	Controllable Relay Card (Siemens CRC-6).....	533.50	21.50
		Note: Provides six programmable relays.		
28 31 23 00-0590	EA	12 Amp Power Supply Charger Module (Siemens PSC-12).....	1,991.62	21.50
28 31 23 00-0591	EA	Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI)	3,588.25	429.85
		Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.		
28 31 23 00-0592	EA	Network Interface Card (Siemens NIC-C).....	622.37	21.50
		Note: Provides HNET Or XNET communication between enclosures.		
28 31 23 00-0593	EA	12 Amp Power Supply Extender (Siemens PSX-12).....	1,658.37	21.50
		Note: Extends PSC-12 with an additional 24 volt DC.		
28 31 23 00-0594	EA	Power Termination Board (Siemens PTB)	288.53	21.50
		Note: Used with systems requiring more than one PSX-12.		
28 31 23 00-0595	EA	Conventional Detector Card (Siemens CDC-4).....	600.15	21.50
28 31 23 00-0596	EA	Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS).....	1,165.51	21.50
28 31 23 00-0597	EA	Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS)	4,163.59	21.50
28 31 23 00-0598		Remote Lobby Enclosure (28 31 23 00-0599)		
28 31 23 00-0599	EA	14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2).....	807.45	85.97
		Note: Flush mounted. Includes clear lens plate on cover.		
28 31 23 00-0600	EA	24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4)	1,029.62	85.97
		Note: Flush mounted. Includes clear lens plate on cover.		
28 31 23 00-0601	EA	Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP).....	132.43	21.50
		Note: Required to mount up to four SIM-16 or OCM-16 modules.		
28 31 23 00-0602	EA	Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP).....	143.54	21.50
		Note: Required to mount up to eight SIM-16 or OCM-16 modules.		
28 31 23 00-0603		Battery Enclosures (28 31 23 00-0604)		
28 31 23 00-0604	EA	Enclosure For 100 Amp Hours Batteries (Siemens CAB-BATT).....	517.47	85.97
28 31 23 00-0605		Graphic Annunciator Output Drivers And Inputs (28 31 23 00-0607)		
28 31 23 00-0606	EA	Output Control Module (Siemens OCM-16)	388.51	21.50
28 31 23 00-0607	EA	Supervised Input Module (Siemens SIM-16)	388.51	21.50
28 31 23 00-0608		Remote LCD Displays (28 31 23 00-0609)		
28 31 23 00-0609	EA	Remote LED/LCD System Status Display (Siemens SSD).....	908.30	64.48
		Note: No control or menu capability.		
28 31 23 00-0610	EA	Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C).....	1,019.97	64.48
28 31 23 00-0611		Voice Equipment (28 31 23 00-0615)		
28 31 23 00-0612	EA	40W Zone Amplifier Card (Siemens ZAC-40).....	880.20	21.50
28 31 23 00-0613	EA	180W Zone Amplifier Module (Siemens ZAM-180).....	1,936.66	21.50
28 31 23 00-0614	EA	Live Voice Module (Siemens LVM)	822.32	21.50
		Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.		
28 31 23 00-0615		MXL Series Equipment (28 31 23 00-0615)		
28 31 23 00-0616		MXL Optional Equipment (28 31 23 00-0615)		
28 31 23 00-0617	EA	Two Circuit Analog Loop Driver (Siemens ALD-21).....	958.27	42.98
28 31 23 00-0618	EA	CXL/MXL Interface Module (Siemens CMI-300).....	2,428.35	21.50
28 31 23 00-0619	EA	Four Relay Programmable Relay Module (Siemens CRM-4)	426.51	21.50
28 31 23 00-0620	EA	Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4)	512.45	21.50
28 31 23 00-0621	EA	Remote Conventional Zone Module (Siemens CZM-1B6).....	200.25	21.50
28 31 23 00-0622	EA	Short Circuit Line Isolator Module (Siemens Model LIM-1).....	128.34	21.50
28 31 23 00-0623	EA	Four Circuit Conventional Zone Module (Siemens CZM-4)	499.01	21.50
28 31 23 00-0624	EA	12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD)	193.10	32.24
28 31 23 00-0625	EA	Lexan Window For RCC (Siemens GENBOX-WD).....	128.51	17.20
28 31 23 00-0626	EA	Input Driver Module (Siemens MID-16).....	331.21	21.50
28 31 23 00-0627	EA	Programmable Output Driver Module (Siemens MOD-16).....	331.21	21.50
28 31 23 00-0628	EA	MXL Output/Input Module (Siemens MOI-7).....	522.98	21.50
28 31 23 00-0629	EA	Two Slot Network Option Module Card Cage (Siemens MOM-2)	283.86	21.50
28 31 23 00-0630	EA	Four Slot Network Option Module Card Cage (Siemens MOM-4).....	439.96	21.50
28 31 23 00-0631	EA	12 Amp, 220 VAC Power Supply For MXL (Siemens MPS-12/220)	1,088.37	64.48
28 31 23 00-0632	EA	12 Amp, 240 VAC Power Supply For MXL (Siemens MPS-12/240)	1,088.37	64.48
28 31 23 00-0633	EA	Network Interface Module (Siemens NIM-1W).....	774.38	21.50
28 31 23 00-0634	EA	U.L. Listed Parallel Printer (Siemens PAL-1).....	2,042.82	85.97
28 31 23 00-0635	EA	Peripheral Interface Module, Model PIM-1 (Siemens 500-691324)	235.33	21.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0636	EA		Surface Mounted Remote Command Center (Siemens RCC-1).....	2,417.78	429.85
28 31 23 00-0637	EA		Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	292.35	42.98
28 31 23 00-0638	EA		Flush Mounted Remote Command Center (Siemens RCC-1F).....	2,417.78	429.85
28 31 23 00-0639	EA		Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	299.37	42.98
28 31 23 00-0640	EA		Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	1,912.06	429.85
28 31 23 00-0641	EA		MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	2,747.52	429.85
28 31 23 00-0642	EA		RCC-2/RSE-1 Trim Ring (Siemens RCF-1).....	47.81	10.74
28 31 23 00-0643	EA		Remote Diagnostics Module For MXL (Siemens RDM-MXL).....	3,126.15	42.98
28 31 23 00-0644	EA		Remote Diagnostics Module For PC (Siemens RDM-PC).....	6,632.30	42.98
28 31 23 00-0645	EA		Releasing End Of Line Module (Siemens REL-EOL).....	106.71	21.50
28 31 23 00-0646	EA		36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC).....	2,001.87	42.98
28 31 23 00-0647	EA		36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	1,912.42	42.98
28 31 23 00-0648	EA		8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	1,049.50	85.97
28 31 23 00-0649			Complete MXL And MXLV System Packages Without Enclosure (28 31 23 00-0615)		
28 31 23 00-0650	EA		MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP)..... Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	7,710.88	429.85
28 31 23 00-0651	EA		MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP)..... Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	9,902.15	429.85
28 31 23 00-0652	EA		MXLV Demonstration Panel (Siemens MXLV DEMO).....	20,135.87	429.85
28 31 23 00-0653			MXL Basic System (28 31 23 00-0615)		
28 31 23 00-0654	EA		MXL/MXLV Main Control Board (Siemens MMB-3).....	4,953.67	429.85
28 31 23 00-0655	EA		MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL)..... Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	6,262.71	429.85
28 31 23 00-0656	EA		MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	1,692.00	42.98
28 31 23 00-0657	EA		MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	2,114.12	42.98
28 31 23 00-0658	EA		6 Amp Power Supply For MXL (Siemens MPS-6).....	760.38	64.48
28 31 23 00-0659	EA		220/240 VAC Adapter Cable (Siemens CIA-12).....	59.50	10.74
28 31 23 00-0660			MXL/MXLV System Expansion Accessories (28 31 23 00-0615)		
28 31 23 00-0661	EA		MXL Remote Power Supply Module (Siemens PSR-1).....	925.84	64.48
28 31 23 00-0662	EA		Style 4 Communication Module (Siemens NET-4).....	194.40	21.50
28 31 23 00-0663	EA		Style 7 Communication Module (Siemens NET-7).....	344.66	21.50
28 31 23 00-0664	EA		MXL/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	211.36	21.50
28 31 23 00-0665			Peripheral Devices (28 31 23 00-0544)		
28 31 23 00-0666			Thermal Detectors (28 31 23 00-0665)		
28 31 23 00-0667	EA		Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	93.13	32.24
28 31 23 00-0668	EA		Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	93.13	32.24
28 31 23 00-0669	EA		135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	93.13	32.24
28 31 23 00-0670	EA		200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	93.13	32.24
28 31 23 00-0671	EA		Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	136.98	32.24
28 31 23 00-0672	EA		Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	136.98	32.24
28 31 23 00-0673	EA		Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP).....	314.13	32.24
28 31 23 00-0674			Beam Smoke Detector (28 31 23 00-0665)		
28 31 23 00-0675	EA		Linear Beam Smoke Detector (Siemens PBA-1191).....	1,437.16	32.24
28 31 23 00-0676	EA		Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	166.49	10.74
28 31 23 00-0677	EA		20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192).....	168.25	10.74
28 31 23 00-0678	EA		10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193).....	88.73	10.74
28 31 23 00-0679			Bases For Detectors (28 31 23 00-0665)		
28 31 23 00-0680	EA		Detector Base (Siemens DB-11).....	30.27	10.74
28 31 23 00-0681	EA		Universal Base (Siemens DB-3S).....	28.52	10.74
28 31 23 00-0682			Manual Stations (28 31 23 00-0665)		
28 31 23 00-0683	EA		Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP).....	191.31	25.80
28 31 23 00-0684			Addressable Devices (28 31 23 00-0544)		
28 31 23 00-0685			Intelligent Detectors And Devices For Firefinder XLS And FS-250 (28 31 23 00-0684)		
28 31 23 00-0686	EA		Addressable Fireprint Fire Detector (Siemens HFP-11).....	165.04	32.24
28 31 23 00-0687	EA		Addressable Thermal Fire Detector (Siemens HFPT-11).....	144.58	32.24
28 31 23 00-0688	EA		Relay Base For H-Series Intelligent Detectors (Siemens DB-HR).....	120.61	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0689	EA		Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	86.11	32.24
28 31 23 00-0690	EA		Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	86.11	32.24
28 31 23 00-0691	EA		Addressable Single Action Manual Pull Station (Siemens HMS-S)	166.34	21.50
28 31 23 00-0692	EA		Addressable Double Action Manual Pull Station (Siemens HMS-D)	159.33	21.50
28 31 23 00-0693	EA		Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S)	128.34	21.50
28 31 23 00-0694	EA		Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D)	154.65	21.50
28 31 23 00-0695	EA		Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R)	154.65	21.50
28 31 23 00-0696	EA		Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M)	119.57	21.50
28 31 23 00-0697	EA		Line Isolator Module (Siemens HLIM)	123.08	21.50
28 31 23 00-0698	EA		Remote Convention Zone Module (Siemens HZM)	176.86	21.50
28 31 23 00-0699	EA		Intelligent Control Point Module (Siemens HCP)	221.30	21.50
28 31 23 00-0700	EA		Handheld Programming And Testing Unit (Siemens DPU)	933.55	
28 31 23 00-0701	EA		DPU Carrying Case (Siemens DPU-C1)	146.20	
28 31 23 00-0702	EA		Label Printer And Carrying Case (Siemens DPU-PRT)	1,600.49	21.50
28 31 23 00-0703			Air Duct Housings And Detectors (28 31 23 00-0684)		
28 31 23 00-0704	EA		Air-Duct Housing (Siemens AD2-P)	178.79	17.20
28 31 23 00-0705	EA		Air-Duct Housing With Relay (Siemens AD2-XHR)	201.01	17.20
28 31 23 00-0706	EA		Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	165.17	21.50
28 31 23 00-0707	EA		6" To 1' Duct Sampling Tube (Siemens ST-10)	24.59	6.44
28 31 23 00-0708	EA		>1' To 3' Duct Sampling Tube (Siemens ST-25)	30.65	8.60
28 31 23 00-0709	EA		>3' To 5' Duct Sampling Tube (Siemens ST-50)	38.45	10.74
28 31 23 00-0710	EA		>5' To 10' Duct Sampling Tube (Siemens ST-100)	45.09	12.90
28 31 23 00-0711			Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 31 23 00-0684)		
28 31 23 00-0712	EA		Addressable Fireprint Fire Detector (Siemens FP-11)	171.47	32.24
28 31 23 00-0713	EA		Addressable Thermal Fire Detector (Siemens FPT-11)	149.84	32.24
28 31 23 00-0714	EA		Intelligent Ionization Smoke Detector (Siemens ILI-1)	187.84	32.24
28 31 23 00-0715	EA		Addressable Single Action Manual Pull Station (Siemens MSI-10B)	162.25	21.50
28 31 23 00-0716	EA		Addressable Double Action Manual Pull Station (Siemens MSI-20B)	178.03	21.50
28 31 23 00-0717	EA		Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S)	164.00	21.50
28 31 23 00-0718	EA		Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D)	180.37	21.50
28 31 23 00-0719	EA		Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R)	180.37	21.50
28 31 23 00-0720			Detector Universal Bases (28 31 23 00-0684)		
28 31 23 00-0721	EA		Detector Base With Relay (Siemens DB-X11RS)	77.04	10.74
28 31 23 00-0722	EA		PE-11 To DB-3 Base Adapter (Siemens DB-ADPT)	41.96	10.74
28 31 23 00-0723	EA		Locking Kit (Siemens LK-11)	9.07	
28 31 23 00-0724	EA		Detector Base With Relay (Siemens DB-X3RS)	77.04	10.74
28 31 23 00-0725	EA		Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11)	88.73	10.74
28 31 23 00-0726	EA		Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX)	40.21	10.74
28 31 23 00-0727	EA		Flush Trim Ring For Bases (Siemens RA-ADB)	19.92	6.44
28 31 23 00-0728	EA		Seal For DB-11 (Siemens DB11-SEAL)	10.48	
28 31 23 00-0729	EA		Gasket For DB-11 (Siemens DB-SEAL)	11.25	
28 31 23 00-0730	EA		Detector Guard Housing (Siemens DGH-11)	110.37	10.74
28 31 23 00-0731	EA		Small Detector Base (Siemens DB-11E)	32.61	10.74
28 31 23 00-0732	EA		Audible Base For Series 3 (Siemens ADBI-60A)	99.26	10.74
28 31 23 00-0733	EA		Base Plug (Siemens DB-11-DP)	9.04	
28 31 23 00-0734			Air Duct Smoke Detectors (28 31 23 00-0684)		
28 31 23 00-0735	EA		Intelligent Remote Duct Relay Module (Siemens DA-X3SR)	90.34	21.50
28 31 23 00-0736	EA		Weatherproof Enclosure For Duct Housing (Siemens EAD-3)	421.25	21.50
28 31 23 00-0737			Notification Devices (28 31 23 00-0544)		
28 31 23 00-0738			Synchronization Control Devices (28 31 23 00-0737)		
28 31 23 00-0739	EA		Dual Synchronization Control Module (Siemens DSC)	128.34	21.50
28 31 23 00-0740			Stand Alone Strobes (28 31 23 00-0737)		
28 31 23 00-0741	EA		Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R)	114.18	32.24
28 31 23 00-0742	EA		Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R)	122.94	32.24
28 31 23 00-0743	EA		Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR)	114.18	32.24
28 31 23 00-0744	EA		Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR)	122.94	32.24
28 31 23 00-0745	EA		Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW)	122.94	32.24
28 31 23 00-0746	EA		Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW)	114.18	32.24
28 31 23 00-0747	EA		Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R)	129.38	32.24
28 31 23 00-0748	EA		Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP)	124.70	32.24
28 31 23 00-0749	EA		Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP)	124.70	32.24
28 31 23 00-0750	EA		Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP)	132.30	32.24
28 31 23 00-0751	EA		Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP)	132.30	32.24
28 31 23 00-0752			Horns And Strobes (28 31 23 00-0737)		
28 31 23 00-0753	EA		Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R)	148.67	32.24
28 31 23 00-0754	EA		Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R)	156.27	32.24
28 31 23 00-0755	EA		Wall Mounted Horn (Siemens SE-R)	93.13	32.24
28 31 23 00-0756	EA		Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR)	148.67	32.24
28 31 23 00-0757	EA		Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR)	156.27	32.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0758	EA		Ceiling Mounted Horn (Siemens SEC-R).....	96.64	32.24
28 31 23 00-0759	EA		Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R).....	148.67	32.24
28 31 23 00-0760	EA		Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R).....	156.27	32.24
28 31 23 00-0761	EA		Wall Mounted Low Profile Horn (Siemens SEF-R).....	93.13	32.24
28 31 23 00-0762	EA		Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW).....	148.67	32.24
28 31 23 00-0763	EA		Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	156.27	32.24
28 31 23 00-0764	EA		Ceiling Mounted Low Profile Horn (Siemens SEF-CR).....	96.64	32.24
28 31 23 00-0765	EA		Mini Horn (Siemens MH-R).....	80.27	32.24
28 31 23 00-0766	EA		Indoor/Outdoor Multi Tone Horn (Siemens MTH-R).....	97.81	32.24
28 31 23 00-0767	EA		Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R).....	141.07	32.24
28 31 23 00-0768	EA		Industrial Tri-Tone Horn (Siemens ASR).....	371.42	32.24
28 31 23 00-0769	EA		Wall Mounted Horn (Siemens HS-R).....	97.81	32.24
28 31 23 00-0770	EA		Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	141.65	32.24
28 31 23 00-0771	EA		Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	151.01	32.24
28 31 23 00-0772	EA		6" Motor Bell (Siemens MBDC-6).....	109.50	32.24
28 31 23 00-0773	EA		10" Motor Bell (Siemens MBDC-10).....	118.27	32.24
28 31 23 00-0774 Mounting Accessories (28 31 23 00-0737)					
28 31 23 00-0775	EA		Concealed Conduit Adapter Plate (Siemens APS-R).....	28.52	10.74
28 31 23 00-0776	EA		4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	28.52	10.74
28 31 23 00-0777	EA		4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	29.10	10.74
28 31 23 00-0778	EA		Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX).....	43.13	10.74
28 31 23 00-0779	EA		White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W).....	35.53	10.74
28 31 23 00-0780	EA		Surface Mounted Speaker Backbox (Siemens SBBS-R).....	37.29	10.74
28 31 23 00-0781	EA		Surface Mounted Speaker Backbox (Siemens SBL2S-R).....	39.62	10.74
28 31 23 00-0782	EA		Square Semi-Flush Extension Ring (Siemens SERS-R).....	32.61	10.74
28 31 23 00-0783	EA		Semi-Flush Plate (Siemens SFPS-R).....	27.93	10.74
28 31 23 00-0784	EA		Square Surface Backbox (Siemens SHBBS-R).....	32.61	10.74
28 31 23 00-0785	EA		Horn Adapter Plate (Siemens SHMPS-R).....	31.44	10.74
28 31 23 00-0786	EA		Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	28.52	10.74
28 31 23 00-0787	EA		Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R).....	35.53	10.74
28 31 23 00-0788	EA		Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R).....	37.29	10.74
28 31 23 00-0789	EA		Weatherproof Speaker Backbox (Siemens WBBS-R).....	36.12	10.74
28 31 23 00-0790	EA		Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B).....	39.62	10.74
28 31 23 00-0791	EA		Weatherproof Flush Plate (Siemens WFPAS-R).....	39.62	10.74
28 31 23 00-0792	EA		Weatherproof Horn Flush Plate (Siemens WFPS-R).....	39.62	10.74
28 31 23 00-0793	EA		Weatherproof Horn Backbox (Siemens WPBBS-R).....	37.29	10.74
28 31 23 00-0794	EA		Weatherproof Strobe Backbox (Siemens WPSBBS-R).....	37.29	10.74
28 31 23 00-0795	EA		Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	28.52	10.74
28 31 23 00-0796	EA		Z Series Backbox (Siemens ZBB-R).....	31.44	10.74
28 31 23 00-0797 Door Holders (28 31 23 00-0737)					
28 31 23 00-0798	EA		120 VAC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	215.32	32.24
28 31 23 00-0799	EA		24 VDC Concealed Wiring Fire Door Holder (Siemens SDH-2D).....	215.32	32.24
28 31 23 00-0800 Voice Equipment (28 31 23 00-0544)					
28 31 23 00-0801 Voicecom (28 31 23 00-0800)					
28 31 23 00-0802	EA		Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM).....	3,265.52	429.85
28 31 23 00-0803	EA		Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L).....	5,048.71	429.85
28 31 23 00-0804 Johnson Controls Fire Alarm (28 31 23)					
28 31 23 00-0805	EA		Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J).....	132.65	32.24
28 31 23 00-0806	EA		Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J).....	131.38	32.24
28 31 23 00-0807	EA		Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ).....	160.41	32.24
28 31 23 00-0808	EA		Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ).....	160.01	32.24
28 31 23 00-0809	EA		411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD).....	419.29	42.98
28 31 23 00-0810	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ).....	126.17	32.24
28 31 23 00-0811	EA		Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J).....	114.16	32.24
28 31 23 00-0812	EA		Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ).....	111.61	32.24
28 31 23 00-0813	EA		Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J).....	307.43	32.24
28 31 23 00-0814	EA		100 Watt Audio Amplifier @ 70.7 VRMS With Built-in Tone Generator, 120 VAC. (Johnson Controls, Inc. #AA-100).....	1,453.49	64.48
28 31 23 00-0815	EA		AUDIO Amplifier, 100 Watt, 230 VAC (Johnson Controls, Inc. #AA-100E).....	1,409.19	64.48
28 31 23 00-0816	EA		120 Watt Audio Amplifier @ 25 VRMS With Built-in Tone Generator, 120 VAC (Johnson Controls, Inc. #AA-120).....	1,433.09	64.48
28 31 23 00-0817	EA		AUDIO Amplifier, 120 Watt, 230 VAC (Johnson Controls, Inc. #AA-120E).....	1,373.43	64.48
28 31 23 00-0818	EA		30 Watt Audio Amplifier @ 25 VRMS, 120 VAC (Johnson Controls, Inc. #AA-30).....	684.15	64.48
28 31 23 00-0819	EA		AUDIO Amplifier, 30 Watt, 230 VAC (Johnson Controls, Inc. #AA-30E).....	684.15	64.48
28 31 23 00-0820	EA		Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches. On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT).....	665.22	21.50
28 31 23 00-0821	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT).....	691.52	21.50

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0822	EA		Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A).....	510.55	21.50
28 31 23 00-0823	EA		IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A).....	510.55	21.50
28 31 23 00-0824	EA		Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R).....	363.05	21.50
28 31 23 00-0825	EA		Charger Power Supply - 6 Or 10 Amps; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610).....	1,158.79	42.98
28 31 23 00-0826	EA		Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT).....	510.55	21.50
28 31 23 00-0827	EA		Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT).....	530.32	21.50
28 31 23 00-0828	EA		Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A).....	458.69	21.50
28 31 23 00-0829	EA		Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A).....	458.69	21.50
28 31 23 00-0830	EA		Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX).....	84.27	19.34
28 31 23 00-0831	EA		Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM).....	706.43	42.98
28 31 23 00-0832	EA		Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS).....	1,516.39	42.98
28 31 23 00-0833	EA		Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM).....	706.43	42.98
28 31 23 00-0834	EA		Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS).....	1,516.39	42.98
28 31 23 00-0835	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP).....	32.23	10.74
28 31 23 00-0836	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224BI).....	78.37	10.74
28 31 23 00-0837	EA		Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB).....	74.20	10.74
28 31 23 00-0838	EA		Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401).....	34.01	10.74
28 31 23 00-0839	EA		Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J).....	31.05	10.74
28 31 23 00-0840	EA		Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100).....	520.50	42.98
28 31 23 00-0841	EA		Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224).....	1,201.78	64.48
28 31 23 00-0842	EA		Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S).....	1,268.83	64.48
28 31 23 00-0843	EA		Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK).....	142.19	10.74
28 31 23 00-0844	EA		Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK).....	97.50	10.74
28 31 23 00-0845	EA		Digital Audio Amplifier, 50 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-5025).....	1,202.76	64.48
28 31 23 00-0846	EA		Digital Audio Amplifier, 50 Watt, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F).....	1,112.37	64.48
28 31 23 00-0847	EA		Digital Audio Amplifier, 50 Watt, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF).....	1,112.37	64.48
28 31 23 00-0848	EA		Digital Audio Amplifier, 50 Watt, 70 VRMS (Johnson Controls, Inc. #DAA-5070).....	1,300.40	64.48
28 31 23 00-0849	EA		Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E).....	1,201.78	64.48
28 31 23 00-0850	EA		Digital Audio Amplifier, 50 Watt, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F).....	1,201.78	64.48
28 31 23 00-0851	EA		Digital Audio Amplifier, 50 Watt, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF).....	1,201.78	64.48
28 31 23 00-0852	EA		Digital Audio Amplifier, 75 Watt, 25 VRMS (Johnson Controls, Inc. #DAA-7525).....	1,431.67	64.48
28 31 23 00-0853	EA		Digital Audio Amplifier, 75 Watt, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F).....	1,431.67	64.48
28 31 23 00-0854	EA		Digital Audio Amplifier, 75 Watt, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF).....	1,431.67	64.48
28 31 23 00-0855	EA		Innovairflex Intelligent. (Johnson Controls, Inc. #DNR).....	155.69	21.50
28 31 23 00-0856	EA		Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW).....	233.86	21.50
28 31 23 00-0857	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1).....	24.32	8.60
28 31 23 00-0858	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5).....	26.16	8.60
28 31 23 00-0859	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10).....	60.19	12.90
28 31 23 00-0860	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3).....	30.28	8.60
28 31 23 00-0861	EA		Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5).....	37.45	10.74
28 31 23 00-0862	EA		Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO).....	235.18	21.50
28 31 23 00-0863	EA		Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD).....	394.41	42.98
28 31 23 00-0864	EA		Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4).....	340.99	64.48
28 31 23 00-0865	EA		Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4).....	461.38	64.48
28 31 23 00-0866	EA		Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or AMPS-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4).....	501.61	64.48
28 31 23 00-0867	EA		Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4).....	253.48	8.60
28 31 23 00-0868	EA		Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4).....	380.16	8.60
28 31 23 00-0869	EA		Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4).....	417.42	8.60
28 31 23 00-0870	EA		6.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S6).....	691.18	85.97
28 31 23 00-0871	EA		8.0 Amps, 120 VAC Remote Charger Power Supply. Includes Main Printed Circuit Board, Transformers And Installation Instructions (Johnson Controls, Inc. #FCPS-24S8).....	695.53	85.97
28 31 23 00-0872	EA		80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G).....	651.97	64.48
28 31 23 00-0873	EA		Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS).....	119.85	10.74
28 31 23 00-0874	EA		Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R).....	335.32	21.50
28 31 23 00-0875	EA		Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980).....	186.88	32.24
28 31 23 00-0876	EA		Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996).....	155.17	32.24
28 31 23 00-0877	EA		Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998).....	162.39	32.24
28 31 23 00-0878	EA		Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200).....	1,213.93	42.98
28 31 23 00-0879	EA		Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S).....	1,478.52	42.98
28 31 23 00-0880	EA		Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J).....	450.59	21.50
28 31 23 00-0881	EA		IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amp Power Supply, 120 VAC, Includes Door, Dress Panel And Back Box, Black (Johnson Controls, Inc. #IFC-320).....	3,157.29	343.88
28 31 23 00-0882	EA		Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG).....	1,491.36	42.98
28 31 23 00-0883	EA		Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI).....	19,943.56	515.81
28 31 23 00-0884	EA		Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F).....	21,731.59	515.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-0885	EA		Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP).....	24,413.64	515.81
28 31 23 00-0886	EA		Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W).....	21,731.59	515.81
28 31 23 00-0887	EA		Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B).....	149.18	12.90
28 31 23 00-0888	EA		Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB).....	167.06	12.90
28 31 23 00-0889	EA		Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B).....	181.36	12.90
28 31 23 00-0890	EA		Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B).....	333.35	12.90
28 31 23 00-0891	EA		Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB).....	110.17	8.60
28 31 23 00-0892	EA		Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D).....	174.87	19.34
28 31 23 00-0893	EA		Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR).....	185.12	19.34
28 31 23 00-0894	EA		Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D).....	331.91	19.34
28 31 23 00-0895	EA		Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4).....	325.64	8.60
28 31 23 00-0896	EA		Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4).....	437.40	8.60
28 31 23 00-0897	EA		Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4).....	540.21	8.60
28 31 23 00-0898	EA		Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX).....	161.59	21.50
28 31 23 00-0899	EA		Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4).....	74.70	8.60
28 31 23 00-0900	EA		JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D).....	3,150.52	343.88
28 31 23 00-0901	EA		Central Processing Unit For The JCPU2-640 With Integral 120 VAC Power Supply, Includes CHS2-M2 Chassis (Johnson Controls, Inc. #JCPU2-640).....	2,279.35	257.91
28 31 23 00-0902	EA		Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D).....	4,038.10	343.88
28 31 23 00-0903	EA		Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640).....	3,841.62	257.91
28 31 23 00-0904	EA		Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E).....	2,804.74	257.91
28 31 23 00-0905	EA		Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM).....	1,479.98	32.24
28 31 23 00-0906	EA		Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF).....	1,494.90	32.24
28 31 23 00-0907	EA		Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF).....	1,494.90	32.24
28 31 23 00-0908	EA		Annunciator, Network Control. (Johnson Controls, Inc. #JNCA).....	1,771.65	42.98
28 31 23 00-0909	EA		Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. Mounting Options Include: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D). (Johnson Controls, Inc. #JNCA-2).....	1,504.77	42.98
28 31 23 00-0910	EA		Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP).....	1,409.83	257.91
28 31 23 00-0911	EA		160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160).....	1,075.31	42.98
28 31 23 00-0912	EA		80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80).....	888.42	42.98
28 31 23 00-0913	EA		Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320).....	1,416.61	42.98
28 31 23 00-0914	EA		Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32).....	437.21	10.74
28 31 23 00-0915	EA		Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24).....	143.25	8.60
28 31 23 00-0916	EA		Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48).....	175.43	8.60
28 31 23 00-0917	EA		Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32).....	353.19	10.74
28 31 23 00-0918	EA		Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32).....	643.74	10.74
28 31 23 00-0919	EA		Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320).....	1,162.06	10.74
28 31 23 00-0920	EA		Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ).....	96.05	10.74
28 31 23 00-0921	EA		Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ).....	149.87	10.74
28 31 23 00-0922	EA		Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ).....	76.55	10.74
28 31 23 00-0923	EA		Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ).....	105.26	10.74
28 31 23 00-0924	EA		Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devices. (Johnson Controls, Inc. #M301MJ).....	84.09	10.74
28 31 23 00-0925	EA		Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ).....	133.75	10.74
28 31 23 00-0926	EA		Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPU).....	151.78	10.74
28 31 23 00-0927	EA		SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ).....	87.93	10.74
28 31 23 00-0928	EA		Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W).....	1,237.43	32.24
28 31 23 00-0929	EA		Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F).....	1,097.02	21.50
28 31 23 00-0930	EA		Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W).....	1,014.77	21.50
28 31 23 00-0931	EA		Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO).....	39.89	4.30
28 31 23 00-0932	EA		Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F).....	889.08	21.50
28 31 23 00-0933	EA		Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W).....	847.12	21.50
28 31 23 00-0934	EA		NFV-25/50. (Johnson Controls, Inc. #NFV-25/50).....	2,156.82	42.98
28 31 23 00-0935	EA		NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U).....	603.90	21.50
28 31 23 00-0936	EA		Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S).....	166.49	8.60
28 31 23 00-0937	EA		Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1).....	385.40	21.50
28 31 23 00-0938	EA		Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA).....	385.40	21.50
28 31 23 00-0939	EA		Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1).....	104.82	8.60
28 31 23 00-0940	EA		SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB).....	28.82	4.30
28 31 23 00-0941	EA		SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC).....	28.82	4.30
28 31 23 00-0942	EA		Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SCR).....	118.13	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 31 23 00-0943	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCRH).....	130.64	32.24
28 31 23 00-0944	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK).....	153.54	36.54
28 31 23 00-0945	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK).....	151.75	36.54
28 31 23 00-0946	EA	Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8).....	939.90	85.97
28 31 23 00-0947	EA	Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L).....	743.21	85.97
28 31 23 00-0948	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW).....	118.13	32.24
28 31 23 00-0949	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SCWH).....	130.64	32.24
28 31 23 00-0950	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SCW-P).....	118.13	32.24
28 31 23 00-0951	EA	Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500).....	22.88	8.60
28 31 23 00-0952	EA	SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON).....	22.95	4.30
28 31 23 00-0953	EA	SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP).....	25.82	4.30
28 31 23 00-0954	EA	SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS).....	22.97	4.30
28 31 23 00-0955	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR).....	109.50	32.24
28 31 23 00-0956	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH).....	130.64	32.24
28 31 23 00-0957	EA	Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK).....	153.54	36.54
28 31 23 00-0958	EA	Strobe, HI, 12/24 VDC, Red (Johnson Controls, Inc. #SRH-P).....	130.64	32.24
28 31 23 00-0959	EA	Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK).....	151.75	36.54
28 31 23 00-0960	EA	Strobe, Standard, 12/24 VDC, Red (Johnson Controls, Inc. #SR-P).....	118.13	32.24
28 31 23 00-0961	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW).....	118.13	32.24
28 31 23 00-0962	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH).....	130.64	32.24
28 31 23 00-0963	EA	Strobe, HI, 12/24 VDC, White (Johnson Controls, Inc. #SWH-P).....	130.64	32.24
28 31 23 00-0964	EA	Strobe, Standard, 12/24 VDC, White (Johnson Controls, Inc. #SW-P).....	118.13	32.24
28 31 23 00-0965	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1).....	145.76	10.74
28 31 23 00-0966	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT).....	640.92	42.98
28 31 23 00-0967	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW).....	172.60	42.98
28 31 23 00-0968	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW).....	75.43	21.50
28 31 23 00-0969	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV).....	75.43	21.50
28 31 23 00-0970	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR).....	129.61	21.50
28 31 23 00-0971	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH).....	139.98	21.50
28 31 23 00-0972	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRHV).....	139.98	21.50
28 31 23 00-0973	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV).....	125.50	21.50
28 31 23 00-0974	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK).....	166.99	21.50
28 31 23 00-0975	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW).....	129.61	21.50
28 31 23 00-0976	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW).....	75.43	21.50
28 31 23 00-0977	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR).....	75.43	21.50
28 31 23 00-0978	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH).....	139.98	21.50
28 31 23 00-0979	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR).....	129.61	21.50
28 31 23 00-0980	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV).....	129.61	21.50

28 31 23 00-0981 Honeywell Fire Alarm (28 31 23)**28 31 23 00-0982 Notifier Fire Alarm (28 31 23 00-0981)****28 31 23 00-0983 Fire Alarm Control Panel And Accessories (28 31 23 00-0982)**

28 31 23 00-0984	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D).....	3,830.59	429.85
28 31 23 00-0985	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	3,218.59	429.85
28 31 23 00-0986	EA	Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	3,823.39	429.85
28 31 23 00-0987	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C).....	3,918.59	429.85
28 31 23 00-0988	EA	Black, 240 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E).....	3,823.39	429.85
28 31 23 00-0989	EA	Red, 120 VAC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R).....	3,823.39	429.85
28 31 23 00-0990	EA	Two-Tone Sequential Module (Notifier 2TTM).....	194.98	21.50
28 31 23 00-0991	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C).....	58.20	4.30
28 31 23 00-0992	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC).....	113.20	8.60
28 31 23 00-0993	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC).....	172.20	12.90
28 31 23 00-0994	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P).....	268.80	
28 31 23 00-0995	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119).....	38.40	
28 31 23 00-0996	EA	120VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS).....	3,745.79	429.85
28 31 23 00-0997	EA	240VAC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE).....	3,745.79	429.85
28 31 23 00-0998	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB).....	145.40	4.30
28 31 23 00-0999	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER).....	44.60	4.30
28 31 23 00-1000	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT).....	57.20	8.60
28 31 23 00-1001	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT).....	64.70	10.74
28 31 23 00-1002	EA	IP Communicator (Notifier IPDACT-2).....	487.78	21.50
28 31 23 00-1003	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD).....	567.78	21.50
28 31 23 00-1004	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC).....	131.78	21.50
		Note: Includes IPBRKT.		
28 31 23 00-1005	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B).....	131.78	21.50
		Note: Includes IPBRKT		
28 31 23 00-1006	EA	Single Or Dual Path Commercial Fire Communicator (Notifier IPGSM-4G).....	680.48	32.24
28 31 23 00-1007	EA	Dual 8TPC To Single 8TPC "Y" Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT).....	34.80	8.60
28 31 23 00-1008	EA	Loop Control Module (Notifier LCM-320).....	1,293.17	42.98
28 31 23 00-1009	EA	Loop Expander Module (Notifier LEM-320).....	1,121.97	42.98
28 31 23 00-1010	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2).....	985.17	42.98
28 31 23 00-1011	EA	7' DACT Phone Cord (Notifier MCBL-7).....	16.60	
28 31 23 00-1012	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1).....	122.30	10.74
28 31 23 00-1013	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R).....	143.78	21.50
28 31 23 00-1014	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B).....	143.78	21.50
28 31 23 00-1015	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2).....	542.98	21.50
28 31 23 00-1016	EA	Universal Zone Coder (Notifier UZC-256).....	730.98	21.50
28 31 23 00-1017	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI).....	221.40	
		Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1018	EA		Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD).....	504.74	
28 31 23 00-1019	EA		ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD).....	338.34	
28 31 23 00-1020	EA		Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS).....	3,405.80	12.90
28 31 23 00-1021			ONYX Cabinets <small>(28 31 23 00-0982)</small>		
28 31 23 00-1022	EA		Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R)	315.10	10.74
28 31 23 00-1023	EA		Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R)	420.70	10.74
28 31 23 00-1024	EA		Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R)	518.30	10.74
28 31 23 00-1025	EA		Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4)	79.40	12.90
28 31 23 00-1026	EA		Chassis Bridge (Notifier CB-1).....	69.50	10.74
28 31 23 00-1027	EA		Four Position Chassis (Notifier CHS-4)	116.70	10.74
28 31 23 00-1028	EA		Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2)	137.38	21.50
28 31 23 00-1029	EA		Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B)	63.00	12.90
28 31 23 00-1030	EA		Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP)	86.60	12.90
28 31 23 00-1031	EA		One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4)	247.78	21.50
28 31 23 00-1032	EA		One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B)	160.58	21.50
28 31 23 00-1033	EA		Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4)	315.68	32.24
28 31 23 00-1034	EA		Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B)	199.68	32.24
28 31 23 00-1035	EA		Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4)	469.17	42.98
28 31 23 00-1036	EA		Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B)	292.37	42.98
28 31 23 00-1037	EA		Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4)	569.86	53.74
28 31 23 00-1038	EA		Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B)	341.06	53.74
28 31 23 00-1039	EA		Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4)	177.50	10.74
28 31 23 00-1040	EA		Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B)	119.10	10.74
28 31 23 00-1041	EA		Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR)	111.90	10.74
28 31 23 00-1042	EA		Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R)	178.30	10.74
28 31 23 00-1043	EA		Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR)	139.10	10.74
28 31 23 00-1044	EA		Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R)	226.30	10.74
28 31 23 00-1045	EA		Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR)	156.70	10.74
28 31 23 00-1046	EA		Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R)	272.70	10.74
28 31 23 00-1047	EA		Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR)	227.90	10.74
28 31 23 00-1048	EA		Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R)	404.70	10.74
28 31 23 00-1049	EA		Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR)	255.10	10.74
28 31 23 00-1050	EA		Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R)	483.90	10.74
28 31 23 00-1051	EA		Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4).....	243.78	21.50
28 31 23 00-1052	EA		Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4)	354.18	21.50
28 31 23 00-1053	EA		Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4)	417.38	21.50
28 31 23 00-1054	EA		Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4)	261.38	21.50
28 31 23 00-1055	EA		Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4)	378.98	21.50
28 31 23 00-1056	EA		Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4)	440.58	21.50
28 31 23 00-1057	EA		Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R)	243.78	21.50
28 31 23 00-1058	EA		Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R)	354.18	21.50
28 31 23 00-1059	EA		Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R)	417.38	21.50
28 31 23 00-1060	EA		Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R).....	261.38	21.50
28 31 23 00-1061	EA		Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R)	378.98	21.50
28 31 23 00-1062	EA		Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R)	440.58	21.50
28 31 23 00-1063	EA		Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC)	2,261.85	107.46
28 31 23 00-1064	EA		CAB-4 Series Mounting Kit (Notifier P40-KITB)	222.98	21.50
			Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 31 23 00-1065	EA		Black, One Tier Backbox Assembly (Notifier SBB-AA4)	264.96	64.48
28 31 23 00-1066	EA		Black, Two Tier Backbox Assembly (Notifier SBB-B4)	372.74	85.97
28 31 23 00-1067	EA		Black, Three Tier Backbox Assembly (Notifier SBB-C4)	480.74	85.97
28 31 23 00-1068	EA		Black, Four Tier Backbox Assembly (Notifier SBB-D4)	586.12	107.46
28 31 23 00-1069	EA		Black, Mini, One Tier, Backbox (Notifier SBB-AA4)	143.78	21.50
28 31 23 00-1070	EA		Red, Mini, One Tier, Backbox (Notifier SBB-AA4R)	143.78	21.50
28 31 23 00-1071	EA		Red, One Tier Backbox Assembly (Notifier SBB-AA4R)	178.98	21.50
28 31 23 00-1072	EA		Red, Two Tier Backbox Assembly (Notifier SBB-B4R)	243.78	21.50
28 31 23 00-1073	EA		Red, Three Tier Backbox Assembly (Notifier SBB-C4R)	351.78	21.50
28 31 23 00-1074	EA		Red, Four Tier Backbox Assembly (Notifier SBB-D4R)	414.18	21.50
28 31 23 00-1075	EA		Trim Ring For NFS-320 Cabinet (Notifier TR-320).....	131.40	12.90
28 31 23 00-1076	EA		Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R)	131.40	12.90
28 31 23 00-1077	EA		Black, "AA" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4)	171.40	12.90
28 31 23 00-1078	EA		Black, "A" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4)	140.20	12.90
28 31 23 00-1079	EA		Black, "B" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4)	140.20	12.90
28 31 23 00-1080	EA		Black, "C" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4)	138.60	12.90
28 31 23 00-1081	EA		Black, "D" Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4)	141.80	12.90
28 31 23 00-1082	EA		2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B)	58.20	12.90
28 31 23 00-1083	EA		Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2).....	37.00	4.30
28 31 23 00-1084			NFS2-3030/640 Cabinet Mechanicals <small>(28 31 23 00-0982)</small>		
28 31 23 00-1085	EA		Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640)	84.20	12.90
28 31 23 00-1086	EA		Blank Module Dress Plate (Notifier BM-1B).....	70.60	12.90
28 31 23 00-1087	EA		Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4)	79.40	12.90
28 31 23 00-1088	EA		Four Position Expansion Chassis (Notifier CHS-4MB)	172.70	10.74
28 31 23 00-1089	EA		Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3).....	179.68	32.24
28 31 23 00-1090	EA		Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2).....	87.40	12.90
28 31 23 00-1091			NFS-3030/640 Cabinet Mechanicals <small>(28 31 23 00-0982)</small>		
28 31 23 00-1092	EA		Annunciator Dress Plate (Notifier ADP-4B).....	80.20	12.90
28 31 23 00-1093	EA		Blank Module Dress Plate (Notifier BMP-1).....	52.20	12.90
28 31 23 00-1094	EA		Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L)	114.58	21.50

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31	23 00-1095	EA	Module Dress Plate (Notifier MP-1B).....	81.00	12.90
28 31	23 00-1096		Battery Cabinets (28 31 23 00-0982)		
28 31	23 00-1097	EA	Six Position Chassis (Notifier CHS-6).....	76.82	21.50
28 31	23 00-1098	EA	Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB).....	364.16	64.48
28 31	23 00-1099		Digital Voice (28 31 23 00-0982)		
28 31	23 00-1100	EA	Chassis Used With BB-XP (Notifier 18439).....	37.90	10.74
28 31	23 00-1101	EA	220 VAC, 100 Watts, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E).....	1,483.68	32.24
28 31	23 00-1102	EA	220 VAC, 120 Watts, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E).....	1,442.08	32.24
28 31	23 00-1103	EA	220 VAC, 30 Watts, 25 VRMS Audio Amplifier (Notifier AA-30E).....	695.68	32.24
28 31	23 00-1104	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4).....	358.08	32.24
28 31	23 00-1105	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4).....	485.17	42.98
28 31	23 00-1106	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4).....	604.26	53.74
28 31	23 00-1107	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM).....	610.98	21.50
28 31	23 00-1108	EA	Single Mode Audio Fiber Link Receiver (Notifier AFL-RS).....	1,347.78	21.50
28 31	23 00-1109	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM).....	610.98	21.50
28 31	23 00-1110	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS).....	1,347.78	21.50
28 31	23 00-1111	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX).....	77.10	10.74
28 31	23 00-1112	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR).....	123.10	10.74
28 31	23 00-1113	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS).....	125.10	10.74
28 31	23 00-1114	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR).....	123.50	10.74
28 31	23 00-1115	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS).....	125.10	10.74
28 31	23 00-1116	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA).....	235.10	10.74
28 31	23 00-1117	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC).....	191.50	10.74
28 31	23 00-1118	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B).....	52.60	
28 31	23 00-1119	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V).....	410.98	21.50
28 31	23 00-1120	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V).....	410.98	21.50
28 31	23 00-1121	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2).....	72.70	10.74
28 31	23 00-1122	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1).....	100.58	21.50
28 31	23 00-1123	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2).....	299.68	32.24
28 31	23 00-1124	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM).....	148.58	21.50
28 31	23 00-1125	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR).....	148.58	21.50
28 31	23 00-1126	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1).....	168.70	10.74
28 31	23 00-1127	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1).....	193.50	10.74
28 31	23 00-1128	EA	120 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025).....	1,193.38	21.50
28 31	23 00-1129	EA	Multi-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F).....	969.07	21.50
28 31	23 00-1130	EA	Single-Mode Fiber-Optic Media 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF).....	969.07	21.50
28 31	23 00-1131	EA	120 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070).....	1,231.78	21.50
28 31	23 00-1132	EA	Multi-Mode Fiber-Optic Media 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F).....	1,053.26	21.50
28 31	23 00-1133	EA	120 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525).....	1,278.98	21.50
28 31	23 00-1134	EA	Single-Mode Fiber-Optic Media 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	1,263.73	21.50
28 31	23 00-1135	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	1,263.73	21.50
28 31	23 00-1136	EA	220-240 VAC, 50 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E).....	1,193.38	21.50
28 31	23 00-1137	EA	220-240 VAC, 50 Watts, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E).....	1,231.78	21.50
28 31	23 00-1138	EA	220-240 VAC, 75 Watts, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E).....	1,278.98	21.50
28 31	23 00-1139	EA	120 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525).....	818.18	21.50
28 31	23 00-1140	EA	220-240 VAC, 35 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E).....	818.18	21.50
28 31	23 00-1141	EA	120 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570).....	870.18	21.50
28 31	23 00-1142	EA	220-240 VAC, 35 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E).....	870.18	21.50
28 31	23 00-1143	EA	120 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025).....	903.78	21.50
28 31	23 00-1144	EA	220-240 VAC, 50 Watts, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E).....	903.78	21.50
28 31	23 00-1145	EA	120 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070).....	955.78	21.50
28 31	23 00-1146	EA	220-240 VAC, 50 Watts, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E).....	955.78	21.50
28 31	23 00-1147	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT).....	83.90	10.74
28 31	23 00-1148	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1).....	76.20	12.90
28 31	23 00-1149	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	87.40	12.90
28 31	23 00-1150	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	147.40	12.90
28 31	23 00-1151	EA	WPS Power Amplifier (Notifier DPA3204P).....	482.98	21.50
28 31	23 00-1152	EA	WPS Power Amplifier (Notifier DPA4001P).....	406.98	21.50
28 31	23 00-1153	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232).....	850.98	21.50
28 31	23 00-1154	EA	120 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMP).....	642.98	21.50
28 31	23 00-1155	EA	220-240 VAC, 125 Watts, 25 VRMS Digital Series Amplifier (Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V) (Notifier DS-AMPE).....	642.98	21.50
28 31	23 00-1156	EA	Digital Series Distribution Board, Supports One To Four DS-Amp Or DS-AMPE (Notifier DS-DB).....	1,082.98	21.50
28 31	23 00-1157	EA	125 Watts, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watts Amplifier With A DS-XF70V) (Notifier DS-BDA).....	442.98	21.50
28 31	23 00-1158	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM).....	226.98	21.50
28 31	23 00-1159	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM).....	226.98	21.50
28 31	23 00-1160	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM).....	226.98	21.50
28 31	23 00-1161	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watts, DS Series Transformer (Notifier DS-XF70V).....	98.98	21.50
28 31	23 00-1162	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO).....	214.98	21.50
28 31	23 00-1163	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM).....	1,202.98	21.50
28 31	23 00-1164	EA	Keypad For Digital Voice Command (Notifier DVC-KD).....	361.97	42.98
28 31	23 00-1165	EA	Replacement Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE).....	170.20	
28 31	23 00-1166	EA	Fire Fighters Telephone Control With Master Handset (Notifier FFT-7).....	1,238.34	42.98
28 31	23 00-1167	EA	Portable Fireman's Telephone Handset (Notifier FHS).....	109.00	
28 31	23 00-1168	EA	Red, Fireman's Telephone Handset (Notifier FHS-F).....	109.00	
28 31	23 00-1169	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R).....	304.58	21.50
28 31	23 00-1170	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S).....	304.58	21.50
28 31	23 00-1171	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ).....	50.50	6.44

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1172	EA	Paging Microphone Only (Notifier MIC-1).....	147.78	21.50
28 31 23 00-1173	EA	Firefighter's Telephone Handset (Notifier TELH-1).....	119.80	
28 31 23 00-1174	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	354.18	21.50
28 31 23 00-1175	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA).....	354.18	21.50
28 31 23 00-1176		Amplifiers (28 31 23 00-0982)		
28 31 23 00-1177	EA	30 Watt Audio Amplifier At 25 VRMS, 120 VAC (Notifier AA-30).....	674.18	21.50
28 31 23 00-1178	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 VAC, Tone Generator (Notifier AA-100).....	1,462.18	21.50
28 31 23 00-1179	EA	120 Watt Audio Amplifier At 25 VRMS, 120 VAC, Tone Generator (Notifier AA-120).....	1,420.58	21.50
28 31 23 00-1180	EA	Audio Coupling Transformer (Notifier ACT-1).....	109.38	21.50
28 31 23 00-1181	EA	Audio Coupling Transformer For Analog Amplifiers (Notifier ACT-2).....	126.98	21.50
28 31 23 00-1182	EA	Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	126.98	21.50
28 31 23 00-1183	EA	Audio Coupling Transformer For DAA-5025 (Notifier ACT-25).....	126.98	21.50
28 31 23 00-1184	EA	Audio Coupling Transformer For DAA-5070 (Notifier ACT-70).....	126.98	21.50
28 31 23 00-1185		FireVoice-25/50 Emergency Voice Evacuation Control Panels (28 31 23 00-0982)		
28 31 23 00-1186	EA	25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	2,800.26	429.85
28 31 23 00-1187	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	2,038.34	429.85
28 31 23 00-1188	EA	Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS).....	2,585.58	429.85
28 31 23 00-1189	EA	Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS).....	3,301.19	429.85
28 31 23 00-1190	EA	Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	3,629.53	429.85
28 31 23 00-1191		System Printer (28 31 23 00-0982)		
28 31 23 00-1192	EA	80 Column, 120 VAC, Desktop Printer (Notifier PRN-6).....	1,452.58	21.50
28 31 23 00-1193		Batteries (28 31 23 00-0982)		
28 31 23 00-1194	EA	5 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1250-BP).....	407.78	21.50
28 31 23 00-1195	EA	7 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-1270-BP).....	316.58	21.50
28 31 23 00-1196	EA	12 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12120-BP).....	414.18	21.50
28 31 23 00-1197	EA	18 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12180-BP).....	224.42	21.50
28 31 23 00-1198	EA	26 Amp Hour, 12 VDC, Sealed Battery Pack (Notifier BAT-12260-BP).....	338.98	21.50
28 31 23 00-1199	EA	55 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-12550).....	338.18	21.50
28 31 23 00-1200	EA	100 Amp Hour, 12 VDC, Sealed Battery (Notifier BAT-121000).....	534.02	21.50
28 31 23 00-1201		Battery Backboxes And Miscellaneous Mechanicals (28 31 23 00-0982)		
28 31 23 00-1202	EA	14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17).....	105.58	17.20
28 31 23 00-1203	EA	24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25)..... Note: XP6 modules require a CHS-6.	161.58	17.20
28 31 23 00-1204	EA	15.6" x 15.5" x 5.152", Mounts Up To Two 26 Amp Hour And Charger, Battery Backbox (Notifier BB-26).....	298.34	85.97
28 31 23 00-1205	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH).....	142.77	42.98
28 31 23 00-1206	EA	Holds Up To Two BAT-12120 12 Amp Hour Batteries, Battery Holder (Notifier CHS-BH1).....	63.90	10.74
28 31 23 00-1207	EA	Battery Bracket For Two 26 Amp Hour Batteries (Notifier SEISKIT-BB25).....	177.58	17.20
28 31 23 00-1208	EA	Two 26 Amp Hour Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB).....	138.38	17.20
28 31 23 00-1209	EA	Two 12 Amp Hour Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA).....	152.78	17.20
28 31 23 00-1210	EA	Two 55 Amp Hour Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB).....	165.58	17.20
28 31 23 00-1211		Power Supplies And Chargers (28 31 23 00-0982)		
28 31 23 00-1212	EA	120 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610).....	1,024.48	32.24
28 31 23 00-1213	EA	220/240 VAC, 6 Or 10 Amps, Addressable Charging Power Supply (Notifier ACPS-610E).....	1,024.48	32.24
28 31 23 00-1214	EA	Addressable Power Supply, 120 VAC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24).....	1,026.18	21.50
28 31 23 00-1215	EA	6A Auxillary Power Supply (Notifier APS-6R).....	525.39	21.50
28 31 23 00-1216	EA	10 Amp Battery Charger (Notifier BC10A).....	648.48	32.24
28 31 23 00-1217	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-100).....	382.78	25.80
28 31 23 00-1218	EA	33.34" x 22.5" x 7.5", Holds Four 55 Amp Hour Or Two 100 Amp Hour Batteries, For NFS-3030 Or NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-100R).....	382.78	25.80
28 31 23 00-1219	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Combination Power Supply And Battery Enclosure (Notifier BB-200).....	548.38	25.80
28 31 23 00-1220	EA	30.34" x 36.5" x 7.5", Holds Four 55 Amp Hour Or Four 100 Amp Hour Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R).....	548.38	25.80
28 31 23 00-1221	EA	15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1).....	105.38	21.50
28 31 23 00-1222	EA	25 To 120 Amp Hour Battery Charger (Notifier CHG-120).....	792.58	21.50
28 31 23 00-1223	EA	Mounts XPIQ-Ps And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS).....	59.90	10.74
28 31 23 00-1224	EA	Replacement Door Used For Mounting ACPS-610 (E) In A CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1).....	93.50	10.74
28 31 23 00-1225	EA	8.0 Amps, 120 VAC Remote Charger Power Supply (Notifier FCPS-24S8).....	527.78	21.50
28 31 23 00-1226	EA	8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8E).....	613.76	64.48
28 31 23 00-1227	EA	Red, 8.0 Amps, 240 VAC Remote Charger Power Supply (Notifier FCPS-24S8R).....	613.76	64.48
28 31 23 00-1228	EA	8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF8).....	699.36	64.48
28 31 23 00-1229	EA	8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF8E).....	699.36	64.48
28 31 23 00-1230	EA	Chassis Mounted, 8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF8CM).....	664.48	32.24
28 31 23 00-1231	EA	Chassis Mounted, 8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF8CME).....	664.48	32.24
28 31 23 00-1232	EA	12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF12).....	804.48	32.24
28 31 23 00-1233	EA	12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF12E).....	804.48	32.24
28 31 23 00-1234	EA	Chassis Mounted, 12 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF12CM).....	834.88	64.48
28 31 23 00-1235	EA	Chassis Mounted, 12 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPPFF12CME).....	834.88	64.48

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1236	EA		6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6).....	585.76	64.48
28 31 23 00-1237	EA		6 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S6E).....	585.76	64.48
28 31 23 00-1238	EA		8 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8).....	631.36	64.48
28 31 23 00-1239	EA		8 Amp, 24 VDC, 220 VAC, NAC Fire Alarm Power Supply (Notifier HPF24S8E).....	631.36	64.48
28 31 23 00-1240	EA		6 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA).....	508.96	64.48
28 31 23 00-1241	EA		9 Amp, 24 VDC, 120 VAC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA).....	598.56	64.48
28 31 23 00-1242	EA		Class A Adapter HPFF8/HPFF12 (Notifier HPP31076).....	121.50	10.74
28 31 23 00-1243	EA		Main Power Supply And Charger, Up To 3 Amps (Notifier MPS-24A).....	758.59	21.50
28 31 23 00-1244	EA		Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4).....	142.18	21.50
28 31 23 00-1245			Network Control Annunciators (28 31 23 00-0982)		
28 31 23 00-1246	EA		Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2).....	1,448.96	64.48
28 31 23 00-1247	EA		Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO).....	58.60	12.90
28 31 23 00-1248	EA		Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit).....	43.40	12.90
28 31 23 00-1249			FIRSTVISION Firefighter's Display (28 31 23 00-0982)		
28 31 23 00-1250	EA		Replacement ONLYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD).....	11,319.39	429.85
28 31 23 00-1251			FlashScan Addressable Modules (28 31 23 00-0982)		
28 31 23 00-1252	EA		Intelligent Addressable Control Module (Notifier FCM-1).....	130.18	21.50
28 31 23 00-1253	EA		Addressable Dual Monitor Module (Notifier FDM-1).....	144.58	21.50
28 31 23 00-1254	EA		Intelligent Addressable Monitor Module (Notifier FMM-1).....	109.38	21.50
28 31 23 00-1255	EA		Intelligent Addressable Miniature Monitor Module (Notifier FMM-101).....	98.18	21.50
28 31 23 00-1256	EA		Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20).....	194.98	21.50
28 31 23 00-1257	EA		Intelligent Addressable Relay Module (Notifier FRM-1).....	125.38	21.50
28 31 23 00-1258	EA		Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1).....	162.18	21.50
28 31 23 00-1259	EA		SLC Loop Powered Fault Isolator Module (Notifier ISO-X).....	107.78	21.50
28 31 23 00-1260			Addressable Device Bases And Accessories (28 31 23 00-0982)		
28 31 23 00-1261	EA		Intelligent Detector Base With Flange (Notifier B710LP).....	37.50	10.74
28 31 23 00-1262	EA		Weatherproof Device Housing (Notifier DH400OE-1).....	323.78	21.50
28 31 23 00-1263			XP6/XP10 Transponder (28 31 23 00-0982)		
28 31 23 00-1264	EA		Synchronization Daughter Module For XP6-C (Notifier SYNC-1).....	97.78	21.50
28 31 23 00-1265	EA		Six Circuit Supervised Control Module (Notifier XP6-C).....	462.18	21.50
28 31 23 00-1266	EA		8 To 16 Switch Intelligent To Conventional Interface Module (Notifier XP6-MA).....	558.18	21.50
28 31 23 00-1267	EA		Six Relay Control Module (Notifier XP6-R).....	444.58	21.50
28 31 23 00-1268	EA		Ten Input Monitor Module (Notifier XP10-M).....	534.18	21.50
28 31 23 00-1269			LCD Display Annunciators (28 31 23 00-0982)		
28 31 23 00-1270	EA		80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80).....	604.96	64.48
28 31 23 00-1271	EA		80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80).....	840.96	64.48
28 31 23 00-1272	EA		640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160).....	869.76	64.48
28 31 23 00-1273	EA		8 To 16 Switch Smoke Control Expander (Notifier SCE-8).....	566.18	21.50
28 31 23 00-1274	EA		8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L).....	302.98	21.50
28 31 23 00-1275	EA		Eight Switch Smoke Control Master Module (Notifier SCS-8).....	734.18	21.50
28 31 23 00-1276			ONLYX ACM And AEM Series LED Annunciators (28 31 23 00-0982)		
28 31 23 00-1277	EA		Remote, Eight Form C Relay Module (Notifier ACM-8R).....	334.18	21.50
28 31 23 00-1278	EA		16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT).....	610.18	21.50
28 31 23 00-1279	EA		16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT).....	468.58	21.50
28 31 23 00-1280	EA		24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT).....	610.18	21.50
28 31 23 00-1281	EA		24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT).....	468.58	21.50
28 31 23 00-1282	EA		32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A).....	468.58	21.50
28 31 23 00-1283	EA		32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A).....	420.58	21.50
28 31 23 00-1284	EA		48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A).....	468.58	21.50
28 31 23 00-1285	EA		48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A).....	420.58	21.50
28 31 23 00-1286			Graphic Annunciator - Lamp Driver Modules (28 31 23 00-0982)		
28 31 23 00-1287	EA		Single Annunciator Flush Mounted Backbox (Notifier ABF-1B).....	202.77	42.98
28 31 23 00-1288	EA		Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB).....	219.57	42.98
28 31 23 00-1289	EA		Two Annunciator Flush Mounted Backbox (Notifier ABF-2B).....	253.86	53.74
28 31 23 00-1290	EA		Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB).....	275.46	53.74
28 31 23 00-1291	EA		Four Annunciator Flush Mounted Backbox (Notifier ABF-4B).....	440.04	75.22
28 31 23 00-1292	EA		Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1).....	78.20	12.90
28 31 23 00-1293	EA		Single Annunciator Surface Mounted Backbox (Notifier ABS-1B).....	134.37	42.98
28 31 23 00-1294	EA		Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB).....	108.70	10.74
28 31 23 00-1295	EA		Two Annunciator Surface Mounted Backbox (Notifier ABS-2B).....	165.17	42.98
28 31 23 00-1296	EA		12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D).....	286.66	53.74
28 31 23 00-1297	EA		Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR).....	200.70	10.74
28 31 23 00-1298	EA		Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D).....	461.64	75.22
28 31 23 00-1299	EA		Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR).....	337.00	12.90
28 31 23 00-1300	EA		Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB).....	132.78	17.20
28 31 23 00-1301	EA		Annunciator Key Switch (Notifier AKS-1B).....	64.90	6.44
28 31 23 00-1302	EA		Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D).....	76.98	21.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1303	EA		32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32)	420.58	21.50
28 31 23 00-1304	EA		24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24)	123.00	4.30
28 31 23 00-1305	EA		48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48)	153.40	4.30
28 31 23 00-1306	EA		32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32)	347.78	21.50
28 31 23 00-1307	EA		Lamp Driver Module (Notifier LDM-R32)	602.18	21.50
28 31 23 00-1308	EA		Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L)	558.98	21.50
28 31 23 00-1309	EA		48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48)	155.80	4.30
28 31 23 00-1310	EA		Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D)	129.80	12.90
28 31 23 00-1311	EA		Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D)	81.00	12.90
28 31 23 00-1312	EA		Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR)	81.00	12.90
28 31 23 00-1313 Network Gateways (28 31 23 00-0982)					
28 31 23 00-1314	EA		Common Alerting Protocol Gateway (Notifier CAP-GW)	2,242.98	21.50
28 31 23 00-1315	EA		PC Version, Receivers Gateway (Notifier DACR-GW)	1,754.98	21.50
28 31 23 00-1316	EA		Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF)	1,674.98	21.50
28 31 23 00-1317	EA		Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF)	1,874.98	21.50
28 31 23 00-1318	EA		Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF)	2,082.98	21.50
28 31 23 00-1319	EA		Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W)	1,594.98	21.50
28 31 23 00-1320	EA		Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF)	1,634.98	21.50
28 31 23 00-1321	EA		Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF)	1,838.98	21.50
28 31 23 00-1322	EA		Modbus Gateway (Notifier MODBUS-GW)	1,754.98	21.50
28 31 23 00-1323	EA		22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW)	2,136.74	14.18
28 31 23 00-1324	EA		Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS)	3,183.94	14.18
28 31 23 00-1325	EA		1920x1080P Wide Screen (Notifier MON-42LCDW)	10,096.74	14.18
28 31 23 00-1326	EA		Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD)	416.48	32.24
28 31 23 00-1327	EA		Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD)	756.48	32.24
28 31 23 00-1328	EA		Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD)	1,100.48	32.24
28 31 23 00-1329	EA		Mass Notification Voice Paging (Notifier NOTIFY-IP)	840.00	
28 31 23 00-1330	EA		Non UL Listed Applications, Mass Notification Voice Paging (Notifier NOTIFY-IP-NOUL)	840.00	
28 31 23 00-1331	EA		Embedded NFN Gateway (Notifier NFN-GW-EM)	1,754.98	21.50
28 31 23 00-1332	EA		NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F)	1,754.98	21.50
28 31 23 00-1333	EA		High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF)	2,554.98	21.50
28 31 23 00-1334	EA		High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF)	2,978.98	21.50
28 31 23 00-1335	EA		High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW)	2,554.98	21.50
28 31 23 00-1336	EA		NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W)	1,754.98	21.50
28 31 23 00-1337	EA		E-Mail Option For ONYXworks (Notifier ONYX-NOTIFY)	840.00	
28 31 23 00-1338	EA		Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER)	840.00	
28 31 23 00-1339	EA		ONYXWorks Workstation (Notifier ONYXWORKS-WS)	16,063.26	515.81
28 31 23 00-1340	EA		Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW)	3,371.94	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 31 23 00-1341	EA		Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF)	3,371.94	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 31 23 00-1342	EA		Fiber Optics, Standard Network Repeater Board (Notifier RPT-F)	780.58	21.50
28 31 23 00-1343	EA		Wire, Standard Network Repeater Board (Notifier RPT-W)	634.18	21.50
28 31 23 00-1344	EA		Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF)	759.78	21.50
28 31 23 00-1345	EA		Signaling Line Circuit Integration Module (Notifier SLC-IM)	838.98	21.50
28 31 23 00-1346	EA		VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW)	1,754.98	21.50
28 31 23 00-1347	EA		Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VHX-1420-HFS)	1,450.98	21.50
28 31 23 00-1348	EA		Windows 7 Hard Drive Upgrade (Notifier WIN7-UG-US-3)	1,600.00	
28 31 23 00-1349 NOTI-FIRE-NET Network Components (28 31 23 00-0982)					
28 31 23 00-1350	EA		Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	1,754.98	21.50
28 31 23 00-1351	EA		Fiber Optic Network Communications Module (Notifier NCM-F)	784.58	21.50
28 31 23 00-1352	EA		NOTI-FIRE-NET Web Server (Notifier NWS)	1,754.98	21.50
28 31 23 00-1353	EA		Wired Network Communications Module (Notifier NCM-W)	747.78	21.50
28 31 23 00-1354	EA		Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	73.70	10.74
28 31 23 00-1355 FireWarden Addressable Fire Panels (28 31 23 00-0982)					
28 31 23 00-1356	EA		50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	1,623.69	429.85
28 31 23 00-1357	EA		Black, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	1,907.69	429.85
28 31 23 00-1358	EA		Black, One DC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	1,907.69	214.92
28 31 23 00-1359	EA		Black, One SLC Loop, 240 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	1,907.69	214.92
28 31 23 00-1360	EA		Red, One SLC Loop, 120 VAC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	1,907.69	214.92
28 31 23 00-1361 FireWarden Accessories (28 31 23 00-0982)					
28 31 23 00-1362	EA		Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	143.68	32.24
28 31 23 00-1363	EA		Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	142.88	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1364			FireWarden Devices (28 31 23 00-0982)		
28 31 23 00-1365	EA		SLC Loop Powered Fault Isolator Module (Notifier N100-ISO).....	106.98	21.50
28 31 23 00-1366	EA		Intelligent Addressable Control Module (Notifier NC-100).....	126.18	21.50
28 31 23 00-1367	EA		Intelligent Addressable Relay Module (Notifier NC-100R).....	121.38	21.50
28 31 23 00-1368	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100).....	257.27	32.24
28 31 23 00-1369	EA		Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R).....	307.79	32.24
28 31 23 00-1370	EA		Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100).....	121.38	21.50
28 31 23 00-1371	EA		Intelligent Addressable Thermal Detector With Base (Notifier NH-100).....	126.88	32.24
28 31 23 00-1372	EA		Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H).....	126.88	32.24
28 31 23 00-1373	EA		Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R).....	126.88	32.24
28 31 23 00-1374	EA		Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100).....	168.48	32.24
28 31 23 00-1375	EA		Intelligent Addressable Monitor Module (Notifier NMM-100).....	105.38	21.50
28 31 23 00-1376	EA		Intelligent Addressable Mini Monitor Module (Notifier NMM-100P).....	96.18	21.50
28 31 23 00-1377	EA		Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX).....	140.98	21.50
28 31 23 00-1378	EA		Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100).....	132.48	32.24
28 31 23 00-1379	EA		Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100).....	157.38	21.50
28 31 23 00-1380	EA		Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6).....	545.38	21.50
28 31 23 00-1381			SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories (28 31 23 00-0982)		
28 31 23 00-1382	EA		120 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402).....	1,087.75	343.88
28 31 23 00-1383	EA		120 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404).....	1,190.95	343.88
28 31 23 00-1384	EA		240 VAC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFB-2402E).....	829.85	107.46
28 31 23 00-1385	EA		240 VAC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFB-2404E).....	933.05	107.46
28 31 23 00-1386	EA		Class A Converter Module (Notifier CAC-4).....	274.18	21.50
28 31 23 00-1387	EA		Optional Internal Dress Panel For SFB-2402 And SFB-2404 Only (Notifier DP-3-B).....	93.00	12.90
28 31 23 00-1388	EA		Internal Dress Plate, Required For FM And ULC (Notifier DP-4X).....	94.60	12.90
28 31 23 00-1389	EA		Remote Zone Annunciator (Notifier RZA-4X).....	139.68	32.24
28 31 23 00-1390			SFP-5UD 5 Zone Control Panels And Accessories (28 31 23 00-0982)		
28 31 23 00-1391	EA		120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD).....	1,655.69	429.85
28 31 23 00-1392	EA		120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC).....	2,505.54	322.39
28 31 23 00-1393	EA		240 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE).....	1,655.69	214.92
28 31 23 00-1394	EA		Red, 120 VAC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR).....	1,655.69	214.92
28 31 23 00-1395	EA		Class A Converter Module (Notifier N-CAC-5X).....	274.18	21.50
28 31 23 00-1396	EA		Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE).....	109.80	12.90
28 31 23 00-1397			SFP-10UD 10 Zone Control Panels And Accessories (28 31 23 00-0982)		
28 31 23 00-1398	EA		120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	3,091.39	429.85
28 31 23 00-1399	EA		240 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE).....	2,312.74	322.39
28 31 23 00-1400	EA		120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD).....	1,879.69	429.85
28 31 23 00-1401	EA		Red, 120 VAC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR).....	2,742.59	429.85
28 31 23 00-1402	EA		Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC).....	471.36	64.48
28 31 23 00-1403			Smoke Detectors (28 31 23 00-0982)		
28 31 23 00-1404	EA		Intelligent Addressable Beam Smoke Detector (Notifier FSB-200).....	1,165.97	42.98
28 31 23 00-1405	EA		Intelligent Addressable Beam Smoke Detector With Remote Test Feature (Notifier FSB-200S).....	1,325.97	42.98
28 31 23 00-1406	EA		Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	179.68	32.24
28 31 23 00-1407	EA		Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	296.48	32.24
28 31 23 00-1408	EA		Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	738.00	32.24
28 31 23 00-1409	EA		Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851).....	146.88	32.24
28 31 23 00-1410	EA		Remote Test Capable, Low Profile Intelligent Addressable Photoelectric Smoke Detector (Notifier FSP-851R).....	149.28	32.24
28 31 23 00-1411	EA		Intelligent Addressable Thermal Detector (Notifier FST-851).....	122.88	32.24
28 31 23 00-1412	EA		Intelligent Addressable High Temperature Thermal Detector (Notifier FST-851H).....	122.88	32.24
28 31 23 00-1413	EA		Intelligent Addressable Rate-Of-Rise Thermal Detector (Notifier FST-851R).....	122.88	32.24
28 31 23 00-1414	EA		Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	134.88	32.24
			Note: For use with DNR(W) duct detector housing.		
28 31 23 00-1415	EA		Filters For Harsh Detector (Notifier RF-FTX).....	16.33	
28 31 23 00-1416	EA		Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY).....	109.18	21.50
28 31 23 00-1417			Pull Stations (28 31 23 00-0982)		
28 31 23 00-1418	EA		Trim Ring For NBG12 Series Pull Station (Notifier BG12TR).....	23.00	4.30
28 31 23 00-1419	EA		One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2).....	50.30	10.74
28 31 23 00-1420	EA		Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R).....	50.30	10.74
28 31 23 00-1421	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1).....	70.58	21.50
28 31 23 00-1422	EA		DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	76.58	21.50
28 31 23 00-1423	EA		Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS).....	100.18	21.50
28 31 23 00-1424	EA		Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R).....	70.58	21.50
28 31 23 00-1425	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS).....	79.38	21.50
28 31 23 00-1426	EA		Standard "Local" Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL).....	79.38	21.50
28 31 23 00-1427	EA		Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR).....	79.38	21.50
28 31 23 00-1428	EA		Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1).....	75.78	21.50
28 31 23 00-1429	EA		Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R).....	80.98	21.50
28 31 23 00-1430	EA		Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL).....	551.58	25.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1431	EA		Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L).....	75.98	21.50
28 31 23 00-1432	EA		Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB).....	167.58	25.80
28 31 23 00-1433	EA		Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS).....	100.58	21.50
28 31 23 00-1434	EA		Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR).....	88.98	21.50
28 31 23 00-1435	EA		Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX).....	141.78	21.50
28 31 23 00-1436	EA		Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	35.00	4.30
28 31 23 00-1437			Rate Compensation Heat Detectors (28 31 23 00-0982)		
28 31 23 00-1438	EA		135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135).....	134.88	32.24
28 31 23 00-1439	EA		194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194).....	134.88	32.24
28 31 23 00-1440			FM Series Door Releases (28 31 23 00-0982)		
28 31 23 00-1441	EA		1/2" Door Holder Spacer (Notifier FM900-50).....	22.50	6.44
28 31 23 00-1442	EA		3/4" Door Holder Spacer (Notifier FM900-75).....	22.50	6.44
28 31 23 00-1443	EA		1" Door Holder Spacer (Notifier FM900-100).....	22.50	6.44
28 31 23 00-1444	EA		Door Holder Extension Kit (Notifier FM900).....	23.70	6.44
28 31 23 00-1445	EA		90 Degree Door Holder Extension Kit (Notifier FM900-Z).....	24.10	6.44
28 31 23 00-1446	EA		Floor Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM980).....	161.28	32.24
28 31 23 00-1447	EA		Surface Mounted, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM996).....	141.28	32.24
28 31 23 00-1448	EA		Recessed Mounted, Concealed Wiring, 12VDC, 24VAC/DC Or 120VAC, Door Holder (Notifier FM998).....	141.28	32.24
28 31 23 00-1449			Multicriteria Fire Detector (28 31 23 00-0982)		
28 31 23 00-1450	EA		Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851).....	240.48	32.24
28 31 23 00-1451	EA		Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851)..... Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	222.88	32.24
28 31 23 00-1452	EA		Low Profile Intelligent Addressable Photoelectric Smoke Detector With Built-In 135°F Fixed Temperature Thermal Device (Notifier FSP-851T).....	147.68	32.24
28 31 23 00-1453			Modules (28 31 23 00-0982)		
28 31 23 00-1454	EA		Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	269.38	21.50
28 31 23 00-1455	EA		Addressable Firephone Control Module (Notifier FTM-1).....	161.38	21.50
28 31 23 00-1456			DH Series Door Releases (28 31 23 00-0982)		
28 31 23 00-1457	EA		Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	139.68	32.24
28 31 23 00-1458	EA		Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB).....	148.00	32.24
28 31 23 00-1459	EA		Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	156.48	32.24
28 31 23 00-1460	EA		Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC).....	154.08	32.24
28 31 23 00-1461	EA		Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	161.28	32.24
28 31 23 00-1462	EA		Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	166.88	32.24
28 31 23 00-1463	EA		Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC).....	139.68	32.24
28 31 23 00-1464	EA		Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB).....	147.68	32.24
28 31 23 00-1465	EA		Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	156.48	32.24
28 31 23 00-1466	EA		Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1).....	175.68	32.24
28 31 23 00-1467	EA		Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1).....	186.88	32.24
28 31 23 00-1468	EA		Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1).....	199.68	32.24
28 31 23 00-1469	EA		Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2).....	202.88	32.24
28 31 23 00-1470	EA		Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2).....	215.68	32.24
28 31 23 00-1471	EA		Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2).....	231.68	32.24
28 31 23 00-1472	EA		.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC).....	16.28	4.30
28 31 23 00-1473	EA		.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B).....	16.28	4.30
28 31 23 00-1474	EA		.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D).....	17.56	4.30
28 31 23 00-1475	EA		1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC).....	16.28	4.30
28 31 23 00-1476	EA		1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B).....	16.28	4.30
28 31 23 00-1477	EA		1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D).....	17.56	4.30
28 31 23 00-1478	EA		1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC).....	17.24	4.30
28 31 23 00-1479	EA		1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC).....	17.24	4.30
28 31 23 00-1480	EA		1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	17.56	4.30
28 31 23 00-1481	EA		1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D).....	18.52	4.30
28 31 23 00-1482	EA		2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC).....	18.52	4.30
28 31 23 00-1483	EA		2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC).....	18.52	4.30
28 31 23 00-1484	EA		2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B).....	19.00	4.30
28 31 23 00-1485	EA		2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D).....	19.32	4.30
28 31 23 00-1486	EA		3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC).....	19.32	4.30
28 31 23 00-1487	EA		3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B).....	20.28	4.30
28 31 23 00-1488	EA		3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D).....	20.28	4.30
28 31 23 00-1489	EA		4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC).....	20.60	4.30
28 31 23 00-1490	EA		4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC).....	20.60	4.30
28 31 23 00-1491	EA		4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB).....	21.40	4.30
28 31 23 00-1492	EA		4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	23.80	4.30
28 31 23 00-1493	EA		5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC).....	21.40	4.30
28 31 23 00-1494	EA		5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B).....	22.36	4.30
28 31 23 00-1495	EA		5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	23.80	4.30
28 31 23 00-1496	EA		Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPC).....	22.98	6.44
28 31 23 00-1497	EA		Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPCB).....	23.62	6.44

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 31 23 00-1498	EA	Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD)	25.70		6.44
28 31 23 00-1499	EA	Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC)	40.58		6.44
28 31 23 00-1500	EA	Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB)	43.14		6.44
28 31 23 00-1501	EA	Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD)	45.70		6.44
28 31 23 00-1502	EA	Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC)	38.78		10.74
28 31 23 00-1503	EA	Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBB)	40.70		10.74
28 31 23 00-1504	EA	Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBB)	43.42		10.74
28 31 23 00-1505	EA	Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF)	216.00		
28 31 23 00-1506	EA	Two Piece Extension Wrench (Notifier DHW)	2.40		
28 31 23 00-1507 First Command <small>(28 31 23 00-0982)</small>					
28 31 23 00-1508	EA	Black, 120 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100)	4,398.04		537.31
28 31 23 00-1509	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E)	4,398.04		537.31
28 31 23 00-1510	EA	Black, 120 VAC, 50 Watts, 25 VRMS Or 70 VRMS, Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA)	1,168.74		42.98
28 31 23 00-1511	EA	Black, 220-240 VAC, 50 Watts, 25 VRMS Or 70 VRMS, Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE)	1,168.74		42.98
28 31 23 00-1512	EA	Black, 120 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA)	2,122.34		42.98
28 31 23 00-1513	EA	Black, 220-240 VAC, 125 Watts, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE)	2,122.34		42.98
28 31 23 00-1514	EA	50 Watts, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt)	462.98		21.50
28 31 23 00-1515	EA	50 Watts, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt)	462.98		21.50
28 31 23 00-1516	EA	Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4)	315.78		21.50
28 31 23 00-1517	EA	Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6)	442.98		21.50
28 31 23 00-1518	EA	Standalone Firefighter Telephone System (Notifier NFC-FFT)	1,575.94		42.98
Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.					
28 31 23 00-1519	EA	Local Operator Console (Notifier NFC-LOC)	1,524.74		42.98
Note: Includes built-in microphone, message and zone control switches, black.					
28 31 23 00-1520	EA	Black, Remote Microphone (Notifier NFC-RM)	435.80		
28 31 23 00-1521	EA	Remote Page Unit (Notifier NFC-RPU)	1,291.94		42.98
Note: Includes built-in microphone, message control switches, black.					
28 31 23 00-1522	EA	Remote Telephone Zone Module (Notifier NFC-RTZM)	583.78		21.50
28 31 23 00-1523	EA	70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V)	240.58		21.50
28 31 23 00-1524	EA	Firefighters Phone Jack (Notifier N-FPJ)	110.50		6.44
28 31 23 00-1525	EA	Thumbblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH)	32.10		6.44
28 31 23 00-1526	EA	Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B)	97.00		12.90
28 31 23 00-1527 LED Displays <small>(28 31 23 00-0982)</small>					
28 31 23 00-1528	EA	2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215)	1,051.58		25.80
28 31 23 00-1529	EA	Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW)	1,780.78		34.38
28 31 23 00-1530	EA	4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT)	1,828.78		34.38
28 31 23 00-1531	EA	8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8)	1,228.78		34.38
28 31 23 00-1532	EA	16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16)	1,868.78		34.38
28 31 23 00-1533	EA	LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V)	1,828.78		34.38
28 31 23 00-1534 Control Relays <small>(28 31 23 00-0982)</small>					
28 31 23 00-1535	EA	Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR)	48.70		10.74
28 31 23 00-1536	EA	Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T)	39.10		10.74
28 31 23 00-1537	EA	Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR)	126.18		21.50
28 31 23 00-1538	EA	Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T)	77.50		10.74
28 31 23 00-1539	EA	Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T)	91.90		10.74
28 31 23 00-1540	EA	24 VDC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C)	113.38		21.50
28 31 23 00-1541	EA	120 VAC, 30 Amp Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C)	113.38		21.50
28 31 23 00-1542	EA	Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR)	73.38		21.50
28 31 23 00-1543	EA	Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T)	41.90		10.74
28 31 23 00-1544	EA	Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR)	142.98		21.50
28 31 23 00-1545	EA	24 VDC/24 VAC/115 VAC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-1)	55.78		21.50
28 31 23 00-1546	EA	12/24 VDC, 7 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-2)	55.78		21.50
28 31 23 00-1547	EA	9 To 40 VDC, 10 Amp, Form C, Multi-Voltage Relay Module (Notifier PAM-4)	55.78		21.50
28 31 23 00-1548 Gamewell-FCI Fire Control Instruments <small>(28 31 23 00-0982)</small>					
28 31 23 00-1549 7100 Series And NetSOLO® <small>(28 31 23 00-1548)</small>					
28 31 23 00-1550 7100 Compact Analog Addressable Fire Alarm Control Panels <small>(28 31 23 00-1549)</small>					
28 31 23 00-1551	EA	Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M)	715.53		257.91
28 31 23 00-1552	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2)	2,943.88		429.85
28 31 23 00-1553	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D)	3,176.34		429.85
28 31 23 00-1554	EA	Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2-E)	2,943.88		429.85
28 31 23 00-1555	EA	Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 VAC (Gamewell-FCI BK-7100-2D-E)	3,176.34		429.85
28 31 23 00-1556	EA	Replacement Board For 7100-1D (Gamewell-FCI BSM-7100-1)	802.17		42.98
28 31 23 00-1557	EA	Replacement Board For 7100-2 (Gamewell-FCI BSM-7100-1D)	957.68		42.98
28 31 23 00-1558	EA	Analog Loop Unit (Gamewell-FCI ALU)	957.68		42.98
28 31 23 00-1559 NetSOLO® Intelligent Network <small>(28 31 23 00-1549)</small>					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1560	EA		Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	1,060.00	42.98
28 31 23 00-1561	EA		Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	846.37	42.98
28 31 23 00-1562			Components And Accessories (28 31 23 00-1549)		
28 31 23 00-1563	EA		Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	527.76	32.24
28 31 23 00-1564	EA		Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100).....	410.10	42.98
28 31 23 00-1565	EA		Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	735.05	42.98
28 31 23 00-1566	EA		Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	308.60	42.98
28 31 23 00-1567	EA		Replacement Enclosure Box (Gamewell-FCI EN-7100).....	275.89	85.97
28 31 23 00-1568	EA		Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	756.72	21.50
28 31 23 00-1569			E3 Series® Basic System (28 31 23 00-1548)		
28 31 23 00-1570	EA		Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	728.88	42.98
28 31 23 00-1571	EA		Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	632.61	42.98
28 31 23 00-1572	EA		Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3).....	728.88	42.98
28 31 23 00-1573	EA		Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3).....	632.61	42.98
28 31 23 00-1574	EA		LCD Keypad Display (Gamewell-FCI LCD-E3).....	457.71	42.98
28 31 23 00-1575	EA		Power Supply Module (Gamewell-FCI PM-9).....	593.33	42.98
28 31 23 00-1576	EA		Transponder 9 Ampere Power Supply (Gamewell-FCI PM-9 INX).....	502.51	42.98
28 31 23 00-1577	EA		Power Supply And Charger, 120/220 VAC (Gamewell-FCI PM-9G 9A).....	486.93	21.50
28 31 23 00-1578	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	294.57	42.98
28 31 23 00-1579	EA		Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	754.58	42.98
28 31 23 00-1580	EA		Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP).....	635.56	42.98
28 31 23 00-1581	EA		Local Operating Console (Gamewell-FCI 1100-0455).....	426.22	32.24
28 31 23 00-1582	EA		Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	1,339.47	32.24
28 31 23 00-1583	EA		70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70).....	546.08	42.98
28 31 23 00-1584	EA		INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	1,622.00	42.98
28 31 23 00-1585	EA		8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1).....	411.29	85.97
28 31 23 00-1586	EA		C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC).....	313.69	85.97
28 31 23 00-1587	EA		Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP).....	70.09	21.50
28 31 23 00-1588	EA		Programmable Switch Module (Gamewell-FCI ASM-16).....	388.84	42.98
28 31 23 00-1589	EA		LED Driver module (Gamewell-FCI ANU-48).....	388.84	42.98
28 31 23 00-1590	EA		Network Graphic Annunciator (Gamewell-FCI NGA).....	1,124.88	32.24
28 31 23 00-1591			Addressable Devices, Module, Pulls And Accessories (28 31 23 00-1548)		
28 31 23 00-1592			Velociti® Series Sensors And Bases (28 31 23 00-1591)		
28 31 23 00-1593	EA		Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	131.60	32.24
28 31 23 00-1594	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	134.05	32.24
28 31 23 00-1595	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	141.42	32.24
28 31 23 00-1596	EA		Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	111.95	32.24
28 31 23 00-1597	EA		Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	116.05	32.24
28 31 23 00-1598	EA		Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	111.95	32.24
28 31 23 00-1599	EA		Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	158.61	32.24
28 31 23 00-1600	EA		Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	330.50	32.24
28 31 23 00-1601	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	291.62	53.74
28 31 23 00-1602	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	324.37	53.74
28 31 23 00-1603	EA		Replacement Duct Detector Board (Gamewell-FCI ADP-F-SB).....	170.49	53.74
28 31 23 00-1604	EA		Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	34.60	10.74
28 31 23 00-1605	EA		Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	355.05	32.24
28 31 23 00-1606	EA		Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	72.66	10.74
28 31 23 00-1607	EA		Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	1,233.95	64.48
28 31 23 00-1608			Velociti® Series Modules And Pull Station (28 31 23 00-1591)		
28 31 23 00-1609	EA		Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2F).....	94.96	21.50
28 31 23 00-1610	EA		Dual Style "B", Class "B" Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	146.93	21.50
28 31 23 00-1611	EA		Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4F).....	103.14	21.50
28 31 23 00-1612	EA		Subloop Style "D", Class "A" Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	141.20	21.50
28 31 23 00-1613	EA		Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	119.51	21.50
28 31 23 00-1614	EA		Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	123.60	21.50
28 31 23 00-1615	EA		Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	178.87	42.98
28 31 23 00-1616	EA		Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	127.29	21.50
28 31 23 00-1617	EA		Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	20.88	4.30
28 31 23 00-1618			Components And Accessories (28 31 23 00-1591)		
28 31 23 00-1619	EA		Remote LED Annunciator Alarm (Gamewell-FCI RA400Z)..... Note: Mounts on single gang box.	54.84	17.20
28 31 23 00-1620	EA		Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	27.43	8.60
28 31 23 00-1621	EA		>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	29.07	8.60
28 31 23 00-1622	EA		>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	35.01	10.74
28 31 23 00-1623	EA		>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	54.45	12.90
28 31 23 00-1624	EA		Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451)..... Note: Mounts on single gang box.	80.22	17.20
28 31 23 00-1625			Fixed And Rate of Rise Heat Detectors (28 31 23 00-1591)		

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 31 23 00-1626	EA	135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P)	78.39		32.24
28 31 23 00-1627	EA	194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	78.39		32.24
28 31 23 00-1628	EA	135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	78.39		32.24
28 31 23 00-1629	EA	194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	78.39		32.24
28 31 23 00-1630		NAC Expander/Power Supply (28 31 23 00-1591)			
28 31 23 00-1631	EA	FireForce 8 NAC Expander/Power Supply, 12/24 VDC, 8 Amp, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	1,277.08		343.88
28 31 23 00-1632	EA	6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	1,121.56		343.88
28 31 23 00-1633	EA	9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,199.32		343.88
28 31 23 00-1634		Batteries And Accessories (28 31 23 00-1548)			
28 31 23 00-1635	EA	B-17R, 12 VDC, 17 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A)	183.76		21.50
28 31 23 00-1636	EA	B-55R, 12 VDC, 55 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A)	450.60		21.50
28 31 23 00-1637	EA	B-7R, 12 VDC, 7 Amp Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A)	101.91		21.50
28 31 23 00-1638	EA	BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	234.12		42.98
28 31 23 00-1639	EA	BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	234.12		42.98
28 31 23 00-1640	EA	12"H x 12"W x 24"L Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970).....	210.38		42.98
28 31 23 00-1641		Electronic Door Holders (28 31 23 00-1548)			
		Note: Rixson products.			
28 31 23 00-1642	EA	XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000)	32.66		4.30
28 31 23 00-1643	EA	FM-980, Floor Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90000).....	260.92		32.24
28 31 23 00-1644	EA	FM-981, Floor Mount Holder For Double Doors, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90001)	350.14		32.24
28 31 23 00-1645	EA	FM-990, Low Profile Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90002)	172.03		32.24
28 31 23 00-1646	EA	FM-996, Surface Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90003).....	164.67		32.24
28 31 23 00-1647	EA	FM-997 Recessed Mount Door Holder, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90004).....	172.03		32.24
28 31 23 00-1648	EA	FM-998, Recessed Mount Door Holder With Concealed Wiring, 12 VDC, 24 VAC/DC Or 120 VAC (Gamewell-FCI 140-90005)	171.70		32.24
28 31 23 00-1649		SpectrAlert® Advance Wall Mount 2-Wire Horn/Strobes (28 31 23 00-1548)			
		See CSI section 28 31 23 00-1813 for devices.			
28 31 23 00-1650		SpectrAlert® Advance Accessories (28 31 23 00-1548)			
		See CSI section 28 31 23 00-1813 for backboxes, 28 31 23 00-2070 for backboxes.			
28 31 23 00-1651		Fire Alarm Programming (28 31 23 00-1548)			
		Note: For device replacement projects only. Do not use these tasks on projects where a fire alarm panel is replaced.			
28 31 23 00-1652	EA	Program And Test Up To 5 Fire Alarm Devices	500.00		
28 31 23 00-1653	EA	Program And Test >5 To 20 Fire Alarm Devices	1,000.00		
28 31 23 00-1654	EA	Program And Test >20 To 50 Fire Alarm Devices	2,000.00		
28 31 23 00-1655		Fire-Lite Fire Alarm (28 31 23 00-0981)			
28 31 23 00-1656		Addressable Control Panels (28 31 23 00-1655)			
28 31 23 00-1657	EA	25 Point Intelligent Control (Fire Lite MS-25)	1,330.85		429.85
28 31 23 00-1658	EA	50 Point Intelligent Control (Fire Lite MS-9050UD).....	1,445.49		429.85
28 31 23 00-1659	EA	198-Point Intelligent Control (Fire Lite MS-9200UDLS)	2,052.02		429.85
28 31 23 00-1660	EA	636-Point Intelligent Control (Fire Lite MS-9600LS).....	2,984.59		429.85
28 31 23 00-1661	EA	636-Point Intelligent Control (Fire Lite MS-9600UDLS)	2,875.21		429.85
28 31 23 00-1662		Silent Knight Fire Alarm (28 31 23 00-0981)			
28 31 23 00-1663	EA	Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS)	2,994.54		214.92
28 31 23 00-1664	EA	Supervised Remote Command Unit (Silent Knight EVS-RCU)	1,255.55		128.96
28 31 23 00-1665	EA	50 Watt Amplifier (Silent Knight EVS-50W)	878.99		85.97
28 31 23 00-1666	EA	125 Watt Amplifier (Silent Knight EVS-125W)	1,543.69		85.97
28 31 23 00-1667	EA	Voice Evacuation System (Silent Knight SKE-450).....	1,477.81		85.97
28 31 23 00-1668	EA	Fire Fighters Telephone (Silent Knight SK-FFT)	1,230.75		85.97
28 31 23 00-1669	EA	Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL)	1,273.19		128.96
28 31 23 00-1670	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808).....	943.69		85.97
28 31 23 00-1671	EA	Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700).....	727.88		85.97
28 31 23 00-1672	EA	Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600)	631.45		85.97
28 31 23 00-1673	EA	Combination Fire And CO Detector (Silent Knight SK-FIRE-CO)	203.02		32.24
28 31 23 00-1674	EA	Photoelectric Detector (Silent Knight SK-PHOTO).....	120.25		32.24
28 31 23 00-1675	EA	Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T)	126.01		32.24
28 31 23 00-1676	EA	Ionization Smoke Detector (Silent Knight SK-ION)	126.66		32.24
28 31 23 00-1677	EA	135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT).....	111.77		32.24
28 31 23 00-1678	EA	190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT).....	117.03		32.24
28 31 23 00-1679	EA	135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR)	118.97		32.24
28 31 23 00-1680	EA	Sounder Base (Silent Knight B200SR)	68.92		10.74
28 31 23 00-1681	EA	Intelligent Sounder Base (Silent Knight B200S).....	72.77		10.74
28 31 23 00-1682	EA	Isolator Base (Silent Knight B224BI).....	58.04		10.74
28 31 23 00-1683	EA	Relay Base (Silent Knight B224RB).....	58.67		10.74
28 31 23 00-1684	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE)	128.67		32.24
28 31 23 00-1685	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT).....	200.61		32.24
28 31 23 00-1686	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM).....	680.94		32.24
28 31 23 00-1687	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T)	776.23		32.24
28 31 23 00-1688	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2)	150.89		32.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1689	EA		Supervised Control Module (Silent Knight SK-CONTROL).....	127.43	32.24
28 31 23 00-1690	EA		Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6)	407.39	42.98
28 31 23 00-1691	EA		Relay Control Module (Silent Knight SK-RELAY)	107.17	21.50
28 31 23 00-1692	EA		Six Relay Control Module (Silent Knight SK-RELAY-6)	394.29	42.98
28 31 23 00-1693	EA		Zone Interface Module (Silent Knight SK-ZONE).....	129.90	32.24
28 31 23 00-1694	EA		Six Zone Interface Module (Silent Knight SK-ZONE-6)	469.29	42.98
28 31 23 00-1695	EA		Monitor Module (Silent Knight SK-MONITOR).....	113.19	32.24
28 31 23 00-1696	EA		10 Input Monitor Module (Silent Knight SK-MON-10)	455.01	42.98
28 31 23 00-1697	EA		Monitor Module (Silent Knight SK-MINIMON).....	106.15	32.24
28 31 23 00-1698	EA		Fault Isolator Module (Silent Knight SK-ISO).....	117.03	32.24
28 31 23 00-1699	EA		Addressable Heat Sensor (Silent Knight SD505-AHS)	115.12	32.24
28 31 23 00-1700	EA		Analog Ionization Smoke Detector (Silent Knight SD505-AIS)	124.20	32.24
28 31 23 00-1701	EA		Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS).....	117.03	32.24
28 31 23 00-1702	EA		6" Addressable Sounder Base (Silent Knight SD505-6SB).....	83.68	10.74
28 31 23 00-1703	EA		6" Addressable Relay Base (Silent Knight SD505-6RB).....	79.18	10.74
28 31 23 00-1704	EA		6" Isolator Base (Silent Knight SD505-6IB).....	72.14	10.74
28 31 23 00-1705	EA		Addressable Input Module (Silent Knight SD500-AIM)	116.40	32.24
28 31 23 00-1706	EA		Addressable Notification Module (Silent Knight SD500-ANM).....	141.01	32.24
28 31 23 00-1707	EA		Addressable Relay Module (Silent Knight SD500-ARM)	127.43	32.24
28 31 23 00-1708	EA		SLC Annunciator Driver Module (Silent Knight SD500-LED).....	475.38	64.48
28 31 23 00-1709	EA		Loop Isolation Module (Silent Knight SD500-LIM)	120.88	32.24
28 31 23 00-1710	EA		Addressable Mini Input Module (Silent Knight SD500-MIM).....	93.62	21.50
28 31 23 00-1711	EA		Single Action Addressable Pull Station (Silent Knight SD500-PS).....	118.28	21.50
28 31 23 00-1712	EA		Dual Action Addressable Pull Station (Silent Knight SD500-PSDA)	113.34	21.50
28 31 23 00-1713	EA		Back Box (Silent Knight SK-PSSMBB)	55.05	17.20
28 31 23 00-1714	EA		Smoke Detector Module (Silent Knight SD500-SDM).....	133.60	32.24
28 31 23 00-1715	EA		Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB).....	33.22	10.74
28 31 23 00-1716	EA		Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB).....	33.22	10.74
28 31 23 00-1717	EA		Addressable Duct Housing (Silent Knight SD505-DUCT)	209.05	32.24
28 31 23 00-1718	EA		Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR).....	268.08	32.24
28 31 23 00-1719	EA		Addressable Duct Detector Test Switch (Silent Knight SD505-DTS).....	119.60	32.24
28 31 23 00-1720	EA		Intelligent Power Module (Silent Knight 5895XL).....	682.64	85.97
28 31 23 00-1721	EA		Addressable Power Supply (Silent Knight 5496).....	477.76	64.48
28 31 23 00-1722	EA		Relay Interface Board (Silent Knight 5883).....	181.52	21.50
28 31 23 00-1723	EA		Remote LED Annunciator (Silent Knight 5865-3).....	372.86	42.98
28 31 23 00-1724	EA		Remote LED Annunciator (Silent Knight 5865-4).....	420.25	42.98
28 31 23 00-1725	EA		Remote LCD Annunciator (Silent Knight SK-5860).....	407.52	64.48
28 31 23 00-1726	EA		Serial/Parallel Printer Interface (Silent Knight 5824).....	256.22	21.50
28 31 23 00-1727	EA		LED Input/Output Module (Silent Knight / IntelliKnight 5880)	303.75	32.24
28 31 23 00-1728	EA		Addressable Pull Station (Silent Knight SK-Pull-DA/SA)	113.34	21.50
28 31 23 00-1729	EA		Digital Fire Communicator with Cabinet (Silent Knight SK-5104)	390.85	64.48
28 31 23 00-1730	EA		Communicator (Silent Knight IPGSM-4G).....	557.47	42.98
28 31 23 00-1731	EA		Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208).....	888.40	85.97
28 31 23 00-1732	EA		10 Zone Expander (Silent Knight SK-5217).....	247.79	21.50
28 31 23 00-1733	EA		Remote Annunciator (Silent Knight SK-5235).....	257.04	42.98
28 31 23 00-1734	EA		Status Display Module (Silent Knight 5280).....	78.24	21.50
28 31 23 00-1735	EA		Serial/Parallel Module (Silent Knight 5824).....	299.21	42.98
28 31 23 00-1736	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4).....	520.74	85.97
28 31 23 00-1737	EA		Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E)	530.26	85.97
28 31 23 00-1738	EA		Dress Panel (Silent Knight SK-DP2/4).....	100.66	21.50
28 31 23 00-1739	EA		Class A Convertor (Silent Knight SK-CAC4).....	252.42	32.24
28 31 23 00-1740	EA		Transmitter Module (Silent Knight SK-4XTM)	139.78	32.24
28 31 23 00-1741	EA		LED Interface Module (Silent Knight SK-4XLM).....	129.90	32.24
28 31 23 00-1742	EA		110 VAC Transformer, 3-6A (Silent Knight SK-XRM24)	128.15	21.50
28 31 23 00-1743	EA		Remote Annunciator (Silent Knight SK-RZA4).....	129.90	32.24
28 31 23 00-1744	EA		Zone Relay Module (Silent Knight SK-4XZM).....	138.54	32.24
28 31 23 00-1745	EA		Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2)	455.26	85.97
28 31 23 00-1746	EA		Remote Battery Box Accessory Cabinet (Silent Knight RBB)	113.34	21.50
28 31 23 00-1747	EA		Manual Pull Station (single action) (Silent Knight PS-SATK)	66.88	21.50
28 31 23 00-1748	EA		Manual Pull Station (dual action) (Silent Knight PS-DATK)	71.65	21.50
28 31 23 00-1749	EA		Manual Pull Station (dual action) (Silent Knight PS-DA)	70.31	21.50
28 31 23 00-1750	EA		Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH)	63.77	21.50
28 31 23 00-1751	EA		Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	133.05	25.80
28 31 23 00-1752	EA		6 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5495)	450.38	64.48
28 31 23 00-1753	EA		9 Amp, 24 VDC, Distributed Power Module (with cabinet) (Silent Knight SK-5499)	502.76	64.48
28 31 23 00-1754			Alerton <small>(28 31 23)</small>		
28 31 23 00-1755	EA		UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100)	388.90	6.44
28 31 23 00-1756			Cooper Fire Alarm <small>(28 31 23)</small>		
28 31 23 00-1757	EA		Single Circuit Class A / Multiple B, 12 Or 24 VDC, Sync Module (Cooper DSM-12/24-R).....	138.98	21.50
28 31 23 00-1758	EA		Red Lens, 21 Joules, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001)	2,275.48	36.54
28 31 23 00-1759	EA		Red, 100 dB, 24 VDC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	2,995.48	36.54
28 31 23 00-1760	EA		Red Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	1,107.57	42.98
28 31 23 00-1761	EA		Clear Lens, 5 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	1,113.97	42.98
28 31 23 00-1762	EA		Amber Lens, 5 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	1,113.97	42.98
28 31 23 00-1763	EA		Red Lens, 10 Joules, 24 VDC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001).....	830.77	42.98
28 31 23 00-1764	EA		Amber Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003)	830.77	42.98

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 31	23 00-1765	EA	Red Lens, 10 Joules, 120 VAC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004)	830.77	42.98
28 31	23 00-1766	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005)	1,113.97	42.98
28 31	23 00-1767	EA	Amber Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006)	1,113.97	42.98
28 31	23 00-1768	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Blackstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007)	1,113.97	42.98
28 31	23 00-1769	EA	Red Lens, 15 Joules, 120 VAC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008)	1,113.97	42.98
28 31	23 00-1770	EA	Red Lens, 15 Joules, 24 VDC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002)	1,113.97	42.98
28 31	23 00-1771	EA	Red Lens, 21 Joules, 24 VDC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001)	1,279.57	42.98
28 31	23 00-1772	EA	Red Lens, 21 Joules, 24 VDC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003)	1,189.97	42.98
28 31	23 00-1773	EA	Amber Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005)	1,189.97	42.98
28 31	23 00-1774	EA	Red Lens, 21 Joules, 110 VAC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006)	1,189.97	42.98
28 31	23 00-1775		Light Engineered Displays Message Boards <small>(28 31 23)</small>		
28 31	23 00-1776	EA	Two Message Sign, "Announcement" And "Evacuate" (LED SP-2/MNS)	407.58	25.80
28 31	23 00-1777	EA	Four Message Sign, "Fire", "Weather", "Announcement", "E Voltuate" (LED SP-4)	495.58	25.80
28 31	23 00-1778		STI Fire Alarm <small>(28 31 23)</small>		
28 31	23 00-1779	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100)	97.46	12.90
			Note: Include 9 VDC self contained battery.		
28 31	23 00-1780	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	127.40	12.90
28 31	23 00-1781	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	86.60	12.90
28 31	23 00-1782	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D)	78.60	12.90
			Note: For surface mounted horn strobes.		
28 31	23 00-1783	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	69.80	12.90
28 31	23 00-1784	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)	78.60	12.90
			Note: For surface mounted strobe.		
28 31	23 00-1785	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	78.42	12.90
28 31	23 00-1786	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	158.60	12.90
28 31	23 00-1787	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230)	104.20	12.90
			Note: For surface mounted pull stations.		
28 31	23 00-1788	EA	Backplate For Polycarbonate Cover (STI-1280)	48.00	12.90
28 31	23 00-1789	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	34.00	12.90
28 31	23 00-1790	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	56.80	12.90
28 31	23 00-1791	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	107.40	12.90
28 31	23 00-1792	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	95.20	12.90
28 31	23 00-1793	EA	24.7" x 19.7" x 7.3", Key Lock, Lockable Enclosure (STI-7550)	495.40	12.90
28 31	23 00-1794	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	77.00	12.90
28 31	23 00-1795	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	71.00	12.90
28 31	23 00-1796	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	65.40	12.90
28 31	23 00-1797	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	71.00	12.90
28 31	23 00-1798	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	65.40	12.90
28 31	23 00-1799	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	71.00	12.90
28 31	23 00-1800	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	65.40	12.90
28 31	23 00-1801	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	118.60	12.90
28 31	23 00-1802	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	60.20	12.90
28 31	23 00-1803	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	60.20	12.90
28 31	23 00-1804	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	91.40	12.90
28 31	23 00-1805	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	91.40	12.90
28 31	23 00-1806	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	65.80	12.90
28 31	23 00-1807	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	65.80	12.90
28 31	23 00-1808	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	60.20	12.90
28 31	23 00-1809	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	65.40	12.90
28 31	23 00-1810	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	65.80	12.90
28 31	23 00-1811	EA	Yellow, "High Threat", Push Button Station (STI SS-2201)	67.90	6.44
28 31	23 00-1812	EA	Gasket Kit For STI Covers (STI SUB-121)	30.44	
28 31	23 00-1813		System Sensor Fire Alarm <small>(28 31 23)</small>		
28 31	23 00-1814		Smoke Detectors <small>(28 31 23 00-1813)</small>		
28 31	23 00-1815	EA	Beam Detector Heater Kit (System Sensor BEAMHK)	40.60	4.30
28 31	23 00-1816	EA	Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR)	164.60	4.30
			Note: Four used with long range kit.		
28 31	23 00-1817	EA	Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	207.57	42.98
28 31	23 00-1818	EA	Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	153.97	42.98
28 31	23 00-1819	EA	Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	126.77	42.98
28 31	23 00-1820	EA	Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	116.48	32.24
28 31	23 00-1821	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	118.08	32.24
28 31	23 00-1822	EA	Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	122.08	32.24
28 31	23 00-1823	EA	Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	118.28	32.24
28 31	23 00-1824	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 VDC (System Sensor 4WT-B)	126.08	32.24
28 31	23 00-1825	EA	Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	124.88	32.24
28 31	23 00-1826	EA	Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	150.88	32.24
28 31	23 00-1827	EA	Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	89.38	21.50

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1828	EA		Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T).....	100.58	21.50
			Note: Requires B100 series base.		
28 31 23 00-1829	EA		Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	187.90	10.74
28 31 23 00-1830	EA		Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	65.50	10.74
28 31 23 00-1831			Duct Smoke Detectors (28 31 23 00-1813)		
28 31 23 00-1832	EA		Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	243.08	32.24
28 31 23 00-1833	EA		Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	245.68	32.24
28 31 23 00-1834	EA		Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	315.68	36.54
28 31 23 00-1835	EA		Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	159.78	21.50
28 31 23 00-1836	EA		Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL).....	43.30	6.44
28 31 23 00-1837	EA		Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	138.38	17.20
28 31 23 00-1838	EA		Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	224.58	21.50
28 31 23 00-1839	EA		1' Steel Sampling Tube (System Sensor DST1)	26.00	8.60
28 31 23 00-1840	EA		1.5' Steel Sampling Tube (System Sensor DST1.5).....	28.00	8.60
28 31 23 00-1841	EA		3' Steel Sampling Tube (System Sensor DST3).....	32.00	8.60
28 31 23 00-1842	EA		5' Steel Sampling Tube (System Sensor DST5).....	37.90	10.74
28 31 23 00-1843	EA		10' Steel Sampling Tube (System Sensor DST10).....	59.20	12.90
28 31 23 00-1844	EA		1', Steel, Exhaust Tube Duct (System Sensor ETX)	28.80	8.60
28 31 23 00-1845	EA		Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	66.10	10.74
28 31 23 00-1846	EA		Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2).....	140.00	
28 31 23 00-1847	EA		Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	150.40	
28 31 23 00-1848			Heat Detectors (28 31 23 00-1813)		
28 31 23 00-1849	EA		Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	81.28	32.24
28 31 23 00-1850	EA		Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	81.28	32.24
28 31 23 00-1851	EA		Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621).....	94.08	32.24
28 31 23 00-1852	EA		Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622).....	94.08	32.24
28 31 23 00-1853			Horns (28 31 23 00-1813)		
28 31 23 00-1854	EA		Red, Mini Horn (System Sensor MHR).....	86.48	32.24
28 31 23 00-1855	EA		White, Mini Horn (System Sensor MHW).....	86.48	32.24
28 31 23 00-1856	EA		White, 12/24 VDC, Wall Mounted Horn Only (System Sensor HW).....	97.68	32.24
28 31 23 00-1857	EA		Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R).....	109.08	36.54
28 31 23 00-1858	EA		Red, Interior, Wall Mounted, Horn (System Sensor HR).....	97.68	32.24
28 31 23 00-1859	EA		Red, Outdoor, Wall Mounted, Horn (System Sensor HRK).....	116.48	32.24
28 31 23 00-1860			Wall Mounted Horns/Strobes (28 31 23 00-1813)		
28 31 23 00-1861	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R).....	125.28	32.24
28 31 23 00-1862	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH).....	130.08	32.24
28 31 23 00-1863	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	165.88	36.54
28 31 23 00-1864	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	165.88	36.54
28 31 23 00-1865	EA		Low Frequency, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH-LF)	173.28	32.24
28 31 23 00-1866	EA		Outdoor Backbox, Red, 120 VAC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	177.88	36.54
28 31 23 00-1867	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	156.68	36.54
28 31 23 00-1868	EA		Plain, Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	161.08	36.54
28 31 23 00-1869	EA		Replacement, Outdoor, Red, , Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R).....	140.48	32.24
28 31 23 00-1870	EA		Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2R-P)	125.28	32.24
28 31 23 00-1871	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W).....	125.28	32.24
28 31 23 00-1872	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	130.88	32.24
28 31 23 00-1873	EA		Low Frequency, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-LF)	173.28	32.24
28 31 23 00-1874	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	165.88	36.54
28 31 23 00-1875	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	165.88	36.54
28 31 23 00-1876	EA		Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P).....	130.08	32.24
28 31 23 00-1877	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	161.08	36.54
28 31 23 00-1878	EA		Plain, Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	161.08	36.54
28 31 23 00-1879	EA		Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2W-P)	125.28	32.24
28 31 23 00-1880	EA		Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4R).....	142.08	32.24
28 31 23 00-1881	EA		Red, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH).....	145.28	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1882	EA		Outdoor Backbox, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	167.48	36.54
28 31 23 00-1883	EA		Replacement, Outdoor, Red, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	157.88	36.54
28 31 23 00-1884	EA		White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4W)	142.08	32.24
28 31 23 00-1885	EA		Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK)	162.68	36.54
28 31 23 00-1886	EA		Outdoor Backbox, White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	167.48	36.54
28 31 23 00-1887			Ceiling Mounted Horns/Strobes (28 31 23 00-1813)		
28 31 23 00-1888	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R)	125.28	32.24
28 31 23 00-1889	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH)	131.68	32.24
28 31 23 00-1890	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK)	165.88	36.54
28 31 23 00-1891	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK)	161.08	36.54
28 31 23 00-1892	EA		Plain, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P)	126.08	32.24
28 31 23 00-1893	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W)	125.28	32.24
28 31 23 00-1894	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH)	131.68	32.24
28 31 23 00-1895	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK)	165.88	36.54
28 31 23 00-1896	EA		Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P)	131.68	32.24
28 31 23 00-1897	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK)	161.08	36.54
28 31 23 00-1898	EA		Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P)	125.28	32.24
28 31 23 00-1899	EA		Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4R)	142.08	32.24
28 31 23 00-1900	EA		Red, Ceiling Mounted, Four Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH)	145.28	32.24
28 31 23 00-1901	EA		White, Four Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4W)	142.08	32.24
28 31 23 00-1902			Wall Mounted Strobes (28 31 23 00-1813)		
28 31 23 00-1903	EA		White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW)	48.70	10.74
28 31 23 00-1904	EA		White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW)	90.30	10.74
28 31 23 00-1905	EA		Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR)	113.28	32.24
28 31 23 00-1906	EA		Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH)	124.48	32.24
28 31 23 00-1907	EA		Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK)	150.68	36.54
28 31 23 00-1908	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK)	149.08	36.54
28 31 23 00-1909	EA		Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P)	149.08	36.54
28 31 23 00-1910	EA		Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R)	131.48	36.54
28 31 23 00-1911	EA		Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SR-P)	113.28	32.24
28 31 23 00-1912	EA		White, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW)	113.28	32.24
28 31 23 00-1913	EA		White, Amber Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-ALERT)	122.08	32.24
28 31 23 00-1914	EA		White, Clear Lens, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-CLR-ALERT)	119.68	32.24
28 31 23 00-1915	EA		White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH)	124.48	32.24
28 31 23 00-1916	EA		White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT)	123.68	32.24
28 31 23 00-1917	EA		White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P)	123.68	32.24
28 31 23 00-1918	EA		Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P)	150.68	36.54
28 31 23 00-1919	EA		White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK)	150.68	36.54
28 31 23 00-1920	EA		White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P)	150.68	36.54
28 31 23 00-1921	EA		Replacement Unit, Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R)	134.68	36.54
28 31 23 00-1922	EA		White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK)	149.08	36.54
28 31 23 00-1923	EA		White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P)	149.08	36.54
28 31 23 00-1924	EA		White, Plain, 12/24 VDC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SW-P)	112.48	32.24
28 31 23 00-1925	EA		Amber, Wall Strobe Lens Attachment (System Sensor LENS-A)	17.40	4.30
28 31 23 00-1926	EA		Blue, Wall Strobe Lens Attachment (System Sensor LENS-B)	17.40	4.30

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-1927	EA		Green, Wall Strobe Lens Attachment (System Sensor LENS-G).....	17.40	4.30
28 31 23 00-1928	EA		Red, Wall Strobe Lens Attachment (System Sensor LENS-R).....	17.40	4.30
28 31 23 00-1929 Ceiling Mounted Strobes (28 31 23 00-1813)					
28 31 23 00-1930	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCR).....	113.28	32.24
28 31 23 00-1931	EA		Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH).....	126.08	32.24
28 31 23 00-1932	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK).....	150.68	36.54
28 31 23 00-1933	EA		Outdoor Backbox, Red, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK).....	150.68	36.54
28 31 23 00-1934	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW).....	113.28	32.24
28 31 23 00-1935	EA		Clear Lens, White, Two Wire, 12/24 VDC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCW-CLR-ALERT).....	119.68	32.24
28 31 23 00-1936	EA		White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH).....	126.08	32.24
28 31 23 00-1937	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK).....	150.68	36.54
28 31 23 00-1938	EA		Outdoor Backbox, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK).....	149.08	36.54
28 31 23 00-1939	EA		Plain, White, Two Wire, 12/24 VDC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P).....	114.08	32.24
28 31 23 00-1940	EA		Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC).....	17.40	4.30
28 31 23 00-1941	EA		Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC).....	17.40	4.30
28 31 23 00-1942	EA		Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC).....	17.40	4.30
28 31 23 00-1943	EA		Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC).....	17.40	4.30
28 31 23 00-1944 Wall Mounted Speakers (28 31 23 00-1813)					
28 31 23 00-1945	EA		24 VDC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V).....	263.68	32.24
28 31 23 00-1946	EA		Red, Wall Mounted Speaker (System Sensor SPR).....	95.68	32.24
28 31 23 00-1947	EA		Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK).....	136.88	32.24
28 31 23 00-1948	EA		Replacement Unit, Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R).....	120.68	36.54
28 31 23 00-1949	EA		Red, High dB, Wall Mounted Speaker (System Sensor SPRV).....	104.48	32.24
28 31 23 00-1950	EA		White, Wall Mounted Speaker (System Sensor SPW).....	95.68	32.24
28 31 23 00-1951	EA		White, Outdoor, Wall Mounted Speaker (System Sensor SPWK).....	145.48	36.54
28 31 23 00-1952	EA		White, High dB, Wall Mounted Speaker (System Sensor SPWV).....	104.48	32.24
28 31 23 00-1953 Ceiling Mounted Speakers (28 31 23 00-1813)					
28 31 23 00-1954	EA		Red, Ceiling Mounted Speaker (System Sensor SPCR).....	95.68	32.24
28 31 23 00-1955	EA		Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK).....	136.88	32.24
28 31 23 00-1956	EA		Red, High dB, Ceiling Mounted Speaker (System Sensor SPCR).....	104.48	32.24
28 31 23 00-1957	EA		White, Ceiling Mounted Speaker (System Sensor SPCW).....	95.68	32.24
28 31 23 00-1958	EA		White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV).....	104.48	32.24
28 31 23 00-1959	EA		White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK).....	145.48	36.54
28 31 23 00-1960 Wall Mounted Speakers/Strobes (28 31 23 00-1813)					
28 31 23 00-1961	EA		White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSW).....	97.50	10.74
28 31 23 00-1962	EA		White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSW).....	48.70	10.74
28 31 23 00-1963	EA		Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR).....	146.08	32.24
28 31 23 00-1964	EA		Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH).....	154.88	32.24
28 31 23 00-1965	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK).....	204.28	36.54
28 31 23 00-1966	EA		Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P).....	204.28	36.54
28 31 23 00-1967	EA		Replacement Unit, Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R).....	175.48	36.54
28 31 23 00-1968	EA		Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSR-P).....	146.08	32.24
28 31 23 00-1969	EA		Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV).....	150.08	32.24
28 31 23 00-1970	EA		White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-ALERT).....	163.68	32.24
28 31 23 00-1971	EA		White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT).....	207.48	36.54
28 31 23 00-1972	EA		White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW).....	146.08	32.24
28 31 23 00-1973	EA		White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH).....	154.88	32.24
28 31 23 00-1974	EA		White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P).....	154.88	32.24
28 31 23 00-1975	EA		White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK).....	204.28	36.54
28 31 23 00-1976	EA		White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P).....	204.28	36.54
28 31 23 00-1977	EA		White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSW-P).....	146.08	32.24
28 31 23 00-1978	EA		White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV).....	150.08	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 31 23 00-1979	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P).....	150.08	32.24
28 31 23 00-1980	Ceiling Mounted Speakers/Strobes (28 31 23 00-1813)			
28 31 23 00-1981	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCR).....	146.08	32.24
28 31 23 00-1982	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH).....	156.48	32.24
28 31 23 00-1983	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV).....	150.08	32.24
28 31 23 00-1984	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW).....	146.08	32.24
28 31 23 00-1985	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-CLR-ALERT).....	156.48	32.24
28 31 23 00-1986	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH).....	154.88	32.24
28 31 23 00-1987	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK).....	206.68	36.54
28 31 23 00-1988	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P).....	154.88	32.24
28 31 23 00-1989	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT).....	207.48	36.54
28 31 23 00-1990	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK).....	204.28	36.54
28 31 23 00-1991	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCW-P).....	146.08	32.24
28 31 23 00-1992	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV).....	150.08	32.24
28 31 23 00-1993	EA	White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH).....	154.88	32.24
28 31 23 00-1994	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSWV-P).....	150.08	32.24
28 31 23 00-1995	EA	High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH).....	155.40	32.24
28 31 23 00-1996	Electric Alarm Bells (28 31 23 00-1813)			
28 31 23 00-1997	EA	6" Alarm Bell (System Sensor SSM24-6).....	113.28	32.24
28 31 23 00-1998	EA	8" Alarm Bell (System Sensor SSM24-8).....	122.08	32.24
28 31 23 00-1999	EA	10" Alarm Bell (System Sensor SSM24-10).....	143.06	32.24
28 31 23 00-2000	Device Bases (28 31 23 00-1813)			
28 31 23 00-2001	EA	High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	83.10	10.74
28 31 23 00-2002	EA	Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	81.10	10.74
28 31 23 00-2003	EA	Intelligent Isolator Base (System Sensor B224BI).....	67.30	10.74
28 31 23 00-2004	EA	Intelligent Relay Base (System Sensor B224RB).....	68.30	10.74
28 31 23 00-2005	EA	Flangeless, Intelligent Detector Base (System Sensor B501).....	39.70	10.74
28 31 23 00-2006	Boxes, Plates And Decals (28 31 23 00-1813)			
28 31 23 00-2007	EA	Two Wire, Flanged, 12/24 VDC, Low-Profile, Adapter Base (System Sensor B110LP).....	34.70	10.74
28 31 23 00-2008	EA	Four Wire, Form A And C, 24 VDC Low-Profile, Adapter Base (System Sensor B121LP).....	64.60	12.90
28 31 23 00-2009	EA	Conventional Flanged Mounting Base (System Sensor B210LP).....	33.50	10.74
28 31 23 00-2010	EA	120 VAC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K).....	62.30	10.74
28 31 23 00-2011	EA	Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB).....	55.10	10.74
28 31 23 00-2012	EA	White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW).....	60.70	10.74
28 31 23 00-2013	EA	White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW).....	55.10	10.74
28 31 23 00-2014	EA	Red Retrofit Plate (System Sensor RFP).....	26.98	6.44
28 31 23 00-2015	EA	White Retrofit Plate (System Sensor RFPW).....	26.98	6.44
28 31 23 00-2016	EA	Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB).....	47.10	10.74
28 31 23 00-2017	EA	Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC).....	48.30	10.74
28 31 23 00-2018	EA	Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCR).....	40.30	10.74
28 31 23 00-2019	EA	White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCW).....	40.30	10.74
28 31 23 00-2020	EA	Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBR).....	34.70	10.74
28 31 23 00-2021	EA	Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPR).....	38.70	10.74
28 31 23 00-2022	EA	White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPW).....	38.70	10.74
28 31 23 00-2023	EA	White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBW).....	34.70	10.74
28 31 23 00-2024	EA	Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500).....	34.30	10.74
28 31 23 00-2025	EA	Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600).....	34.30	10.74
28 31 23 00-2026	EA	Red, Wall Mounted, Trim Ring (System Sensor TR).....	14.44	4.30
28 31 23 00-2027	EA	Red, Ceiling Mounted, Trim Ring (System Sensor TRC).....	14.44	4.30
28 31 23 00-2028	EA	White, Ceiling Mounted, Trim Ring (System Sensor TRCW).....	14.44	4.30
28 31 23 00-2029	EA	Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS).....	12.56	4.30
28 31 23 00-2030	EA	White, Wall Mounted, Trim Ring (System Sensor TRW).....	14.44	4.30
28 31 23 00-2031	EA	Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R).....	18.36	
28 31 23 00-2032	EA	Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC).....	25.46	
28 31 23 00-2033	EA	White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W).....	18.36	
28 31 23 00-2034	EA	White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC).....	25.46	
28 31 23 00-2035	Chimes (28 31 23 00-1813)			
28 31 23 00-2036	EA	Red, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHR).....	100.48	32.24
28 31 23 00-2037	EA	White, 12/24 VDC, Ceiling Or Wall Mounted Chime (System Sensor CHW).....	100.48	32.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-2038			Chime/Strobes (28 31 23 00-1813)		
28 31 23 00-2039	EA		Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSR)	175.68	32.24
28 31 23 00-2040	EA		White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 VDC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSW)	175.68	32.24
28 31 23 00-2041			Carbon Monoxide Detectors (28 31 23 00-1813)		
28 31 23 00-2042	EA		Conventional Carbon Monoxide Detector (System Sensor CO1224)	187.17	42.98
28 31 23 00-2043	EA		Round, Sounder And Trouble Relay With Test Function, 12/24 VDC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR)	165.68	32.24
28 31 23 00-2044	EA		CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE)	11.80	4.30
28 31 23 00-2045			Switches (28 31 23 00-1813)		
28 31 23 00-2046	EA		SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1)	139.18	17.20
28 31 23 00-2047	EA		Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	155.18	17.20
28 31 23 00-2048	EA		SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1)	139.18	17.20
28 31 23 00-2049	EA		Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	155.18	17.20
28 31 23 00-2050	EA		Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	142.38	17.20
28 31 23 00-2051	EA		Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2)	134.38	17.20
28 31 23 00-2052			Low Frequency Sounders (28 31 23 00-1813)		
28 31 23 00-2053	EA		Red, Low Frequency Sounder (System Sensor HR-LF)	126.88	32.24
28 31 23 00-2054	EA		White, Low Frequency Sounder (System Sensor HW-LF)	126.88	32.24
28 31 23 00-2055			Sync Modules (28 31 23 00-1813)		
28 31 23 00-2056	EA		Red, 12/24 VDC, Sync Module (System Sensor MDL3R)	110.98	21.50
28 31 23 00-2057	EA		White, 12/24 VDC, Sync Module (System Sensor MDL3W)	110.98	21.50
28 31 23 00-2058			Relays (28 31 23 00-1813)		
28 31 23 00-2059	EA		Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E)	63.74	17.20
28 31 23 00-2060	EA		SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T)	41.02	10.74
28 31 23 00-2061	EA		4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E)	115.90	10.74
28 31 23 00-2062	EA		4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T)	85.70	10.74
28 31 23 00-2063	EA		Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E)	68.30	17.20
28 31 23 00-2064	EA		DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	42.30	10.74
28 31 23 00-2065	EA		4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E)	130.30	10.74
28 31 23 00-2066	EA		4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	97.50	10.74
28 31 23 00-2067	EA		18 To 35 VDC, 18 To 35 VAC, 120 VAC, SPDT Multivoltage Relay (System Sensor PR-1)	35.90	10.74
28 31 23 00-2068	EA		10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-2)	35.90	10.74
28 31 23 00-2069	EA		Redundant Power Input, 10 To 40 VDC, SPDT Multivoltage Relay (System Sensor PR-3)	35.90	10.74
28 31 23 00-2070			Wheelock Fire Alarm (28 31 23)		
28 31 23 00-2071			Ceiling Mounted Chimes/Strobes (28 31 23 00-2070)		
28 31 23 00-2072	EA		White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 VDC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW)	203.68	32.24
28 31 23 00-2073			Wall Mounted Chimes/Strobes (28 31 23 00-2070)		
28 31 23 00-2074	EA		Red, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR)	203.68	32.24
28 31 23 00-2075	EA		White, Selectable Candela (15, 30, 75, 110 Candela), 24 VDC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW)	203.68	32.24
28 31 23 00-2076			Ceiling Mounted Horns/Strobes (28 31 23 00-2070)		
28 31 23 00-2077	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	129.28	32.24
28 31 23 00-2078	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	129.28	32.24
28 31 23 00-2079			Wall Mounted Horns/Strobes (28 31 23 00-2070)		
28 31 23 00-2080	EA		Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	138.08	32.24
28 31 23 00-2081	EA		Red, 24 VDC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	155.68	32.24
28 31 23 00-2082	EA		Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	145.28	32.24
28 31 23 00-2083	EA		White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	145.28	32.24
28 31 23 00-2084	EA		Red, Flush, 24 VAC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	148.48	32.24
28 31 23 00-2085	EA		Red, 24 VAC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	142.48	32.24
28 31 23 00-2086	EA		Red, 115 VAC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	142.08	32.24
28 31 23 00-2087	EA		Red, Weatherproof, 24 VDC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	160.28	36.54
28 31 23 00-2088	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	129.68	32.24
28 31 23 00-2089	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	129.68	32.24

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 31 Fire Detection And Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-2090			Ceiling Mounted Strobes (28 31 23 00-2070)		
28 31 23 00-2091	EA		Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	116.08	32.24
28 31 23 00-2092	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	116.08	32.24
28 31 23 00-2093	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	118.08	32.24
28 31 23 00-2094	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	118.08	32.24
28 31 23 00-2095			Wall Mounted Strobes (28 31 23 00-2070)		
28 31 23 00-2096	EA		Red, Multi-Candela, 24 VDC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	176.48	32.24
28 31 23 00-2097	EA		Red, Retrofit Plate, 12 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	144.48	32.24
28 31 23 00-2098	EA		Red, 24 VDC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	127.68	32.24
28 31 23 00-2099	EA		Red, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	119.68	32.24
28 31 23 00-2100	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	119.68	32.24
28 31 23 00-2101	EA		Red, Retrofit Plate, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	131.28	32.24
28 31 23 00-2102	EA		Outdoor, Red, 24 VDC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR)	135.48	36.54
			Note: Requires WPSBB-R.		
28 31 23 00-2103	EA		Red, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	118.08	32.24
28 31 23 00-2104	EA		White, Two Wire, 12/24 VDC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	118.08	32.24
28 31 23 00-2105			Ceiling Mounted Speakers/Strobes (28 31 23 00-2070)		
28 31 23 00-2106	EA		Red, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	154.08	32.24
28 31 23 00-2107	EA		White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	154.08	32.24
28 31 23 00-2108	EA		White, 24 VDC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	152.48	32.24
28 31 23 00-2109	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	154.08	32.24
28 31 23 00-2110	EA		White, 24 VDC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCCH-FW)	164.08	32.24
28 31 23 00-2111	EA		White, 24 VDC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	167.68	32.24
28 31 23 00-2112			Wall Mounted Speakers/Strobes (28 31 23 00-2070)		
28 31 23 00-2113	EA		Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR)	169.28	32.24
28 31 23 00-2114	EA		White, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW)	169.28	32.24
28 31 23 00-2115	EA		Red, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR)	164.08	32.24
28 31 23 00-2116	EA		White, 24 VDC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW)	164.08	32.24
28 31 23 00-2117	EA		Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR)	154.08	32.24
28 31 23 00-2118	EA		White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW)	150.88	32.24
28 31 23 00-2119	EA		Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR)	164.08	32.24
28 31 23 00-2120	EA		White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW)	164.08	32.24
28 31 23 00-2121	EA		Red, Square, 24 VDC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR)	167.68	32.24
28 31 23 00-2122	EA		Red, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR)	154.08	32.24
28 31 23 00-2123	EA		White, Square, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW)	150.88	32.24
28 31 23 00-2124	EA		Red, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR)	164.08	32.24
28 31 23 00-2125	EA		White, 24 VDC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW)	167.68	32.24
28 31 23 00-2126	EA		Red, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR)	167.68	32.24
28 31 23 00-2127	EA		White, 24 VDC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW)	167.68	32.24
28 31 23 00-2128	EA		Weatherproof, Red, 24 VDC, 75 Candela, Wall Mounted Speaker Strobe (Wheelock ET70WP-2475 W-FR)	183.08	36.54
			Note: Requires weatherproof backbox (IOB).		
28 31 23 00-2129			Electric Alarm Bells (28 31 23 00-2070)		
28 31 23 00-2130	EA		6", 24 VDC, Red, Vibrating Bell (Wheelock 43T-G6-24-R)	132.08	32.24
28 31 23 00-2131	EA		6", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G6-115-R)	132.08	32.24
28 31 23 00-2132	EA		10", 115 VAC, Red, Vibrating Bell (Wheelock 43T-G10-115-R)	169.28	32.24
28 31 23 00-2133	EA		115 VAC, Single Stroke Bell, 10" Explosion Proof Bell (Wheelock CSX10-115-R)	1,121.88	36.54
28 31 23 00-2134	EA		Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CSXG10-115-R)	1,769.08	36.54
28 31 23 00-2135	EA		Vibrating, Outdoor, 115 VAC, Single Stroke, Red, 10" Explosion Proof Bell (Wheelock CVXG10-115-R)	1,653.08	36.54
28 31 23 00-2136	EA		6", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G6-24-R)	108.08	32.24
28 31 23 00-2137	EA		10", ADA, 24 VDC, Red, Motor Bell (Wheelock MB-G10-24-R)	126.88	32.24
28 31 23 00-2138			Horns (28 31 23 00-2070)		
28 31 23 00-2139	EA		Two Wire, 24 VDC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non Sync Horn (Wheelock AH-24WP-R)	96.48	32.24
28 31 23 00-2140	EA		Red, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNR)	96.08	32.24
28 31 23 00-2141	EA		White, Two Wire, 12/24 VDC, Wall Mounted Horn (Wheelock HNW)	96.08	32.24
28 31 23 00-2142	EA		Red, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNR)	96.48	32.24
28 31 23 00-2143	EA		White, Two Wire, 12/24 VDC, Ceiling Mounted Horn (Wheelock HNW)	96.48	32.24
28 31 23 00-2144	EA		Red, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R)	82.88	32.24
28 31 23 00-2145	EA		White, 24 VDC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W)	82.88	32.24
28 31 23 00-2146	EA		Red, Flush, 12/24 VAC, Horn (Wheelock MT-12/24-R)	94.48	32.24
28 31 23 00-2147			Speakers (28 31 23 00-2070)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 31 23 00-2148	EA		Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-R).....	98.88	32.24
28 31 23 00-2149	EA		White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Mounted Speaker (Wheelock E50-W).....	98.88	32.24
28 31 23 00-2150	EA		Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-R).....	98.88	32.24
28 31 23 00-2151	EA		White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Ceiling Mounted Speaker (Wheelock E60-W).....	96.88	32.24
28 31 23 00-2152	EA		Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-R).....	98.88	32.24
28 31 23 00-2153	EA		White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E70-W).....	98.88	32.24
28 31 23 00-2154	EA		Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-R).....	98.88	32.24
28 31 23 00-2155	EA		White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watts, Wall Or Ceiling Mounted Speaker (Wheelock E90-W).....	98.88	32.24
28 31 23 00-2156	EA		Red, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-R).....	111.68	32.24
28 31 23 00-2157	EA		White, Flush Or Surface, Square, 1/8 - 8 Watts, Wall Mounted Speaker (Wheelock ET70-W).....	111.68	32.24
28 31 23 00-2158	EA		White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watts Ceiling Mounted Speaker (Wheelock ET90-W).....	113.28	32.24
28 31 23 00-2159	EA		Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R).....	124.88	32.24
28 31 23 00-2160	EA		Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watts, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R).....	119.68	32.24
28 31 23 00-2161	EA		Grey, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15S).....	223.68	32.24
28 31 23 00-2162	EA		Red, 1 To 15 Watts, 25/70/100 V Transformer, Loud Speaker (Wheelock STH-15SR).....	223.68	32.24
28 31 23 00-2163 Sync Modules (28 31 23 00-2070)					
28 31 23 00-2164	EA		12 Or 24 VDC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R).....	105.38	21.50
28 31 23 00-2165 Boxes, Plates And Rings (28 31 23 00-2070)					
28 31 23 00-2166	EA		4" Square, Red, Surface Backbox (Wheelock BB-R).....	28.90	10.74
28 31 23 00-2167	EA		Standard 4" Square Box (Wheelock BB-STD).....	26.78	10.74
28 31 23 00-2168	EA		Black, Backbox For UZC-256 (Wheelock BB-UZC).....	143.78	21.50
28 31 23 00-2169	EA		Red, Backbox For UZC-256 (Wheelock BB-UZC-R).....	143.78	21.50
28 31 23 00-2170	EA		9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP).....	107.18	17.20
28 31 23 00-2171	EA		Red, Extender Ring For E60 Series (Wheelock E60EXT-R).....	15.60	4.30
28 31 23 00-2172	EA		White, Extender Ring For E60 Series (Wheelock E60EXT-W).....	15.40	4.30
28 31 23 00-2173	EA		Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R).....	37.10	10.74
28 31 23 00-2174	EA		White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W).....	35.50	10.74
28 31 23 00-2175	EA		Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R).....	37.90	10.74
28 31 23 00-2176	EA		White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W).....	37.90	10.74
28 31 23 00-2177	EA		4" Square Backbox (Wheelock DBB-R).....	30.70	10.74
28 31 23 00-2178	EA		Red, Surface Backbox (Wheelock IOB-R).....	36.30	10.74
28 31 23 00-2179	EA		White, Surface, Backbox (Wheelock IOB-W).....	36.30	10.74
28 31 23 00-2180	EA		White, Indoor, Surface Extender (Wheelock ISP2-W).....	14.80	4.30
28 31 23 00-2181	EA		Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R).....	15.40	4.30
28 31 23 00-2182	EA		White, RS/RSS Strobe Trim Plate (Wheelock NATP-W).....	15.40	4.30
28 31 23 00-2183	EA		Red Retrofit Plate (Wheelock RP-R).....	17.80	4.30
28 31 23 00-2184	EA		4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4).....	25.40	4.30
28 31 23 00-2185	EA		Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R).....	37.90	10.74
28 31 23 00-2186	EA		White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W).....	37.90	10.74
28 31 23 00-2187	EA		Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R).....	40.90	10.74
28 31 23 00-2188	EA		Red, Semi-Flush Plate (Wheelock SFB-R).....	16.00	4.30
28 31 23 00-2189	EA		White, Semi-Flush Plate (Wheelock SFB-W).....	16.00	4.30
28 31 23 00-2190	EA		Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R).....	33.50	10.74
28 31 23 00-2191	EA		White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W).....	33.50	10.74
28 31 23 00-2192	EA		Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R).....	22.00	4.30
28 31 23 00-2193	EA		Red, Weatherproof Backbox (Wheelock WBB).....	47.10	10.74
28 31 23 00-2194	EA		Weather Resistant Backbox (Wheelock WBB-R).....	37.90	10.74
28 31 23 00-2195	EA		Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R).....	28.00	4.30
28 31 23 00-2196	EA		White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W).....	28.00	4.30
28 31 23 00-2197	EA		Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R).....	28.00	4.30
28 31 23 00-2198	EA		White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W).....	28.00	4.30
28 31 23 00-2199	EA		Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT).....	16.00	4.30
28 31 23 00-2200	EA		Weather Resistant Backbox For ASWP (Wheelock WPBB-R).....	39.90	10.74
28 31 23 00-2201	EA		Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R).....	37.90	10.74
28 31 23 00-2202 Fire Alarm Terminal Cabinets (28 31 23)					
28 31 23 00-2203	EA		18 Point Lockable Fire Alarm Terminal Cabinet.....	151.43	43.05
28 31 23 00-2204	EA		32 Point Lockable Fire Alarm Terminal Cabinet.....	190.64	43.05
28 31 23 00-2205	EA		64 Point Lockable Fire Alarm Terminal Cabinet.....	269.05	43.05
28 31 23 00-2206	EA		128 Point Lockable Fire Alarm Terminal Cabinet.....	347.44	43.05
28 31 23 00-2207 Test And Certification (28 31 23)					
28 31 23 00-2208	DAY		Test And Certification For Tie Into Existing Systems.....	685.47	
28 31 23 00-2209	HR		Test And Certification Of Fire Alarm System.....	111.98	
Note: GCC Programming and Engineering; Programming of the Fire Alarm System.					
28 33 Gas Detection and Alarm (28 30)					
28 33 00 00-0001 Monitoring System For Underground Tanks (28 33)					
28 33 00 00-0002 Continuous Leak Detection System (28 33 00 00-0001)					
Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.					
28 33 00 00-0003	EA		Single Channel Underground Tank Monitoring System.....	3,237.85	352.47
28 33 00 00-0004	EA		2 Channel Underground Tank Monitoring System.....	4,362.61	470.25
28 33 00 00-0005	EA		3 Channel Underground Tank Monitoring System.....	5,999.73	503.78

28 Electronic Safety And Security**28 30 Electronic Detection And Alarm****28 33 Gas Detection and Alarm**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 33 00 00-0006	EA	4 Channel Underground Tank Monitoring System	6,612.14	704.95
28 33 00 00-0007	EA	Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System.....	4,180.01	60.18
28 33 00 00-0008	EA	Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System.....	3,768.94	53.74
28 33 00 00-0009	EA	Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System.....	4,944.82	60.18
28 33 00 00-0010	EA	Tank Leak Detection Probe	1,524.52	12.90
28 33 00 00-0011	EA	Secondary Containment Collar Probe.....	189.94	5.16
28 33 00 00-0012	EA	Interstitial Leak Detection Probe	349.53	10.74
28 33 00 00-0013	EA	Liquid Phase Detection	1,150.04	32.24
28 33 00 00-0014	EA	Hydrocarbon Vapor, Fixed.....	1,064.20	32.24
28 33 00 00-0015	EA	Hydrocarbon Vapor, Float Mounted.....	1,239.96	36.54
28 33 00 00-0016	EA	Liquid And Vapor Hydrocarbon.....	1,411.65	36.54

28 33 00 00-0017 Hydrogen Gas Detection (28 33)

28 33 00 00-0018	EA	Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,022.50	32.29
28 33 00 00-0019	EA	Hydrogen Gas Detector Junction Box (SBS HGDI-JB).....	58.99	10.76
28 33 00 00-0020	EA	Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	273.29	32.29

28 34 Fuel-Oil Detection and Alarm (28 30)

See CSI section 28 33 00 00-0000 for detection and alarms.

END OF SECTION 28

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 Earthwork

31 05 Common Work Results For Earthwork⁽³¹⁾

31 05 13 Soils For Earthwork^(31 05)

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 05 13 00-0001 Fill Material (Loose, Purchased Material)^(31 05 13)

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 05 13 00-0002	CY Sand, Bank Run.....	29.65	
	For Up To 10, Add	8.34	
	For >10 To 25, Add	2.97	
31 05 13 00-0003	CY 3/8" Minus, ASTM C33, Screened/Washed Bedding Sand.....	30.63	
	For Up To 10, Add	8.64	
	For >10 To 25, Add	3.06	
31 05 13 00-0004	CY Native Clean Fill Soil/Dirt - Common	18.01	
	For Up To 10, Add	4.85	
	For >10 To 25, Add	1.80	
31 05 13 00-0005	CY Crushed Lime Rock Maximum 3-1/2"	20.82	
	For Up To 10, Add	5.70	
	For >10 To 25, Add	2.08	
31 05 13 00-0006	CY Asphalt Sand.....	27.94	
	For Up To 10, Add	7.83	
	For >10 To 25, Add	2.79	
31 05 13 00-0007	CY Sand/Clay	29.10	
	For Up To 10, Add	8.18	
	For >10 To 25, Add	2.91	
31 05 13 00-0008	CY Recycled Concrete Aggregate.....	37.87	
	For Up To 10, Add	10.81	
	For >10 To 25, Add	3.79	
31 05 13 00-0009	CY Sand Fill, Washed Aggregate	38.74	
	For Up To 10, Add	11.07	
	For >10 To 25, Add	3.87	
31 05 13 00-0010	CY Pond Sand.....	18.90	
	For Up To 10, Add	5.12	
	For >10 To 25, Add	1.89	

31 05 16 Aggregates For Earthwork^(31 05)

See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material)^(31 05 16)

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 05 16 00-0002	CY #2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean).....	31.26	
	For Up To 10, Add	8.83	
	For >10 To 25, Add	3.13	
31 05 16 00-0003	CY #3 Stone Aggregate Fill (1" To 2" Clean).....	27.67	
	For Up To 10, Add	7.75	
	For >10 To 25, Add	2.77	
31 05 16 00-0004	CY #4 Stone Aggregate Fill (3/4" To 1-1/2" Clean).....	28.12	
	For Up To 10, Add	7.89	
	For >10 To 25, Add	2.81	
31 05 16 00-0005	CY #5 Stone Aggregate Fill (1/2" To 1" Clean).....	30.29	
	For Up To 10, Add	8.54	
	For >10 To 25, Add	3.03	
31 05 16 00-0006	CY #6 Stone Aggregate Fill (3/8" To 3/4" Clean).....	30.72	
	For Up To 10, Add	8.67	
	For >10 To 25, Add	3.07	
31 05 16 00-0007	CY #56 Stone Aggregate Fill (3/8" To 1").....	31.61	
	For Up To 10, Add	8.93	
	For >10 To 25, Add	3.16	
31 05 16 00-0008	CY #57 Stone Aggregate Fill (#4 To 1").....	32.14	
	For Up To 10, Add	9.09	
	For >10 To 25, Add	3.21	
31 05 16 00-0009	CY #67 Or #68 Stone Aggregate Fill (#4 To 3/4").....	32.63	
	For Up To 10, Add	9.24	
	For >10 To 25, Add	3.26	
31 05 16 00-0010	CY #7 Stone Aggregate Fill (1/2" To #4).....	32.72	
	For Up To 10, Add	9.27	
	For >10 To 25, Add	3.27	
31 05 16 00-0011	CY #78 Stone Aggregate Fill (#8 To 1/2").....	33.61	
	For Up To 10, Add	9.53	
	For >10 To 25, Add	3.36	
31 05 16 00-0012	CY #8 Stone Aggregate Fill (3/8" x 1/8").....	34.50	
	For Up To 10, Add	9.80	
	For >10 To 25, Add	3.45	
31 05 16 00-0013	CY #89 Stone Aggregate Fill (#16 To 3/8").....	34.63	
	For Up To 10, Add	9.84	
	For >10 To 25, Add	3.46	
31 05 16 00-0014	CY #9 Stone Aggregate Fill (1/4" Clean).....	34.78	
	For Up To 10, Add	9.88	
	For >10 To 25, Add	3.48	

31 Earthwork
31 05 Common Work Results For Earthwork
31 05 16 Aggregates For Earthwork

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

31 05 16 00-0015	CY	#10 Stone Aggregate Fill (#8 To 3/4)	36.13	
		For Up To 10, Add	10.29	
		For >10 To 25, Add	3.61	
31 05 16 00-0016	CY	#610 Modified Stone Aggregate Fill (#16 To 3/4)	33.42	
		For Up To 10, Add	9.48	
		For >10 To 25, Add	3.34	
31 05 16 00-0017	CY	Screenings Stone Aggregate Fill	26.86	
		For Up To 10, Add	7.51	
		For >10 To 25, Add	2.69	
31 05 16 00-0018	CY	Stone Aggregate Fill, Random Size, Over 6" To 12"	36.80	
		For Up To 10, Add	10.49	
		For >10 To 25, Add	3.68	
31 05 16 00-0019	CY	Graded Stone Aggregate Fill, Over 6" To 12"	40.68	
		For Up To 10, Add	11.65	
		For >10 To 25, Add	4.07	
31 05 16 00-0020	CY	Surge Stone Aggregate Fill (3" To 7" Random)	32.57	
		For Up To 10, Add	9.22	
		For >10 To 25, Add	3.26	
31 05 16 00-0021	CY	Surge Stone Graded Aggregate Fill (3" To 7")	37.72	
		For Up To 10, Add	10.77	
		For >10 To 25, Add	3.77	
31 05 16 00-0022	CY	Crusher Run Aggregate Fill (2-1/2" Minus)	31.13	
		For Up To 10, Add	8.79	
		For >10 To 25, Add	3.11	
31 05 16 00-0023	CY	Crusher Run Aggregate Fill (1-1/2" Minus)	30.25	
		For Up To 10, Add	8.52	
		For >10 To 25, Add	3.03	
31 05 16 00-0024	CY	Crusher Run Aggregate Fill (3/4" Minus)	27.23	
		For Up To 10, Add	7.62	
		For >10 To 25, Add	2.72	

31 05 36 Equipment Delivery, Pickup, Mobilization And Demobilization ⁽³¹⁾

⁽⁰⁵⁾ See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing ⁽³¹⁾

31 11 Clearing And Grubbing ^(31 10)

31 11 00 00-0001 Clear And Grub Roots And Stumps ^(31 11)

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR	Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip	6,283.44	
		Note: Includes grub and removal of stump		
31 11 00 00-0003	ACR	Clear And Grub Light Stumps Only Up To 6" Diameter	1,448.14	
31 11 00 00-0004	ACR	Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip	7,330.69	
		Note: Includes grub and removal of stump		
31 11 00 00-0005	ACR	Clear And Grub Medium Stumps Only Up To 10" Diameter	2,413.57	
31 11 00 00-0006	ACR	Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip	8,330.32	
		Note: Includes grub and removal of stump		
31 11 00 00-0007	ACR	Clear And Grub Heavy Stumps Only Up To 16" Diameter	2,743.02	
31 11 00 00-0008	ACR	Clearing By Machine - Light Brush Without Grub	239.38	
31 11 00 00-0009	ACR	Clearing By Machine - Medium Brush Without Grub	485.66	
31 11 00 00-0010	ACR	Clearing By Machine - Heavy Brush Without Grub	688.63	
31 11 00 00-0011	ACR	Chipping - Light Brush	1,955.20	
31 11 00 00-0012	ACR	Chipping - Medium Brush	2,513.95	
31 11 00 00-0013	ACR	Chipping - Heavy Brush	3,519.85	

31 11 00 00-0014 Loading Of Cleared And Grubbed Material ^(31 11)

See CSI section 01 74 19 00-0038 for hauling.

31 11 00 00-0015	CY	Machine Loading Of Cleared And Grubbed Material	8.20	
31 11 00 00-0016	CY	Chute Loading Of Cleared And Grubbed Material	9.84	
31 11 00 00-0017	CY	Hand Loading Of Cleared And Grubbed Material	31.86	
31 11 00 00-0018	CY	Wheel And Ramp Loading Of Cleared And Grubbed Material	25.03	

31 13 Selective Tree And Shrub Removal And Trimming ^(31 10)

31 13 13 Selective Tree And Shrub Removal ^(31 13)

31 13 13 00-0001 Individual Tree Removal ^(31 13 13)

Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.

31 13 13 00-0002	EA	Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal	458.17	
		Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0003	EA	>6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	687.25	
		Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0004	EA	>12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	916.33	
		Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0005	EA	>24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal	1,374.50	
		Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0006	EA	>36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal	1,832.67	
		Note: Includes cutting up tree, chipping and loading.		

Earthwork	31	15
Site Clearing	31 10	
Selective Tree And Shrub Removal And Trimming	31 13	

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

31 13 13 00-0007	Stump Removal <small>(31 13 13)</small> Note: Measured by diameter of stump.	
31 13 13 00-0008	Stump Removal By Machine <small>(31 13 13 00-0007)</small>	
31 13 13 00-0009	EA Up To 6" Diameter Stump Removal.....72.41 Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0010	EA >6" To 12" Diameter Stump Removal..... 138.78 Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0011	EA >12" To 24" Diameter Stump Removal..... 181.02 Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0012	EA >24" To 36" Diameter Stump Removal..... 271.53 Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0013	EA >36" To 48" Diameter Stump Removal..... 319.81 Note: Includes excavation necessary to remove stump and loading.	
31 13 13 00-0014	Stump Removal By Hand <small>(31 13 13 00-0007)</small>	
31 13 13 00-0015	EA Up To 6" Diameter Stump Removal By Hand.....481.51 Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0016	EA >6" To 12" Diameter Stump Removal By Hand 601.89 Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0017	EA >12" To 24" Diameter Stump Removal By Hand 882.78 Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0018	EA >24" To 36" Diameter Stump Removal By Hand 1,203.78 Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0019	EA >36" To 48" Diameter Stump Removal By Hand 1,605.05 Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	
31 13 13 00-0020	Stump Grinding <small>(31 13 13)</small> Note: Measured by diameter of stump.	
31 13 13 00-0021	Stump Grinding, 18" Deep Below Surface Of Soil <small>(31 13 13 00-0020)</small> Note: Level soil to match existing surface area.	
31 13 13 00-0022	EA Stump Grinding Up To 6" Tree .....91.48 <i>For 24" Depth, Add</i> 18.30	
31 13 13 00-0023	EA Stump Grinding >6" To 12" Tree.....121.97 <i>For 24" Depth, Add</i> 24.39	
31 13 13 00-0024	EA Stump Grinding >12" To 15" Tree..... 137.21 <i>For 24" Depth, Add</i> 27.44	
31 13 13 00-0025	EA Stump Grinding >15" To 18" Tree..... 152.46 <i>For 24" Depth, Add</i> 30.49	
31 13 13 00-0026	EA Stump Grinding >18" To 21" Tree..... 163.89 <i>For 24" Depth, Add</i> 32.78	
31 13 13 00-0027	EA Stump Grinding >21" To 24" Tree..... 175.32 <i>For 24" Depth, Add</i> 35.06	
31 13 13 00-0028	EA Stump Grinding >24" To 27" Tree..... 190.57 <i>For 24" Depth, Add</i> 38.11	
31 13 13 00-0029	EA Stump Grinding >27" To 30" Tree..... 206.75 <i>For 24" Depth, Add</i> 41.35	
31 13 13 00-0030	EA Stump Grinding >30" To 33" Tree..... 229.73 <i>For 24" Depth, Add</i> 45.95	
31 13 13 00-0031	EA Stump Grinding >33" To 36" Tree..... 245.04 <i>For 24" Depth, Add</i> 49.01	
31 13 13 00-0032	EA Stump Grinding >36" To 42" Tree..... 275.68 <i>For 24" Depth, Add</i> 55.14	
31 13 13 00-0033	EA Stump Grinding >42" To 48" Tree..... 306.31 <i>For 24" Depth, Add</i> 61.26	
31 13 13 00-0034	Shrub Removal, Dig And Lace <small>(31 13 13)</small>	
31 13 13 00-0035	EA Remove 18" To 24" Shrub, Broadleaf Evergreen .....34.68	
31 13 13 00-0036	EA Remove 2' To 3' Shrub, Broadleaf Evergreen.....54.38	
31 13 13 00-0037	EA Remove 3' To 4' Shrub, Broadleaf Evergreen.....63.05	
31 13 13 00-0038	EA Remove 4' To 5' Shrub, Broadleaf Evergreen.....94.58	
31 13 13 00-0039	EA Remove 12" To 15" Shrub, Deciduous 17.34	
31 13 13 00-0040	EA Remove 18" To 24" Shrub, Deciduous .....26.80	
31 13 13 00-0041	EA Remove 2' To 3' Shrub, Deciduous 34.68	
31 13 13 00-0042	EA Remove 3' To 4' Shrub, Deciduous 37.84	
31 13 13 00-0043	EA Remove 18" To 24" Shrub, Evergreen..... 34.68	
31 13 13 00-0044	EA Remove 24" To 30" Shrub, Evergreen..... 37.84	
31 13 13 00-0045	EA Remove 30" To 36" Shrub, Evergreen.....54.38	
31 13 13 00-0046	EA Remove 36" To 42" Shrub, Evergreen..... 94.58	

31 13 16 Selective Tree And Shrub Trimming (31 13 16)

31 13 16 00-0001	Tree Trimming For Pole Line Construction And Maintenance <small>(31 13 16)</small> Note: Area to be vertical cleared (to include overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.	
31 13 16 00-0002	LF Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction .....1.54	

31 Earthwork**31 10 Site Clearing****31 13 Selective Tree And Shrub Removal And Trimming**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

31 13 16 00-0003	LF	Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.32
31 13 16 00-0004	LF	Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction.....	2.72

31 20 Earth Moving⁽³¹⁾

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation And Fill^(31 20)**31 23 16 Excavation**^(31 23)**31 23 16 13 Trenching**^(31 23 16)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine^(31 23 16 13)

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	7.97
		<i>For Excavation In Light Material (Class A), Deduct</i>	-1.00
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	3.19
		<i>For Up To 20, Add</i>	6.38
		<i>For >20 To 50, Add</i>	3.99
		<i>For >50 To 250, Add</i>	1.99
		<i>For >500 To 1,000, Deduct</i>	-1.20
		<i>For >1,000, Deduct</i>	-2.39
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	5.12
		<i>For Excavation In Light Material (Class A), Deduct</i>	-0.64
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.05
		<i>For Up To 20, Add</i>	4.10
		<i>For >20 To 50, Add</i>	2.56
		<i>For >50 To 250, Add</i>	1.28
		<i>For >500 To 1,000, Deduct</i>	-0.77
		<i>For >1,000, Deduct</i>	-1.54
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	13.18
		<i>For Up To 20, Add</i>	10.54
		<i>For >20 To 50, Add</i>	6.59
		<i>For >50 To 250, Add</i>	3.30
		<i>For >500 To 1,000, Deduct</i>	-1.98
		<i>For >1,000, Deduct</i>	-3.95
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	9.10
		<i>For Up To 20, Add</i>	7.28
		<i>For >20 To 50, Add</i>	4.55
		<i>For >50 To 250, Add</i>	2.28
		<i>For >500 To 1,000, Deduct</i>	-1.37
		<i>For >1,000, Deduct</i>	-2.73

31 23 16 13-0006 Direct Burial (Plowed-in) Cable Or Piping By Machine^(31 23 16 13)

Note: Includes trench, backfill, compaction and restoration of final grade.

31 23 16 13-0007	LF	Direct Burial of Cable or Piping up to 12" Deep	1.65
31 23 16 13-0008	LF	Direct Burial of Cable or Piping >12" to 24" Deep	1.82
31 23 16 13-0009	LF	Direct Burial of Cable or Piping >24" to 36" Deep	2.59
31 23 16 13-0010	LF	Direct Burial of Cable or Piping >36" to 48" Deep	2.93

31 23 16 13-0011 Excavation For Trenching By Hand^(31 23 16 13)

31 23 16 13-0012	CY	Excavation For Trenching By Hand In Soil	105.13
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	
31 23 16 13-0013	CY	Excavation For Trenching By Hand In Loose Rock	180.35
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	

31 23 16 13-0014 Backfilling Or Placing Subbase For Trenches^(31 23 16 13)

Note: With imported or stockpiled materials.

31 23 16 13-0015	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	2.77
		<i>For Up To 20, Add</i>	2.22
		<i>For >20 To 50, Add</i>	1.39
		<i>For >50 To 250, Add</i>	0.69
		<i>For >500 To 1,000, Deduct</i>	-0.42
		<i>For >1,000, Deduct</i>	-0.83
31 23 16 13-0016	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	29.21

31 23 16 13-0017 Compaction Of Fill Or Subbase For Trenches^(31 23 16 13)

Note: Includes restoration of final grade.

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
31 23 16 13-0018	CY Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera.....	6.07		
	<i>For Up To 20, Add</i>	4.86		
	<i>For >20 To 50, Add</i>	3.04		
	<i>For >50 To 250, Add</i>	1.52		
	<i>For >500 To 1,000, Deduct</i>	-0.91		
	<i>For >1,000, Deduct</i>	-1.82		
31 23 16 13-0019	CY Compaction of Fill or Subbase for Trenches by Hand	32.94		
31 23 16 13-0020	Loading Excess Material For Removal From Excavation For Trenches ^(31 23 16 13)			
	¹³⁾ Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.			
31 23 16 13-0021	CY Load Excess Material by Machine for Removal from Excavation for Trenching	4.82		
	<i>For Up To 20, Add</i>	3.86		
	<i>For >20 To 50, Add</i>	2.41		
	<i>For >50 To 250, Add</i>	1.21		
	<i>For >500 To 1,000, Deduct</i>	-0.72		
	<i>For >1,000, Deduct</i>	-1.45		
31 23 16 13-0022	CY Load Excess Material by Hand for Removal from Excavation for Trenching	77.10		
31 23 16 13-0023	Spread Excess Or Imported Material For Trenches ^(31 23 16 13)			
	Note: Includes hand work by laborer for clean-up.			
31 23 16 13-0024	CY Spread Excess Or Imported Material On Site With Machine	2.20		
	<i>For Up To 20, Add</i>	1.76		
	<i>For >20 To 50, Add</i>	1.10		
	<i>For >50 To 250, Add</i>	0.55		
	<i>For >500 To 1,000, Deduct</i>	-0.33		
	<i>For >1,000, Deduct</i>	-0.66		
31 23 16 13-0025	Utility Chain Trencher ^(31 23 16 13)			
31 23 16 13-0026	Utility Trench, Chain Trencher ^(31 23 16 13-0025)			
	Note: Earth left adjacent to trench.			
31 23 16 13-0027	LF 4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	0.93		
31 23 16 13-0028	LF 4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.01		
31 23 16 13-0029	LF 4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.06		
31 23 16 13-0030	LF 6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.12		
31 23 16 13-0031	LF 6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.22		
31 23 16 13-0032	LF 6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.39		
31 23 16 13-0033	LF 6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	1.67		
31 23 16 13-0034	LF 8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.58		
31 23 16 13-0035	LF 8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.86		
31 23 16 13-0036	LF 8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.11		
31 23 16 13-0037	LF 8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.51		
31 23 16 13-0038	Backfill Trenches With Compaction ^(31 23 16 13-0025)			
31 23 16 13-0039	LF Backfill 4" Wide, 12" Deep Trench, With Compaction.....	0.15		
31 23 16 13-0040	LF Backfill 4" Wide, 18" Deep Trench, With Compaction.....	0.23		
31 23 16 13-0041	LF Backfill 4" Wide, 24" Deep Trench, With Compaction.....	0.30		
31 23 16 13-0042	LF Backfill 6" Wide, 12" Deep Trench, With Compaction.....	0.23		
31 23 16 13-0043	LF Backfill 6" Wide, 18" Deep Trench, With Compaction.....	0.30		
31 23 16 13-0044	LF Backfill 6" Wide, 24" Deep Trench, With Compaction.....	0.45		
31 23 16 13-0045	LF Backfill 6" Wide, 36" Deep Trench, With Compaction.....	0.65		
31 23 16 13-0046	LF Backfill 8" Wide, 12" Deep Trench, With Compaction.....	0.30		
31 23 16 13-0047	LF Backfill 8" Wide, 18" Deep Trench, With Compaction.....	0.45		
31 23 16 13-0048	LF Backfill 8" Wide, 24" Deep Trench, With Compaction.....	0.60		
31 23 16 13-0049	LF Backfill 8" Wide, 36" Deep Trench, With Compaction.....	0.91		
31 23 16 26	Rock Removal ^(31 23 16)			
31 23 16 26-0001	Rock Breaking By Machine ^(31 23 16 26)			
	Note: Excludes excavation of broken-up rock.			
31 23 16 26-0002	CY Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone)	18.74		
31 23 16 26-0003	CY Rock Breaking By Machine, Medium Metamorphic Rock (Slate).....	19.99		
31 23 16 26-0004	CY Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt)	23.74		
31 23 16 33	Bulk Excavation ^(31 23 16)			
	Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material.			
31 23 16 33-0001	Excavation ^(31 23 16 33)			
	Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.			
31 23 16 33-0002	CY Bulk Excavation by Dozer in Soil	6.90		
	<i>For Excavation In Light Material (Class A), Deduct</i>	-0.86		
	<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.76		
	<i>For >1,000, Deduct</i>	-1.04		
31 23 16 33-0003	CY Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil	4.13		
	<i>For Excavation In Light Material (Class A), Deduct</i>	-0.52		
	<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	1.65		
	<i>For >1,000, Deduct</i>	-0.62		
31 23 16 33-0004	CY Bulk Excavation by Dozer in Loose Rock	8.48		
	<i>For >1,000, Deduct</i>	-1.27		

31 Earthwork**31 20 Earth Moving****31 23 Excavation And Fill**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 23 16 33-0005	CY	Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock..... <i>For >1,000, Deduct</i>	5.09	-0.76
	31 23 16 33-0006		Spreading, Shaping And Rough Grading <small>(31 23 16 33)</small> Note: Imported or stockpiled material for bulk excavation.		
	31 23 16 33-0007	CY	Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine..... <i>For >1,000, Deduct</i>	4.26	-0.64
	31 23 16 33-0008		Cutting, Shaping and Rough Grading Of Existing Elevations <small>(31 23 16 33)</small> Note: For bulk excavation.		
	31 23 16 33-0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine..... <i>For >1,000, Deduct</i>	4.73	-0.71
	31 23 16 33-0010		Relocating On Site Excavated Material From Excavation <small>(31 23 16 33)</small> Note: For bulk excavation.		
	31 23 16 33-0011	CY	Relocating On Site Excavated Material From Bulk Excavation >100' to 300'..... <i>For >1,000, Deduct</i>	3.79	-0.57
	31 23 16 33-0012	CY	Relocating On Site Excavated Material From Bulk Excavation >300' to 500'..... <i>For >1,000, Deduct</i>	5.68	-0.85
	31 23 16 33-0013	CY	Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'..... <i>For >1,000, Deduct</i>	8.51	-1.28
	31 23 16 33-0014	CY	Relocating On Site Excavated Material From Bulk Excavation >1,000'..... <i>For >1,000, Deduct</i>	11.35	-1.70
	31 23 16 33-0015		Finish Grading <small>(31 23 16 33)</small> Note: For bulk excavation.		
	31 23 16 33-0016	SY	Finish Grading for Bulk Excavation by Machine.....	0.47	
	31 23 16 33-0017		Compaction Of Fill Or Subbase, Per Lift <small>(31 23 16 33)</small> Note: For bulk excavation. See CSI section 31 23 23 23-0001 for compaction water.		
	31 23 16 33-0018	SY	Compaction of Fill or Subbase for Bulk Excavation by Machine..... Note: Per Lift	0.50	
	31 23 16 33-0019		Loading Excess Material For Removal From Excavation <small>(31 23 16 33)</small> Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
	31 23 16 33-0020	CY	Loading Excess Material For Removal From Bulk Excavation..... <i>For >1,000, Deduct</i>	3.98	-0.60
	31 23 16 36		Excavation For Building Foundations And Other Structures <small>(31 23 16)</small> Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
	31 23 16 36-0001		Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures by machine. Includes stockpiling excess materials within 100' of point of excavation, shaping, trimming and rough grading excavation.		
	31 23 16 36-0002		Excavation For Building Foundations And Other Structures By Bobcat <small>(31 23 16 36-0001)</small>		
	31 23 16 36-0003	CY	Excavation For Building Foundations And Other Structures By Bobcat In Soil..... <i>For Excavation In Light Material (Class A), Deduct</i>	6.55	-0.82
			<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.62	
			<i>For Up To 20, Add</i>	6.55	
			<i>For >20 To 50, Add</i>	4.91	
			<i>For >50 To 250, Add</i>	2.62	
			<i>For >250 To 500, Add</i>	0.98	
	31 23 16 36-0004	CY	Excavation For Building Foundations And Other Structures By Bobcat In Loose Rock.....	8.05	
			<i>For Up To 20, Add</i>	8.05	
			<i>For >20 To 50, Add</i>	6.04	
			<i>For >50 To 250, Add</i>	3.22	
			<i>For >250 To 500, Add</i>	1.21	
	31 23 16 36-0005		Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader <small>(31 23 16 36-0001)</small>		
	31 23 16 36-0006	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil..... <i>For Excavation In Light Material (Class A), Deduct</i>	4.96	-0.62
			<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	1.98	
			<i>For Up To 20, Add</i>	4.96	
			<i>For >20 To 50, Add</i>	3.72	
			<i>For >50 To 250, Add</i>	1.98	
			<i>For >250 To 500, Add</i>	0.74	
	31 23 16 36-0007	CY	Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock.....	5.90	
			<i>For Up To 20, Add</i>	5.90	
			<i>For >20 To 50, Add</i>	4.43	
			<i>For >50 To 250, Add</i>	2.36	
			<i>For >250 To 500, Add</i>	0.89	

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

31 23 16 36-0008			Excavation For Building Foundations And Other Structures By Hand <small>(31 23 16 36-0001)</small> Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009	CY		Excavation For Building Foundations And Other Structures By Hand in Soil <i>For Excavation In Light Material (Class A), Deduct</i> <i>For Excavation In Heavy/Wet Material (Class C), Add</i>	105.13 -13.14 42.05	
31 23 16 36-0010	CY		Excavation For Building Foundations And Other Structures By Hand in Loose Rock.....	180.35	
31 23 16 36-0011			Relocating On Site Excavated Material From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures over 100'.		
31 23 16 36-0012	CY		Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >100' to 300' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	3.79 3.79 2.84 1.52 0.57	
31 23 16 36-0013	CY		Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >300' to 500' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	5.68 5.68 4.26 2.27 0.85	
31 23 16 36-0014	CY		Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >500' to 1,000' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	8.51 8.51 6.38 3.40 1.28	
31 23 16 36-0015	CY		Relocating On Site Excavated Material From Excavation For Building Foundations and Other Structures >1,000' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	11.35 11.35 8.51 4.54 1.70	
31 23 16 36-0016			Backfilling <small>(31 23 16 36)</small> Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading.		
31 23 16 36-0017	CY		Backfilling Around Building Foundations And Other Structures By Bobcat..... <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	3.19 3.19 2.39 1.28 0.48	
31 23 16 36-0018	CY		Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	3.84 3.84 2.88 1.54 0.58	
31 23 16 36-0019	CY		Backfilling Around Building Foundations And Other Structures By Hand	50.06	
31 23 16 36-0020			Compaction Of Fill Or Subbase <small>(31 23 16 36)</small> Note: For building foundations and other structures. See CSI section 31 23 23-0001 for compaction water.		
31 23 16 36-0021	CY		Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	9.62 9.62 7.22 3.85 1.44	
31 23 16 36-0022	CY		Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	32.94	
31 23 16 36-0023			Grading <small>(31 23 16 36)</small> Note: For building foundations and other structures.		
31 23 16 36-0024	SY		Rough Grading For Building Foundations And Other Structures by Machine.....	0.81	
31 23 16 36-0025	SY		Finish Grading For Building Foundations And Other Structures by Machine.....	1.32	
31 23 16 36-0026	SY		Finish Grading For Building Foundations And Other Structures by Hand.....	9.74	
31 23 16 36-0027			Loading Excess Material For Removal From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling.		
31 23 16 36-0028	CY		Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	4.16 4.16 3.12 1.66 0.62	
31 23 16 36-0029	CY		Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand.....	77.10	
31 23 16 36-0030			Spread Material <small>(31 23 16 36)</small> Note: For building foundations and other structures.		
31 23 16 36-0031	CY		Spread Excess Or Imported Material On Site By Machine <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	2.20 2.20 1.65 0.88 0.33	
31 23 16 36-0032	CY		Spread Excess Or Imported Material On Site By Hand	42.55	

31	31 Earthwork
	31 20 Earth Moving
	31 23 Excavation And Fill



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

31 23 19 Dewatering (31 23)

31 23 19 00-0001	Well Point Dewatering System <small>(31 23 19)</small>	
31 23 19 00-0002	Delivery, Installation And Removal Cost <small>(31 23 19 00-0001)</small>	
	Note: Priced by linear foot of header used.	
31 23 19 00-0003	LF Up To 100' In Length Well Point System Delivery, Installation And Removal	98.52
31 23 19 00-0004	LF >100' To 250' In Length Well Point System Delivery, Installation And Removal	54.18
31 23 19 00-0005	LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	49.26
31 23 19 00-0006	LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	44.34
31 23 19 00-0007	LF >500' To 1,000' In Length Well Point System Delivery, Installation And Removal	39.41
31 23 19 00-0008	LF >1,000' In Length Well Point System Delivery, Installation And Removal	34.49

31 23 19 00-0009 Well Point Dewatering System Rental (31 23 19 00-0001)

Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.

31 23 19 00-0010	LFD Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	1.10
	<i>For >5 Days And <1 Month, Deduct</i>	-0.24
	<i>For >1 Month, Deduct</i>	-0.31
31 23 19 00-0011	LFD >100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	0.64
	<i>For >5 Days And <1 Month, Deduct</i>	-0.14
	<i>For >1 Month, Deduct</i>	-0.18
31 23 19 00-0012	LFD >250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	0.46
	<i>For >5 Days And <1 Month, Deduct</i>	-0.10
	<i>For >1 Month, Deduct</i>	-0.13
31 23 19 00-0013	LFD >500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.34
	<i>For >5 Days And <1 Month, Deduct</i>	-0.07
	<i>For >1 Month, Deduct</i>	-0.10
31 23 19 00-0014	LFD >1,000' In Length Well Point System Rental (LF x Days = Quantity)	0.31
	<i>For >5 Days And <1 Month, Deduct</i>	-0.07
	<i>For >1 Month, Deduct</i>	-0.09

31 23 19 00-0015 Well Point Dewatering System Operation Costs (31 23 19 00-0001)

Note: The quantity for operation shall be the total number of hours the well point system is operational.

31 23 19 00-0016	HR Operation Costs	85.89
------------------	--------------------------	-------

31 23 23 Fill (31 23)

31 23 23 23 Compaction (31 23 23)

31 23 23 23-0001	Compaction Water, Water Truck And Operator <small>(31 23 23 23)</small>	
31 23 23 23-0002	MGL Compaction Water, Water Truck And Operator	145.44
	Note: Use this task in situations where fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per 1000 Gallons) See CSI section 01 22 23 00-1077 for water truck when water is available on site.	

31 23 23 33 Flowable Fill (31 23 23)

31 23 23 33-0001 Flowable Cement Backfill For Trenches (31 23 23 33)

Note: Includes compaction and restoration of final grade.

31 23 23 33-0002	CY Flowable Cement Backfill for Trenches	116.01
	<i>For Up To 20, Add</i>	45.89
	<i>For >20 To 50, Add</i>	29.85
	<i>For >50 To 250, Add</i>	14.93
	<i>For >500 To 1,000, Deduct</i>	-8.02
	<i>For >1,000, Deduct</i>	-16.04

31 24 Embankments (31 20)

31 24 13 Roadway Embankments (31 24)

31 24 13 00-0001	Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations <small>(31 24 13)</small>	
	Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY. See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.	
31 24 13 00-0002	Cutting, Shaping And Rough Grading <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.	
31 24 13 00-0003	Cutting, Shaping, And Rough Grading By Machine <small>(31 24 13 00-0002)</small>	

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

31 24 13 00-004	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	4.73	
			For Up To 20, Add	4.73	
			For >20 To 50, Add	3.55	
			For >50 To 250, Add	1.89	
			For >250 To 500, Add	0.71	
			For >1,000, Deduct	-0.71	
31 24 13 00-005	CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	5.87	
			For Up To 20, Add	5.87	
			For >20 To 50, Add	4.40	
			For >50 To 250, Add	2.35	
			For >250 To 500, Add	0.88	
			For >1,000, Deduct	-0.88	
31 24 13 00-0006			Cutting, Shaping, And Rough Grading By Hand (31 24 13 00-0002)		
31 24 13 00-0007	SY		Shape Embankment/Slope By Hand Up To 1 On 4 Slope	5.40	
31 24 13 00-0008	SY		Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	7.01	
31 24 13 00-0009			Scarify Soil (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0010	CSF		Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	4.38	
			For Up To 20, Add	2.19	
			For >20 To 50, Add	1.10	
			For >250 To 500, Deduct	-0.44	
			For >500, Deduct	-0.88	
31 24 13 00-0011			Relocating On Site Excavated Material (31 24 13 00-0001)		
31 24 13 00-0012	CY		>500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments	8.51	
			For Up To 20, Add	8.51	
			For >20 To 50, Add	6.38	
			For >50 To 250, Add	3.40	
			For >250 To 500, Add	1.28	
			For >1,000, Deduct	-1.28	
31 24 13 00-0013	CY		>1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments	11.35	
			For Up To 20, Add	11.35	
			For >20 To 50, Add	8.51	
			For >50 To 250, Add	4.54	
			For >250 To 500, Add	1.70	
			For >1,000, Deduct	-1.70	
31 24 13 00-0014			Spread And Shape Imported Or Stockpiled Material (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments.		
31 24 13 00-0015	CY		Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments	5.20	
			For Up To 20, Add	5.20	
			For >20 To 50, Add	3.90	
			For >50 To 250, Add	2.08	
			For >250 To 500, Add	0.78	
			For >1,000, Deduct	-0.78	
31 24 13 00-0016			Grading (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine.		
31 24 13 00-0017	SY		Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.56	
31 24 13 00-0018	SY		Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.74	
31 24 13 00-0019	LF		Finish Grade For Curb	0.84	
31 24 13 00-0020	LF		Finish Grade For Curb And Gutter	1.03	
31 24 13 00-0021			Compaction Of Fill Or Subbase (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine, per lift.		
31 24 13 00-0022	SY		Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.50	
			For Up To 250, Add	0.50	
			For >250 To 500, Add	0.38	
			For >500 To 1,000, Add	0.20	
			For >5,000, Deduct	-0.08	
31 24 13 00-0023			Loading Excess Material For Removal From Excavation (31 24 13 00-0001)		
			Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.		
31 24 13 00-0024	CY		Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	3.98	
			For Up To 20, Add	3.98	
			For >20 To 50, Add	2.99	
			For >50 To 250, Add	1.59	
			For >250 To 500, Add	0.60	
			For >1,000, Deduct	-0.60	

31 25 Erosion And Sedimentation Controls (31 20)

31 Earthwork**31 20 Earth Moving****31 25 Erosion And Sedimentation Controls**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
31 25 14 Stabilization Measures For Erosion And Sedimentation Control (31 25)**31 25 14 13 Hydraulically-Applied Erosion Control (31 25 14)****31 25 14 13-0001 Bonded Fiber Matrix (31 25 14 13)**

31 25 14 13-0002	MSF	Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	37.72
31 25 14 13-0003	MSF	>25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	34.20
31 25 14 13-0004	MSF	>50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	31.21
31 25 14 13-0005	MSF	>100,000 Bonded Fiber Matrix, Hydraulically Applied	29.51

31 25 14 16 Rolled Erosion Control Mats And Blankets (31 25 14)**31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats (31 25 14 16)****31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty (31 25 14 16-0001)**

31 25 14 16-0003	SY	S75 Single Net Erosion Control Blanket	1.37
Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.			
31 25 14 16-0004	SY	S75BN Single Net Erosion Control Blanket	1.61
Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.			
31 25 14 16-0005	SY	Curlex 1, Single Net Erosion Control Blanket	1.33
Note: As manufactured by American Excelsior			
31 25 14 16-0006	SY	Curlex 1, Single Net Erosion Control Blanket	1.37
Note: As manufactured by American Green.			
31 25 14 16-0007	SY	Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	1.27

31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration (31 25 14 16-0001)

31 25 14 16-0009	SY	S150 Double Net Erosion Control Blanket	1.73
Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.			
31 25 14 16-0010	SY	S150 BN Double Net Erosion Control Blanket	2.11
Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.			
31 25 14 16-0011	SY	Curlex II, Double Net Erosion Control Blanket, Natural	1.55
Note: As manufactured by American Excelsior.			
31 25 14 16-0012	SY	Curlex II, Double Net Erosion Control Blanket, Green	1.59
Note: As manufactured by American Excelsior.			
31 25 14 16-0013	SY	Enforcer Double Net Erosion Control Blanket	1.66
Note: As manufactured by American Excelsior.			

31 25 14 16-0014 Turf Reinforcement Mats (TRM) (31 25 14 16-0001)

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY	P300 Permanent Polypropylene Turf Reinforcement Mat	8.39
Note: 100% synthetic, UV stabilized, two layer netting.			
31 25 14 16-0016	SY	C350 Permanent Turf Reinforcement Mat	7.80
Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.			
31 25 14 16-0017	SY	Recyclex TRM, Permanent Turf Reinforcement Mat	6.50
Note: As manufactured by American Excelsior, 100% recycled			

31 25 14 16-0018 Jute Mesh Erosion Control Blankets (31 25 14 16-0001)

31 25 14 16-0019	SY	Jute Mesh, Open Uniform Weave	1.47
------------------	----	-------------------------------------	------

31 25 14 16-0020 Revegetation Mat (31 25 14 16-0001)

31 25 14 16-0021	SY	3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber	5.89
Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.			
31 25 14 16-0022	SY	Webbed Revegetation Mat, Polypropylene Fiber	8.34
Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.			

31 25 14 23 Stabilization Measures For Erosion Control (31 25 14)

Note: Includes all erosion control blankets and turf reinforcement mats staples or stakes. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 25 14 23-0001 Turbidity Curtain (31 25 14 23)

Note: Type 2 curtain.

31 25 14 23-0002	LF	3' High Turbidity Curtain	17.41
31 25 14 23-0003	LF	4' High Turbidity Curtain	18.86
31 25 14 23-0004	LF	5' High Turbidity Curtain	20.82
31 25 14 23-0005	LF	6' High Turbidity Curtain	22.51
31 25 14 23-0006	LF	7' High Turbidity Curtain	23.62
31 25 14 23-0007	LF	8' High Turbidity Curtain	24.74
31 25 14 23-0008	LF	9' High Turbidity Curtain	26.03
31 25 14 23-0009	LF	10' High Turbidity Curtain	27.79
31 25 14 23-0010	LF	12' High Turbidity Curtain	29.20
31 25 14 23-0011	LF	13' High Turbidity Curtain	31.08
31 25 14 23-0012	LF	14' High Turbidity Curtain	32.84
31 25 14 23-0013	LF	15' High Turbidity Curtain	34.54
31 25 14 23-0014	LF	16' High Turbidity Curtain	37.54
31 25 14 23-0015	LF	17' High Turbidity Curtain	39.37

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

31 25 14 23-0016	LF	18' High Turbidity Curtain	41.15
31 25 14 23-0017	LF	19' High Turbidity Curtain	43.03
31 25 14 23-0018	LF	20' High Turbidity Curtain	44.87

31 25 14 23-0019 Sand And Gravel Bags <small>(31 25 14 23)</small>			
Note: Bags filled on site with delivered material. Includes material and placement of bags.			
31 25 14 23-0020	BAG	50 LB Capacity Nylon Or Poly Sand Bag With Sand	5.15
		<i>For >2,500 To 5,000, Deduct</i>	-0.44
		<i>For >5,000, Deduct</i>	-0.96
31 25 14 23-0021	BAG	50 LB Capacity Biodegradable Burlap Sand Bag With Sand	5.41
		<i>For >2,500 To 5,000, Deduct</i>	-0.44
		<i>For >5,000, Deduct</i>	-0.98
31 25 14 23-0022	BAG	33 LB Capacity Nylon Or Poly Bag With 5/16" To 3/4" Gravel	3.67
		<i>For >2,500 To 5,000, Deduct</i>	-0.29
		<i>For >5,000, Deduct</i>	-0.66
31 25 14 23-0023	BAG	Remove 50 LB Sand Or Gravel Bag	1.95

31 25 14 23-0024 Filter Bags <small>(31 25 14 23)</small>			
31 25 14 23-0025 Non-Woven Filter Bags <small>(31 25 14 23-0024)</small>			
31 25 14 23-0026	EA	6' x 15' Non-Woven Filter Bag	130.86
31 25 14 23-0027	EA	13' x 15' Non-Woven Filter Bag	188.65
31 25 14 23-0028	EA	15' x 15' Non-Woven Filter Bag	217.73

31 25 14 23-0029 Monofilament Filter Bags <small>(31 25 14 23-0024)</small>			
31 25 14 23-0030	EA	5' x 15' Monofilament Filter Bag	135.81
31 25 14 23-0031	EA	10' x 15' Monofilament Filter Bag	187.20

31 25 14 23-0032 Cable Articulating Concrete Block <small>(31 25 14 23)</small>			
Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal reatment cable and fill. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor.			
31 25 14 23-0033	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill	33.32
		<i>For >500 To 1,000, Add</i>	4.22
		<i>For Up To 500, Add</i>	7.56
		<i>For Gravel Fill, Add</i>	0.74
31 25 14 23-0034	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	38.03
		<i>For >500 To 1,000, Add</i>	4.78
		<i>For Up To 500, Add</i>	8.58
		<i>For Gravel Fill, Add</i>	0.84
31 25 14 23-0035	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill	43.42
		<i>For >500 To 1,000, Add</i>	5.41
		<i>For Up To 500, Add</i>	9.75
		<i>For Gravel Fill, Add</i>	0.95
31 25 14 23-0036	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	48.94
		<i>For >500 To 1,000, Add</i>	6.08
		<i>For Up To 500, Add</i>	10.98
		<i>For Gravel Fill, Add</i>	1.07
31 25 14 23-0037	SF	4.75" Closed Cell Articulated Concrete Block	35.66
		<i>For >500 To 1,000, Add</i>	4.46
		<i>For Up To 500, Add</i>	8.02
31 25 14 23-0038	SF	6" Closed Cell Articulated Concrete Block	40.82
		<i>For >500 To 1,000, Add</i>	5.05
		<i>For Up To 500, Add</i>	9.14
31 25 14 23-0039	SF	7.5" Closed Cell Articulated Concrete Block	46.72
		<i>For >500 To 1,000, Add</i>	5.74
		<i>For Up To 500, Add</i>	10.41
31 25 14 23-0040	SF	9" Closed Cell Articulated Concrete Block	52.72
		<i>For >500 To 1,000, Add</i>	6.46
		<i>For Up To 500, Add</i>	11.73

31 25 14 26 Stabilization Measures For Sedimentation Control (31 25 14)

31 25 14 26-0001 Silt Fences And Dike Barriers <small>(31 25 14 26)</small>			
Note: Includes stakes and embedding.			
31 25 14 26-0002 Silt Fences 2' High <small>(31 25 14 26-0001)</small>			
31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	2.25
31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	1.73
31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	1.22
31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	1.04

31 25 14 26-0007 Silt Fences 3' High <small>(31 25 14 26-0001)</small>			
31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	2.15
31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	1.78
31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	1.15
31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	1.08

31 25 14 26-0012 Silt Dike Barrier <small>(31 25 14 26-0001)</small>			
31 25 14 26-0013	LF	Silt Dike Barrier With Stakes	2.42

31	31 Earthwork
	31 20 Earth Moving
	31 25 Erosion And Sedimentation Controls



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

31 25 14 26-0014			Silt Fences Removal <small>(31 25 14 26-0001)</small>		
31 25 14 26-0015	LF		Remove Silt Fence And Stakes	0.70	
31 25 14 26-0016			Hay And Straw Bales <small>(31 25 14 26)</small>		
			Note: Includes stakes.		
31 25 14 26-0017	LF		Place Sterilized Straw Bales	3.48	
			Note: Includes securing in ground with stakes.		
31 25 14 26-0018	LF		Place Hay Bales.....	3.29	
			Note: Includes securing in ground with stakes.		
31 25 14 26-0019	LF		Remove Hay Or Straw Bales	1.25	
			Note: Includes removal of stakes.		
31 25 14 26-0020			Sediment Logs (Degradable) <small>(31 25 14 26)</small>		
31 25 14 26-0021			Sediment Logs (Degradable) <small>(31 25 14 26-0020)</small>		
			Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022	LF		12" Sediment Log	6.58	
31 25 14 26-0023	LF		20" Sediment Log	7.64	
31 25 14 26-0024			Wattles (Degradable) <small>(31 25 14 26-0020)</small>		
			Note: Includes trench for placement, 24" wood staking at 4' O.C.		
31 25 14 26-0025	EA		Wattles (Sterile Straw Filled Rolls), 9" x 25'	122.34	
31 25 14 26-0026	EA		Wattles (Sterile Straw Filled Rolls), 12" x 20'	114.31	
31 25 14 26-0027			Inlet Protection Sediment Bags <small>(31 25 14 26)</small>		
			Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0028	EA		2' x 2' x 3' Inlet Protection Sediment Bag	42.05	
31 25 14 26-0029	EA		2' x 3' x 3' Inlet Protection Sediment Bag	51.77	
31 25 14 26-0030	EA		2' x 4' x 3' Inlet Protection Sediment Bag	62.90	
31 25 14 26-0031			Clean Sediment Logs/Wattles <small>(31 25 14 26)</small>		
			Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0032	EA		Clean Sediment Logs/Wattles.....	70.10	

31 30 Earthwork Methods (31)

31 31 Soil Treatment (31 30)

31 31 16 Termite Control (31 31)

31 31 16 13 Chemical Termite Control (31 31 16)

31 31 16 13-0001 Commercial Use (31 31 16 13)

31 31 16 13-0002	SF	Termite Pretreatment, Commercial Soil Poisoning Under Slab	0.68
31 31 16 13-0003	SF	Termite Pretreatment, Commercial Slab And Walls.....	0.68

31 31 16 13-0004 Residential Use (31 31 16 13)

31 31 16 13-0005	SF	Termite Pretreatment, Residential General Spraying Walls And Slab	0.68
31 31 16 13-0006	SF	Termite Treatment, Existing Residential Structure.....	0.95

31 31 19 Vegetation Control (31 31)

31 31 19 13 Chemical Vegetation Control (31 31 19)

31 31 19 13-0001 Soil Sterilants (31 31 19 13)

31 31 19 13-0002	MSF	Soil Sterilant.....	18.70
		Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.	
		For >45 To 90, Deduct	-0.36
		For >90 To 225, Deduct	-1.65
		For >225, Deduct	-2.36

31 32 Soil Stabilization (31 30)

31 32 13 Soil Mixing Stabilization (31 32)

31 32 13 16 Cement Soil Stabilization (31 32 13)

31 32 13 16-0001 Cementitious Soil Binder (31 32 13 16)

31 32 13 16-0002	CY	Cementitious Soil Binder, 4% Cement Mix By Volume	29.80
31 32 13 16-0003	CY	Cementitious Soil Binder, 6% Cement Mix By Volume	34.93
31 32 13 16-0004	CY	Cementitious Soil Binder, 9% Cement Mix By Volume	43.38
31 32 13 16-0005	CY	Cementitious Soil Binder, 12% Cement Mix By Volume	51.70

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

31 32 13 19 Lime Soil Stabilization (31 32 13)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 32 13 19-0001	Lime Slurry (31 32 13 19)	
31 32 13 19-0002	LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume.....	23.04
31 32 13 19-0003	TON Cement Stabilized Base Material.....	41.98
31 32 13 19-0004	CWT Lime For Soil Stabilization	5.99
	Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY Roller, Grader - Lime Stabilization.....	11.85
31 32 13 19-0006	LCY Roller, Grader - Cement Stabilization	2.78

31 32 13 19-0007 Lime Stabilized Subgrade (31 32 13 19)

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY 6" Thick Lime Stabilized Subgrade, 25 LB.....	5.78
	For 4% Lime Instead Of 5%, Deduct	-0.11
	For 6% Lime Instead Of 5%, Add	0.11
31 32 13 19-0009	SY 7" Thick Lime Stabilized Subgrade, 29 LB.....	6.71
	For 4% Lime Instead Of 5%, Deduct	-0.12
	For 6% Lime Instead Of 5%, Add	0.12
31 32 13 19-0010	SY 8" Thick Lime Stabilized Subgrade, 33 LB.....	7.66
	For 4% Lime Instead Of 5%, Deduct	-0.14
	For 6% Lime Instead Of 5%, Add	0.14

31 32 13 29 Liquid Soil Stabilization (31 32 13)

31 32 13 29-0001	GAL Polyacrylamide And Calcium Solution	2.28
------------------	---	------

31 32 19 Geosynthetic Soil Stabilization And Layer Separation (31 32)

31 32 19 13 Geogrid Soil Stabilization (31 32 19)

31 32 19 13-0001 Geogrid Fabrics (31 32 19 13)

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.

31 32 19 13-0002	SY 5.3 Oz/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150).....	2.23
	For Up To 50, Add	0.53
	For >50 To 150, Add	0.39
	For >150 To 250, Add	0.25
	For >250 To 500, Add	0.13
31 32 19 13-0003	SY 6.9 Oz/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300).....	2.53
	For Up To 50, Add	0.60
	For >50 To 150, Add	0.44
	For >150 To 250, Add	0.28
	For >250 To 500, Add	0.14
31 32 19 13-0004	SY 8.7 Oz/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500).....	2.75
	For Up To 50, Add	0.65
	For >50 To 150, Add	0.48
	For >150 To 250, Add	0.31
	For >250 To 500, Add	0.15
31 32 19 13-0005	SY 12.6 Oz/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800).....	3.90
	For Up To 50, Add	0.88
	For >50 To 150, Add	0.65
	For >150 To 250, Add	0.42
	For >250 To 500, Add	0.21
31 32 19 13-0006	SY 14.1 Oz/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000).....	4.45
	For Up To 50, Add	1.00
	For >50 To 150, Add	0.74
	For >150 To 250, Add	0.48
	For >250 To 500, Add	0.24
31 32 19 13-0007	SY 4.3 Oz/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20)	2.26
	For Up To 50, Add	0.54
	For >50 To 150, Add	0.40
	For >150 To 250, Add	0.26
	For >250 To 500, Add	0.13
31 32 19 13-0008	SY 5.9 Oz/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30)	3.27
	For Up To 50, Add	0.74
	For >50 To 150, Add	0.55
	For >150 To 250, Add	0.36
	For >250 To 500, Add	0.18

31 32 19 16 Geotextile Soil Stabilization (31 32 19)

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles (31 32 19 16)

Note: For drainage, filtration and separation.

31 32 19 16-0002	SY 3.0 Oz/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS).....	0.70
	For Up To 50, Add	0.17
	For >50 To 150, Add	0.13
	For >150 To 250, Add	0.08
	For >250 To 500, Add	0.04

31	Earthwork
31 30	Earthwork Methods
31 32	Soil Stabilization

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

31 32 19 16-0003	SY	3.5 Oz/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS)	0.75	
		<i>For Up To 50, Add</i>	0.18	
		<i>For >50 To 150, Add</i>	0.13	
		<i>For >150 To 250, Add</i>	0.09	
		<i>For >250 To 500, Add</i>	0.04	
31 32 19 16-0004	SY	4.0 Oz/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS)	0.81	
		<i>For Up To 50, Add</i>	0.20	
		<i>For >50 To 150, Add</i>	0.14	
		<i>For >150 To 250, Add</i>	0.09	
		<i>For >250 To 500, Add</i>	0.05	
31 32 19 16-0005	SY	4.5 Oz/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS)	0.86	
		<i>For Up To 50, Add</i>	0.21	
		<i>For >50 To 150, Add</i>	0.15	
		<i>For >150 To 250, Add</i>	0.10	
		<i>For >250 To 500, Add</i>	0.05	
31 32 19 16-0006	SY	6.0 Oz/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS)	1.01	
		<i>For Up To 50, Add</i>	0.24	
		<i>For >50 To 150, Add</i>	0.17	
		<i>For >150 To 250, Add</i>	0.11	
		<i>For >250 To 500, Add</i>	0.06	
31 32 19 16-0007	SY	7.0 Oz/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS)	1.20	
		<i>For Up To 50, Add</i>	0.28	
		<i>For >50 To 150, Add</i>	0.21	
		<i>For >150 To 250, Add</i>	0.13	
		<i>For >250 To 500, Add</i>	0.07	
31 32 19 16-0008	SY	8.0 Oz/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS)	1.31	
		<i>For Up To 50, Add</i>	0.30	
		<i>For >50 To 150, Add</i>	0.22	
		<i>For >150 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
31 32 19 16-0009	SY	10 Oz/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS)	1.60	
		<i>For Up To 50, Add</i>	0.36	
		<i>For >50 To 150, Add</i>	0.27	
		<i>For >150 To 250, Add</i>	0.17	
		<i>For >250 To 500, Add</i>	0.09	

31 32 19 16-0010 Woven Geotextiles Fabric (31 32 19 16)

31 32 19 16-0011	SY	200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55)	0.99	
		<i>For Up To 50, Add</i>	0.23	
		<i>For >50 To 150, Add</i>	0.17	
		<i>For >150 To 250, Add</i>	0.11	
		<i>For >250 To 500, Add</i>	0.06	
31 32 19 16-0012	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	1.37	
		<i>For Up To 50, Add</i>	0.31	
		<i>For >50 To 150, Add</i>	0.23	
		<i>For >150 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
31 32 19 16-0013	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	2.40	
		<i>For Up To 50, Add</i>	0.52	
		<i>For >50 To 150, Add</i>	0.39	
		<i>For >150 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.13	
31 32 19 16-0014	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	2.34	
		<i>For Up To 50, Add</i>	0.51	
		<i>For >50 To 150, Add</i>	0.38	
		<i>For >150 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.12	
31 32 19 16-0015	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	2.05	
		<i>For Up To 50, Add</i>	0.45	
		<i>For >50 To 150, Add</i>	0.34	
		<i>For >150 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.11	
31 32 19 16-0016	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	2.19	
		<i>For Up To 50, Add</i>	0.48	
		<i>For >50 To 150, Add</i>	0.36	
		<i>For >150 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.12	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	2.78	
		<i>For Up To 50, Add</i>	0.60	
		<i>For >50 To 150, Add</i>	0.45	
		<i>For >150 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.15	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	3.94	
		<i>For Up To 50, Add</i>	0.83	
		<i>For >50 To 150, Add</i>	0.62	
		<i>For >150 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.20	

31 32 19 16-0019 Geomembranes (31 32 19 16)

31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane (31 32 19 16-0019)

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	0.79	
------------------	----	--	------	--

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

31 32 19 16-0022	SF		30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	0.91	
31 32 19 16-0023	SF		40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.09	
31 32 19 16-0024	SF		50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.31	
31 32 19 16-0025	SF		60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.49	
31 32 19 16-0026	SF		70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.62	
31 32 19 16-0027	SF		80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.76	
31 32 19 16-0028	SF		90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.93	
31 32 19 16-0029	SF		100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.11	

31 32 19 16-0030 High Density Polyethylene (HDPE) Geomembrane (31 32 19 16-0019)

31 32 19 16-0031	SF		20 Mil High Density Polyethylene Membrane (US Fabrics)	0.65	
31 32 19 16-0032	SF		30 Mil High Density Polyethylene Membrane (US Fabrics)	0.85	
31 32 19 16-0033	SF		40 Mil High Density Polyethylene Membrane (US Fabrics)	0.98	
31 32 19 16-0034	SF		50 Mil High Density Polyethylene Membrane (US Fabrics)	1.57	
31 32 19 16-0035	SF		60 Mil High Density Polyethylene Membrane (US Fabrics)	1.23	
31 32 19 16-0036	SF		80 Mil High Density Polyethylene Membrane (US Fabrics)	1.51	
31 32 19 16-0037	SF		100 Mil High Density Polyethylene Membrane (US Fabrics)	1.78	
31 32 19 16-0038	SF		120 Mil High Density Polyethylene Membrane (US Fabrics)	3.16	
31 32 19 16-0039	SF		140 Mil High Density Polyethylene Membrane (US Fabrics)	3.27	

31 32 19 26 Geoweb Cellular Confinement System (31 32 19)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0001 Geoweb Cellular Confinement System (31 32 19 26)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF		4" Geoweb Cellular Confinement System (Presto Geosystems)	4.27	
			<i>For >20,000, Deduct</i>	-0.08	
			<i>For >2:1 Slope, Add</i>	0.91	
31 32 19 26-0003	SF		6" Geoweb Cellular Confinement System (Presto Geosystems)	4.95	
			<i>For >20,000, Deduct</i>	-0.11	
			<i>For >2:1 Slope, Add</i>	0.91	
31 32 19 26-0004	SF		8" Geoweb Cellular Confinement System (Presto Geosystems)	5.76	
			<i>For >20,000, Deduct</i>	-0.15	
			<i>For >2:1 Slope, Add</i>	0.91	

31 36 Gabions (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 36 13 Gabion Boxes (31 36)

31 36 13 00-0001 Stone Filled Gabion Slope Protection (31 36 13)

Note: Machine placed by SY of total top face area for depth indicated.

31 36 13 00-0002	SY		6" Deep Stone Filled Gabion Slope Protection	54.11	
31 36 13 00-0003	SY		9" Deep Stone Filled Gabion Slope Protection	64.01	
31 36 13 00-0004	SY		12" Deep Stone Filled Gabion Slope Protection	77.55	
31 36 13 00-0005	SY		15" Deep Stone Filled Gabion Slope Protection	91.47	
31 36 13 00-0006	SY		18" Deep Stone Filled Gabion Slope Protection	107.37	
31 36 13 00-0007	SY		24" Deep Stone Filled Gabion Slope Protection	147.06	
31 36 13 00-0008	SY		36" Deep Stone Filled Gabion Slope Protection	185.99	

31 37 Riprap (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

31 37 00 00-0001 Random - Filter Stone (31 37)

31 37 00 00-0002	CY		10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	40.45	
			<i>For Chinking Material, Add</i>	12.75	
31 37 00 00-0003	CY		>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	46.70	
			<i>For Chinking Material, Add</i>	12.75	
31 37 00 00-0004	CY		>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	49.64	
			<i>For Chinking Material, Add</i>	12.75	
31 37 00 00-0005	CY		>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	52.99	
			<i>For Chinking Material, Add</i>	12.75	
31 37 00 00-0006	CY		>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	55.69	
			<i>For Chinking Material, Add</i>	12.75	
31 37 00 00-0007	CY		>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	60.11	
31 37 00 00-0008	CY		3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	74.99	
31 37 00 00-0009	TON		10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	26.95	
31 37 00 00-0010	TON		>50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	30.92	
31 37 00 00-0011	TON		>100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	32.79	
31 37 00 00-0012	TON		>200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	34.92	
31 37 00 00-0013	TON		>300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	36.63	
31 37 00 00-0014	TON		>600 LB Average Pieces Random, Dumped From Truck, Rip Rap	39.47	
31 37 00 00-0015	TON		3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	51.11	

31 40 Shoring And Underpinning (31)

31 Earthwork**31 40 Shoring And Underpinning****31 41 Shoring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
31 41 Shoring (31 40)**31 41 13 Timber Shoring** (31 41)31 41 13 00-0001 Wood Sheet Piling (31 41 13)31 41 13 00-0002 Pull And Salvage (31 41 13 00-0001)

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF	Wood Shoring, 8' Deep Excavation, Pull And Salvage	10.36
		<i>For Wood Sheeting Left In Place</i>	-0.94
31 41 13 00-0004	SF	Wood Shoring, 10' Deep Excavation, Pull And Salvage	11.21
		<i>For Wood Sheeting Left In Place</i>	-1.10
31 41 13 00-0005	SF	Wood Shoring, 12' Deep Excavation, Pull And Salvage	12.13
		<i>For Wood Sheeting Left In Place</i>	-1.28
31 41 13 00-0006	SF	Wood Shoring, 14' Deep Excavation, Pull And Salvage	13.14
		<i>For Wood Sheeting Left In Place</i>	-1.49
31 41 13 00-0007	SF	Wood Shoring, 16' Deep Excavation, Pull And Salvage	14.24
		<i>For Wood Sheeting Left In Place</i>	-1.70
31 41 13 00-0008	SF	Wood Shoring, 18' Deep Excavation, Pull And Salvage	15.44
		<i>For Wood Sheeting Left In Place</i>	-1.95
31 41 13 00-0009	SF	Wood Shoring, 20' Deep Excavation, Pull And Salvage	16.73
		<i>For Wood Sheeting Left In Place</i>	-2.22

31 41 16 Sheet Piling (31 41)**31 41 16 13 Steel Sheet Piling** (31 41 16)31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage (31 41 16 13)

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON	Shoring For 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	1,604.40
		<i>For Standard Sheeting Left In Place, Add</i>	855.91
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	1,219.88
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55
31 41 16 13-0003	TON	Shoring For 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage	1,663.60
		<i>For Standard Sheeting Left In Place, Add</i>	826.31
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	1,190.28
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55
31 41 16 13-0004	TON	Shoring For 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	1,938.84
		<i>For Standard Sheeting Left In Place, Add</i>	688.69
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	1,052.66
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55
31 41 16 13-0005	TON	Shoring For 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,203.70
		<i>For Standard Sheeting Left In Place, Add</i>	556.26
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	920.23
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55
31 41 16 13-0006	TON	Shoring For 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,359.49
		<i>For Standard Sheeting Left In Place, Add</i>	478.36
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	842.34
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55
31 41 16 13-0007	TON	Shoring For 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage	2,518.41
		<i>For Standard Sheeting Left In Place, Add</i>	398.90
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	762.88
		<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	90.99
		<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	101.10
		<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	313.42
		<i>For Each Additional Month >3 Months, Add</i>	50.55

31 45 Vibroflotation And Densification (31 40)**31 45 13 Vibroflotation** (31 45)

31 45 13 00-0001 LCY Soil Stabilization, Vibroflotation..... 10.22

31 48 Underpinning (31 40)**31 48 33 Micropile Underpinning** (31 48)31 48 33 00-0001 Augered Micro-Pile And Grout System (31 48 33)

31 48 33 00-0002	EA	Micro-Pile Mobilization Per Job	1,723.76
31 48 33 00-0003	EA	Relocate And Set-up Micro-Pile Equipment At New Pile Cap Location	430.94

Earthwork	31	15
Shoring And Underpinning	31 40	
Underpinning	31 48	

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

31 48 33 00-0004	VLF Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	234.27
31 48 33 00-0005	VLF Auger 8" Diameter Hole, Insert GEWI Micro-Pile And Grout Void - Indoor Note: Includes GEWI piles, threadbar extensions, couplers, spacers, top nut and steel bearing plate.	288.14
31 48 33 00-0006	EA Pile Load Test.....	2,154.69

END OF SECTION 31

31	31	Earthwork
	31 40	Shoring And Underpinning
	31 48	Underpinning

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI		UNIT COST	UNIT COST

32 Exterior Improvements

32 01 Operation And Maintenance Of Exterior Improvements ⁽³²⁾

32 01 11 Paving Cleaning ^(32 01)

32 01 11 53 Paint Removal From Paving ^(32 01 11)

32 01 11 53-0001 Remove Pavement Markings ^(32 01 11 53)

Note: Includes vacuuming of removed striped area and containment of debris. Excludes disposal.

32 01 11 53-0002	LF Remove 4" Wide Painted Or Epoxy Pavement Striping.....	1.50	
	For Up To 250, Add	0.75	
	For >250 To 1,000, Add	0.38	
	For >5,000 To 10,000, Deduct	-0.23	
	For >10,000 To 25,000, Deduct	-0.38	
	For >25,000 To 50,000, Deduct	-0.53	
	For >50,000, Deduct	-0.60	
32 01 11 53-0003	LF Remove 6" Wide Painted Or Epoxy Pavement Striping.....	1.81	
	For Up To 250, Add	0.91	
	For >250 To 1,000, Add	0.45	
	For >5,000 To 10,000, Deduct	-0.27	
	For >10,000 To 25,000, Deduct	-0.45	
	For >25,000 To 50,000, Deduct	-0.63	
	For >50,000, Deduct	-0.72	
32 01 11 53-0004	LF Remove 8" Wide Painted Or Epoxy Pavement Striping.....	2.17	
	For Up To 250, Add	1.09	
	For >250 To 1,000, Add	0.54	
	For >5,000 To 10,000, Deduct	-0.33	
	For >10,000 To 25,000, Deduct	-0.54	
	For >25,000 To 50,000, Deduct	-0.76	
	For >50,000, Deduct	-0.87	
32 01 11 53-0005	LF Remove 12" Wide Painted Or Epoxy Pavement Striping.....	2.60	
	For Up To 250, Add	1.30	
	For >250 To 1,000, Add	0.65	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 25,000, Deduct	-0.65	
	For >25,000 To 50,000, Deduct	-0.91	
	For >50,000, Deduct	-1.04	
32 01 11 53-0006	SF Remove Painted Or Epoxy Pavement Marking, Letters Or Symbols.....	2.60	
	For Up To 250, Add	1.30	
	For >250 To 1,000, Add	0.65	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 25,000, Deduct	-0.65	
	For >25,000 To 50,000, Deduct	-0.91	
	For >50,000, Deduct	-1.04	
32 01 11 53-0007	LF Remove 4" Wide Thermoplastic Pavement Striping.....	1.94	
	For Up To 250, Add	0.97	
	For >250 To 1,000, Add	0.49	
	For >5,000 To 10,000, Deduct	-0.29	
	For >10,000 To 25,000, Deduct	-0.49	
	For >25,000 To 50,000, Deduct	-0.68	
	For >50,000, Deduct	-0.78	
32 01 11 53-0008	LF Remove 6" Wide Thermoplastic Pavement Striping.....	2.29	
	For Up To 250, Add	1.15	
	For >250 To 1,000, Add	0.57	
	For >5,000 To 10,000, Deduct	-0.34	
	For >10,000 To 25,000, Deduct	-0.57	
	For >25,000 To 50,000, Deduct	-0.80	
	For >50,000, Deduct	-0.92	
32 01 11 53-0009	LF Remove 8" Wide Thermoplastic Pavement Striping.....	2.77	
	For Up To 250, Add	1.39	
	For >250 To 1,000, Add	0.69	
	For >5,000 To 10,000, Deduct	-0.42	
	For >10,000 To 25,000, Deduct	-0.69	
	For >25,000 To 50,000, Deduct	-0.97	
	For >50,000, Deduct	-1.11	
32 01 11 53-0010	LF Remove 12" Wide Thermoplastic Pavement Striping.....	3.31	
	For Up To 250, Add	1.66	
	For >250 To 1,000, Add	0.83	
	For >5,000 To 10,000, Deduct	-0.50	
	For >10,000 To 25,000, Deduct	-0.83	
	For >25,000 To 50,000, Deduct	-1.16	
	For >50,000, Deduct	-1.32	
32 01 11 53-0011	SF Remove Thermoplastic Pavement Marking, Letters Or Symbols.....	3.31	
	For Up To 250, Add	1.66	
	For >250 To 1,000, Add	0.83	
	For >5,000 To 10,000, Deduct	-0.50	
	For >10,000 To 25,000, Deduct	-0.83	
	For >25,000 To 50,000, Deduct	-1.16	
	For >50,000, Deduct	-1.32	

32 01 16 Flexible Paving Rehabilitation ^(32 01)

32 01 16 71 Cold Milling Asphalt Pavement ^(32 01 16)

32 01 16 71-0001 Removal Of Asphalt Surface Course ^(32 01 16 71)

Note: Includes direct loading into truck.

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 16 Flexible Paving Rehabilitation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 16 71-0002	Production Cold Milling Of Roads And Parking Areas <small>(32 01 16 71-0001)</small>		
	Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.		
32 01 16 71-0003	SY Production Cold Milling Of Asphalt Up To 3" Depth	3.03	
	For Up To 2,500, Add	1.52	
	For >2,500 To 5,000, Add	0.76	
	For >10,000 To 25,000, Deduct	-0.30	
	For >25,000, Deduct	-0.45	
32 01 16 71-0004	SY >3" To 6" Depth, Production Cold Milling Of Asphalt	4.04	
	For Up To 2,500, Add	2.02	
	For >2,500 To 5,000, Add	1.01	
	For >10,000 To 25,000, Deduct	-0.40	
	For >25,000, Deduct	-0.61	
32 01 16 71-0005	SY >6" To 12" Depth, Production Cold Milling Of Asphalt	5.39	
	For Up To 2,500, Add	2.70	
	For >2,500 To 5,000, Add	1.35	
	For >10,000 To 25,000, Deduct	-0.54	
	For >25,000, Deduct	-0.81	
32 01 16 71-0006	SY Production Cold Milling Of Concrete Per Inch.....	4.59	
32 01 16 71-0007	Limited Production Cold Milling <small>(32 01 16 71-0001)</small>		
	Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc.		
32 01 16 71-0008	SY Limited Cold Milling Of Asphalt Up To 3" Depth.....	19.19	
	For >100 To 1,000, Deduct	-9.60	
	For >1,000, Deduct	-14.39	
32 01 16 71-0009	SY >3" To 6" Depth, Limited Cold Milling Of Asphalt.....	25.41	
	For >100 To 1,000, Deduct	-12.71	
	For >1,000, Deduct	-19.06	
32 01 16 71-0010	SY >6" To 12" Depth, Limited Cold Milling Of Asphalt.....	33.85	
	For >100 To 1,000, Deduct	-16.93	
	For >1,000, Deduct	-25.39	
32 01 16 71-0011	SY Limited Cold Milling Of Concrete Per Inch	28.85	
32 01 16 71-0012	Grind, Leave In-Place Asphalt Grindings <small>(32 01 16 71)</small>		
	Note: For use as subbase material, includes spreading and rolling.		
32 01 16 71-0013	SY Grind, Leave In-Place As Subbase Course, 6-9" Depth	5.35	
32 01 16 72	Asphalt Paving Reuse <small>(32 01 16)</small>		
32 01 16 72-0001	Rejuvenate, Respread Asphalt Pavement <small>(32 01 16 72)</small>		
	Note: Includes direct loading into truck.		
32 01 16 72-0002	SY Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep.....	8.69	
32 01 16 72-0003	SY Remove, Rejuvenate, Respread Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar.....	10.53	
32 01 16 72-0004	TON Remove, Rejuvenate, Respread Asphalt Grindings.....	133.13	
32 01 16 72-0005	Reclamation, Pulverize And Blending With Existing <small>(32 01 16 72)</small>		
	Note: Includes direct loading into truck.		
32 01 16 72-0006	SY Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	10.33	
32 01 16 72-0007	SY Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	5.17	
32 01 16 72-0008	SY Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.58	
32 01 16 72-0009	SY Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.45	
32 01 16 72-0010	SY >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.82	
32 01 16 72-0011	SY >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	11.28	
32 01 16 72-0012	SY >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	5.64	
32 01 16 72-0013	SY >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.66	
32 01 16 72-0014	SY >3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	12.40	
32 01 16 72-0015	SY >3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	6.21	
32 01 16 72-0016	SY >3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.10	
32 01 16 72-0017	SY >3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	2.86	
32 01 16 72-0018	SY >4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	13.54	
32 01 16 72-0019	SY >4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	6.77	
32 01 16 72-0020	SY >4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.38	
32 01 16 72-0021	SY >4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.16	
32 01 16 72-0022	EA Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew.....	1,163.31	

32 01 17 Flexible Paving Repair (32 01)

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

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks In Asphalt Paving (32 01 17)
 Note: Includes removing loose materials and cleaning.

32 01 17 61-0001	Asphalt Pavement Crack And Sealing Repair <small>(32 01 17 61)</small> Note: Includes sweeping and cleaning of area.		
32 01 17 61-0002	LF Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.11	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.30	
	For 1" x 1/2" Fill, Add	0.56	
	For Backer Rod, Add	0.67	
32 01 17 61-0003	LF >200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.90	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.24	
	For 1" x 1/2" Fill, Add	0.46	
	For Backer Rod, Add	0.61	
32 01 17 61-0004	LF >500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.73	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.20	
	For 1" x 1/2" Fill, Add	0.38	
	For Backer Rod, Add	0.56	
32 01 17 61-0005	LF >2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.62	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.17	
	For 1" x 1/2" Fill, Add	0.33	
	For Backer Rod, Add	0.53	
32 01 17 61-0006	LF >5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.55	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.15	
	For 1" x 1/2" Fill, Add	0.29	
	For Backer Rod, Add	0.50	
32 01 17 61-0007	LF >10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.52	
	Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
	For 3/4" x 1/2" Fill, Add	0.14	
	For 1" x 1/2" Fill, Add	0.27	
	For Backer Rod, Add	0.49	
32 01 17 61-0008	LF Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	2.29	
32 01 17 61-0009	LF >200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.84	
32 01 17 61-0010	LF >500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.41	
32 01 17 61-0011	LF >2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.24	
32 01 17 61-0012	LF >5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.13	
32 01 17 61-0013	LF >10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.04	
32 01 17 61-0014	LF For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.41	

32 01 17 63 Pavement Repair (32 01 17)

32 01 17 63-0001	Temporary Pot Hole Repair <small>(32 01 17 63)</small> Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.		
32 01 17 63-0002	EA Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,359.14	
32 01 17 63-0003	TON Temporary Pot Hole Repairs With Cold Mix Modified.....	413.61	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0004	EA Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,289.55	
32 01 17 63-0005	TON Temporary Pot Hole Repairs With Cold Mix	390.42	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0006	EA Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,254.76	
32 01 17 63-0007	TON Temporary Pot Hole Repairs With Hot Mix Modified.....	378.82	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0008	EA Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,219.97	
32 01 17 63-0009	TON Temporary Pot Hole Repairs With Hot Mix	367.22	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0010	Permanent Pot Hole Repair <small>(32 01 17 63)</small> Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.		
32 01 17 63-0011	EA Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,365.64	
32 01 17 63-0012	TON Permanent Pot Hole Repairs With Cold Mix	444.64	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0013	EA Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,330.85	
32 01 17 63-0014	TON Permanent Pot Hole Repairs With Hot Mix Modified	433.04	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0015	EA Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,296.06	
32 01 17 63-0016	TON Permanent Pot Hole Repairs With Hot Mix	421.44	
	Note: Use for each ton over 3 tons.		
32 01 17 63-0017	Grind Asphalt <small>(32 01 17 63)</small>		
32 01 17 63-0018	SY Grinding Asphalt To Level Bump Or Raised Area.....	17.46	

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 17 Flexible Paving Repair**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 01 17 63-0019	Asphalt Placement For Small Repairs <small>(32 01 17 63)</small>	
	Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, and compaction. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting, 32 12 16 13-0000 for areas requiring more than 100 tons.	
32 01 17 63-0020	EA Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....	1,800.78
	Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0021	TON Asphalt Placement For Small Repair Areas, Cold Mix Modified.....	251.91
	Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0022	EA Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	1,731.19
	Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0023	TON Asphalt Placement For Small Repair Areas, Cold Mix	228.72
	Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0024	EA Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons.....	1,696.40
	Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0025	TON Asphalt Placement For Small Repair Areas, Hot Mix Modified	217.12
	Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0026	EA Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	1,661.61
	Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	
32 01 17 63-0027	TON Asphalt Placement For Small Repair Areas, Hot Mix.....	205.52
	Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.	

32 01 26 Rigid Paving Rehabilitation (32 01)**32 01 26 71 Grooving Of Concrete Paving** (32 01 26)

32 01 26 71-0001	Roadway Grooving <small>(32 01 26 71)</small>	
32 01 26 71-0002	SY Pavement Grooving, Concrete, Longitudinal	0.87
32 01 26 71-0003	SY Pavement Grooving, Concrete, Transverse	0.66
32 01 26 71-0004	Rumble Strips <small>(32 01 26 71)</small>	
32 01 26 71-0005	LF Safe-Strips Shoulder Rumble Strips, Asphalt	0.28
32 01 26 71-0006	LF Safe-Strips Shoulder Rumble Strips, Concrete	0.68
32 01 26 71-0007	Boat Ramps Grooving <small>(32 01 26 71)</small>	
32 01 26 71-0008	SY Concrete Grooving, Boat Ramps	1.40

32 01 90 Operation And Maintenance Of Planting (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13 Fertilizing (32 01 90)

32 01 90 13-0001	MSF Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	12.10
32 01 90 13-0002	MSF Fertilizer - 2 LB Of Nitrogen/MSF (Liquid).....	8.76
32 01 90 13-0003	MSF Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular).....	9.60
32 01 90 13-0004	MSF Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid).....	7.85

32 01 90 23 Pruning (32 01 90)

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

32 01 90 23-0001

Tree Pruning (32 01 90 23)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.

32 01 90 23-0002	EA Tree Pruning (Crown Cleaning), 1-1/2" Caliper	25.01	
	<i>For Crown Thinning, Tree Pruning, Add</i>	5.63	
	<i>For Crown Raising, Pruning, Add</i>	8.75	
	<i>For Crown Reduction, Tree Pruning, Add</i>	11.25	
	<i>For Crown Restoration, Pruning, Add</i>	16.67	
32 01 90 23-0003	EA Tree Pruning (Crown Cleaning), 2" Caliper.....	28.58	
	<i>For Crown Thinning, Tree Pruning, Add</i>	6.43	
	<i>For Crown Raising, Pruning, Add</i>	10.00	
	<i>For Crown Reduction, Tree Pruning, Add</i>	12.86	
	<i>For Crown Restoration, Pruning, Add</i>	19.05	
32 01 90 23-0004	EA Tree Pruning (Crown Cleaning), 2-1/2" Caliper	32.16	
	<i>For Crown Thinning, Tree Pruning, Add</i>	7.24	
	<i>For Crown Raising, Pruning, Add</i>	11.26	
	<i>For Crown Reduction, Tree Pruning, Add</i>	14.47	
	<i>For Crown Restoration, Pruning, Add</i>	21.44	
32 01 90 23-0005	EA Tree Pruning (Crown Cleaning), 3" Caliper.....	35.72	
	<i>For Crown Thinning, Tree Pruning, Add</i>	8.04	
	<i>For Crown Raising, Pruning, Add</i>	12.50	
	<i>For Crown Reduction, Tree Pruning, Add</i>	16.07	
	<i>For Crown Restoration, Pruning, Add</i>	23.81	
32 01 90 23-0006	EA Tree Pruning (Crown Cleaning), 4" Caliper, By Hand.....	54.29	
	<i>For Crown Thinning, Tree Pruning, Add</i>	12.22	
	<i>For Crown Raising, Pruning, Add</i>	19.00	
	<i>For Crown Reduction, Tree Pruning, Add</i>	24.43	
	<i>For Crown Restoration, Pruning, Add</i>	36.20	
32 01 90 23-0007	EA Tree Pruning (Crown Cleaning), 4" Caliper, Aerial Lift Equipment.....	86.88	
	<i>For Crown Thinning, Tree Pruning, Add</i>	19.55	
	<i>For Crown Raising, Pruning, Add</i>	30.41	
	<i>For Crown Reduction, Tree Pruning, Add</i>	39.10	
	<i>For Crown Restoration, Pruning, Add</i>	57.92	
32 01 90 23-0008	EA Tree Pruning (Crown Cleaning), 6" Caliper, By Hand.....	95.00	
	<i>For Crown Thinning, Tree Pruning, Add</i>	21.38	
	<i>For Crown Raising, Pruning, Add</i>	33.25	
	<i>For Crown Reduction, Tree Pruning, Add</i>	42.75	
	<i>For Crown Restoration, Pruning, Add</i>	63.34	
32 01 90 23-0009	EA Tree Pruning (Crown Cleaning), 6" Caliper, Aerial Lift Equipment.....	165.46	
	<i>For Crown Thinning, Tree Pruning, Add</i>	37.23	
	<i>For Crown Raising, Pruning, Add</i>	57.91	
	<i>For Crown Reduction, Tree Pruning, Add</i>	74.46	
	<i>For Crown Restoration, Pruning, Add</i>	110.31	
32 01 90 23-0010	EA Tree Pruning (Crown Cleaning), 9" Caliper, By Hand.....	152.15	
	<i>For Crown Thinning, Tree Pruning, Add</i>	34.23	
	<i>For Crown Raising, Pruning, Add</i>	53.25	
	<i>For Crown Reduction, Tree Pruning, Add</i>	68.47	
	<i>For Crown Restoration, Pruning, Add</i>	101.44	
32 01 90 23-0011	EA Tree Pruning (Crown Cleaning), 9" Caliper, Aerial Lift Equipment.....	264.68	
	<i>For Crown Thinning, Tree Pruning, Add</i>	59.55	
	<i>For Crown Raising, Pruning, Add</i>	92.64	
	<i>For Crown Reduction, Tree Pruning, Add</i>	119.11	
	<i>For Crown Restoration, Pruning, Add</i>	176.46	
32 01 90 23-0012	EA Tree Pruning (Crown Cleaning), 12" Caliper, By Hand.....	175.81	
	<i>For Crown Thinning, Tree Pruning, Add</i>	39.56	
	<i>For Crown Raising, Pruning, Add</i>	61.53	
	<i>For Crown Reduction, Tree Pruning, Add</i>	79.11	
	<i>For Crown Restoration, Pruning, Add</i>	117.21	
32 01 90 23-0013	EA Tree Pruning (Crown Cleaning), 12" Caliper, Aerial Lift Equipment.....	306.09	
	<i>For Crown Thinning, Tree Pruning, Add</i>	68.87	
	<i>For Crown Raising, Pruning, Add</i>	107.13	
	<i>For Crown Reduction, Tree Pruning, Add</i>	137.74	
	<i>For Crown Restoration, Pruning, Add</i>	204.07	
32 01 90 23-0014	EA Tree Pruning (Crown Cleaning), 18" Caliper By Hand.....	204.36	
	<i>For Crown Thinning, Tree Pruning, Add</i>	45.98	
	<i>For Crown Raising, Pruning, Add</i>	71.53	
	<i>For Crown Reduction, Tree Pruning, Add</i>	91.96	
	<i>For Crown Restoration, Pruning, Add</i>	136.25	

32 Exterior Improvements**32 01 Operation And Maintenance Of Exterior Improvements****32 01 90 Operation And Maintenance Of Planting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 90 23-0015	EA	Tree Pruning (Crown Cleaning), 18" Caliper By Hand, Aerial Lift Equipment	355.72	
		<i>For Crown Thinning, Tree Pruning, Add</i>	80.04	
		<i>For Crown Raising, Pruning, Add</i>	124.50	
		<i>For Crown Reduction, Tree Pruning, Add</i>	160.07	
		<i>For Crown Restoration, Pruning, Add</i>	237.16	
32 01 90 23-0016	EA	Tree Pruning (Crown Cleaning), 24" Caliper, By Hand	248.77	
		<i>For Crown Thinning, Tree Pruning, Add</i>	55.97	
		<i>For Crown Raising, Pruning, Add</i>	87.07	
		<i>For Crown Reduction, Tree Pruning, Add</i>	111.95	
		<i>For Crown Restoration, Pruning, Add</i>	165.85	
32 01 90 23-0017	EA	Tree Pruning (Crown Cleaning), 24" Caliper, Aerial Lift Equipment	430.26	
		<i>For Crown Thinning, Tree Pruning, Add</i>	96.81	
		<i>For Crown Raising, Pruning, Add</i>	150.59	
		<i>For Crown Reduction, Tree Pruning, Add</i>	193.62	
		<i>For Crown Restoration, Pruning, Add</i>	286.85	
32 01 90 23-0018	EA	Tree Pruning (Crown Cleaning), 30" Caliper, By Hand	309.03	
		<i>For Crown Thinning, Tree Pruning, Add</i>	69.53	
		<i>For Crown Raising, Pruning, Add</i>	108.16	
		<i>For Crown Reduction, Tree Pruning, Add</i>	139.06	
		<i>For Crown Restoration, Pruning, Add</i>	206.03	
32 01 90 23-0019	EA	Tree Pruning (Crown Cleaning), 30" Caliper, Aerial Lift Equipment	542.25	
		<i>For Crown Thinning, Tree Pruning, Add</i>	122.01	
		<i>For Crown Raising, Pruning, Add</i>	189.79	
		<i>For Crown Reduction, Tree Pruning, Add</i>	244.01	
		<i>For Crown Restoration, Pruning, Add</i>	361.52	
32 01 90 23-0020	EA	Tree Pruning (Crown Cleaning), 36" Caliper, By Hand	423.27	
		<i>For Crown Thinning, Tree Pruning, Add</i>	95.24	
		<i>For Crown Raising, Pruning, Add</i>	148.14	
		<i>For Crown Reduction, Tree Pruning, Add</i>	190.47	
		<i>For Crown Restoration, Pruning, Add</i>	282.19	
32 01 90 23-0021	EA	Tree Pruning (Crown Cleaning), 36" Caliper, Aerial Lift Equipment	734.92	
		<i>For Crown Thinning, Tree Pruning, Add</i>	165.36	
		<i>For Crown Raising, Pruning, Add</i>	257.22	
		<i>For Crown Reduction, Tree Pruning, Add</i>	330.71	
		<i>For Crown Restoration, Pruning, Add</i>	489.97	
32 01 90 23-0022	EA	Tree Pruning (Crown Cleaning), 48" Caliper, By Hand	671.49	
		<i>For Crown Thinning, Tree Pruning, Add</i>	151.09	
		<i>For Crown Raising, Pruning, Add</i>	235.02	
		<i>For Crown Reduction, Tree Pruning, Add</i>	302.17	
		<i>For Crown Restoration, Pruning, Add</i>	447.68	
32 01 90 23-0023	EA	Tree Pruning (Crown Cleaning), 48" Caliper, Aerial Lift Equipment	1,181.88	
		<i>For Crown Thinning, Tree Pruning, Add</i>	265.92	
		<i>For Crown Raising, Pruning, Add</i>	413.66	
		<i>For Crown Reduction, Tree Pruning, Add</i>	531.85	
		<i>For Crown Restoration, Pruning, Add</i>	787.96	

32 01 90 23-0024 Shrub Pruning (32 01 90 23)

32 01 90 23-0025	MSF	Shrub Pruning, Prune, Shrub Bed.....	81.42	
32 01 90 23-0026	EA	Shrub Pruning, Prune, Shrub Under 3' Height	2.86	
32 01 90 23-0027	EA	Shrub Pruning, Prune, Shrub 4' Height	6.43	
32 01 90 23-0028	EA	Shrub Pruning, Prune, Shrub Over 6'	11.43	
32 01 90 23-0029	EA	Shrub Pruning, Prune Trees From Ground	28.58	
32 01 90 23-0030	EA	Shrub Pruning, Prune Trees From Ground, High Work	71.45	

32 01 90 23-0031 Root Pruning (32 01 90 23)

Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.

32 01 90 23-0032	EA	Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	14.29	
32 01 90 23-0033	EA	Root Pruning, One Side Of 2" Caliper Tree	17.86	
32 01 90 23-0034	EA	Root Pruning, One Side Of 2-1/2" Caliper Tree	21.43	
32 01 90 23-0035	EA	Root Pruning, One Side Of 3" Caliper Tree	28.58	
32 01 90 23-0036	EA	Root Pruning, One Side Of 4" Caliper Tree	42.87	
32 01 90 23-0037	EA	Root Pruning, One Side Of 6" Caliper Tree	53.59	
32 01 90 23-0038	EA	Root Pruning, One Side Of 9" Caliper Tree	75.02	
32 01 90 23-0039	EA	Root Pruning, One Side Of 12" Caliper Tree	85.74	
32 01 90 23-0040	EA	Root Pruning, One Side Of 18" Caliper Tree	100.02	
32 01 90 23-0041	EA	Root Pruning, One Side Of 24" Caliper Tree	125.03	
32 01 90 23-0042	EA	Root Pruning, One Side Of 30" Caliper Tree	153.61	
32 01 90 23-0043	EA	Root Pruning, One Side Of 36" Caliper Tree	178.62	
32 01 90 23-0044	EA	Root Pruning, One Side Of 48" Caliper Tree	214.34	

32 01 90 26 Watering (32 01 90)

Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.

32 01 90 26-0001 Watering Lawns, Plants And Trees (32 01 90 26)

Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.

32 01 90 26-0002	MSF	Watering Sod/Grass, Per Inch Of Water	26.67	
32 01 90 26-0003	CSF	Watering Groundcover	4.32	
32 01 90 26-0004	CSF	Watering Annuals And Perennials	7.94	
32 01 90 26-0005	EA	Watering Trees, 1" To 5" Diameter By Hand	7.99	
32 01 90 26-0006	EA	Watering Trees, 6" To 12" Diameter By Hand	10.68	

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

32 01 90 26-0007	EA	Watering Trees, 13" To 18" Diameter By Hand		13.51	
32 01 90 26-0008	EA	Watering Trees, >18" Diameter By Hand.....		16.01	
32 01 90 26-0009	EA	Watering Shrub Or Bush By Hand.....		7.00	

32 01 90 36 Weed And Brush Control (32 01 90)
32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied (32 01 90 36)

32 01 90 36-0002	MSF	Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF).....		6.38	
		<i>For >45 To 90, Deduct</i>		-0.34	
		<i>For >90 To 225, Deduct</i>		-0.98	
		<i>For >225 To 870, Deduct</i>		-1.62	
		<i>For >870, Deduct</i>		-1.95	
32 01 90 36-0003	MSF	Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)		6.71	
		<i>For >45 To 90, Deduct</i>		-0.37	
		<i>For >90 To 225, Deduct</i>		-1.04	
		<i>For >225 To 870, Deduct</i>		-1.71	
		<i>For >870, Deduct</i>		-2.09	
32 01 90 36-0004	MSF	Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF).....		6.69	
		Note: Includes pre and post emergent.			
		<i>For >45 To 90, Deduct</i>		-0.37	
		<i>For >90 To 225, Deduct</i>		-1.04	
		<i>For >225 To 870, Deduct</i>		-1.71	
		<i>For >870, Deduct</i>		-2.08	
32 01 90 36-0005	MSF	Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)		6.90	
		Note: Includes pre and post emergents.			
		<i>For >45 To 90, Deduct</i>		-0.39	
		<i>For >90 To 225, Deduct</i>		-1.08	
		<i>For >225 To 870, Deduct</i>		-1.77	
		<i>For >870, Deduct</i>		-2.16	

32 01 90 39 Pesticides (32 01 90)

32 01 90 39-0001	MSF	Pesticide - Surface Eating.....		9.14	
32 01 90 39-0002	MSF	Pesticide - Subsurface Eating.....		9.18	
32 01 90 39-0003	MSF	Pesticide - Fungicide Application.....		9.95	

32 10 Bases, Ballasts, And Paving (32)
32 11 Base Courses (32 10)
32 11 16 Subbase Courses (32 11)
32 11 16 16 Aggregate Subbase Courses (32 11 16)
32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas (32 11 16 16)

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY (32 11 16 16-0001)

32 11 16 16-0003	CY	Graded Crushed Aggregate Roadway Base Course		53.81	
		<i>For Limestone, Deduct</i>		-2.94	
32 11 16 16-0004	CY	Class II Base Course.....		59.80	
32 11 16 16-0005	CY	Class III Base Course.....		60.71	

32 11 16 16-0006 Base And Subbase Courses By The SY (32 11 16 16-0001)

32 11 16 16-0007	SY	2" Crushed Aggregate Base Course.....		3.00	
		<i>For Limestone, Deduct</i>		-0.17	
		<i>For Up To 500, Add</i>		0.81	
		<i>For >500 To 1,000, Add</i>		0.30	
		<i>For >5,000 To 10,000, Deduct</i>		-0.11	
		<i>For >10,000, Deduct</i>		-0.20	
32 11 16 16-0008	SY	4" Crushed Aggregate Base Course.....		5.70	
		<i>For Limestone, Deduct</i>		-0.27	
		<i>For Up To 500, Add</i>		1.56	
		<i>For >500 To 1,000, Add</i>		0.57	
		<i>For >5,000 To 10,000, Deduct</i>		-0.22	
		<i>For >10,000, Deduct</i>		-0.37	
32 11 16 16-0009	SY	6" Crushed Aggregate Base Course.....		8.85	
		<i>For Limestone, Deduct</i>		-0.47	
		<i>For Up To 500, Add</i>		2.40	
		<i>For >500 To 1,000, Add</i>		0.89	
		<i>For >5,000 To 10,000, Deduct</i>		-0.34	
		<i>For >10,000, Deduct</i>		-0.58	
32 11 16 16-0010	SY	9" Crushed Aggregate Base Course.....		12.97	
		<i>For Limestone, Deduct</i>		-0.65	
		<i>For Up To 500, Add</i>		3.54	
		<i>For >500 To 1,000, Add</i>		1.30	
		<i>For >5,000 To 10,000, Deduct</i>		-0.49	
		<i>For >10,000, Deduct</i>		-0.84	
32 11 16 16-0011	SY	12" Crushed Aggregate Base Course.....		17.91	
		<i>For Limestone, Deduct</i>		-0.98	
		<i>For Up To 500, Add</i>		4.84	
		<i>For >500 To 1,000, Add</i>		1.79	
		<i>For >5,000 To 10,000, Deduct</i>		-0.68	
		<i>For >10,000, Deduct</i>		-1.16	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 11 Base Courses**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 11 23 Aggregate Base Courses (32 11)**32 11 23 16 Aggregate Base Courses** (32 11 23)

32 11 23 16-0001	Base Courses For Sidewalk (Asphalt Or Concrete) (32 11 23 16)	
	Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.	
32 11 23 16-0002	SF 2" Crushed Aggregate Base Course.....	0.40
	For Up To 1,000, Add	0.11
	For >1,000 To 2,500, Add	0.04
32 11 23 16-0003	SF 3" Crushed Aggregate Base Course.....	0.57
	For Up To 1,000, Add	0.16
	For >1,000 To 2,500, Add	0.06
32 11 23 16-0004	SF 4" Crushed Aggregate Base Course.....	0.73
	For Up To 1,000, Add	0.21
	For >1,000 To 2,500, Add	0.07
32 11 23 16-0005	SF 5" Crushed Aggregate Base Course.....	0.95
	For Up To 1,000, Add	0.27
	For >1,000 To 2,500, Add	0.10
32 11 23 16-0006	SF 6" Crushed Aggregate Base Course.....	1.15
	For Up To 1,000, Add	0.32
	For >1,000 To 2,500, Add	0.12
32 11 23 16-0007	SF 7" Crushed Aggregate Base Course.....	1.34
	For Up To 1,000, Add	0.38
	For >1,000 To 2,500, Add	0.13
32 11 23 16-0008	SF 8" Crushed Aggregate Base Course.....	1.52
	For Up To 1,000, Add	0.43
	For >1,000 To 2,500, Add	0.15

32 11 26 Asphaltic Base Courses (32 11)**32 11 26 19 Bituminous-Stabilized Base Courses** (32 11 26)

32 11 26 19-0001	Bituminous-Stabilized Base Courses (32 11 26 19)	
32 11 26 19-0002	CY Bituminous Stabilized Base Course.....	66.20
	Note: 3/4" ASTM C33.	

32 12 Flexible Paving (32 10)**32 12 13 Preparatory Coats** (32 12)**32 12 13 13 Tack Coats** (32 12 13)

32 12 13 13-0001	SY Tack Coat, 0.04 Gallon/SY.....	0.39
	For Up To 150, Add	0.07
	For >150 To 300, Add	0.04
	For >300 To 500, Add	0.02
	For >3,500 To 5,000, Deduct	-0.01
	For >5,000, Deduct	-0.02
32 12 13 13-0002	SY Tack Coat, 0.05 Gallon/SY.....	0.43
	For Up To 150, Add	0.08
	For >150 To 300, Add	0.04
	For >300 To 500, Add	0.02
	For >3,500 To 5,000, Deduct	-0.01
	For >5,000, Deduct	-0.03
32 12 13 13-0003	SY Tack Coat, 0.07 Gallon/SY.....	0.49
	For Up To 150, Add	0.10
	For >150 To 300, Add	0.05
	For >300 To 500, Add	0.02
	For >3,500 To 5,000, Deduct	-0.01
	For >5,000, Deduct	-0.03
32 12 13 13-0004	SY Tack Coat, 0.08 Gallon/SY.....	0.53
	For Up To 150, Add	0.11
	For >150 To 300, Add	0.05
	For >300 To 500, Add	0.03
	For >3,500 To 5,000, Deduct	-0.01
	For >5,000, Deduct	-0.03
32 12 13 13-0005	SY Tack Coat, 0.10 Gallon/SY.....	0.59
	For Up To 150, Add	0.12
	For >150 To 300, Add	0.06
	For >300 To 500, Add	0.03
	For >3,500 To 5,000, Deduct	-0.01
	For >5,000, Deduct	-0.04
32 12 13 13-0006	SY Tack Coat, 0.11 Gallon/SY.....	0.63
	For Up To 150, Add	0.13
	For >150 To 300, Add	0.06
	For >300 To 500, Add	0.03
	For >3,500 To 5,000, Deduct	-0.02
	For >5,000, Deduct	-0.04

32 12 13 19 Prime Coats (32 12 13)

32 12 13 19-0001	SY Surface Prime Coat, 0.26 Gallon/SY.....	1.01
	For Up To 150, Add	0.22
	For >150 To 300, Add	0.10
	For >300 To 500, Add	0.05
	For >3,500 To 5,000, Deduct	-0.03
	For >5,000, Deduct	-0.07

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

32 12 13 19-0002	SY		Surface Prime Coat, 0.28 Gallon/SY	1.07	
			<i>For Up To 150, Add</i>	0.24	
			<i>For >150 To 300, Add</i>	0.11	
			<i>For >300 To 500, Add</i>	0.05	
			<i>For >3,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000, Deduct</i>	-0.07	
32 12 13 19-0003	SY		Surface Prime Coat, 0.30 Gallon/SY	1.12	
			<i>For Up To 150, Add</i>	0.25	
			<i>For >150 To 300, Add</i>	0.11	
			<i>For >300 To 500, Add</i>	0.06	
			<i>For >3,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000, Deduct</i>	-0.08	

32 12 16 Asphalt Paving (32 12)
32 12 16 13 Plant-Mix Asphalt Paving (32 12 16)

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) (32 12 16 13)

Note: Meets Caltran requirements.

32 12 16 13-0002	TON		Bituminous Hot Mix Intermediate Course 3,954 LB/CY	122.47	
			Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
			<i>For Warm Mix Additive, Add</i>	6.61	
			<i>For >500 To 1,000, Deduct</i>	-5.43	
			<i>For >1,000 To 2,500, Deduct</i>	-9.84	
			<i>For >2,500 To 5,000, Deduct</i>	-15.27	
			<i>For >5,000, Deduct</i>	-21.89	
32 12 16 13-0003	SY		1" Thick Binder Course	7.08	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >10,000 To 20,000, Deduct</i>	-0.31	
			<i>For >20,000 To 50,000, Deduct</i>	-0.56	
			<i>For >50,000 To 100,000, Deduct</i>	-0.87	
			<i>For >100,000, Deduct</i>	-1.25	
32 12 16 13-0004	SY		1-1/2" Thick Binder Course	10.48	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >7,000 To 14,000, Deduct</i>	-0.46	
			<i>For >14,000 To 32,000, Deduct</i>	-0.84	
			<i>For >32,000 To 64,000, Deduct</i>	-1.30	
			<i>For >64,000, Deduct</i>	-1.87	
32 12 16 13-0005	SY		2" Thick Binder Course	13.84	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >5,000 To 10,000, Deduct</i>	-0.61	
			<i>For >10,000 To 24,000, Deduct</i>	-1.11	
			<i>For >24,000 To 48,000, Deduct</i>	-1.72	
			<i>For >48,000, Deduct</i>	-2.47	
32 12 16 13-0006	SY		2-1/2" Thick Binder Course	16.84	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >4,000 To 8,000, Deduct</i>	-0.76	
			<i>For >8,000 To 20,000, Deduct</i>	-1.37	
			<i>For >20,000 To 40,000, Deduct</i>	-2.13	
			<i>For >40,000, Deduct</i>	-3.05	
32 12 16 13-0007	SY		3" Thick Binder Course	19.86	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >3,000 To 6,000, Deduct</i>	-0.90	
			<i>For >6,000 To 16,000, Deduct</i>	-1.63	
			<i>For >16,000 To 32,000, Deduct</i>	-2.53	
			<i>For >32,000, Deduct</i>	-3.63	
32 12 16 13-0008	SY		3-1/2" Thick Binder Course	23.14	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >2,800 To 5,600, Deduct</i>	-1.05	
			<i>For >5,600 To 14,000, Deduct</i>	-1.90	
			<i>For >14,000 To 28,000, Deduct</i>	-2.95	
			<i>For >28,000, Deduct</i>	-4.23	
32 12 16 13-0009	SY		4" Thick Binder Course	26.49	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >2,500 To 5,000, Deduct</i>	-1.20	
			<i>For >5,000 To 12,000, Deduct</i>	-2.18	
			<i>For >12,000 To 24,000, Deduct</i>	-3.38	
			<i>For >24,000, Deduct</i>	-4.84	
32 12 16 13-0010	SY		5" Thick Binder Course	33.07	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >2,000 To 3,900, Deduct</i>	-1.50	
			<i>For >3,900 To 10,000, Deduct</i>	-2.72	
			<i>For >10,000 To 20,000, Deduct</i>	-4.22	
			<i>For >20,000, Deduct</i>	-6.05	
32 12 16 13-0011	SY		6" Thick Binder Course	39.74	
			Note: Includes placement, rolling, finishing and sweeping.		
			<i>For >1,600 To 3,200, Deduct</i>	-1.80	
			<i>For >3,200 To 8,000, Deduct</i>	-3.26	
			<i>For >8,000 To 16,000, Deduct</i>	-5.06	
			<i>For >16,000, Deduct</i>	-7.26	

32 12 16 13-0012 Surface Courses, Hot Mix Asphalt (HMA) (32 12 16 13)

Note: Meets Caltran requirements.

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 12 Flexible Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 12 16 13-0013	TON	Bituminous Hot Mix Surface Course 3954 LB/CY	127.66
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	
		For PG64-10 Asphalt, Add	7.63
		For Warm Mix Additive, Add	6.61
		For >500 To 1,000, Deduct	-5.51
		For >1,000 To 2,500, Deduct	-10.01
		For >2,500 To 5,000, Deduct	-15.53
		For >5,000, Deduct	-22.27
32 12 16 13-0014	TON	Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	141.15
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	
		For Warm Mix Additive, Add	7.20
32 12 16 13-0015	TON	Asphalt Rubberized Hot Mix (ARHM) Surface Course	151.32
		Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.	
		For Warm Mix Additive, Add	7.87
32 12 16 13-0016	SY	1" Thick Surface Course	7.21
		Note: Includes placement, rolling, finishing and sweeping.	
		For PG64-10 Asphalt, Add	0.40
		For >10,000 To 20,000, Deduct	-0.30
		For >20,000 To 50,000, Deduct	-0.55
		For >50,000 To 100,000, Deduct	-0.86
		For >100,000, Deduct	-1.24
32 12 16 13-0017	SY	1-1/2" Thick Surface Course	10.62
		Note: Includes placement, rolling, finishing and sweeping.	
		For PG64-10 Asphalt, Add	0.60
		For >7,000 To 14,000, Deduct	-0.45
		For >14,000 To 32,000, Deduct	-0.82
		For >32,000 To 64,000, Deduct	-1.28
		For >64,000, Deduct	-1.84
32 12 16 13-0018	SY	2" Thick Surface Course	13.99
		Note: Includes placement, rolling, finishing and sweeping.	
		For PG64-10 Asphalt, Add	0.80
		For >5,000 To 10,000, Deduct	-0.60
		For >10,000 To 24,000, Deduct	-1.09
		For >24,000 To 48,000, Deduct	-1.69
		For >48,000, Deduct	-2.43
32 12 16 13-0019	SY	2-1/2" Thick Surface Course	16.93
		Note: Includes placement, rolling, finishing and sweeping.	
		For PG64-10 Asphalt, Add	1.00
		For >4,000 To 8,000, Deduct	-0.74
		For >8,000 To 20,000, Deduct	-1.34
		For >20,000 To 40,000, Deduct	-2.08
		For >40,000, Deduct	-2.99
32 12 16 13-0020	SY	3" Thick Surface Course	19.89
		Note: Includes placement, rolling, finishing and sweeping.	
		For PG64-10 Asphalt, Add	1.20
		For >3,000 To 6,000, Deduct	-0.88
		For >6,000 To 16,000, Deduct	-1.60
		For >16,000 To 32,000, Deduct	-2.47
		For >32,000, Deduct	-3.55
32 12 16 13-0021	CSF	Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench.....	50.70
32 12 16 13-0022		Hand Placed, Hot Mix Asphalt (HMA) (32 12 16 13)	
32 12 16 13-0023	TON	Hand Placed Hot Mixed Asphalt 3,954 LB/CY	276.79
		Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.	
32 12 16 19		Cold-Mix Asphalt Paving (32 12 16)	
		Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.	
32 12 16 19-0001		Cold Mix Asphalt (CMA) Pavement (32 12 16 19)	
		Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.	
32 12 16 19-0002	SY	Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course.....	11.19
32 12 16 19-0003	SY	Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course.....	10.95
32 12 16 19-0004	SY	Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	18.52
32 12 16 39		Fabrics (32 12 16)	
		See CSI section 31 32 19 16-0000 for geotextile fabric.	
32 12 16 39-0001	SY	3.6 Oz/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	0.81
		For Up To 50, Add	0.20
		For >50 To 150, Add	0.14
		For >150 To 250, Add	0.09
		For >250 To 500, Add	0.05
32 12 16 39-0002	SY	4.1 Oz/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)	0.86
		For Up To 50, Add	0.21
		For >50 To 150, Add	0.15
		For >150 To 250, Add	0.10
		For >250 To 500, Add	0.05
32 12 16 43		Waterproofing Membranes (32 12 16)	
32 12 16 43-0001		Waterproofing Membranes (32 12 16 43)	
32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane	28.64
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane	21.69
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane	13.82

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 12 33 Flexible Paving Surface Treatments (32 12)

32 12 33 00-0001	Bituminous Surface Treatment For Roadways (32 12 33)	
	Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.	
32 12 33 00-0002	SY Single Course Bituminous Treatment, Prepare And Clean Surface Roadway.....	2.58
32 12 33 00-0003	SY Double Course Bituminous Treatment, Prepare And Clean Surface Roadway.....	4.57

32 12 33 00-0004 Bituminous Surface Treatment For Trails (32 12 33)

	Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.	
32 12 33 00-0005	SY Bituminous Surface Treatment, For Trails	1.86

32 12 36 Seal Coats (32 12)
32 12 36 00-0001 Asphalt Seal Coating, For Roads And Parking Lot (32 12 36)

	Note: Includes sweeping and cleaning of area.	
32 12 36 00-0002	SY Asphalt Seal Coating Minimum.....	361.18
	Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	

32 12 36 00-0003	SY Up To 500 SY, Type II Slurry Seal Asphalt Coating.....	6.08
	Note: 1/4" thick, 14 to 18 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.47
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.60
	For Latex Modified Asphalt Emulsion, Add	0.47

32 12 36 00-0004	SY >500 To 1,000 SY, Type II Slurry Seal Asphalt Coating	5.01
	Note: 1/4" thick, 14 to 18 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.41
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.54
	For Latex Modified Asphalt Emulsion, Add	0.41

32 12 36 00-0005	SY >1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating	4.07
	Note: 1/4" thick, 14 to 18 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.47
	For Latex Modified Asphalt Emulsion, Add	0.35

32 12 36 00-0006	SY >5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating	3.34
	Note: 1/4" thick, 14 to 18 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.30
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.40
	For Latex Modified Asphalt Emulsion, Add	0.30

32 12 36 00-0007	SY >20,000 SY, Type II Slurry Seal Asphalt Coating	2.83
	Note: 1/4" thick, 14 to 18 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.26
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.35
	For Latex Modified Asphalt Emulsion, Add	0.26

32 12 36 00-0008	SY Up To 500 SY, Type III Slurry Seal Asphalt Coating.....	7.00
	Note: 3/8" thick, 25 to 30 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.54
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.69
	For Latex Modified Asphalt Emulsion, Add	0.54

32 12 36 00-0009	SY >500 To 1,000 SY, Type III Slurry Seal Asphalt Coating	5.91
	Note: 3/8" thick, 25 to 30 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.49
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.64
	For Latex Modified Asphalt Emulsion, Add	0.49

32 12 36 00-0010	SY >1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating	4.73
	Note: 3/8" thick, 25 to 30 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.41
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.55
	For Latex Modified Asphalt Emulsion, Add	0.41

32 12 36 00-0011	SY >5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating	3.89
	Note: 3/8" thick, 25 to 30 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.47
	For Latex Modified Asphalt Emulsion, Add	0.35

32 12 36 00-0012	SY >20,000 SY, Type III Slurry Seal Asphalt Coating	3.31
	Note: 3/8" thick, 25 to 30 Lbs/SY.	

	For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.30
	For Rubberized Polymer Modified Emulsion (RPME), Add	0.41
	For Latex Modified Asphalt Emulsion, Add	0.30

32 12 36 00-0013	SY Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	5.76
------------------	--	------

32 12 36 00-0014	SY >500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.90
------------------	---	------

32 12 36 00-0015	SY >1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	4.00
------------------	---	------

32 12 36 00-0016	SY >5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	3.32
------------------	--	------

32 12 36 00-0017	SY >20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	2.83
------------------	--	------

32 12 36 00-0018	SY Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	6.69
------------------	---	------

32 12 36 00-0019	SY >500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	5.83
------------------	--	------

32 12 36 00-0020	SY >1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	4.83
------------------	--	------

32 12 36 00-0021	SY >5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	4.08
------------------	--	------

32 12 36 00-0022	SY >20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	3.50
------------------	---	------

32 12 36 00-0023 Water Based Emulsion Sealer (32 12 36)

	Note: Includes sweeping and cleaning of area.	
32 12 36 00-0024	SY Up To 500 SY Water Based Emulsion Sealer, For Asphalt, First Coat.....	3.49

	For Additional Coats, Add	1.93
--	---------------------------	------

32 12 36 00-0025	SY >500 To 1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat	2.80
------------------	--	------

	For Additional Coats, Add	1.55
--	---------------------------	------

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 12 Flexible Paving

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 12 36 00-0026	SY	>1,000 SY Water Based Emulsion Sealer, For Asphalt, First Coat..... <i>For Additional Coats, Add</i>	2.12 1.16
32 12 36 00-0027		Sand Sealer <small>(32 12 36)</small> Note: To be added to Slurry Seal.	
32 12 36 00-0028	SY	Up To 200 SY Sand Seal Spray Applied Asphalt Emulsion.....	2.21
32 12 36 00-0029	SY	>200 To 500 SY Sand Seal Spray Applied Asphalt Emulsion.....	1.68
32 12 36 00-0030	SY	>500 To 1,100 SY Sand Seal Spray Applied Asphalt Emulsion.....	1.48
32 12 36 00-0031	SY	>1,100 To 4,400 SY Sand Seal Spray Applied Asphalt Emulsion.....	1.13
32 12 36 00-0032	SY	>4,400 To 7,800 SY Sand Seal Spray Applied Asphalt Emulsion.....	1.03
32 12 36 00-0033	SY	>7,800 To 16,700 SY Sand Seal Spray Applied Asphalt Emulsion.....	0.95
32 12 36 00-0034	SY	>16,700 SY Sand Seal Spray Applied Asphalt Emulsion.....	0.88
32 12 36 00-0035		Fog Sealer <small>(32 12 36)</small>	
32 12 36 00-0036	SY	Up To 200 SY Fog Seal, SS-1H.....	1.98
32 12 36 00-0037	SY	>200 To 500 SY Fog Seal, SS-1H.....	1.43
32 12 36 00-0038	SY	>500 To 1,100 SY Fog Seal, SS-1.....	1.24
32 12 36 00-0039	SY	>1,100 To 4,400 SY Fog Seal, SS-1H.....	0.89
32 12 36 00-0040	SY	>4,400 To 7,800 SY Fog Seal, SS-1H.....	0.79
32 12 36 00-0041	SY	>7,800 To 16,700 SY Fog Seal, SS-1H.....	0.71
32 12 36 00-0042	SY	>16,700 SY Fog Seal, SS-1H.....	0.62
32 12 36 00-0043		Asphalt Emulsion Sealers (Chip Seal) <small>(32 12 36)</small>	
32 12 36 00-0044		Fine Screenings Seal Coat <small>(32 12 36 00-0043)</small> Note: 12 to 20 # Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.	
32 12 36 00-0045	SY	Up To 200 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.70
32 12 36 00-0046	SY	>200 To 500 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.10
32 12 36 00-0047	SY	>500 To 1,100 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.88
32 12 36 00-0048	SY	>1,100 To 4,400 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.52
32 12 36 00-0049	SY	>4,400 To 7,800 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.40
32 12 36 00-0050	SY	>7,800 To 16,700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.30
32 12 36 00-0051	SY	>16,700 SY Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.22
32 12 36 00-0052		Medium Fine Screenings Seal Coat <small>(32 12 36 00-0043)</small> Note: 16 to 25 # Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.	
32 12 36 00-0053	SY	Up To 200 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.03
32 12 36 00-0054	SY	>200 To 500 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.39
32 12 36 00-0055	SY	>500 To 1,100 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.16
32 12 36 00-0056	SY	>1,100 To 4,400 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.78
32 12 36 00-0057	SY	>4,400 To 7,800 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.65
32 12 36 00-0058	SY	>7,800 To 16,700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.55
32 12 36 00-0059	SY	>16,700 SY Medium Fine Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.46
32 12 36 00-0060		Medium Screenings Seal Coat <small>(32 12 36 00-0043)</small> Note: 20 to 30 # Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.	
32 12 36 00-0061	SY	Up To 200 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.14
32 12 36 00-0062	SY	>200 To 500 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.49
32 12 36 00-0063	SY	>500 To 1,100 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.25
32 12 36 00-0064	SY	>1,100 To 4,400 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.87
32 12 36 00-0065	SY	>4,400 To 7,800 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.73
32 12 36 00-0066	SY	>7,800 To 16,700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.63
32 12 36 00-0067	SY	>16,700 SY Medium Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.54
32 12 36 00-0068		Course Screenings Seal Coat <small>(32 12 36 00-0043)</small> Note: 23 to 30 # Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.	
32 12 36 00-0069	SY	Up To 200 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.22
32 12 36 00-0070	SY	>200 To 500 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.56
32 12 36 00-0071	SY	>500 To 1,100 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.32
32 12 36 00-0072	SY	>1,100 To 4,400 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.93
32 12 36 00-0073	SY	>4,400 To 7,800 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.80
32 12 36 00-0074	SY	>7,800 To 16,700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.69
32 12 36 00-0075	SY	>16,700 SY Coarse Screenings Asphalt Emulsion Seal Coat Spray Applied.....	1.59
32 12 36 00-0076		Double Screenings Seal Coat <small>(32 12 36 00-0043)</small> Note: First coat 23 to 30 # Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 # Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.	
32 12 36 00-0077	SY	Up To 200 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	4.95
32 12 36 00-0078	SY	>200 To 500 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.94
32 12 36 00-0079	SY	>500 To 1,100 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.60
32 12 36 00-0080	SY	>1,100 To 4,400 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	3.00
32 12 36 00-0081	SY	>4,400 To 7,800 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.80
32 12 36 00-0082	SY	>7,800 To 16,700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.65
32 12 36 00-0083	SY	>16,700 SY Double Screenings Asphalt Emulsion Seal Coat Spray Applied.....	2.49
32 12 36 00-0084		Seal Coat With Sand And Latex <small>(32 12 36)</small>	
32 12 36 00-0085	SY	Up To 250 SY Seal Coat With Sand And Latex Added (One Coat).....	4.28

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

32 12 36 00-0086	SY	>250 To 500 SY Seal Coat With Sand And Latex Added (One Coat).....	3.54
32 12 36 00-0087	SY	>500 To 1,000 SY Seal Coat With Sand And Latex Added (One Coat).....	2.81
32 12 36 00-0088	SY	>1,000 To 2,500 SF Seal Coat With Sand And Latex Added (One Coat).....	2.06
32 12 36 00-0089	SY	>2,500 To 5,000 SY Seal Coat With Sand And Latex Added (One Coat).....	1.63
32 12 36 00-0090	SY	>5,000 To 10,000 SY Seal Coat With Sand And Latex Added (One Coat).....	1.48
32 12 36 00-0091	SY	>10,000 To 20,000 SY Seal Coat With Sand And Latex Added (One Coat).....	1.33
32 12 36 00-0092	SY	>20,000 To 40,000 SY Seal Coat With Sand And Latex Added (One Coat).....	1.18
32 12 36 00-0093	SY	>40,000 SY Seal Coat With Sand And Latex Added (One Coat).....	1.03

32 12 36 00-0094 Asphalt Rubber Aggregate Membrane ^(32 12 36)

Note: Includes cleaning and preparing existing surface, spreading asphalt rubber and cover aggregate, rolling and sweeping.

32 12 36 00-0095	SY	Up To 200 SY 3/8" Asphalt Rubber Aggregate Membrane.....	5.46
32 12 36 00-0096	SY	>200 To 500 SY 3/8" Asphalt Rubber Aggregate Membrane.....	4.38
32 12 36 00-0097	SY	>500 To 1,100 SY 3/8" Asphalt Rubber Aggregate Membrane.....	4.01
32 12 36 00-0098	SY	>1,100 To 4,400 SY 3/8" Asphalt Rubber Aggregate Membrane.....	3.40
32 12 36 00-0099	SY	>4,400 To 7,800 SY 3/8" Asphalt Rubber Aggregate Membrane.....	3.18
32 12 36 00-0100	SY	>7,800 To 16,700 SY 3/8" Asphalt Rubber Aggregate Membrane.....	3.02
32 12 36 00-0101	SY	>16,700 SY 3/8" Asphalt Rubber Aggregate Membrane.....	2.84

32 12 43 Porous Flexible Paving ^(32 12)

32 12 43 00-0001 Flexible Recycled Plastic Porous Grid ^(32 12 43)

Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.

32 12 43 00-0002	SY	1" Thick, Recycled Plastic Flexible Pavement With Sand Fill.....	22.43
		Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.	
		For Up To 100, Add	8.05
		For >100 To 500, Add	2.10
		For >1,000 To 5,000, Deduct	-0.98
		For >5,000, Deduct	-1.85

32 12 73 Asphalt Paving Joint Sealants ^(32 12)

32 12 73 00-0001 Expansion Joint In Sidewalk ^(32 12 73)

32 12 73 00-0002	LF	For Hot Asphalt Poured Over Expansion Joint In Sidewalk.....	3.14
------------------	----	--	------

32 13 Rigid Paving ^(32 10)

32 13 13 Concrete Paving ^(32 13)

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving ^(32 13 13)

32 13 13 33-0001 Concrete Paving Assemblies ^(32 13 13 33)

Note: Includes forms, wire mesh (where necessary), #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 00 00-0001 for color additive.

32 13 13 33-0002 4,500 PSI Concrete Paving Assembly ^(32 13 13 33-0001)

32 13 13 33-0003	SY	4" 4,500 PSI Concrete Paving Assembly.....	44.96
		For 2,500 PSI Concrete, Deduct	-2.65
		For 3,000 PSI Concrete, Deduct	-1.73
		For 3,500 PSI Concrete, Deduct	-1.38
		For 4,000 PSI Concrete, Deduct	-0.60
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.00
		For <10' Wide Pass, Add	7.78
		For >24' Wide Pass, Deduct	-8.99
		For Air Entrainment, Add	1.15
		For Accelerator Admixtures, Add	1.38
		For Slipforming, Deduct	-4.50
		For Up To 100, Add	17.76
		For >100 To 250, Add	10.03
		For >250 To 500, Add	5.02
		For >1,000 To 2,000, Deduct	-1.15
		For >2,000 To 5,000, Deduct	-2.28
		For >5,000 To 10,000, Deduct	-3.40
		For >10,000 To 20,000, Deduct	-4.52
		For >20,000, Deduct	-5.65

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 13 Rigid Paving**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 13 13 33-0004	SY 5" 4,500 PSI Concrete Paving Assembly.....	53.27	
	For 2,500 PSI Concrete, Deduct	-3.33	
	For 3,000 PSI Concrete, Deduct	-2.17	
	For 3,500 PSI Concrete, Deduct	-1.74	
	For 4,000 PSI Concrete, Deduct	-0.75	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.76	
	For <10' Wide Pass, Add	8.98	
	For >24' Wide Pass, Deduct	-10.65	
	For Air Entrainment, Add	1.45	
	For Accelerator Admixtures, Add	1.74	
	For Slipforming, Deduct	-5.33	
	For Up To 100, Add	20.39	
	For >100 To 250, Add	11.64	
	For >250 To 500, Add	5.82	
	For >1,000 To 2,000, Deduct	-1.45	
	For >2,000 To 5,000, Deduct	-2.78	
	For >5,000 To 10,000, Deduct	-4.11	
	For >10,000 To 20,000, Deduct	-5.44	
	For >20,000, Deduct	-6.77	
32 13 13 33-0005	SY 6" 4,500 PSI Concrete Paving Assembly.....	56.90	
	For 2,500 PSI Concrete, Deduct	-3.51	
	For 3,000 PSI Concrete, Deduct	-2.29	
	For 3,500 PSI Concrete, Deduct	-1.83	
	For 4,000 PSI Concrete, Deduct	-0.79	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	3.97	
	For <10' Wide Pass, Add	9.65	
	For >24' Wide Pass, Deduct	-11.38	
	For Air Entrainment, Add	1.53	
	For Accelerator Admixtures, Add	1.83	
	For Slipforming, Deduct	-5.69	
	For Up To 100, Add	21.94	
	For >100 To 250, Add	12.49	
	For >250 To 500, Add	6.25	
	For >1,000 To 2,000, Deduct	-1.53	
	For >2,000 To 5,000, Deduct	-2.95	
	For >5,000 To 10,000, Deduct	-4.37	
	For >10,000 To 20,000, Deduct	-5.79	
	For >20,000, Deduct	-7.22	
32 13 13 33-0006	SY 7" 4,500 PSI Concrete Paving Assembly.....	67.71	
	For 2,500 PSI Concrete, Deduct	-4.43	
	For 3,000 PSI Concrete, Deduct	-2.89	
	For 3,500 PSI Concrete, Deduct	-2.31	
	For 4,000 PSI Concrete, Deduct	-1.00	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.00	
	For <10' Wide Pass, Add	11.16	
	For >24' Wide Pass, Deduct	-13.54	
	For Air Entrainment, Add	1.92	
	For Accelerator Admixtures, Add	2.31	
	For Slipforming, Deduct	-6.77	
	For Up To 100, Add	25.23	
	For >100 To 250, Add	14.54	
	For >250 To 500, Add	7.27	
	For >1,000 To 2,000, Deduct	-1.92	
	For >2,000 To 5,000, Deduct	-3.62	
	For >5,000 To 10,000, Deduct	-5.31	
	For >10,000 To 20,000, Deduct	-7.00	
	For >20,000, Deduct	-8.70	
32 13 13 33-0007	SY 8" 4,500 PSI Concrete Paving Assembly.....	77.30	
	For 2,500 PSI Concrete, Deduct	-4.86	
	For 3,000 PSI Concrete, Deduct	-3.17	
	For 3,500 PSI Concrete, Deduct	-2.53	
	For 4,000 PSI Concrete, Deduct	-1.10	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	5.49	
	For <10' Wide Pass, Add	12.99	
	For >24' Wide Pass, Deduct	-15.46	
	For Air Entrainment, Add	2.11	
	For Accelerator Admixtures, Add	2.53	
	For Slipforming, Deduct	-7.73	
	For Up To 100, Add	29.49	
	For >100 To 250, Add	16.86	
	For >250 To 500, Add	8.43	
	For >1,000 To 2,000, Deduct	-2.11	
	For >2,000 To 5,000, Deduct	-4.04	
	For >5,000 To 10,000, Deduct	-5.98	
	For >10,000 To 20,000, Deduct	-7.91	
	For >20,000, Deduct	-9.84	

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

32 13 13 33-0008	SY	9"	4,500 PSI Concrete Paving Assembly.....	87.53	
			For 2,500 PSI Concrete, Deduct	-5.61	
			For 3,000 PSI Concrete, Deduct	-3.66	
			For 3,500 PSI Concrete, Deduct	-2.93	
			For 4,000 PSI Concrete, Deduct	-1.27	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	6.34	
			For <10' Wide Pass, Add	14.56	
			For >24' Wide Pass, Deduct	-17.51	
			For Air Entrainment, Add	2.44	
			For Accelerator Admixtures, Add	2.93	
			For Slipforming, Deduct	-8.75	
			For Up To 100, Add	33.00	
			For >100 To 250, Add	18.94	
			For >250 To 500, Add	9.47	
			For >1,000 To 2,000, Deduct	-2.44	
			For >2,000 To 5,000, Deduct	-4.63	
			For >5,000 To 10,000, Deduct	-6.82	
			For >10,000 To 20,000, Deduct	-9.00	
			For >20,000, Deduct	-11.19	
32 13 13 33-0009	SY	10"	4,500 PSI Concrete Paving Assembly.....	97.52	
			For 2,500 PSI Concrete, Deduct	-6.17	
			For 3,000 PSI Concrete, Deduct	-4.03	
			For 3,500 PSI Concrete, Deduct	-3.22	
			For 4,000 PSI Concrete, Deduct	-1.40	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	6.98	
			For <10' Wide Pass, Add	16.33	
			For >24' Wide Pass, Deduct	-19.50	
			For Air Entrainment, Add	2.68	
			For Accelerator Admixtures, Add	3.22	
			For Slipforming, Deduct	-9.75	
			For Up To 100, Add	37.04	
			For >100 To 250, Add	21.20	
			For >250 To 500, Add	10.60	
			For >1,000 To 2,000, Deduct	-2.68	
			For >2,000 To 5,000, Deduct	-5.12	
			For >5,000 To 10,000, Deduct	-7.56	
			For >10,000 To 20,000, Deduct	-10.00	
			For >20,000, Deduct	-12.44	
32 13 13 33-0010	SY	12"	4,500 PSI Concrete Paving Assembly.....	116.17	
			For 2,500 PSI Concrete, Deduct	-7.31	
			For 3,000 PSI Concrete, Deduct	-4.77	
			For 3,500 PSI Concrete, Deduct	-3.81	
			For 4,000 PSI Concrete, Deduct	-1.65	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	8.26	
			For <10' Wide Pass, Add	19.51	
			For >24' Wide Pass, Deduct	-23.23	
			For Air Entrainment, Add	3.18	
			For Accelerator Admixtures, Add	3.81	
			For Slipforming, Deduct	-11.62	
			For Up To 100, Add	44.28	
			For >100 To 250, Add	25.32	
			For >250 To 500, Add	12.66	
			For >1,000 To 2,000, Deduct	-3.18	
			For >2,000 To 5,000, Deduct	-6.08	
			For >5,000 To 10,000, Deduct	-8.99	
			For >10,000 To 20,000, Deduct	-11.89	
			For >20,000, Deduct	-14.80	
32 13 13 33-0011	SY	15"	4,500 PSI Concrete Paving Assembly.....	147.88	
			For 2,500 PSI Concrete, Deduct	-8.98	
			For 3,000 PSI Concrete, Deduct	-5.85	
			For 3,500 PSI Concrete, Deduct	-4.68	
			For 4,000 PSI Concrete, Deduct	-2.03	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	10.15	
			For <10' Wide Pass, Add	25.26	
			For >24' Wide Pass, Deduct	-29.58	
			For Air Entrainment, Add	3.90	
			For Accelerator Admixtures, Add	4.68	
			For Slipforming, Deduct	-14.79	
			For Up To 100, Add	57.50	
			For >100 To 250, Add	32.66	
			For >250 To 500, Add	16.33	
			For >1,000 To 2,000, Deduct	-3.90	
			For >2,000 To 5,000, Deduct	-7.60	
			For >5,000 To 10,000, Deduct	-11.30	
			For >10,000 To 20,000, Deduct	-14.99	
			For >20,000, Deduct	-18.69	

32 13 16 Decorative Concrete Paving (32 13)
32 13 16 13 Patterned Concrete Paving (32 13 16)

32 13 16 13-0001	SF		For Patterned (Tactile) Finish In Sidewalk.....	3.60	
------------------	----	--	---	------	--

32 13 43 Pervious Concrete Paving (32 13)
32 13 43 00-0001 Pervious Concrete Assembly (32 13 43)

Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 13 Rigid Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 13 43 00-0002	SF	6" Thick Pervious Concrete Paving.....	11.74	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5,000 To 30,000, Deduct	-1.29	
		For >30,000 To 100,000, Deduct	-2.41	
		For >100,000, Deduct	-2.99	
32 13 43 00-0003	SF	9" Thick Pervious Concrete Paving.....	14.66	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		For >5,000 To 30,000, Deduct	-1.57	
		For >30,000 To 100,000, Deduct	-2.89	
		For >100,000, Deduct	-3.59	

32 13 73 Concrete Paving Joint Sealants (32 13)**32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants (32 13 73)****32 13 73 13-0001 Concrete Pavement Joint And Crack Repair (32 13 73 13)**

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 13-0002	LF	Pavement Sealing, Roads Resealing Joints In Concrete Pavements For Roads.....	7.02	
------------------	----	---	------	--

32 13 73 16 Field-Molded Concrete Paving Joint Sealants (32 13 73)**32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair (32 13 73 16)**

Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.

32 13 73 16-0002	LF	Joint Sealing, Concrete Pavement Preformed Elastomeric.....	10.61	
------------------	----	---	-------	--

32 13 73 19 Compression Concrete Paving Joint Sealants (32 13 73)**32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement (32 13 73 19)**

Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where sawcutting is not required. Excludes saw cutting.

32 13 73 19-0002	LF	1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	7.94	1.91
32 13 73 19-0003	LF	3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	8.25	1.95
32 13 73 19-0004	LF	1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	8.58	1.99
32 13 73 19-0005	LF	3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	9.53	2.02
32 13 73 19-0006	LF	1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	10.71	2.08
32 13 73 19-0007	LF	1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	12.26	2.11
32 13 73 19-0008	LF	2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	14.55	2.15

32 14 Unit Paving (32 10)**32 14 09 Paver Restraints (32 14)****32 14 09 00-0001 Paver Restraints (32 14 09)**

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF	Up To 2" Height, Vinyl Paver Restraint.....	3.06	0.88
		For >1,000 To 2,000, Deduct	-0.36	
		For >2,000 To 4,000, Deduct	-0.52	
		For >4,000, Deduct	-0.67	
32 14 09 00-0003	LF	Up To 2" Height, Galvanized Steel Paver Restraint.....	3.28	0.88
		For >500 To 1,000, Deduct	-0.09	
		For >1,000 To 2,000, Deduct	-0.19	
		For >2,000, Deduct	-0.28	
32 14 09 00-0004	LF	Up To 1" Height, Aluminum Paver Restraint.....	3.17	0.88
		For >250 To 500, Deduct	-0.18	
		For >500 To 1,000, Deduct	-0.26	
		For >1,000 To 1,500, Deduct	-0.44	
32 14 09 00-0005	LF	>1" To 2" Height, Aluminum Paver Restraint.....	3.66	0.88
		For >250 To 500, Deduct	-0.22	
		For >500 To 1,000, Deduct	-0.34	
		For >1,000 To 1,500, Deduct	-0.56	
32 14 09 00-0006	LF	>2" To 3" Height, Aluminum Paver Restraint.....	4.61	0.88
		For >250 To 500, Deduct	-0.32	
		For >500 To 1,000, Deduct	-0.48	
		For >1,000 To 1,500, Deduct	-0.80	
32 14 09 00-0007	LF	>3" To 4" Height, Aluminum Paver Restraint.....	5.33	0.88
		For >250 To 500, Deduct	-0.39	
		For >500 To 1,000, Deduct	-0.59	
		For >1,000 To 1,500, Deduct	-0.98	

32 14 11 Bedding For Unit Paving (32 14)**32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk (32 14 11)**

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded.....	0.82	
		For Up To 100, Add	0.36	
		For >100 To 500, Add	0.10	
		For >1,000 To 5,000, Deduct	-0.06	
		For >5,000, Deduct	-0.10	

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

32 14 11 00-0003	SF		1" To 2" Stone Dust Bedding, Screeded.....	0.98	
			<i>For Up To 100, Add</i>	0.40	
			<i>For >100 To 500, Add</i>	0.11	
			<i>For >1,000 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000, Deduct</i>	-0.10	
32 14 11 00-0004	SF		3" Stone Dust Bedding, Screeded.....	1.27	
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 500, Add</i>	0.14	
			<i>For >1,000 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000, Deduct</i>	-0.13	
32 14 11 00-0005	SF		4" Stone Dust Bedding, Screeded.....	1.61	
			<i>For Up To 100, Add</i>	0.63	
			<i>For >100 To 500, Add</i>	0.17	
			<i>For >1,000 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000, Deduct</i>	-0.16	
32 14 11 00-0006	SF		1" Mortar Bedding.....	2.62	
			<i>For Up To 100, Add</i>	1.17	
			<i>For >100 To 500, Add</i>	0.34	
			<i>For >1,000 To 5,000, Deduct</i>	-0.20	
			<i>For >5,000, Deduct</i>	-0.32	
32 14 11 00-0007	SF		2" Mortar Bedding.....	3.87	
			<i>For Up To 100, Add</i>	1.65	
			<i>For >100 To 500, Add</i>	0.46	
			<i>For >1,000 To 5,000, Deduct</i>	-0.27	
			<i>For >5,000, Deduct</i>	-0.44	
32 14 11 00-0008	SF		Thin-Set Latex Portland Cement Mortar.....	1.26	
			<i>For Up To 100, Add</i>	0.59	
			<i>For >100 To 500, Add</i>	0.17	
			<i>For >1,000 To 5,000, Deduct</i>	-0.11	
			<i>For >5,000, Deduct</i>	-0.17	

32 14 13 Precast Concrete Unit Paving (32 14)
32 14 13 16 Pressed Precast Concrete Unit Paving (32 14 13)
32 14 13 16-0001 Precast Concrete Paver Sidewalk (32 14 13 16)

Note: Square, rectangular, or interlocking pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 14 13 16-0002	SF		2-3/8" Thick, Up To 32 SI Precast Concrete Paver.....	9.78	2.53
			Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
			<i>For 2-3/4" Concrete Paver, Add</i>	0.96	
			<i>For 3-1/8" Concrete Paver, Add</i>	1.55	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.74	
			<i>For Up To 100, Add</i>	3.72	
			<i>For >100 To 500, Add</i>	1.00	
			<i>For >1,000 To 5,000, Deduct</i>	-0.51	
			<i>For >5,000, Deduct</i>	-0.90	
32 14 13 16-0003	SF		2-3/8" Thick, >32 to 64 SI Precast Concrete Paver.....	9.32	2.32
			Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
			<i>For 2-3/4" Concrete Paver, Add</i>	0.94	
			<i>For 3-1/8" Concrete Paver, Add</i>	1.52	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.70	
			<i>For Up To 100, Add</i>	3.49	
			<i>For >100 To 500, Add</i>	0.93	
			<i>For >1,000 To 5,000, Deduct</i>	-0.46	
			<i>For >5,000, Deduct</i>	-0.84	
32 14 13 16-0004	SF		2-3/8" Thick, >64 to 144 SI Precast Concrete Paver.....	8.90	1.84
			Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
			<i>For 2-3/4" Concrete Paver, Add</i>	0.91	
			<i>For 3-1/8" Concrete Paver, Add</i>	1.49	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.66	
			<i>For Up To 100, Add</i>	3.28	
			<i>For >100 To 500, Add</i>	0.87	
			<i>For >1,000 To 5,000, Deduct</i>	-0.42	
			<i>For >5,000, Deduct</i>	-0.77	
32 14 13 16-0005	SF		2-3/8" Thick, >144 SI Precast Concrete Paver.....	8.52	1.91
			Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
			<i>For 2-3/4" Concrete Paver, Add</i>	0.90	
			<i>For 3-1/8" Concrete Paver, Add</i>	1.46	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.62	
			<i>For Up To 100, Add</i>	3.09	
			<i>For >100 To 500, Add</i>	0.81	
			<i>For >1,000 To 5,000, Deduct</i>	-0.38	
			<i>For >5,000, Deduct</i>	-0.72	
32 14 13 16-0006	SF		2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns.....	9.10	2.20
			Note: Patterns made by combining pavers from two or more size groups.		
			<i>For 2-3/4" Concrete Paver, Add</i>	0.92	
			<i>For 3-1/8" Concrete Paver, Add</i>	1.50	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.68	
			<i>For Up To 100, Add</i>	3.38	
			<i>For >100 To 500, Add</i>	0.90	
			<i>For >1,000 To 5,000, Deduct</i>	-0.44	
			<i>For >5,000, Deduct</i>	-0.80	

32 14 16 Brick Unit Paving (32 14)
32 14 16 00-0001 Brick Paver Sidewalk (32 14 16)

Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 14 Unit Paving**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 14 16 00-0002	SF	4" x 8" x 2-1/4" Brick Paver, Laid Flat	9.46	2.53
		<i>For 1-3/8" Thick Paver, Deduct</i>	-1.78	
		<i>For 2-3/4" Thick Paver (Vehicular), Add</i>	3.98	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.73	
		<i>For Up To 100, Add</i>	3.64	
		<i>For >100 To 500, Add</i>	0.98	
		<i>For >1,000 To 5,000, Deduct</i>	-0.51	
		<i>For >5,000, Deduct</i>	-0.89	
32 14 16 00-0003	SF	4" x 8" x 2-1/4" Brick, Laid On Edge.....	13.55	2.89
		<i>For 1-3/8" Thick Paver, Deduct</i>	-3.01	
		<i>For 2-3/4" Thick Paver (Vehicular), Add</i>	6.91	
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.97	
		<i>For Up To 100, Add</i>	4.84	
		<i>For >100 To 500, Add</i>	1.26	
		<i>For >1,000 To 5,000, Deduct</i>	-0.58	
		<i>For >5,000, Deduct</i>	-1.10	

32 14 40 Stone Paving (32 14)**32 14 40 00-0001 Slate Paver Sidewalk (32 14 40)**

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0002	SF	1" Thick, Up to 54 SI Slate Paver.....	15.19	2.11
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.97	
		<i>For Up To 100, Add</i>	4.85	
		<i>For >100 To 500, Add</i>	1.18	
		<i>For >1,000 To 5,000, Deduct</i>	-0.42	
		<i>For >5,000, Deduct</i>	-0.96	
		<i>For 1/4" Thick Paver, Deduct</i>	-8.08	
		<i>For 1/2" Thick Paver, Deduct</i>	-5.68	
32 14 40 00-0003	SF	1" Thick, >54 to 108 SI Slate Paver	14.81	1.91
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.93	
		<i>For Up To 100, Add</i>	4.66	
		<i>For >100 To 500, Add</i>	1.12	
		<i>For >1,000 To 5,000, Deduct</i>	-0.38	
		<i>For >5,000, Deduct</i>	-0.90	
		<i>For 1/4" Thick Paver, Deduct</i>	-7.98	
		<i>For 1/2" Thick Paver, Deduct</i>	-5.63	
32 14 40 00-0004	SF	1" Thick, >108 to 216 SI Slate Paver	14.14	1.58
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.87	
		<i>For Up To 100, Add</i>	4.33	
		<i>For >100 To 500, Add</i>	1.02	
		<i>For >1,000 To 5,000, Deduct</i>	-0.32	
		<i>For >5,000, Deduct</i>	-0.80	
		<i>For 1/4" Thick Paver, Deduct</i>	-7.82	
		<i>For 1/2" Thick Paver, Deduct</i>	-5.52	
32 14 40 00-0005	SF	1" Thick, >216 SI Slate Paver	13.85	1.44
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.84	
		<i>For Up To 100, Add</i>	4.18	
		<i>For >100 To 500, Add</i>	0.98	
		<i>For >1,000 To 5,000, Deduct</i>	-0.29	
		<i>For >5,000, Deduct</i>	-0.76	
		<i>For 1/4" Thick Paver, Deduct</i>	-7.74	
		<i>For 1/2" Thick Paver, Deduct</i>	-5.48	
32 14 40 00-0006	SF	1" Thick, Slate Paver, Combinations And Patterns.....	14.44	1.73
		Note: Patterns made by combining pavers from two or more size groups.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.90	
		<i>For Up To 100, Add</i>	4.48	
		<i>For >100 To 500, Add</i>	1.07	
		<i>For >1,000 To 5,000, Deduct</i>	-0.35	
		<i>For >5,000, Deduct</i>	-0.85	
		<i>For 1/4" Thick Paver, Deduct</i>	-7.89	
		<i>For 1/2" Thick Paver, Deduct</i>	-5.57	

32 14 40 00-0007 Granite Paver Sidewalk (32 14 40)

Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.

32 14 40 00-0008	SF	1" Thick, Up to 54 SI Granite Paver.....	17.52	2.11
		Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
		<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.09	
		<i>For 2" Granite Paver, Add</i>	0.88	
		<i>For 3" Granite Paver, Add</i>	1.75	
		<i>For 4" Granite Paver, Add</i>	1.96	
		<i>For Up To 100, Add</i>	5.43	
		<i>For >100 To 500, Add</i>	1.30	
		<i>For >1,000 To 5,000, Deduct</i>	-0.42	
		<i>For >5,000, Deduct</i>	-1.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0009 SF 1" Thick, >54 to 108 SI Granite Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	17.14 1.05 0.86 1.71 1.91 5.24 1.24 -0.38 -0.97	1.91
32 14 40 00-0010 SF 1" Thick, >108 to 216 SI Granite Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	16.47 0.98 0.82 1.65 1.81 4.91 1.14 -0.32 -0.87	1.58
32 14 40 00-0011 SF 1" Thick, >216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	16.18 0.95 0.81 1.62 1.76 4.76 1.10 -0.29 -0.83	1.44
32 14 40 00-0012 SF 1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 2" Granite Paver, Add For 3" Granite Paver, Add For 4" Granite Paver, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	16.77 1.01 0.84 1.68 1.85 5.06 1.18 -0.35 -0.92	1.73

32 14 43 Porous Unit Paving (32 14)

32 14 43 00-0001 Turf Block (32 14 43) Note: Grass grid, open-cell unit paver, geoblock.		
32 14 43 00-0002 SF 3-1/8" Thick, Precast Concrete Turf Block For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	7.73 3.04 0.83 -0.44 -0.76	2.20
32 14 43 00-0003 SF 4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	11.00 3.85 0.99 -0.44 -0.86	2.20

32 15 Aggregate Surfacing (32 10)
32 15 40 Crushed Stone Surfacing (32 15)

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

32 15 40 00-0001 Gravel Surfacing And Spreading (32 15 40) Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0002 CY Gravel Surfacing And Spreading	59.22	
32 15 40 00-0003 Limestone Screenings (32 15 40) Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004 CY Limestone Screenings For Trail	36.93	

32 16 Curbs, Gutters, Sidewalks, And Driveways (32 10)
32 16 13 Curbs And Gutters (32 16)

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.

32 16 13 13 Cast-In-Place Concrete Curbs And Gutters (32 16 13)

Note: Includes concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001 Curb And Gutter Combined, Cast In Place (32 16 13 13) Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.		
--	--	--

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 16 13 13-0002	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Straight	20.86	9.17
		<i>For Up To 20, Add</i>	14.12	
		<i>For >20 To 50, Add</i>	7.87	
		<i>For >50 To 100, Add</i>	3.13	
		<i>For >500 To 1,000, Deduct</i>	-2.65	
		<i>For >1,000, Deduct</i>	-4.50	
		<i>For Rolled Curb And Gutter</i>	1.34	
32 16 13 13-0003	LF	6" x 12" Concrete Gutter With 6" Curb And Face - Radius	22.74	12.23
		<i>For Up To 20, Add</i>	15.40	
		<i>For >20 To 50, Add</i>	8.58	
		<i>For >50 To 100, Add</i>	3.41	
		<i>For >500 To 1,000, Deduct</i>	-2.90	
		<i>For >1,000, Deduct</i>	-4.91	
		<i>For Rolled Curb And Gutter</i>	1.48	
32 16 13 13-0004	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Straight	26.58	10.17
		<i>For Up To 20, Add</i>	17.97	
		<i>For >20 To 50, Add</i>	10.00	
		<i>For >50 To 100, Add</i>	3.99	
		<i>For >500 To 1,000, Deduct</i>	-3.36	
		<i>For >1,000, Deduct</i>	-5.70	
		<i>For Rolled Curb And Gutter</i>	1.68	
32 16 13 13-0005	LF	6" x 18" Concrete Gutter With 6" Curb And Face - Radius	29.37	11.32
		<i>For Up To 20, Add</i>	19.88	
		<i>For >20 To 50, Add</i>	11.07	
		<i>For >50 To 100, Add</i>	4.41	
		<i>For >500 To 1,000, Deduct</i>	-3.72	
		<i>For >1,000, Deduct</i>	-6.32	
		<i>For Rolled Curb And Gutter</i>	1.88	
32 16 13 13-0006	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Straight (Type A3-6)	32.31	12.23
		<i>For Up To 20, Add</i>	21.83	
		<i>For >20 To 50, Add</i>	12.14	
		<i>For >50 To 100, Add</i>	4.85	
		<i>For >500 To 1,000, Deduct</i>	-4.06	
		<i>For >1,000, Deduct</i>	-6.90	
		<i>For Rolled Curb And Gutter</i>	2.01	
32 16 13 13-0007	LF	6" x 24" Concrete Gutter With 6" Curb And Face - Radius (Type A3-6)	35.98	13.76
		<i>For Up To 20, Add</i>	24.34	
		<i>For >20 To 50, Add</i>	13.55	
		<i>For >50 To 100, Add</i>	5.40	
		<i>For >500 To 1,000, Deduct</i>	-4.55	
		<i>For >1,000, Deduct</i>	-7.73	
		<i>For Rolled Curb And Gutter</i>	2.29	
32 16 13 13-0008	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Straight	38.43	14.52
		<i>For Up To 20, Add</i>	25.96	
		<i>For >20 To 50, Add</i>	14.44	
		<i>For >50 To 100, Add</i>	5.76	
		<i>For >500 To 1,000, Deduct</i>	-4.83	
		<i>For >1,000, Deduct</i>	-8.20	
		<i>For Rolled Curb And Gutter</i>	2.39	
32 16 13 13-0009	LF	6" x 30" Concrete Gutter With 6" Curb And Face - Radius	42.23	16.06
		<i>For Up To 20, Add</i>	28.55	
		<i>For >20 To 50, Add</i>	15.88	
		<i>For >50 To 100, Add</i>	6.33	
		<i>For >500 To 1,000, Deduct</i>	-5.32	
		<i>For >1,000, Deduct</i>	-9.04	
		<i>For Rolled Curb And Gutter</i>	2.66	
32 16 13 13-0010	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Straight	44.55	16.83
		<i>For Up To 20, Add</i>	30.10	
		<i>For >20 To 50, Add</i>	16.73	
		<i>For >50 To 100, Add</i>	6.68	
		<i>For >500 To 1,000, Deduct</i>	-5.59	
		<i>For >1,000, Deduct</i>	-9.50	
		<i>For Rolled Curb And Gutter</i>	2.77	
32 16 13 13-0011	LF	6" x 36" Concrete Gutter With 6" Curb And Face - Radius	48.46	18.36
		<i>For Up To 20, Add</i>	32.75	
		<i>For >20 To 50, Add</i>	18.21	
		<i>For >50 To 100, Add</i>	7.27	
		<i>For >500 To 1,000, Deduct</i>	-6.09	
		<i>For >1,000, Deduct</i>	-10.35	
		<i>For Rolled Curb And Gutter</i>	3.02	
32 16 13 13-0012	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Straight	50.66	19.12
		<i>For Up To 20, Add</i>	34.22	
		<i>For >20 To 50, Add</i>	19.02	
		<i>For >50 To 100, Add</i>	7.60	
		<i>For >500 To 1,000, Deduct</i>	-6.36	
		<i>For >1,000, Deduct</i>	-10.80	
		<i>For Rolled Curb And Gutter</i>	3.14	
32 16 13 13-0013	LF	6" x 42" Concrete Gutter With 6" Curb And Face - Radius	56.23	21.41
		<i>For Up To 20, Add</i>	38.02	
		<i>For >20 To 50, Add</i>	21.15	
		<i>For >50 To 100, Add</i>	8.43	
		<i>For >500 To 1,000, Deduct</i>	-7.09	
		<i>For >1,000, Deduct</i>	-12.05	
		<i>For Rolled Curb And Gutter</i>	3.54	

32 16 13 13-0014 Concrete Curb, Cast In Place (32 16 13 13)

Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0015 LF 6" x 12" Cast In Place Concrete Curb (Type A1-6).....	15.14	7.62
For Up To 20, Add	9.12	
For >20 To 50, Add	5.17	
For >50 To 100, Add	1.98	
For >500 To 1,000, Deduct	-1.98	
For >1,000, Deduct	-3.34	
32 16 13 13-0016 LF 6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6).....	17.34	8.76
For Up To 20, Add	10.51	
For >20 To 50, Add	5.96	
For >50 To 100, Add	2.28	
For >500 To 1,000, Deduct	-2.28	
For >1,000, Deduct	-3.85	
32 16 13 13-0017 LF 6" x 14" Cast In Place Concrete Curb (Type A1-8).....	16.68	7.62
For Up To 20, Add	10.00	
For >20 To 50, Add	5.67	
For >50 To 100, Add	2.17	
For >500 To 1,000, Deduct	-2.17	
For >1,000, Deduct	-3.67	
32 16 13 13-0018 LF 6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8).....	19.11	8.76
For Up To 20, Add	11.53	
For >20 To 50, Add	6.54	
For >50 To 100, Add	2.50	
For >500 To 1,000, Deduct	-2.50	
For >1,000, Deduct	-4.22	
32 16 13 13-0019 LF 6" x 16" Cast In Place Concrete Curb.....	18.38	7.62
For Up To 20, Add	10.91	
For >20 To 50, Add	6.18	
For >50 To 100, Add	2.37	
For >500 To 1,000, Deduct	-2.37	
For >1,000, Deduct	-4.01	
32 16 13 13-0020 LF 6" x 16" Cast In Place Concrete Curb - Radius.....	21.03	11.42
For Up To 20, Add	12.59	
For >20 To 50, Add	7.13	
For >50 To 100, Add	2.73	
For >500 To 1,000, Deduct	-2.73	
For >1,000, Deduct	-4.62	
32 16 13 13-0021 LF 6" x 18" Cast In Place Concrete Curb.....	19.77	7.62
For Up To 20, Add	11.65	
For >20 To 50, Add	6.59	
For >50 To 100, Add	2.53	
For >500 To 1,000, Deduct	-2.53	
For >1,000, Deduct	-4.29	
32 16 13 13-0022 LF 6" x 18" Cast In Place Concrete Curb - Radius.....	22.33	8.76
For Up To 20, Add	13.22	
For >20 To 50, Add	7.49	
For >50 To 100, Add	2.87	
For >500 To 1,000, Deduct	-2.87	
For >1,000, Deduct	-4.86	
32 16 13 13-0023 LF 6" x 24" Cast In Place Concrete Curb.....	22.80	8.38
For Up To 20, Add	13.03	
For >20 To 50, Add	7.36	
For >50 To 100, Add	2.83	
For >500 To 1,000, Deduct	-2.83	
For >1,000, Deduct	-4.82	
32 16 13 13-0024 LF 6" x 24" Cast In Place Concrete Curb - Radius.....	25.50	9.52
For Up To 20, Add	14.62	
For >20 To 50, Add	8.26	
For >50 To 100, Add	3.18	
For >500 To 1,000, Deduct	-3.18	
For >1,000, Deduct	-5.41	
32 16 13 13-0025 LF 12" x 24" Cast In Place Concrete Curb.....	30.47	9.52
For Up To 20, Add	15.61	
For >20 To 50, Add	8.76	
For >50 To 100, Add	3.43	
For >500 To 1,000, Deduct	-3.43	
For >1,000, Deduct	-5.90	
32 16 13 13-0026 LF 12" x 24" Cast In Place Concrete Curb - Radius.....	33.90	10.67
For Up To 20, Add	17.44	
For >20 To 50, Add	9.79	
For >50 To 100, Add	3.83	
For >500 To 1,000, Deduct	-3.83	
For >1,000, Deduct	-6.59	
32 16 13 13-0027 EA Additional Finish For Handicap Drop Section In Curb.....	57.12	

32 16 13 14 Machine Formed, Slip Form Curbs (32 16 13)

Note: Includes delivered concrete, steel, expansion joints and finish.

32 16 13 14-0001	Curbs, Machine Formed, Slip Form (32 16 13 14)	
	Note: Includes delivered concrete, steel, expansion joints and finish.	
32 16 13 14-0002	JOB Machine Formed Curb Minimum Set-Up Charge.....	1,067.90
	Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.	
32 16 13 14-0003	LF 6" x 12" Straight Curb, Machine Formed.....	11.08
32 16 13 14-0004	LF 6" x 12" Curved Curb, Machine Formed.....	14.60
32 16 13 14-0005	LF 6" x 18" Straight Curb, Machine Formed.....	14.70
32 16 13 14-0006	LF 6" x 18" Curved Curb, Machine Formed.....	18.67

32 16 13 16 Steel Faced Curbs (32 16 13)

Note: Fabrication includes handicap and other curb access cuts.

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 16 13 16-0001	Sidewalk/Curb Facing <small>(32 16 13 16)</small>		
	Note: Fabrication includes handicap and other curb access cuts.		
32 16 13 16-0002	LF 3" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	13.76	4.07
	For Curved Section, Add	2.89	
32 16 13 16-0003	LF 4" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	15.11	4.63
	For Curved Section, Add	3.25	
32 16 13 16-0004	LF 6" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	20.58	5.17
	For Curved Section, Add	4.01	
32 16 13 16-0005	LF 8" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	25.39	5.82
	For Curved Section, Add	4.71	
32 16 13 16-0006	LF 10" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	31.23	6.37
	For Curved Section, Add	5.51	
32 16 13 16-0007	LF 12" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	40.88	8.13
	For Curved Section, Add	7.12	
32 16 13 16-0008	LF 13" Steel Sidewalk/Curb Facing, With Steel Anchor, 12" On Center	46.89	10.54
	For Curved Section, Add	8.63	
32 16 13 16-0009	EA Sidewalk/Curb Steel Facing, Pedestrian Ramps, Two Drops Per Section.....	149.03	
32 16 13 19	Cast-In-Place Concrete Drainage Ditches <small>(32 16 13)</small>		
32 16 13 19-0001	Valley Gutter, Cast In Place <small>(32 16 13 19)</small>		
	Note: Includes concrete, forms, rebar, expansion joints, finish and curing.		
32 16 13 19-0002	LF 2' Wide Valley Gutter, 6" Thick.....	22.68	
	For Up To 20, Add	11.04	
	For >20 To 50, Add	6.17	
	For >50 To 100, Add	2.43	
	For >500 To 1,000, Deduct	-2.43	
	For >1,000, Deduct	-4.22	
32 16 13 19-0003	LF 2-1/2' Wide Valley Gutter, 6" Thick	27.76	
	For Up To 20, Add	13.38	
	For >20 To 50, Add	7.47	
	For >50 To 100, Add	2.95	
	For >500 To 1,000, Deduct	-2.95	
	For >1,000, Deduct	-5.13	
32 16 13 19-0004	LF 3' Wide Valley Gutter, 6" Thick.....	32.77	
	For Up To 20, Add	15.68	
	For >20 To 50, Add	8.75	
	For >50 To 100, Add	3.46	
	For >500 To 1,000, Deduct	-3.46	
	For >1,000, Deduct	-6.01	
32 16 13 19-0005	LF 3-1/2' Wide Valley Gutter, 6" Thick	37.77	
	For Up To 20, Add	17.97	
	For >20 To 50, Add	10.03	
	For >50 To 100, Add	3.97	
	For >500 To 1,000, Deduct	-3.97	
	For >1,000, Deduct	-6.90	
32 16 13 19-0006	LF 4' Wide Valley Gutter, 6" Thick.....	42.78	
	For Up To 20, Add	20.27	
	For >20 To 50, Add	11.30	
	For >50 To 100, Add	4.48	
	For >500 To 1,000, Deduct	-4.48	
	For >1,000, Deduct	-7.79	
32 16 13 19-0007	LF 5' Wide Valley Gutter, 6" Thick.....	50.53	
	For Up To 20, Add	23.28	
	For >20 To 50, Add	12.96	
	For >50 To 100, Add	5.16	
	For >500 To 1,000, Deduct	-5.16	
	For >1,000, Deduct	-9.00	
32 16 13 19-0008	LF 6' Wide Valley Gutter, 6" Thick.....	57.95	
	For Up To 20, Add	26.05	
	For >20 To 50, Add	14.47	
	For >50 To 100, Add	5.79	
	For >500 To 1,000, Deduct	-5.79	
	For >1,000, Deduct	-10.13	
32 16 13 19-0009	SF >6' Wide Valley Gutter, 6" Thick	9.66	
	For Up To 100, Add	4.34	
	For >100 To 250, Add	2.41	
	For >250 To 500, Add	0.97	
	For >2,500 To 5,000, Deduct	-0.97	
	For >5,000, Deduct	-1.69	
32 16 13 19-0010	LF 2' Wide Valley Gutter, 7" Thick.....	24.85	
	For Up To 20, Add	11.83	
	For >20 To 50, Add	6.60	
	For >50 To 100, Add	2.61	
	For >500 To 1,000, Deduct	-2.61	
	For >1,000, Deduct	-4.54	
32 16 13 19-0011	LF 2-1/2' Wide Valley Gutter, 7" Thick	30.65	
	For Up To 20, Add	14.50	
	For >20 To 50, Add	8.08	
	For >50 To 100, Add	3.21	
	For >500 To 1,000, Deduct	-3.21	
	For >1,000, Deduct	-5.57	
32 16 13 19-0012	LF 3' Wide Valley Gutter, 7" Thick.....	35.96	
	For Up To 20, Add	16.82	
	For >20 To 50, Add	9.37	
	For >50 To 100, Add	3.72	
	For >500 To 1,000, Deduct	-3.72	
	For >1,000, Deduct	-6.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0013 LF 3-1/2' Wide Valley Gutter, 7" Thick	41.48	
For Up To 20, Add	19.29	
For >20 To 50, Add	10.75	
For >50 To 100, Add	4.27	
For >500 To 1,000, Deduct	-4.27	
For >1,000, Deduct	-7.45	
32 16 13 19-0014 LF 4' Wide Valley Gutter, 7" Thick	46.98	
For Up To 20, Add	21.75	
For >20 To 50, Add	12.11	
For >50 To 100, Add	4.82	
For >500 To 1,000, Deduct	-4.82	
For >1,000, Deduct	-8.40	
32 16 13 19-0015 LF 5' Wide Valley Gutter, 7" Thick	55.64	
For Up To 20, Add	25.03	
For >20 To 50, Add	13.90	
For >50 To 100, Add	5.56	
For >500 To 1,000, Deduct	-5.56	
For >1,000, Deduct	-9.73	
32 16 13 19-0016 LF 6' Wide Valley Gutter, 7" Thick	63.94	
For Up To 20, Add	28.05	
For >20 To 50, Add	15.55	
For >50 To 100, Add	6.25	
For >500 To 1,000, Deduct	-6.25	
For >1,000, Deduct	-10.97	
32 16 13 19-0017 SF >6' Wide Valley Gutter, 7" Thick	10.66	
For Up To 100, Add	4.68	
For >100 To 250, Add	2.59	
For >250 To 500, Add	1.04	
For >2,500 To 5,000, Deduct	-1.04	
For >5,000, Deduct	-1.83	
32 16 13 19-0018 LF 2' Wide Valley Gutter, 8" Thick	25.12	
For Up To 20, Add	12.24	
For >20 To 50, Add	6.84	
For >50 To 100, Add	2.70	
For >500 To 1,000, Deduct	-2.70	
For >1,000, Deduct	-4.68	
32 16 13 19-0019 LF 2-1/2' Wide Valley Gutter, 8" Thick	30.77	
For Up To 20, Add	14.85	
For >20 To 50, Add	8.30	
For >50 To 100, Add	3.28	
For >500 To 1,000, Deduct	-3.28	
For >1,000, Deduct	-5.69	
32 16 13 19-0020 LF 3' Wide Valley Gutter, 8" Thick	36.31	
For Up To 20, Add	17.40	
For >20 To 50, Add	9.71	
For >50 To 100, Add	3.84	
For >500 To 1,000, Deduct	-3.84	
For >1,000, Deduct	-6.67	
32 16 13 19-0021 LF 3-1/2' Wide Valley Gutter, 8" Thick	41.85	
For Up To 20, Add	19.94	
For >20 To 50, Add	11.13	
For >50 To 100, Add	4.41	
For >500 To 1,000, Deduct	-4.41	
For >1,000, Deduct	-7.66	
32 16 13 19-0022 LF 4' Wide Valley Gutter, 8" Thick	47.40	
For Up To 20, Add	22.49	
For >20 To 50, Add	12.54	
For >50 To 100, Add	4.97	
For >500 To 1,000, Deduct	-4.97	
For >1,000, Deduct	-8.64	
32 16 13 19-0023 LF 5' Wide Valley Gutter, 8" Thick	55.99	
32 16 13 19-0024 LF 6' Wide Valley Gutter, 8" Thick	64.21	
32 16 13 19-0025 SF >6' Wide Valley Gutter, 8" Thick	10.70	
For Up To 100, Add	4.82	
For >100 To 250, Add	2.68	
For >250 To 500, Add	1.07	
For >2,500 To 5,000, Deduct	-1.07	
For >5,000, Deduct	-1.87	

32 16 13 23 Precast Concrete Curbs And Gutters (32 16 13)

32 16 13 23-0001 Precast Concrete Curb (32 16 13 23)		
32 16 13 23-0002 LF 6" X 18" Precast Concrete Curb	36.09	7.75
32 16 13 23-0003 LF 6" X 18" Precast Concrete Curb, Radius	43.30	8.91

32 16 13 33 Asphalt Curbs (32 16 13)

32 16 13 33-0001 Asphalt Curbs (32 16 13 33)		
32 16 13 33-0002 LF 6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain	10.46	4.16
32 16 13 33-0003 LF 8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain	11.78	4.63
32 16 13 33-0004 LF 8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain	13.01	5.08

32 16 13 43 Stone Curbs (32 16 13)

32 16 13 43-0001 Granite Curbs (32 16 13 43)		
32 16 13 43-0002 Split Face Granite Curbs (32 16 13 43-0001)		

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 16 13 43-0003	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Straight Section	20.91	6.97
		<i>For Up To 20, Add</i>	8.84	
		<i>For >20 To 50, Add</i>	4.89	
		<i>For >50 To 100, Add</i>	1.98	
		<i>For >500 To 1,000, Deduct</i>	-1.98	
		<i>For >1,000, Deduct</i>	-3.49	
32 16 13 43-0004	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Straight Section	24.66	7.62
		<i>For Up To 20, Add</i>	10.00	
		<i>For >20 To 50, Add</i>	5.51	
		<i>For >50 To 100, Add</i>	2.25	
		<i>For >500 To 1,000, Deduct</i>	-2.25	
		<i>For >1,000, Deduct</i>	-3.99	
32 16 13 43-0005	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Straight Section	27.19	8.19
		<i>For Up To 20, Add</i>	10.89	
		<i>For >20 To 50, Add</i>	5.99	
		<i>For >50 To 100, Add</i>	2.45	
		<i>For >500 To 1,000, Deduct</i>	-2.45	
		<i>For >1,000, Deduct</i>	-4.35	
32 16 13 43-0006	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Straight Section	32.09	8.84
		<i>For Up To 20, Add</i>	12.27	
		<i>For >20 To 50, Add</i>	6.72	
		<i>For >50 To 100, Add</i>	2.77	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-4.96	
32 16 13 43-0007	LF	4" To 5" x 12" To 14" Split Face Granite Curb, Curved Section	25.68	7.62
		<i>For Up To 20, Add</i>	10.18	
		<i>For >20 To 50, Add</i>	5.60	
		<i>For >50 To 100, Add</i>	2.29	
		<i>For >500 To 1,000, Deduct</i>	-2.29	
		<i>For >1,000, Deduct</i>	-4.08	
32 16 13 43-0008	LF	6" To 8" x 12" To 14" Split Face Granite Curb, Curved Section	29.42	8.19
		<i>For Up To 20, Add</i>	11.33	
		<i>For >20 To 50, Add</i>	6.21	
		<i>For >50 To 100, Add</i>	2.56	
		<i>For >500 To 1,000, Deduct</i>	-2.56	
		<i>For >1,000, Deduct</i>	-4.58	
32 16 13 43-0009	LF	4" To 5" x 16" To 18" Split Face Granite Curb, Curved Section	31.99	8.84
		<i>For Up To 20, Add</i>	12.25	
		<i>For >20 To 50, Add</i>	6.71	
		<i>For >50 To 100, Add</i>	2.77	
		<i>For >500 To 1,000, Deduct</i>	-2.77	
		<i>For >1,000, Deduct</i>	-4.95	
32 16 13 43-0010	LF	6" To 8" x 16" To 18" Split Face Granite Curb, Curved Section	36.90	9.41
		<i>For Up To 20, Add</i>	13.64	
		<i>For >20 To 50, Add</i>	7.44	
		<i>For >50 To 100, Add</i>	3.10	
		<i>For >500 To 1,000, Deduct</i>	-3.10	
		<i>For >1,000, Deduct</i>	-5.57	
32 16 13 43-0011		Sawn Face Granite Curbs <small>(32 16 13 43-0001)</small>		
32 16 13 43-0012	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Straight Section	20.91	6.97
		<i>For Up To 20, Add</i>	8.84	
		<i>For >20 To 50, Add</i>	4.89	
		<i>For >50 To 100, Add</i>	1.98	
		<i>For >500 To 1,000, Deduct</i>	-1.98	
		<i>For >1,000, Deduct</i>	-3.49	
32 16 13 43-0013	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Straight Section	24.66	7.62
		<i>For Up To 20, Add</i>	10.00	
		<i>For >20 To 50, Add</i>	5.51	
		<i>For >50 To 100, Add</i>	2.25	
		<i>For >500 To 1,000, Deduct</i>	-2.25	
		<i>For >1,000, Deduct</i>	-3.99	
32 16 13 43-0014	LF	4" To 5" x 16" To 18" Sawn Face Granite Curb, Straight Section	27.23	8.19
		<i>For Up To 20, Add</i>	10.92	
		<i>For >20 To 50, Add</i>	6.01	
		<i>For >50 To 100, Add</i>	2.46	
		<i>For >500 To 1,000, Deduct</i>	-2.46	
		<i>For >1,000, Deduct</i>	-4.36	
32 16 13 43-0015	LF	6" To 8" x 16" To 18" Sawn Face Granite Curb, Straight Section	32.15	8.84
		<i>For Up To 20, Add</i>	12.31	
		<i>For >20 To 50, Add</i>	6.74	
		<i>For >50 To 100, Add</i>	2.78	
		<i>For >500 To 1,000, Deduct</i>	-2.78	
		<i>For >1,000, Deduct</i>	-4.98	
32 16 13 43-0016	LF	4" To 5" x 12" To 14" Sawn Face Granite Curb, Curved Section	28.96	7.62
		<i>For Up To 20, Add</i>	10.86	
		<i>For >20 To 50, Add</i>	5.94	
		<i>For >50 To 100, Add</i>	2.46	
		<i>For >500 To 1,000, Deduct</i>	-2.46	
		<i>For >1,000, Deduct</i>	-4.42	
32 16 13 43-0017	LF	6" To 8" x 12" To 14" Sawn Face Granite Curb, Curved Section	34.50	8.19
		<i>For Up To 20, Add</i>	12.37	
		<i>For >20 To 50, Add</i>	6.73	
		<i>For >50 To 100, Add</i>	2.82	
		<i>For >500 To 1,000, Deduct</i>	-2.82	
		<i>For >1,000, Deduct</i>	-5.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 43-0018 LF 4" To 5" x 16" To 18" Sawm Face Granite Curb, Curved Section.....	38.20	8.84
For Up To 20, Add	13.52	
For >20 To 50, Add	7.35	
For >50 To 100, Add	3.09	
For >500 To 1,000, Deduct	-3.09	
For >1,000, Deduct	-5.58	
32 16 13 43-0019 LF 6" To 8" x 16" To 18" Sawm Face Granite Curb, Curved Section.....	45.66	9.41
For Up To 20, Add	15.42	
For >20 To 50, Add	8.34	
For >50 To 100, Add	3.54	
For >500 To 1,000, Deduct	-3.54	
For >1,000, Deduct	-6.45	
32 16 13 43-0020 Granite Base And Curbs <small>(32 16 13 43-0001)</small>		
32 16 13 43-0021 LF 4" High Granite Base	24.14	9.34
For Up To 20, Add	11.03	
For >20 To 50, Add	6.14	
For >50 To 100, Add	2.45	
For >500 To 1,000, Deduct	-2.45	
For >1,000, Deduct	-4.28	
32 16 13 43-0022 LF 6" High Granite Base	28.55	12.24
For Up To 20, Add	13.86	
For >20 To 50, Add	7.74	
For >50 To 100, Add	3.06	
For >500 To 1,000, Deduct	-3.06	
For >1,000, Deduct	-5.30	
32 16 13 43-0023 Remove And Reset Stone And Precast Curbing <small>(32 16 13 43)</small>		
Note: Includes storage and cleaning.		
32 16 13 43-0024 LF Remove And Reset Stone Or Precast Curbing.....	26.75	
Note: Includes storage and cleaning.		
32 16 23 Sidewalks <small>(32 16)</small>		
32 16 23 00-0001 Cast In Place Concrete Sidewalk <small>(32 16 23)</small>		
Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0094 for pumping with boom truck, 03 31 13 00-0104 for buggies, 03 31 13 00-0111 for short loads, 03 31 13 00-0113 for delivery fee, 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 31 23 16 00-0001 for base course.		
32 16 23 00-0002 SF 4" Cast In Place Concrete Sidewalk	7.30	
For Up To 100, Add	3.09	
For >100 To 500, Add	0.87	
For >1,000 To 5,000, Deduct	-0.51	
For >5,000, Deduct	-1.12	
For Welded Wire Reinforcement, Add	0.54	
32 16 23 00-0003 SF 5" Cast In Place Concrete Sidewalk	7.99	
For Up To 100, Add	3.31	
For >100 To 500, Add	0.92	
For >1,000 To 5,000, Deduct	-0.52	
For >5,000, Deduct	-1.18	
For Welded Wire Reinforcement, Add	0.55	
32 16 23 00-0004 SF 6" Cast In Place Concrete Sidewalk	8.70	
For Up To 100, Add	3.53	
For >100 To 500, Add	0.98	
For >1,000 To 5,000, Deduct	-0.54	
For >5,000, Deduct	-1.25	
For Welded Wire Reinforcement, Add	0.57	
32 16 23 00-0005 SF 7" Cast In Place Concrete Sidewalk	10.09	
For Up To 100, Add	4.06	
For >100 To 500, Add	1.12	
For >1,000 To 5,000, Deduct	-0.62	
For >5,000, Deduct	-1.43	
For Welded Wire Reinforcement, Add	0.62	
32 16 23 00-0006 SF 8" Cast In Place Concrete Sidewalk	10.72	
For Up To 100, Add	4.25	
For >100 To 500, Add	1.16	
For >1,000 To 5,000, Deduct	-0.63	
For >5,000, Deduct	-1.48	
For Welded Wire Reinforcement, Add	0.63	
32 16 23 00-0007 SF For Exposed Aggregate Finish In Sidewalk.....	1.80	
32 16 23 00-0008 EA Finish Concrete Handicap Drop Section In Sidewalk.....	107.97	
Note: Excludes patterned (tactile) finish.		
32 16 23 00-0009 Bituminous Sidewalk <small>(32 16 23)</small>		
Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 31 00 00 00-0000 for excavation, 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course.		
32 16 23 00-0010 SY 1" Bituminous Sidewalk	7.97	
For Up To 100, Add	2.90	
For >100 To 500, Add	0.76	
For >1,000 To 5,000, Deduct	-0.36	
For >5,000, Deduct	-0.76	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 16 Curbs, Gutters, Sidewalks, And Driveways**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 16 23 00-0011	SY	1-1/2" Bituminous Sidewalk	10.03	
		For Up To 100, Add	3.60	
		For >100 To 500, Add	0.94	
		For >1,000 To 5,000, Deduct	-0.44	
		For >5,000, Deduct	-0.94	
32 16 23 00-0012	SY	2" Bituminous Sidewalk	14.05	
		For Up To 100, Add	4.86	
		For >100 To 500, Add	1.24	
		For >1,000 To 5,000, Deduct	-0.54	
		For >5,000, Deduct	-1.24	
32 16 23 00-0013	SY	2-1/2" Bituminous Sidewalk	17.58	
		For Up To 100, Add	6.07	
		For >100 To 500, Add	1.55	
		For >1,000 To 5,000, Deduct	-0.67	
		For >5,000, Deduct	-1.55	
32 16 23 00-0014	SY	3" Bituminous Sidewalk	20.31	
		For Up To 100, Add	6.89	
		For >100 To 500, Add	1.74	
		For >1,000 To 5,000, Deduct	-0.73	
		For >5,000, Deduct	-1.74	
32 16 23 00-0015	SY	3-1/2" Bituminous Sidewalk	23.54	
		For Up To 100, Add	7.88	
		For >100 To 500, Add	1.98	
		For >1,000 To 5,000, Deduct	-0.80	
		For >5,000, Deduct	-1.98	

32 16 43 Asphalt Dike (32 16)**32 16 43 00-0001 Asphalt Dike (32 16 43)**

32 16 43 00-0002	LF	Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	9.01	
32 16 43 00-0003	LF	Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	12.13	
32 16 43 00-0004	LF	Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	12.13	
32 16 43 00-0005	LF	Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	17.02	
32 16 43 00-0006	LF	Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	20.08	
32 16 43 00-0007	LF	Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	5.26	
32 16 43 00-0008	LF	Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	12.46	
32 16 43 00-0009	LF	Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	19.28	
32 16 43 00-0010	LF	CALTRAN Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	9.01	
32 16 43 00-0011	LF	CALTRAN Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	5.26	
32 16 43 00-0012	LF	CALTRAN Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	19.28	
32 16 43 00-0013	LF	CALTRAN Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	12.46	
32 16 43 00-0014	LF	CALTRAN Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	7.57	

32 17 Paving Specialties (32 10)**32 17 13 Parking Bumpers (32 17)**

Note: Includes dowels set.

32 17 13 16 Plastic Parking Bumpers (32 17 13)

32 17 13 16-0001	EA	4" x 6" x 4" Wheel Stop, Recycled Plastic	57.21	5.83
32 17 13 16-0002	EA	4" x 6" x 6" Wheel Stop, Recycled Plastic	63.77	5.83

32 17 13 19 Precast Concrete Parking Bumpers (32 17 13)

32 17 13 19-0001	EA	6" x 8" x 4" Precast Concrete Wheel Stop	43.95	17.55
32 17 13 19-0002	EA	6" x 6" x 6" Precast Concrete Wheel Stop	50.95	17.55
32 17 13 19-0003	EA	6" x 8" x 6" Precast Concrete Wheel Stop	52.01	17.55
32 17 13 19-0004	EA	6" x 10" x 6" Precast Concrete Wheel Stop	54.20	17.55
32 17 13 19-0005	EA	8" x 4-1/2" x 6" Precast Concrete Wheel Stop	50.95	17.55
32 17 13 19-0006	EA	8" x 13" x 6" Precast Concrete Wheel Stop	63.00	17.55

32 17 13 23 Rubber Parking Bumpers (32 17 13)

32 17 13 23-0001	EA	3' Rubber Bumper Wheel Stop	26.77	5.83
32 17 13 23-0002	EA	4' Rubber Bumper Wheel Stop	31.45	5.83
32 17 13 23-0003	EA	5' Rubber Bumper Wheel Stop	33.32	5.83
32 17 13 23-0004	EA	6' Rubber Bumper Wheel Stop	36.13	5.83

32 17 13 26 Wood Parking Bumpers (32 17 13)

32 17 13 26-0001	LF	4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	7.79	1.41
32 17 13 26-0002	LF	6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	9.96	1.41

32 17 13 33 Remove And Relocate Stops (32 17 13)

32 17 13 33-0001	EA	Remove And Relocate Precast Concrete Wheel Stop	28.07	
32 17 13 33-0002	EA	Remove And Relocate Plastic Or Wood Wheel Stop	18.25	

32 17 16 Speed Bumps (32 17)**32 17 16 00-0001 Speed Bumps (32 17 16)**

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002	LF	2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	31.21	1.33
32 17 16 00-0003	LF	2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	25.86	0.88

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

32 17 16 00-0004	LF		2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	35.69	0.88
------------------	----	--	---	-------	------

32 17 23 Pavement Markings (32 17)

See CSI section 01 55 26 00-0000 for temporary markings and removable line mask tape.

32 17 23 13 Painted Pavement Markings (32 17 23)
32 17 23 13-0001 Painted Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23)

Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.

32 17 23 13-0002 Alkyd/Solvent Based/Latex Reflective Pavement Marking (32 17 23 13-0001)

Note: 15 mil thickness.

32 17 23 13-0003	LF		Single 4" Wide Solid Line, Painted Reflective Pavement Striping	0.21	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
			<i>For Broken Line, Deduct</i>	-0.04	
32 17 23 13-0004	LF		Single 6" Wide Solid Line, Painted Reflective Pavement Striping	0.27	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
			<i>For Broken Line, Deduct</i>	-0.05	
32 17 23 13-0005	LF		Single 8" Wide Solid Line, Painted Reflective Pavement Striping	0.34	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.05	
			<i>For Broken Line, Deduct</i>	-0.07	
32 17 23 13-0006	LF		Single 12" Wide Solid Line, Painted Reflective Pavement Striping	0.45	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
			<i>For Broken Line, Deduct</i>	-0.10	
32 17 23 13-0007	LF		Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.30	
			<i>For Up To 1 Mile, Add</i>	0.06	
			<i>For >5 Miles, Deduct</i>	-0.05	
			<i>For Broken Line On One Side, Deduct</i>	-0.03	
			<i>For Double Broken Line, Deduct</i>	-0.07	
32 17 23 13-0008	LF		Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.45	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
			<i>For Broken Line On One Side, Deduct</i>	-0.05	
			<i>For Double Broken Line, Deduct</i>	-0.10	
32 17 23 13-0009	SF		Solid Area, Painted Reflective Pavement Striping	4.57	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0010	EA		6" High, Letter/Number, Alkyd Reflective Pavement Striping	3.31	
			<i>For <10, Add</i>	0.46	
			<i>For >50 To 100, Deduct</i>	-0.23	
			<i>For >100 To 200, Deduct</i>	-0.30	
			<i>For >200, Deduct</i>	-0.61	
32 17 23 13-0011	EA		12" High, Letter/Number, Alkyd Reflective Pavement Striping	5.55	
			<i>For <10, Add</i>	0.69	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100 To 200, Deduct</i>	-0.46	
			<i>For >200, Deduct</i>	-0.92	
32 17 23 13-0012	EA		24" High, Letter/Number, Alkyd Reflective Pavement Striping	9.31	
			<i>For <10, Add</i>	1.14	
			<i>For >50 To 100, Deduct</i>	-0.57	
			<i>For >100 To 200, Deduct</i>	-0.76	
			<i>For >200, Deduct</i>	-1.52	
32 17 23 13-0013	EA		36" High, Letter/Number, Alkyd Reflective Pavement Striping	18.21	
			<i>For <10, Add</i>	2.29	
			<i>For >50 To 100, Deduct</i>	-1.14	
			<i>For >100 To 200, Deduct</i>	-1.52	
			<i>For >200, Deduct</i>	-3.05	
32 17 23 13-0014	EA		48" High, Letter/Number, Alkyd Reflective Pavement Striping	20.95	
			<i>For <10, Add</i>	2.56	
			<i>For >50 To 100, Deduct</i>	-1.28	
			<i>For >100 To 200, Deduct</i>	-1.71	
			<i>For >200, Deduct</i>	-3.42	
32 17 23 13-0015	EA		72" High, Letter/Number, Alkyd Reflective Pavement Striping	37.46	
			<i>For <10, Add</i>	4.56	
			<i>For >50 To 100, Deduct</i>	-2.28	
			<i>For >100 To 200, Deduct</i>	-3.04	
			<i>For >200, Deduct</i>	-6.08	
32 17 23 13-0016	EA		96" High, Letter/Number, Alkyd Reflective Pavement Striping	50.12	
			<i>For <10, Add</i>	6.12	
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 200, Deduct</i>	-4.08	
			<i>For >200, Deduct</i>	-8.17	
32 17 23 13-0017	EA		120" High, Letter/Number, Alkyd Reflective Pavement Striping	71.33	
			<i>For <10, Add</i>	7.59	
			<i>For >50 To 100, Deduct</i>	-3.79	
			<i>For >100 To 200, Deduct</i>	-5.06	
			<i>For >200, Deduct</i>	-10.12	
32 17 23 13-0018	SF		Letter/Number, Painted Reflective Pavement Marking	5.25	
32 17 23 13-0019	SF		Symbols, Painted Reflective Pavement Marking	6.29	
			Note: Handicap, railroad, diamond, arrows, etc.		

32 17 23 13-0020 Pavement Marking (CALTRAN) (32 17 23 13-0001)

Note: Per LF of detail.

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 17 Paving Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0021	LF		CALTRAN Detail 1 Centerline, Painted Reflective Pavement Striping.....	0.18	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0022	LF		CALTRAN Detail 2 Centerline, Painted Reflective Pavement Striping.....	0.25	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0023	LF		CALTRAN Detail 4 Centerline.....	0.47	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
32 17 23 13-0024	LF		CALTRAN Detail 5 Centerline, Painted Reflective Pavement Striping.....	0.17	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0025	LF		CALTRAN Detail 6 Centerline, Painted Reflective Pavement Striping.....	0.26	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0026	LF		CALTRAN Detail 7 Centerline.....	0.34	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.05	
32 17 23 13-0027	LF		CALTRAN Detail 8 Lanelines, Painted Reflective Pavement Striping.....	0.18	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0028	LF		CALTRAN Detail 9 Lanelines, Painted Reflective Pavement Striping.....	0.25	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0029	LF		CALTRAN Detail 10 Lanelines.....	0.47	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
32 17 23 13-0030	LF		CALTRAN Detail 11 Lanelines, Painted Reflective Pavement Striping.....	0.17	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0031	LF		CALTRAN Detail 12 Lanelines, Painted Reflective Pavement Striping.....	0.25	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0032	LF		CALTRAN Detail 13 Lanelines.....	0.34	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.05	
32 17 23 13-0033	LF		CALTRAN Detail 14 Lanelines.....	0.34	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.05	
32 17 23 13-0034	LF		CALTRAN Detail 14A Lanelines, Painted Reflective Pavement Striping	0.25	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0035	LF		CALTRAN Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.03	
			<i>For Broken Line On One Side, Deduct</i>	-0.03	
			<i>For Double Broken Line, Deduct</i>	-0.05	
32 17 23 13-0036	LF		CALTRAN Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping.....	0.54	
			<i>For Up To 1 Mile, Add</i>	0.11	
			<i>For >5 Miles, Deduct</i>	-0.08	
32 17 23 13-0037	LF		CALTRAN Detail 17 No Passing Zones-One Direction Lanelines.....	1.37	
			<i>For Up To 1 Mile, Add</i>	0.27	
			<i>For >5 Miles, Deduct</i>	-0.21	
32 17 23 13-0038	LF		CALTRAN Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.03	
			<i>For Broken Line On One Side, Deduct</i>	-0.03	
			<i>For Double Broken Line, Deduct</i>	-0.05	
32 17 23 13-0039	LF		CALTRAN Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping.....	0.46	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
32 17 23 13-0040	LF		CALTRAN Detail 20 No Passing Zones-One Direction Lanelines.....	1.16	
			<i>For Up To 1 Mile, Add</i>	0.23	
			<i>For >5 Miles, Deduct</i>	-0.17	
32 17 23 13-0041	LF		CALTRAN Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping.....	0.26	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
			<i>For Broken Line On One Side, Deduct</i>	-0.04	
			<i>For Double Broken Line, Deduct</i>	-0.08	
32 17 23 13-0042	LF		CALTRAN Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping.....	0.58	
			<i>For Up To 1 Mile, Add</i>	0.12	
			<i>For >5 Miles, Deduct</i>	-0.09	
32 17 23 13-0043	LF		CALTRAN Detail 23 No Passing Zones-Two Direction Lanelines.....	1.63	
			<i>For Up To 1 Mile, Add</i>	0.33	
			<i>For >5 Miles, Deduct</i>	-0.24	
32 17 23 13-0044	LF		CALTRAN Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.21	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0045	LF		CALTRAN Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.29	
			<i>For Up To 1 Mile, Add</i>	0.06	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0046	LF		CALTRAN Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.37	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.06	
32 17 23 13-0047	LF		CALTRAN Detail 26 Left Edgelines	0.08	
			<i>For Up To 1 Mile, Add</i>	0.02	
			<i>For >5 Miles, Deduct</i>	-0.01	
32 17 23 13-0048	LF		CALTRAN Detail 27 Left Edgelines, Painted Reflective Pavement Striping	0.34	
			<i>For Up To 1 Mile, Add</i>	0.07	
			<i>For >5 Miles, Deduct</i>	-0.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0049	LF		CALTRAN Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.21	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0050	LF		CALTRAN Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping.....	0.17	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0051	LF		CALTRAN Detail 28 Median Islands, Painted Reflective Pavement Striping.....	0.53	
			<i>For Up To 1 Mile, Add</i>	0.11	
			<i>For >5 Miles, Deduct</i>	-0.08	
			<i>For Broken Line On One Side, Deduct</i>	-0.08	
			<i>For Double Broken Line, Deduct</i>	-0.16	
32 17 23 13-0052	LF		CALTRAN Detail 29 Median Islands, Painted Reflective Pavement Striping.....	0.84	
			<i>For Up To 1 Mile, Add</i>	0.17	
			<i>For >5 Miles, Deduct</i>	-0.13	
32 17 23 13-0053	LF		CALTRAN Detail 30 Median Islands.....	3.27	
			<i>For Up To 1 Mile, Add</i>	0.65	
			<i>For >5 Miles, Deduct</i>	-0.49	
32 17 23 13-0054	LF		CALTRAN Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	0.45	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
			<i>For Broken Line On One Side, Deduct</i>	-0.05	
			<i>For Double Broken Line, Deduct</i>	-0.10	
32 17 23 13-0055	LF		CALTRAN Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping.....	0.83	
			<i>For Up To 1 Mile, Add</i>	0.17	
			<i>For >5 Miles, Deduct</i>	-0.12	
32 17 23 13-0056	LF		CALTRAN Detail 33 Two-Way Left Turn Lanes.....	2.24	
			<i>For Up To 1 Mile, Add</i>	0.45	
			<i>For >5 Miles, Deduct</i>	-0.34	
32 17 23 13-0057	LF		CALTRAN Detail 34 Intersection Treatments, Painted Reflective Pavement Striping	0.46	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.07	
32 17 23 13-0058	LF		CALTRAN Detail 34A Intersection Treatments, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0059	LF		CALTRAN Detail 35 Intersection Treatments, Painted Reflective Pavement Striping	0.55	
			<i>For Up To 1 Mile, Add</i>	0.11	
			<i>For >5 Miles, Deduct</i>	-0.08	
32 17 23 13-0060	LF		CALTRAN Detail 35A Intersection Treatments, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0061	LF		CALTRAN Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping.....	0.97	
			<i>For Up To 1 Mile, Add</i>	0.19	
			<i>For >5 Miles, Deduct</i>	-0.15	
32 17 23 13-0062	LF		CALTRAN Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping.....	0.65	
			<i>For Up To 1 Mile, Add</i>	0.13	
			<i>For >5 Miles, Deduct</i>	-0.10	
32 17 23 13-0063	LF		CALTRAN Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	0.70	
			<i>For Up To 1 Mile, Add</i>	0.14	
			<i>For >5 Miles, Deduct</i>	-0.11	
32 17 23 13-0064	LF		CALTRAN Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping.....	0.61	
			<i>For Up To 1 Mile, Add</i>	0.12	
			<i>For >5 Miles, Deduct</i>	-0.09	
32 17 23 13-0065	LF		CALTRAN Detail 37A Lane Drop At Exit Ramps	1.10	
			<i>For Up To 1 Mile, Add</i>	0.22	
			<i>For >5 Miles, Deduct</i>	-0.17	
32 17 23 13-0066	LF		CALTRAN Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping	0.61	
			<i>For Up To 1 Mile, Add</i>	0.12	
			<i>For >5 Miles, Deduct</i>	-0.09	
32 17 23 13-0067	LF		CALTRAN Detail 37C Lane Drop At Intersections	1.10	
			<i>For Up To 1 Mile, Add</i>	0.22	
			<i>For >5 Miles, Deduct</i>	-0.17	
32 17 23 13-0068	LF		CALTRAN Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.58	
			<i>For Up To 1 Mile, Add</i>	0.12	
			<i>For >5 Miles, Deduct</i>	-0.09	
32 17 23 13-0069	LF		CALTRAN Detail 38A Channelizing Line, Painted Reflective Pavement Striping.....	0.43	
			<i>For Up To 1 Mile, Add</i>	0.09	
			<i>For >5 Miles, Deduct</i>	-0.06	
32 17 23 13-0070	LF		CALTRAN Detail 38B Channelizing Line, Painted Reflective Pavement Striping.....	0.75	
			<i>For Up To 1 Mile, Add</i>	0.15	
			<i>For >5 Miles, Deduct</i>	-0.11	
32 17 23 13-0071	LF		CALTRAN Detail 38C Channelizing Line.....	1.63	
			<i>For Up To 1 Mile, Add</i>	0.33	
			<i>For >5 Miles, Deduct</i>	-0.24	
32 17 23 13-0072	LF		CALTRAN Detail 39 Bike Lane Line, Painted Reflective Pavement Striping	0.27	
			<i>For Up To 1 Mile, Add</i>	0.05	
			<i>For >5 Miles, Deduct</i>	-0.04	
32 17 23 13-0073	LF		CALTRAN Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping	0.22	
			<i>For Up To 1 Mile, Add</i>	0.04	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0074	LF		CALTRAN Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.17	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For >5 Miles, Deduct</i>	-0.03	
32 17 23 13-0075	LF		CALTRAN Detail 40A Lane Line Extensions Through Intersections.....	0.79	
			<i>For Up To 1 Mile, Add</i>	0.16	
			<i>For >5 Miles, Deduct</i>	-0.12	
32 17 23 13-0076	LF		CALTRAN Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.17	
			<i>For Up To 1 Mile, Add</i>	0.03	
			<i>For >5 Miles, Deduct</i>	-0.03	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0077	LF		CALTRAN Detail 41A Center Line Extensions Through Intersections.....	0.79	
			<i>For Up To 1 Mile, Add</i>	0.16	
			<i>For >5 Miles, Deduct</i>	-0.12	
32 17 23 13-0078	EA		CALTRAN 10' Arrow, Type I, Painted Reflective Pavement Marking.....	83.66	
			<i>For <10, Add</i>	11.09	
			<i>For >50 To 100, Deduct</i>	-5.55	
			<i>For >100 To 200, Deduct</i>	-7.40	
			<i>For >200, Deduct</i>	-14.79	
32 17 23 13-0079	EA		CALTRAN 18' Arrow, Type I, Painted Reflective Pavement Marking.....	146.75	
			<i>For <10, Add</i>	19.42	
			<i>For >50 To 100, Deduct</i>	-9.71	
			<i>For >100 To 200, Deduct</i>	-12.94	
			<i>For >200, Deduct</i>	-25.89	
32 17 23 13-0080	EA		CALTRAN 24' Arrow, Type I, Painted Reflective Pavement Marking.....	184.19	
			<i>For <10, Add</i>	24.41	
			<i>For >50 To 100, Deduct</i>	-12.20	
			<i>For >100 To 200, Deduct</i>	-16.27	
			<i>For >200, Deduct</i>	-32.54	
32 17 23 13-0081	EA		CALTRAN 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking.....	267.84	
			<i>For <10, Add</i>	35.50	
			<i>For >50 To 100, Deduct</i>	-17.75	
			<i>For >100 To 200, Deduct</i>	-23.67	
			<i>For >200, Deduct</i>	-47.34	
32 17 23 13-0082	EA		CALTRAN 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking.....	351.50	
			<i>For <10, Add</i>	46.60	
			<i>For >50 To 100, Deduct</i>	-23.30	
			<i>For >100 To 200, Deduct</i>	-31.06	
			<i>For >200, Deduct</i>	-62.13	
32 17 23 13-0083	EA		CALTRAN 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking.....	247.28	
			<i>For <10, Add</i>	32.73	
			<i>For >50 To 100, Deduct</i>	-16.36	
			<i>For >100 To 200, Deduct</i>	-21.82	
			<i>For >200, Deduct</i>	-43.64	
32 17 23 13-0084	EA		CALTRAN 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking.....	431.46	
			<i>For <10, Add</i>	57.14	
			<i>For >50 To 100, Deduct</i>	-28.57	
			<i>For >100 To 200, Deduct</i>	-38.09	
			<i>For >200, Deduct</i>	-76.18	
32 17 23 13-0085	EA		CALTRAN 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking.....	88.05	
			<i>For <10, Add</i>	11.65	
			<i>For >50 To 100, Deduct</i>	-5.82	
			<i>For >100 To 200, Deduct</i>	-7.77	
			<i>For >200, Deduct</i>	-15.53	
32 17 23 13-0086	EA		CALTRAN 24' Arrow, Type V, Painted Reflective Pavement Marking.....	192.97	
			<i>For <10, Add</i>	25.52	
			<i>For >50 To 100, Deduct</i>	-12.76	
			<i>For >100 To 200, Deduct</i>	-17.01	
			<i>For >200, Deduct</i>	-34.02	
32 17 23 13-0087	EA		CALTRAN 18' Arrow, Type VI, Painted Reflective Pavement Marking.....	247.28	
			<i>For <10, Add</i>	32.73	
			<i>For >50 To 100, Deduct</i>	-16.36	
			<i>For >100 To 200, Deduct</i>	-21.82	
			<i>For >200, Deduct</i>	-43.64	
32 17 23 13-0088	EA		CALTRAN 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking.....	159.33	
			<i>For <10, Add</i>	21.08	
			<i>For >50 To 100, Deduct</i>	-10.54	
			<i>For >100 To 200, Deduct</i>	-14.05	
			<i>For >200, Deduct</i>	-28.10	
32 17 23 13-0089	EA		CALTRAN 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking.....	209.84	
			<i>For <10, Add</i>	27.74	
			<i>For >50 To 100, Deduct</i>	-13.87	
			<i>For >100 To 200, Deduct</i>	-18.49	
			<i>For >200, Deduct</i>	-36.98	
32 17 23 13-0090	EA		CALTRAN 5' Arrow, Bike Lane, Painted Reflective Pavement Marking.....	41.83	
			<i>For <10, Add</i>	5.55	
			<i>For >50 To 100, Deduct</i>	-2.77	
			<i>For >100 To 200, Deduct</i>	-3.70	
			<i>For >200, Deduct</i>	-7.40	
32 17 23 13-0091	EA		CALTRAN Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	399.80	
			Note: Excludes variable width transverse lines.		
			<i>For <10, Add</i>	52.70	
			<i>For >50 To 100, Deduct</i>	-26.35	
			<i>For >100 To 200, Deduct</i>	-35.13	
			<i>For >200, Deduct</i>	-70.26	
32 17 23 13-0092	SF		CALTRAN Solid Area, Painted Reflective Pavement Marking.....	5.20	
32 17 23 13-0093	EA		CALTRAN Bike Lane Symbol Without Person, Painted Reflective Pavement Marking.....	38.44	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For <10, Add</i>	3.99	
			<i>For >50 To 100, Deduct</i>	-2.00	
			<i>For >100 To 200, Deduct</i>	-2.66	
			<i>For >200, Deduct</i>	-5.33	
32 17 23 13-0094	EA		CALTRAN Bike Lane Symbol With Person, Painted Reflective Pavement Marking.....	40.72	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For <10, Add</i>	4.22	
			<i>For >50 To 100, Deduct</i>	-2.11	
			<i>For >100 To 200, Deduct</i>	-2.81	
			<i>For >200, Deduct</i>	-5.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0095	EA		CALTRAN Diamond Symbol, Painted Reflective Pavement Marking	66.79	
			For <10, Add	8.88	
			For >50 To 100, Deduct	-4.44	
			For >100 To 200, Deduct	-5.92	
			For >200, Deduct	-11.83	
32 17 23 13-0096	EA		CALTRAN International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking.....	135.74	
			For <10, Add	17.97	
			For >50 To 100, Deduct	-8.99	
			For >100 To 200, Deduct	-11.98	
			For >200, Deduct	-23.96	
32 17 23 13-0097	EA		CALTRAN Bike Loop Detector Symbol, Painted Reflective Pavement Marking	29.44	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			For <10, Add	4.22	
			For >50 To 100, Deduct	-2.11	
			For >100 To 200, Deduct	-2.81	
			For >200, Deduct	-5.62	
32 17 23 13-0098	SF		CALTRAN Letter/Number, Painted Reflective Pavement Marking.....	5.27	
32 17 23 13-0099	SF		CALTRAN Symbols, Painted Reflective Pavement Marking.....	5.87	
			Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0100			Epoxy Reflective Pavement Marking (32 17 23 13-0001)		
			Note: 15 mil thickness.		
32 17 23 13-0101	LF		Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping	0.39	
			For 20 Mil Thickness, Add	0.11	
			For Up To 1 Mile, Add	0.08	
			For >5 Miles, Deduct	-0.06	
			For Broken Line, Deduct	-0.17	
32 17 23 13-0102	LF		Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping	0.54	
			For 20 Mil Thickness, Add	0.15	
			For Up To 1 Mile, Add	0.11	
			For >5 Miles, Deduct	-0.08	
			For Broken Line, Deduct	-0.26	
32 17 23 13-0103	LF		Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping	0.66	
			For 20 Mil Thickness, Add	0.19	
			For Up To 1 Mile, Add	0.13	
			For >5 Miles, Deduct	-0.10	
			For Broken Line, Deduct	-0.31	
32 17 23 13-0104	LF		Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.99	
			For 20 Mil Thickness, Add	0.29	
			For Up To 1 Mile, Add	0.20	
			For >5 Miles, Deduct	-0.15	
			For Broken Line, Deduct	-0.50	
32 17 23 13-0105	LF		Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.61	
			For 20 Mil Thickness, Add	0.18	
			For Up To 1 Mile, Add	0.12	
			For >5 Miles, Deduct	-0.09	
			For Broken Line On One Side, Deduct	-0.17	
			For Double Broken Line, Deduct	-0.34	
32 17 23 13-0106	LF		Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.87	
			For 20 Mil Thickness, Add	0.26	
			For Up To 1 Mile, Add	0.17	
			For >5 Miles, Deduct	-0.13	
			For Broken Line On One Side, Deduct	-0.25	
			For Double Broken Line, Deduct	-0.50	
32 17 23 13-0107	SF		Solid Area, Epoxy Reflective Pavement Marking.....	5.65	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			For 20 Mil Thickness, Add	0.65	
32 17 23 13-0108	EA		6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	3.52	
			For 20 Mil Thickness, Add	0.33	
			For <10, Add	0.46	
			For >50 To 100, Deduct	-0.23	
			For >100 To 200, Deduct	-0.30	
			For >200, Deduct	-0.61	
32 17 23 13-0109	EA		12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	6.33	
			For 20 Mil Thickness, Add	0.83	
			For <10, Add	0.69	
			For >50 To 100, Deduct	-0.34	
			For >100 To 200, Deduct	-0.46	
			For >200, Deduct	-0.92	
32 17 23 13-0110	EA		24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	10.68	
			For 20 Mil Thickness, Add	1.44	
			For <10, Add	1.14	
			For >50 To 100, Deduct	-0.57	
			For >100 To 200, Deduct	-0.76	
			For >200, Deduct	-1.52	
32 17 23 13-0111	EA		36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	20.62	
			For 20 Mil Thickness, Add	2.64	
			For <10, Add	2.29	
			For >50 To 100, Deduct	-1.14	
			For >100 To 200, Deduct	-1.52	
			For >200, Deduct	-3.05	
32 17 23 13-0112	EA		48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	24.08	
			For 20 Mil Thickness, Add	3.27	
			For <10, Add	2.56	
			For >50 To 100, Deduct	-1.28	
			For >100 To 200, Deduct	-1.71	
			For >200, Deduct	-3.42	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 13-0113	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking	43.17
		<i>For 20 Mil Thickness, Add</i>	5.93
		<i>For <10, Add</i>	4.56
		<i>For >50 To 100, Deduct</i>	-2.28
		<i>For >100 To 200, Deduct</i>	-3.04
		<i>For >200, Deduct</i>	-6.08
32 17 23 13-0114	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking	57.64
		<i>For 20 Mil Thickness, Add</i>	7.86
		<i>For <10, Add</i>	6.12
		<i>For >50 To 100, Deduct</i>	-3.06
		<i>For >100 To 200, Deduct</i>	-4.08
		<i>For >200, Deduct</i>	-8.17
32 17 23 13-0115	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking	88.10
		<i>For 20 Mil Thickness, Add</i>	15.29
		<i>For <10, Add</i>	7.59
		<i>For >50 To 100, Deduct</i>	-3.79
		<i>For >100 To 200, Deduct</i>	-5.06
		<i>For >200, Deduct</i>	-10.12
32 17 23 13-0116	SF	Letter/Number, Epoxy Reflective Pavement Marking.....	5.79
		<i>For 20 Mil Thickness, Add</i>	0.65
32 17 23 13-0117	SF	Symbols, Epoxy Reflective Pavement Marking.....	7.35
		Note: Handicap, railroad, diamond, arrows, etc.	
		<i>For 20 Mil Thickness, Add</i>	0.74

32 17 23 13-0118 Painted Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)**32 17 23 13-0119 Painted Pavement Marking For Parking Areas (32 17 23 13-0118)**

32 17 23 13-0120	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.80
32 17 23 13-0121	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.87
32 17 23 13-0122	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	0.91
32 17 23 13-0123	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.03
32 17 23 13-0124	SF	Solid Area, Painted Pavement Marking For Parking Areas.....	4.59
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	
32 17 23 13-0125	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	3.21
		<i>For Up To 10, Add</i>	0.44
		<i>For >50 To 100, Deduct</i>	-0.22
		<i>For >100 To 200, Deduct</i>	-0.30
		<i>For >200, Deduct</i>	-0.59
32 17 23 13-0126	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	5.38
		<i>For Up To 10, Add</i>	0.67
		<i>For >50 To 100, Deduct</i>	-0.33
		<i>For >100 To 200, Deduct</i>	-0.44
		<i>For >200, Deduct</i>	-0.89
32 17 23 13-0127	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	9.04
		<i>For Up To 10, Add</i>	1.11
		<i>For >50 To 100, Deduct</i>	-0.56
		<i>For >100 To 200, Deduct</i>	-0.74
		<i>For >200, Deduct</i>	-1.48
32 17 23 13-0128	EA	36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	16.93
		<i>For Up To 10, Add</i>	2.11
		<i>For >50 To 100, Deduct</i>	-1.05
		<i>For >100 To 200, Deduct</i>	-1.41
		<i>For >200, Deduct</i>	-2.81
32 17 23 13-0129	EA	42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	22.54
		<i>For Up To 10, Add</i>	2.88
		<i>For >50 To 100, Deduct</i>	-1.44
		<i>For >100 To 200, Deduct</i>	-1.92
		<i>For >200, Deduct</i>	-3.85
32 17 23 13-0130	EA	48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	27.40
		<i>For Up To 10, Add</i>	3.55
		<i>For >50 To 100, Deduct</i>	-1.77
		<i>For >100 To 200, Deduct</i>	-2.37
		<i>For >200, Deduct</i>	-4.73
32 17 23 13-0131	EA	72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	36.42
		<i>For Up To 10, Add</i>	4.44
		<i>For >50 To 100, Deduct</i>	-2.22
		<i>For >100 To 200, Deduct</i>	-2.96
		<i>For >200, Deduct</i>	-5.92
32 17 23 13-0132	EA	Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	63.50
		Note: Approximate overall dimensions: 3-1/2' width x 10' height.	
32 17 23 13-0133	EA	Turn Lane Arrow, Painted Pavement Marking For Parking Areas.....	71.92
		Note: Approximate overall dimensions: 6' width x 8' height.	
32 17 23 13-0134	EA	Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas	100.64
		Note: Approximate overall dimensions: 11' width x 8' height.	
32 17 23 13-0135	EA	Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas	102.58
		Note: Approximate overall dimensions: 7' width x 13' height.	
32 17 23 13-0136	EA	Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	132.57
		Note: Approximate overall dimensions: 9' width x 15' height.	
32 17 23 13-0137	EA	Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas	26.48
		Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	
		<i>For Blue Background With White Symbol, Add</i>	18.78
		<i>For Blue Background With White Symbol And Border, Add</i>	23.48
32 17 23 13-0138	EA	Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas.....	37.92
		Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	
		<i>For Blue Background With White Symbol, Add</i>	37.50
		<i>For Blue Background With White Symbol And Border, Add</i>	46.88

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

32 17 23 13-0139	Painted Curbs (32 17 23 13) Note: All colors.		
32 17 23 13-0140	LF Reflective Painted Curb	1.98	
32 17 23 13-0141	LF Reflective Painted Curb And Gutter	3.60	
32 17 23 13-0142	LF Painted Curb	1.59	
32 17 23 13-0143	LF Painted Curb And Gutter	3.17	
32 17 23 13-0144	Markings For Outdoor Play Areas, Courts (32 17 23 13)		
32 17 23 13-0145	LF 2" Wide Marking For Outdoor Play Areas	0.72	
32 17 23 13-0146	LF 3" Wide Marking For Outdoor Play Areas	0.82	
32 17 23 13-0147	LF 4" Wide Marking For Outdoor Play Areas	0.93	
32 17 23 13-0148	LF 6" Wide Marking For Outdoor Play Areas	1.08	
32 17 23 13-0149	EA Paint Playground Game Lines On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera)	249.91	
32 17 23 23	Raised Pavement Markings (32 17 23)		
32 17 23 23-0001	Raised Pavement Markers (RPMs) (32 17 23 23)		
32 17 23 23-0002	EA One-Way Reflective, Raised Pavement Marker (RPM)	3.56	2.13
	Note: Type G, H or R		
	For >100, Deduct	-0.36	
32 17 23 23-0003	EA Two-Way Reflective, Raised Pavement Marker (RPM)	3.73	2.13
	Note: Type B, C, D, AC, RA or RR		
	For >100, Deduct	-0.37	
32 17 23 23-0004	EA 4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	4.37	2.13
	For >100, Deduct	-0.44	
32 17 23 23-0005	EA 4" Diameter, Non-Reflective, Raised Pavement Marker (RPM)	3.34	2.13
	Note: Type A or AY		
	For >100, Deduct	-0.33	
32 17 23 26	Recessed Pavement Markings (32 17 23)		
32 17 23 26-0001	Recessed (Plowable) Pavement Markers (32 17 23 26)		
32 17 23 26-0002	EA One-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail	39.93	
	Note: Type G, H or R		
32 17 23 26-0003	EA Two-Way Reflective, Recessed (Plowable) Pavement Marker With Center Rail	40.07	
	Note: Type B, C, D, AC, RA or RR		
32 17 23 26-0004	EA Remove And Replace Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	13.59	
32 17 23 26-0005	EA Remove And Replace Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	17.54	
32 17 23 26-0006	EA Remove Recessed (Plowable) Pavement Marker	2.36	
32 17 23 33	Plastic Pavement Markings (32 17 23)		
32 17 23 33-0001	Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads (32 17 23 33) Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002	Thermoplastic Reflective Pavement Marking (32 17 23 33-0001) Note: 90 mil thickness.		
32 17 23 33-0003	LF Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping	0.84	
	For Up To 1 Mile, Add	0.17	
	For >5 Miles, Deduct	-0.13	
	For 60 mils Thick, Deduct	-0.11	
	For 125 mils Thick, Add	0.14	
	For Broken Line, Deduct	-0.47	
32 17 23 33-0004	LF Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.21	
	For Up To 1 Mile, Add	0.24	
	For >5 Miles, Deduct	-0.18	
	For 60 mils Thick, Deduct	-0.17	
	For 125 mils Thick, Add	0.21	
	For Broken Line, Deduct	-0.71	
32 17 23 33-0005	LF Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping	1.58	
	For Up To 1 Mile, Add	0.32	
	For >5 Miles, Deduct	-0.24	
	For 60 mils Thick, Deduct	-0.22	
	For 125 mils Thick, Add	0.28	
	For Broken Line, Deduct	-0.95	
32 17 23 33-0006	LF Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping	2.32	
	For Up To 1 Mile, Add	0.46	
	For >5 Miles, Deduct	-0.35	
	For 60 mils Thick, Deduct	-0.33	
	For 125 mils Thick, Add	0.43	
	For Broken Line, Deduct	-1.43	
32 17 23 33-0007	LF Double 4" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	1.58	
	For Up To 1 Mile, Add	0.32	
	For >5 Miles, Deduct	-0.24	
	For 60 mils Thick, Deduct	-0.22	
	For 125 mils Thick, Add	0.28	
	For Broken Line On One Side, Deduct	-0.47	
	For Double Broken Line, Deduct	-0.95	

32 Exterior Improvements**32 10 Bases, Ballasts, And Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 17 23 33-0008	LF	Double 6" Wide Solid Lines, Thermoplastic Reflective Pavement Striping	2.32
		<i>For Up To 1 Mile, Add</i>	0.46
		<i>For >5 Miles, Deduct</i>	-0.35
		<i>For 60 mils Thick, Deduct</i>	-0.33
		<i>For 125 mils Thick, Add</i>	0.43
		<i>For Broken Line On One Side, Deduct</i>	-0.71
		<i>For Double Broken Line, Deduct</i>	-1.43
32 17 23 33-0009	SF	Solid Area, Thermoplastic Reflective Pavement Marking	6.33
		Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.	
		<i>For 60 mils Thick, Deduct</i>	-0.33
		<i>For 125 mils Thick, Add</i>	0.43
32 17 23 33-0010	EA	6" High, Letter/Number, Thermoplastic Reflective Pavement Marking	4.30
		<i>For Up To 10, Add</i>	0.50
		<i>For >50 To 100, Deduct</i>	-0.25
		<i>For >100 To 200, Deduct</i>	-0.33
		<i>For >200, Deduct</i>	-0.67
		<i>For 60 mils Thick, Deduct</i>	-0.17
		<i>For 125 mils Thick, Add</i>	0.22
32 17 23 33-0011	EA	12" High, Letter/Number, Thermoplastic Reflective Pavement Marking	8.53
		<i>For Up To 10, Add</i>	0.75
		<i>For >50 To 100, Deduct</i>	-0.38
		<i>For >100 To 200, Deduct</i>	-0.50
		<i>For >200, Deduct</i>	-1.01
		<i>For 60 mils Thick, Deduct</i>	-0.61
		<i>For 125 mils Thick, Add</i>	0.79
32 17 23 33-0012	EA	24" High, Letter/Number, Thermoplastic Reflective Pavement Marking	14.48
		<i>For Up To 10, Add</i>	1.25
		<i>For >50 To 100, Deduct</i>	-0.63
		<i>For >100 To 200, Deduct</i>	-0.84
		<i>For >200, Deduct</i>	-1.67
		<i>For 60 mils Thick, Deduct</i>	-1.07
		<i>For 125 mils Thick, Add</i>	1.38
32 17 23 33-0013	EA	36" High, Letter/Number, Thermoplastic Reflective Pavement Marking	27.56
		<i>For Up To 10, Add</i>	2.52
		<i>For >50 To 100, Deduct</i>	-1.26
		<i>For >100 To 200, Deduct</i>	-1.68
		<i>For >200, Deduct</i>	-3.36
		<i>For 60 mils Thick, Deduct</i>	-1.88
		<i>For 125 mils Thick, Add</i>	2.42
32 17 23 33-0014	EA	48" High, Letter/Number, Thermoplastic Reflective Pavement Marking	32.79
		<i>For Up To 10, Add</i>	2.82
		<i>For >50 To 100, Deduct</i>	-1.41
		<i>For >100 To 200, Deduct</i>	-1.88
		<i>For >200, Deduct</i>	-3.76
		<i>For 60 mils Thick, Deduct</i>	-2.45
		<i>For 125 mils Thick, Add</i>	3.15
32 17 23 33-0015	EA	72" High, Letter/Number, Thermoplastic Reflective Pavement Marking	59.00
		<i>For Up To 10, Add</i>	5.01
		<i>For >50 To 100, Deduct</i>	-2.51
		<i>For >100 To 200, Deduct</i>	-3.34
		<i>For >200, Deduct</i>	-6.69
		<i>For 60 mils Thick, Deduct</i>	-4.47
		<i>For 125 mils Thick, Add</i>	5.75
32 17 23 33-0016	EA	96" High, Letter/Number, Thermoplastic Reflective Pavement Marking	78.54
		<i>For Up To 10, Add</i>	6.74
		<i>For >50 To 100, Deduct</i>	-3.37
		<i>For >100 To 200, Deduct</i>	-4.49
		<i>For >200, Deduct</i>	-8.98
		<i>For 60 mils Thick, Deduct</i>	-5.89
		<i>For 125 mils Thick, Add</i>	7.57
32 17 23 33-0017	EA	120" High, Letter/Number, Thermoplastic Reflective Pavement Marking.....	130.71
		<i>For Up To 10, Add</i>	8.34
		<i>For >50 To 100, Deduct</i>	-4.17
		<i>For >100 To 200, Deduct</i>	-5.56
		<i>For >200, Deduct</i>	-11.12
		<i>For 60 mils Thick, Deduct</i>	-13.14
		<i>For 125 mils Thick, Add</i>	16.90
32 17 23 33-0018	SF	Letter/Number, Thermoplastic Reflective Pavement Marking	7.45
		<i>For 60 mils Thick, Deduct</i>	-0.42
		<i>For 125 mils Thick, Add</i>	0.54
32 17 23 33-0019	SY	Cross Hatch, Thermoplastic Reflective Pavement Marking	50.26
		<i>For 60 mils Thick, Deduct</i>	-2.97
		<i>For 125 mils Thick, Add</i>	3.82
32 17 23 33-0020	EA	Handicap Symbol, Thermoplastic Reflective Pavement Marking	196.91
		<i>For 60 mils Thick, Deduct</i>	-9.75
		<i>For 125 mils Thick, Add</i>	12.54
32 17 23 33-0021	SY	Solid Area, Thermoplastic Reflective Pavement Marking	61.95
		<i>For 60 mils Thick, Deduct</i>	-2.97
		<i>For 125 mils Thick, Add</i>	3.82
32 17 23 33-0022	EA	Railroad Symbol, Thermoplastic Reflective Pavement Marking.....	583.76
		<i>For 60 mils Thick, Deduct</i>	-29.67
		<i>For 125 mils Thick, Add</i>	38.15
32 17 23 33-0023	EA	Bike Lane Symbol, Thermoplastic Reflective Pavement Marking	106.34
		Note: Approximate overall dimensions: 4' width x 8' height.	
		<i>For 60 mils Thick, Deduct</i>	-13.43
		<i>For 125 mils Thick, Add</i>	17.27
32 17 23 33-0024	EA	Diamond Symbol, Thermoplastic Reflective Pavement Marking.....	94.18
		<i>For 60 mils Thick, Deduct</i>	-4.66
		<i>For 125 mils Thick, Add</i>	6.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0025	SF		Symbols, Thermoplastic Reflective Pavement Marking.....	8.56	
			Note: Handicap, railroad, diamond, arrows, etc.		
			For 60 mils Thick, Deduct	-0.42	
			For 125 mils Thick, Add	0.54	
32 17 23 33-0026	EA	10'	Arrow, Type I, Thermoplastic Reflective Pavement Marking.....	119.85	
			For 60 mils Thick, Deduct	-5.93	
			For 125 mils Thick, Add	7.63	
32 17 23 33-0027	EA	18'	Arrow, Type I, Thermoplastic Reflective Pavement Marking.....	214.03	
			For 60 mils Thick, Deduct	-10.60	
			For 125 mils Thick, Add	13.63	
32 17 23 33-0028	EA	24'	Arrow, Type I, Thermoplastic Reflective Pavement Marking.....	265.39	
			For 60 mils Thick, Deduct	-13.14	
			For 125 mils Thick, Add	16.90	
32 17 23 33-0029	EA	24'	Arrow With Single (L or R) Turn Arrow, Type II, Thermoplastic Reflective Pavement Marking.....	385.25	
			For 60 mils Thick, Deduct	-19.08	
			For 125 mils Thick, Add	24.53	
32 17 23 33-0030	EA	24'	Arrow With Both (L and R) Turn Arrows, Type II, Thermoplastic Reflective Pavement Marking.....	505.11	
			For 60 mils Thick, Deduct	-25.01	
			For 125 mils Thick, Add	32.16	
32 17 23 33-0031	EA	24'	Arrow Single (L or R) Turn Arrow, Type III, Thermoplastic Reflective Pavement Marking.....	359.57	
			For 60 mils Thick, Deduct	-17.80	
			For 125 mils Thick, Add	22.89	
32 17 23 33-0032	EA	24'	Arrow Both (L and R) Turn Arrows, Type III, Thermoplastic Reflective Pavement Marking.....	624.97	
			For 60 mils Thick, Deduct	-30.95	
			For 125 mils Thick, Add	39.79	
32 17 23 33-0033	EA	8'	Turn Arrow (L or R), Type IV, Thermoplastic Reflective Pavement Marking.....	128.42	
			For 60 mils Thick, Deduct	-6.36	
			For 125 mils Thick, Add	8.18	
32 17 23 33-0034	EA	24'	Arrow, Type V, Thermoplastic Reflective Pavement Marking.....	282.52	
			For 60 mils Thick, Deduct	-13.99	
			For 125 mils Thick, Add	17.99	
32 17 23 33-0035	EA	18'	Arrow, Type VI, Thermoplastic Reflective Pavement Marking.....	359.57	
			For 60 mils Thick, Deduct	-17.80	
			For 125 mils Thick, Add	22.89	
32 17 23 33-0036	EA	13'	Arrow With Single (L or R) Turn Arrow, Type VII, Thermoplastic Reflective Pavement Marking.....	231.15	
			For 60 mils Thick, Deduct	-11.45	
			For 125 mils Thick, Add	14.72	
32 17 23 33-0037	EA	15'	Arrow With Both (L and R) Turn Arrows, Type VIII, Thermoplastic Reflective Pavement Marking.....	308.20	
			For 60 mils Thick, Deduct	-15.26	
			For 125 mils Thick, Add	19.62	
32 17 23 33-0038	EA	5'	Arrow, Bike Lane, Thermoplastic Reflective Pavement Marking.....	59.94	
			For 60 mils Thick, Deduct	-2.97	
			For 125 mils Thick, Add	3.82	
32 17 23 33-0039			Thermoplastic Reflective Pavement Striping By Hand For Repairs (32 17 23 33-0001)		
32 17 23 33-0040	LF		Single 4" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	2.19	
			For 60 mils Thick, Deduct	-0.11	
			For 125 mils Thick, Add	0.14	
32 17 23 33-0041	LF		Single 6" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	2.73	
			For 60 mils Thick, Deduct	-0.17	
			For 125 mils Thick, Add	0.21	
32 17 23 33-0042	LF		Single 8" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	3.33	
			For 60 mils Thick, Deduct	-0.22	
			For 125 mils Thick, Add	0.28	
32 17 23 33-0043	LF		Single 12" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	4.77	
			For 60 mils Thick, Deduct	-0.33	
			For 125 mils Thick, Add	0.43	
32 17 23 33-0044	LF		Single 24" Wide Solid Line, Thermoplastic Reflective Pavement Striping By Hand For Repairs.....	8.46	
			For 60 mils Thick, Deduct	-0.66	
			For 125 mils Thick, Add	0.85	
32 17 23 33-0045			Preformed, Patterned Reflective Pavement Marking Tape (32 17 23 33-0001)		
			Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0046	LF		Single 4" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping.....	1.77	
			For Up To 1 Mile, Add	0.35	
			For >5 Miles, Deduct	-0.27	
32 17 23 33-0047	LF		Single 6" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping.....	2.61	
			For Up To 1 Mile, Add	0.52	
			For >5 Miles, Deduct	-0.39	
32 17 23 33-0048	LF		Single 8" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping.....	3.46	
			For Up To 1 Mile, Add	0.69	
			For >5 Miles, Deduct	-0.52	
32 17 23 33-0049	LF		Single 12" Wide Solid Line, Preformed Tape, Patterned Thermoplastic Reflective Pavement Striping.....	5.12	
			For Up To 1 Mile, Add	1.02	
			For >5 Miles, Deduct	-0.77	
32 17 23 33-0050	SF		Preformed Solid Area, Patterned Thermoplastic Reflective Pavement Marking Tape.....	15.24	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 33-0051	EA	6"	High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape.....	22.48	
			For <10, Add	0.91	
			For >50 To 100, Deduct	-0.45	
			For >100 To 200, Deduct	-0.61	
			For >200, Deduct	-1.21	
32 17 23 33-0052	EA	12"	High, Preformed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape.....	38.94	
			For <10, Add	1.15	
			For >50 To 100, Deduct	-0.58	
			For >100 To 200, Deduct	-0.77	
			For >200, Deduct	-1.54	

32 Exterior Improvements
32 10 Bases, Ballasts, And Paving
32 17 Paving Specialties

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 17 23 33-0053	EA	24" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	67.42
		<i>For <10, Add</i>	2.29
		<i>For >50 To 100, Deduct</i>	-1.14
		<i>For >100 To 200, Deduct</i>	-1.52
		<i>For >200, Deduct</i>	-3.05
32 17 23 33-0054	EA	36" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	99.44
		<i>For <10, Add</i>	4.57
		<i>For >50 To 100, Deduct</i>	-2.29
		<i>For >100 To 200, Deduct</i>	-3.05
		<i>For >200, Deduct</i>	-6.09
32 17 23 33-0055	EA	48" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	116.18
		<i>For <10, Add</i>	5.13
		<i>For >50 To 100, Deduct</i>	-2.56
		<i>For >100 To 200, Deduct</i>	-3.42
		<i>For >200, Deduct</i>	-6.84
32 17 23 33-0056	EA	72" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	152.96
		<i>For <10, Add</i>	9.12
		<i>For >50 To 100, Deduct</i>	-4.56
		<i>For >100 To 200, Deduct</i>	-6.08
		<i>For >200, Deduct</i>	-12.16
32 17 23 33-0057	EA	96" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	196.07
		<i>For <10, Add</i>	12.25
		<i>For >50 To 100, Deduct</i>	-6.12
		<i>For >100 To 200, Deduct</i>	-8.17
		<i>For >200, Deduct</i>	-16.33
32 17 23 33-0058	EA	120" High, Prefomed Letter/Number, Patterned Thermoplastic Reflective Pavement Marking Tape	245.47
		<i>For <10, Add</i>	15.18
		<i>For >50 To 100, Deduct</i>	-7.59
		<i>For >100 To 200, Deduct</i>	-10.12
		<i>For >200, Deduct</i>	-20.24
32 17 23 33-0059	SF	Prefomed Arrow, Patterned Thermoplastic Reflective Pavement Marking Tape	15.83
32 17 23 33-0060	SF	Prefomed Symbol, Patterned Thermoplastic Reflective Pavement Marking Tape Note: Handicap, railroad, diamond symbol, etc.	16.94

32 17 23 33-0061 Prefomed, Thermoplastic Reflective Pavement Marking (32 17 23 33-0001)

Note: Heat applied. (Flint PreMark or HotTape Series).

32 17 23 33-0062	EA	Prefomed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 4' width x 8' height.	110.80
32 17 23 33-0063	EA	Prefomed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	290.82
32 17 23 33-0064	EA	Prefomed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 13' height.	71.93
32 17 23 33-0065	EA	6' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 2' width x 6' height.	66.75
32 17 23 33-0066	EA	9-1/2' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	106.60
32 17 23 33-0067	EA	4' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 4' height.	72.79
32 17 23 33-0068	EA	8' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 6' width x 8' height.	115.53
32 17 23 33-0069	EA	Prefomed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	179.67
32 17 23 33-0070	EA	Prefomed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	256.53
32 17 23 33-0071	EA	Prefomed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 1-2/3' width x 12' height.	113.85
32 17 23 33-0072	EA	Prefomed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3' width x 12' height.	122.78
32 17 23 33-0073	EA	Prefomed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 12' height.	201.17
32 17 23 33-0074	EA	Prefomed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 3-1/2' width x 20' height.	187.81
32 17 23 33-0075	EA	Prefomed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 20' height.	190.03
32 17 23 33-0076	EA	Prefomed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape Note: Approximate overall dimensions: 5-1/2' width x 18' height.	243.47

32 17 23 33-0077 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas

(32 17 23 33)

32 17 23 33-0078 Thermoplastic Pavement Marking Tape For Parking Areas (32 17 23 33-0077)

Note: Heat applied. (Flint PreMark Series).

32 17 23 33-0079	EA	28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White or blue symbol. Excludes striping.	43.83
32 17 23 33-0080	EA	39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	130.42
32 17 23 33-0081	EA	40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	80.72
32 17 23 33-0082	EA	45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas Note: White symbol on blue background. Excludes striping.	94.78

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

32 17 23 33-0083	EA	48" x 48"	Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas.....	98.97	
Note: White symbol on blue background. Excludes striping.					

32 17 26 Tactile Warning Surfaces (32 17)

32 17 26 00-0001 **Vitrified Polymer Composite (VPC); (Armor Tile)** (32 17 26)

Note: Truncated dome, raised strips or directional bars. All colors.					
32 17 26 00-0002	SF	Surface Applied VPC Truncated Dome Detectable Warning Surface.....	52.00	6.95	
Note: Includes surface preparation, adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.					
32 17 26 00-0003	SF	Cast In Place VPC Truncated Dome Detectable Warning Surface.....	42.96	6.95	
Note: Also raised strips or directional bars. All colors.					

32 17 26 00-0004 **Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD)** (32 17 26)

Note: Pre-molded tactile dome sheet. All colors.					
32 17 26 00-0005	SF	Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT).....	46.58	6.95	
Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.					
32 17 26 00-0006	SF	>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT).....	40.32	6.95	
Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.					

32 30 Site Improvements (32)

32 31 Fences And Gates (32 30)

32 31 11 Gate Operators (32 31)

32 31 11 00-0001 **Gate Operators** (32 31 11)

Note: Excludes gates, electrical connections, access controls and concrete foundation.

32 31 11 00-0002 **Swing Gate Actuator** (32 31 11 00-0001)

32 31 11 00-0003 **Single Gate, Swing Gate Actuator** (32 31 11 00-0002)

32 31 11 00-0004	EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003).....	1,025.49	175.24	
Note: Includes one primary operator with a 10' wide gate capacity.					
32 31 11 00-0005	EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002).....	1,317.99	175.24	
Note: Includes one primary operator with a 14' wide gate capacity.					

32 31 11 00-0006 **Dual Gate, Swing Gate Actuator** (32 31 11 00-0002)

32 31 11 00-0007	EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003).....	2,050.98	350.49	
Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.					
32 31 11 00-0008	EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002).....	2,635.98	350.49	
Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.					

32 31 11 00-0009 **Swing Gate Operators** (32 31 11 00-0001)

32 31 11 00-0010 **Single Gate, Swing Gate Operators** (32 31 11 00-0009)

32 31 11 00-0011	EA	400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	1,940.49	175.24	
Note: Includes one primary operator with a 10' wide and 400# gate capacity.					
32 31 11 00-0012	EA	500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	2,097.99	175.24	
Note: Includes one primary operator with a 14' wide and 500# gate capacity.					
32 31 11 00-0013	EA	700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	2,795.49	175.24	
Note: Includes one primary operator with an 18' wide and 700# gate capacity.					
			322.50		
32 31 11 00-0014	EA	800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	3,147.99	175.24	
Note: Includes one primary operator with a 22' wide and 800# gate capacity.					
			322.50		

32 31 11 00-0015 **Dual Gate, Swing Gate Operators** (32 31 11 00-0009)

32 31 11 00-0016	EA	400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	3,468.48	350.49	
Note: Includes one primary and one secondary operator each with a 10' wide and 400# gate capacity.					
32 31 11 00-0017	EA	500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	3,783.48	350.49	
Note: Includes one primary and one secondary operator each with a 14' wide and 500# gate capacity.					
32 31 11 00-0018	EA	700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	5,170.98	350.49	
Note: Includes one primary and one secondary operator each with an 18' wide and 700# gate capacity.					
			322.50		
32 31 11 00-0019	EA	800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	5,943.48	350.49	
Note: Includes one primary and one secondary operator each with a 22' wide and 800# gate capacity.					
			322.50		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 11 00-0020		Sliding Gate Operators <small>(32 31 11 00-0001)</small>		
Note: Includes 20' of chain. See CSI section 32 31 11 00-0029 for additional chain over 20'.				
32 31 11 00-0021	EA	300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050).....	1,587.99	175.24
Note: Includes operator, chain brackets, hardware and 20' of #41 chain.				
32 31 11 00-0022	EA	1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100).....	2,220.59	210.29
Note: Includes operator, chain brackets, hardware and 20' of #41 chain.				
32 31 11 00-0023	EA	1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150).....	2,745.59	210.29
Note: Includes operator, chain brackets, hardware and 20' of #40 chain.				
32 31 11 00-0024	EA	3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210).....	3,584.43	245.34
Note: Includes operator, chain brackets, hardware and 20' of #50 chain.				
32 31 11 00-0025	EA	2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220).....	4,394.43	245.34
Note: Includes operator, chain brackets, hardware and 20' of #50 chain.				
32 31 11 00-0026	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230).....	5,994.53	280.39
Note: Includes operator, chain brackets, hardware and 20' of #60 chain.				
32 31 11 00-0027	EA	5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530).....	10,010.78	280.39
Note: Includes operator, chain brackets, hardware and 20' of #60 chain.				
32 31 11 00-0028	EA	10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550).....	16,965.88	315.44
Note: Includes operator, chain brackets, hardware and 20' of #60 chain.				

32 31 11 00-0029 Accessories For Gate Actuators And Operators (32 31 11 00-0001)

32 31 11 00-0030	EA	Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410).....	394.96	
32 31 11 00-0031	EA	Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409).....	774.18	
32 31 11 00-0032	EA	Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601).....	440.20	
32 31 11 00-0033	EA	Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031).....	502.79	
32 31 11 00-0034	EA	Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020).....	457.79	
32 31 11 00-0035	EA	Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310).....	349.04	
32 31 11 00-0036	LF	#40 Chain For Sliding Gate Operators.....	5.58	
32 31 11 00-0037	LF	#41 Chain For Sliding Gate Operators.....	4.45	
32 31 11 00-0038	LF	#50 Chain For Sliding Gate Operators.....	6.20	
32 31 11 00-0039	LF	#60 Chain For Sliding Gate Operators.....	5.89	

32 31 13 Chain Link Fences And Gates (32 31)
32 31 13 13 Chain Link Fences And Gates (32 31 13)

32 31 13 13-0001		Post Holes <small>(32 31 13 13)</small>		
Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.				
32 31 13 13-0002		Drilling Post Hole In Soil <small>(32 31 13 13-0001)</small>		
Note: Auger by machine unless otherwise notified by owner.				
32 31 13 13-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	7.32	
32 31 13 13-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	8.23	
32 31 13 13-0005	VLF	3" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	9.75	
32 31 13 13-0006	VLF	4" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	10.97	
32 31 13 13-0007	VLF	6" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	11.97	
32 31 13 13-0008	VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	13.16	
32 31 13 13-0009	VLF	10" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	14.63	
32 31 13 13-0010	VLF	12" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	16.45	
32 31 13 13-0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	18.81	
32 31 13 13-0012	VLF	24" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	21.95	
32 31 13 13-0013	VLF	30" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	26.33	
32 31 13 13-0014	VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	32.92	

32 31 13 13-0015 Drilling Post Hole In Rock (32 31 13 13-0001)

32 31 13 13-0016	CF	Jackhammer Post Hole, Rock.....	55.28	
32 31 13 13-0017	CF	Rock Drill Post Hole, Rock.....	15.75	

32 31 13 13-0018 Post Hole Fill (32 31 13 13-0001)
 See CSI section 03 21 00 00-0000 for reinforcing bars.

32 31 13 13-0019 Concrete Fill (32 31 13 13-0018)

32 31 13 13-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole.....	4.92	
32 31 13 13-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole.....	6.31	
32 31 13 13-0022	VLF	Concrete Fill, 3" Diameter Hole.....	6.98	
32 31 13 13-0023	VLF	Concrete Fill, 4" Diameter Hole.....	8.10	
32 31 13 13-0024	VLF	Concrete Fill, 6" Diameter Hole.....	11.49	
32 31 13 13-0025	VLF	Concrete Fill, 8" Diameter Hole.....	15.33	
32 31 13 13-0026	VLF	Concrete Fill, 10" Diameter Hole.....	18.78	
32 31 13 13-0027	VLF	Concrete Fill, 12" Diameter Hole.....	21.94	
32 31 13 13-0028	VLF	Concrete Fill, 18" Diameter Hole.....	30.13	
32 31 13 13-0029	VLF	Concrete Fill, 24" Diameter Hole.....	37.60	
32 31 13 13-0030	VLF	Concrete Fill, 30" Diameter Hole.....	44.92	
32 31 13 13-0031	VLF	Concrete Fill, 36" Diameter Hole.....	52.55	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0032	Grout Fill <small>(32 31 13 13-0018)</small>		
32 31 13 13-0033	VLF Grout Fill, Up To 2-1/2" Diameter Hole	5.76	
32 31 13 13-0034	VLF Grout Fill, 2-1/2" Diameter Hole	7.41	
32 31 13 13-0035	VLF Grout Fill, 3" Diameter Hole	8.11	
32 31 13 13-0036	VLF Grout Fill, 4" Diameter Hole	9.20	
32 31 13 13-0037	VLF Grout Fill, 6" Diameter Hole	12.90	
32 31 13 13-0038	VLF Grout Fill, 8" Diameter Hole	17.22	
32 31 13 13-0039	VLF Grout Fill, 10" Diameter Hole	21.01	
32 31 13 13-0040	VLF Grout Fill, 12" Diameter Hole	24.44	
32 31 13 13-0041	VLF Grout Fill, 18" Diameter Hole	32.93	
32 31 13 13-0042	VLF Grout Fill, 24" Diameter Hole	40.49	
32 31 13 13-0043	VLF Grout Fill, 30" Diameter Hole	47.85	
32 31 13 13-0044	VLF Grout Fill, 36" Diameter Hole	55.42	
32 31 13 13-0045	Earth Fill, Compacted <small>(32 31 13 13-0018)</small>		
32 31 13 13-0046	VLF Earth Fill, Up To 2-1/2" Diameter Hole	3.89	
32 31 13 13-0047	VLF Earth Fill, 2-1/2" Diameter Hole	5.08	
32 31 13 13-0048	VLF Earth Fill, 3" Diameter Hole	5.31	
32 31 13 13-0049	VLF Earth Fill, 4" Diameter Hole	5.47	
32 31 13 13-0050	VLF Earth Fill, 6" Diameter Hole	7.30	
32 31 13 13-0051	VLF Earth Fill, 8" Diameter Hole	9.74	
32 31 13 13-0052	VLF Earth Fill, 10" Diameter Hole	11.68	
32 31 13 13-0053	VLF Earth Fill, 12" Diameter Hole	13.24	
32 31 13 13-0054	VLF Earth Fill, 18" Diameter Hole	16.14	
32 31 13 13-0055	VLF Earth Fill, 24" Diameter Hole	18.10	
32 31 13 13-0056	VLF Earth Fill, 30" Diameter Hole	19.86	
32 31 13 13-0057	VLF Earth Fill, 36" Diameter Hole	21.42	
32 31 13 13-0058	Fence Posts <small>(32 31 13 13)</small>		
	Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059	Fence Posts <small>(32 31 13 13-0058)</small>		
32 31 13 13-0060	1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel <small>(32 31 13 13-0059)</small>		
	Note: Includes cap and accessories.		
32 31 13 13-0061	LF 1-7/8" Galvanized H-beam Post, Up To 6' In Length	9.19	2.23
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0062	LF 1-7/8" Galvanized H-beam Post, 7' To 10' In Length	8.56	1.90
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0063	LF 1-7/8" Galvanized H-beam Post, 11' To 15' In Length	7.79	1.57
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0064	LF 1-7/8" Galvanized H-beam Post, 16' To 20' In Length	7.17	1.24
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0065	LF 1-7/8" Galvanized H-beam Post, 21' To 24' In Length	6.75	1.07
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0066	LF 1-7/8" Galvanized H-beam Post, >24' In Length	6.11	0.74
	<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13 13-0067	Post Without Top Rail Fitting, Galvanized Steel, (1.66" Nominal) <small>(32 31 13 13-0059)</small>		
	Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0068	LF 1-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length	6.75	2.06
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.66	
	<i>For Vinyl Coated, Add</i>	1.57	
	<i>For Powder Coated, Add</i>	2.10	
	<i>For Aluminum Coated, Add</i>	3.28	
	<i>For Schedule 20, Deduct</i>	-0.52	
	<i>For Schedule 80, Add</i>	1.67	
32 31 13 13-0069	LF 1-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	6.11	1.73
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.66	
	<i>For Vinyl Coated, Add</i>	1.57	
	<i>For Powder Coated, Add</i>	2.10	
	<i>For Aluminum Coated, Add</i>	3.28	
	<i>For Schedule 20, Deduct</i>	-0.52	
	<i>For Schedule 80, Add</i>	1.61	
32 31 13 13-0070	LF 1-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	5.40	1.41
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	0.66	
	<i>For Vinyl Coated, Add</i>	1.57	
	<i>For Powder Coated, Add</i>	2.10	
	<i>For Aluminum Coated, Add</i>	3.28	
	<i>For Schedule 20, Deduct</i>	-0.52	
	<i>For Schedule 80, Add</i>	1.54	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0071	LF 1-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	4.86	1.07
	For Each Top Rail Fitting, Add	0.85	
	For Each Single Barbed Wire Arm, Add	1.90	
	For Each Double Barbed Wire Arm, Add	3.40	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
	For Vinyl Coated, Add	1.57	
	For Powder Coated, Add	2.10	
	For Aluminum Coated, Add	3.28	
	For Schedule 20, Deduct	-0.52	
	For Schedule 80, Add	1.48	
32 31 13 13-0072	LF 1-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	4.48	0.91
	For Each Top Rail Fitting, Add	0.85	
	For Each Single Barbed Wire Arm, Add	1.90	
	For Each Double Barbed Wire Arm, Add	3.40	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
	For Vinyl Coated, Add	1.57	
	For Powder Coated, Add	2.10	
	For Aluminum Coated, Add	3.28	
	For Schedule 20, Deduct	-0.52	
	For Schedule 80, Add	1.44	
32 31 13 13-0073	LF 1-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	4.08	0.74
	For Each Top Rail Fitting, Add	0.85	
	For Each Single Barbed Wire Arm, Add	1.90	
	For Each Double Barbed Wire Arm, Add	3.40	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.66	
	For Vinyl Coated, Add	1.57	
	For Powder Coated, Add	2.10	
	For Aluminum Coated, Add	3.28	
	For Schedule 20, Deduct	-0.52	
	For Schedule 80, Add	1.40	
32 31 13 13-0074	Post Without Top Rail Fitting, Galvanized Steel, (1.90" Nominal) (32 31 13 13-0059)		
	Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF 2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	7.47	2.15
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
	For Vinyl Coated, Add	1.92	
	For Powder Coated, Add	2.56	
	For Aluminum Coated, Add	4.00	
	For Schedule 20, Deduct	-0.64	
	For Schedule 80, Add	1.96	
32 31 13 13-0076	LF 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	6.90	1.82
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
	For Vinyl Coated, Add	1.92	
	For Powder Coated, Add	2.56	
	For Aluminum Coated, Add	4.00	
	For Schedule 20, Deduct	-0.64	
	For Schedule 80, Add	1.91	
32 31 13 13-0077	LF 2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	6.14	1.48
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
	For Vinyl Coated, Add	1.92	
	For Powder Coated, Add	2.56	
	For Aluminum Coated, Add	4.00	
	For Schedule 20, Deduct	-0.64	
	For Schedule 80, Add	1.83	
32 31 13 13-0078	LF 2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	5.56	1.16
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
	For Vinyl Coated, Add	1.92	
	For Powder Coated, Add	2.56	
	For Aluminum Coated, Add	4.00	
	For Schedule 20, Deduct	-0.64	
	For Schedule 80, Add	1.77	
32 31 13 13-0079	LF 2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	5.16	0.99
	For Each Top Rail Fitting, Add	1.35	
	For Each Single Barbed Wire Arm, Add	2.65	
	For Each Double Barbed Wire Arm, Add	4.88	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
	For Vinyl Coated, Add	1.92	
	For Powder Coated, Add	2.56	
	For Aluminum Coated, Add	4.00	
	For Schedule 20, Deduct	-0.64	
	For Schedule 80, Add	1.73	

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

32 31 13 13-0080	LF		2" Outside Diameter Galvanized Steel Post, >24' In Length.....	4.80	0.83
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	0.80	
			For Vinyl Coated, Add	1.92	
			For Powder Coated, Add	2.56	
			For Aluminum Coated, Add	4.00	
			For Schedule 20, Deduct	-0.64	
			For Schedule 80, Add	1.70	
32 31 13 13-0081			Post Without Top Rail Fitting, Galvanized Steel, (2.375" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0082	LF		2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	8.76	2.31
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.49	
32 31 13 13-0083	LF		2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	8.13	1.98
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.43	
32 31 13 13-0084	LF		2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	7.36	1.57
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.35	
32 31 13 13-0085	LF		2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	6.74	1.24
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.29	
32 31 13 13-0086	LF		2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	6.32	1.07
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.25	
32 31 13 13-0087	LF		2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length.....	5.93	0.83
			For Each Top Rail Fitting, Add	1.35	
			For Each Single Barbed Wire Arm, Add	2.65	
			For Each Double Barbed Wire Arm, Add	4.88	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.07	
			For Vinyl Coated, Add	2.56	
			For Powder Coated, Add	3.41	
			For Aluminum Coated, Add	5.33	
			For Schedule 20, Deduct	-0.85	
			For Schedule 80, Add	2.21	
32 31 13 13-0088			Post Without Top Rail Fitting, Galvanized Steel, (2.875" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0089	LF		3" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	11.31	2.48
			For Each Top Rail Fitting, Add	1.85	
			For Each Single Barbed Wire Arm, Add	3.85	
			For Each Double Barbed Wire Arm, Add	7.05	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	1.59	
			For Vinyl Coated, Add	3.82	
			For Powder Coated, Add	5.09	
			For Aluminum Coated, Add	7.95	
			For Schedule 20, Deduct	-1.27	
			For Schedule 80, Add	3.55	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	10.63	2.15
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
		<i>For Vinyl Coated, Add</i>	3.82	
		<i>For Powder Coated, Add</i>	5.09	
		<i>For Aluminum Coated, Add</i>	7.95	
		<i>For Schedule 20, Deduct</i>	-1.27	
		<i>For Schedule 80, Add</i>	3.48	
32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	9.80	1.73
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
		<i>For Vinyl Coated, Add</i>	3.82	
		<i>For Powder Coated, Add</i>	5.09	
		<i>For Aluminum Coated, Add</i>	7.95	
		<i>For Schedule 20, Deduct</i>	-1.27	
		<i>For Schedule 80, Add</i>	3.40	
32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	9.11	1.41
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
		<i>For Vinyl Coated, Add</i>	3.82	
		<i>For Powder Coated, Add</i>	5.09	
		<i>For Aluminum Coated, Add</i>	7.95	
		<i>For Schedule 20, Deduct</i>	-1.27	
		<i>For Schedule 80, Add</i>	3.33	
32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	8.65	1.16
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
		<i>For Vinyl Coated, Add</i>	3.82	
		<i>For Powder Coated, Add</i>	5.09	
		<i>For Aluminum Coated, Add</i>	7.95	
		<i>For Schedule 20, Deduct</i>	-1.27	
		<i>For Schedule 80, Add</i>	3.28	
32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length	8.22	0.91
		<i>For Each Top Rail Fitting, Add</i>	1.85	
		<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
		<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	1.59	
		<i>For Vinyl Coated, Add</i>	3.82	
		<i>For Powder Coated, Add</i>	5.09	
		<i>For Aluminum Coated, Add</i>	7.95	
		<i>For Schedule 20, Deduct</i>	-1.27	
		<i>For Schedule 80, Add</i>	3.24	
32 31 13 13-0095		Post Without Top Rail Fitting, Galvanized Steel, (4" Nominal) <small>(32 31 13 13-0059)</small>		
		Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF	4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	15.55	2.64
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.59	
		<i>For Vinyl Coated, Add</i>	6.20	
		<i>For Powder Coated, Add</i>	8.27	
		<i>For Aluminum Coated, Add</i>	12.93	
		<i>For Schedule 20, Deduct</i>	-2.07	
		<i>For Schedule 80, Add</i>	5.48	
32 31 13 13-0097	LF	4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	14.69	2.15
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.59	
		<i>For Vinyl Coated, Add</i>	6.20	
		<i>For Powder Coated, Add</i>	8.27	
		<i>For Aluminum Coated, Add</i>	12.93	
		<i>For Schedule 20, Deduct</i>	-2.07	
		<i>For Schedule 80, Add</i>	5.40	
32 31 13 13-0098	LF	4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	13.96	1.82
		<i>For Each Top Rail Fitting, Add</i>	2.60	
		<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
		<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
		<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.59	
		<i>For Vinyl Coated, Add</i>	6.20	
		<i>For Powder Coated, Add</i>	8.27	
		<i>For Aluminum Coated, Add</i>	12.93	
		<i>For Schedule 20, Deduct</i>	-2.07	
		<i>For Schedule 80, Add</i>	5.33	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0099	LF		4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	13.24	1.48
			For Each Top Rail Fitting, Add	2.60	
			For Each Single Barbed Wire Arm, Add	5.10	
			For Each Double Barbed Wire Arm, Add	11.25	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
			For Vinyl Coated, Add	6.20	
			For Powder Coated, Add	8.27	
			For Aluminum Coated, Add	12.93	
			For Schedule 20, Deduct	-2.07	
			For Schedule 80, Add	5.25	
32 31 13 13-0100	LF		4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	13.24	1.48
			For Each Top Rail Fitting, Add	2.60	
			For Each Single Barbed Wire Arm, Add	5.10	
			For Each Double Barbed Wire Arm, Add	11.25	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
			For Vinyl Coated, Add	6.20	
			For Powder Coated, Add	8.27	
			For Aluminum Coated, Add	12.93	
			For Schedule 20, Deduct	-2.07	
			For Schedule 80, Add	5.25	
32 31 13 13-0101	LF		4" Outside Diameter Galvanized Steel Post, >24' In Length.....	12.40	1.07
			For Each Top Rail Fitting, Add	2.60	
			For Each Single Barbed Wire Arm, Add	5.10	
			For Each Double Barbed Wire Arm, Add	11.25	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	2.59	
			For Vinyl Coated, Add	6.20	
			For Powder Coated, Add	8.27	
			For Aluminum Coated, Add	12.93	
			For Schedule 20, Deduct	-2.07	
			For Schedule 80, Add	5.17	
32 31 13 13-0102			Post Without Top Rail Fitting, Galvanized Steel, (6.625" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF		6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	27.71	2.89
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
			For Vinyl Coated, Add	13.15	
			For Powder Coated, Add	17.54	
			For Aluminum Coated, Add	27.40	
			For Schedule 20, Deduct	-4.38	
			For Schedule 80, Add	11.10	
32 31 13 13-0104	LF		6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	26.77	2.40
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
			For Vinyl Coated, Add	13.15	
			For Powder Coated, Add	17.54	
			For Aluminum Coated, Add	27.40	
			For Schedule 20, Deduct	-4.38	
			For Schedule 80, Add	11.01	
32 31 13 13-0105	LF		6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	25.94	1.98
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
			For Vinyl Coated, Add	13.15	
			For Powder Coated, Add	17.54	
			For Aluminum Coated, Add	27.40	
			For Schedule 20, Deduct	-4.38	
			For Schedule 80, Add	10.92	
32 31 13 13-0106	LF		6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	25.14	1.57
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
			For Vinyl Coated, Add	13.15	
			For Powder Coated, Add	17.54	
			For Aluminum Coated, Add	27.40	
			For Schedule 20, Deduct	-4.38	
			For Schedule 80, Add	10.84	
32 31 13 13-0107	LF		6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	24.67	1.41
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
			For Vinyl Coated, Add	13.15	
			For Powder Coated, Add	17.54	
			For Aluminum Coated, Add	27.40	
			For Schedule 20, Deduct	-4.38	
			For Schedule 80, Add	10.80	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0108	LF 6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	24.21	1.16
	For Each Top Rail Fitting, Add	4.55	
	For Each Single Barbed Wire Arm, Add	7.15	
	For Each Double Barbed Wire Arm, Add	14.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	5.48	
	For Vinyl Coated, Add	13.15	
	For Powder Coated, Add	17.54	
	For Aluminum Coated, Add	27.40	
	For Schedule 20, Deduct	-4.38	
	For Schedule 80, Add	10.75	
32 31 13 13-0109	Post Without Top Rail Fitting, Galvanized Steel, (8.625" Nominal) (32 31 13 13-0059)		
	Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0110	LF 8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	51.35	3.22
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	22.20	
32 31 13 13-0111	LF 8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	50.31	2.73
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	22.10	
32 31 13 13-0112	LF 8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	49.38	2.23
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	22.01	
32 31 13 13-0113	LF 8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	48.45	1.73
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	21.91	
32 31 13 13-0114	LF 8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	47.97	1.48
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	21.87	
32 31 13 13-0115	LF 8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	47.47	1.24
	For Each Top Rail Fitting, Add	7.50	
	For Each Single Barbed Wire Arm, Add	9.15	
	For Each Double Barbed Wire Arm, Add	18.95	
	For SS40 (Hot-Dip Galvanized And Chromated), Add	11.23	
	For Vinyl Coated, Add	26.95	
	For Powder Coated, Add	35.94	
	For Aluminum Coated, Add	56.15	
	For Schedule 20, Deduct	-8.98	
	For Schedule 80, Add	21.82	
32 31 13 13-0116	Driven Post Supports (32 31 13 13)		
	Note: OZ-Post.		
32 31 13 13-0117	Driven Post Support For Round Chain Link Fence Posts (32 31 13 13-0116)		
32 31 13 13-0118	EA 26" Driven Post Support For 1-5/8" Round Chain Link Fence Post.....	43.37	
	Note: OZ-Post GB-700.		
32 31 13 13-0119	EA 26" Driven Post Support For 1-7/8" Round Chain Link Fence Post.....	43.37	
	Note: OZ-Post HB-700.		
32 31 13 13-0120	EA 26" Driven Post Support For 2-3/8" Round Chain Link Fence Post.....	44.19	
	Note: OZ-Post IS-600.		
32 31 13 13-0121	EA 32" Driven Post Support For 2-3/8" Round Chain Link Fence Post.....	53.60	
	Note: OZ-Post ISW-850.		
32 31 13 13-0122	Driven Post Support For Square Ornamental Fence Posts (32 31 13 13-0116)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0123	EA		34" Driven Post Support For 1-3/4" Square Ornamental Fence Post Note: OZ-Post C175-850.	51.13	
32 31 13 13-0124	EA		24" Driven Post Support For 2" Square Ornamental Fence Post..... Note: OZ-Post I2-600.	49.90	
32 31 13 13-0125	EA		34" Driven Post Support For 2" Square Ornamental Fence Post..... Note: OZ-Post I2-850.	51.38	
32 31 13 13-0126	EA		34" Driven Post Support For 2-1/2" Square Ornamental Fence Post Note: OZ-Post I25-850.	53.60	
32 31 13 13-0127	EA		34" Driven Post Support For 3" Square Ornamental Fence Post..... Note: OZ-Post I3-850.	53.60	
32 31 13 13-0128			Driven Post Support For Wooden Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0129	EA		24" Driven Post Support For 3-1/2" Square Wooden Fence Post..... Note: OZ-Post T4-600.	47.76	
32 31 13 13-0130	EA		34" Driven Post Support For 3-1/2" Square Wooden Fence Post..... Note: OZ-Post T4-850.	52.36	
32 31 13 13-0131	EA		34" Driven Post Support For 3-3/4" Square Wooden Fence Post..... Note: OZ-Post C4-850.	55.24	
32 31 13 13-0132	EA		34" Driven Post Support For 4" Square Wooden Fence Post..... Note: OZ-Post P4-850.	55.25	
32 31 13 13-0133	EA		36" Driven Post Support For 4" x 6" Wooden Fence Post Note: OZ-Post T46-850.	60.59	
32 31 13 13-0134	EA		36" Driven Post Support For 6" Square Wooden Fence Post..... Note: OZ-Post T6-850.	64.37	
32 31 13 13-0135			Driven Post Support For Vinyl Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0136	EA		24" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-600.	47.76	
32 31 13 13-0137	EA		34" Driven Post Support For 3-1/2" Square Vinyl Fence Post Note: OZ-Post T4-850.	52.36	
32 31 13 13-0138	EA		34" Driven Post Support For 4" Square Vinyl Fence Post..... Note: OZ-Post P4-850.	55.25	
32 31 13 13-0139	EA		34" Driven Post Support For 5" Square Vinyl Fence Post..... Note: OZ-Post P4-850.	55.90	
32 31 13 13-0140			Chain Link Fence Assemblies <small>(32 31 13 13)</small>		
32 31 13 13-0141			Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts <small>(32 31 13 13-0140)</small> Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvedge), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0639 for barb wire attachments.		
32 31 13 13-0142			Galvanized <small>(32 31 13 13-0141)</small>		
32 31 13 13-0143	LF		3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	19.78	2.80
32 31 13 13-0144	LF		3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post..... <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	20.55	2.80

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	21.20	2.80
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.63	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.43	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.00	
			<i>For 6 Gauge Fabric, Add</i>	3.15	
			<i>For 1" Mesh Fabric, Add</i>	4.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.72	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.86	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.14	
			<i>For Posts 8' On Centers, Add</i>	1.20	
			<i>For Posts 5' On Centers, Add</i>	4.55	
			<i>For Up To 100, Add</i>	4.31	
			<i>For >100 To 250, Add</i>	1.63	
			<i>For >2,500 To 5,000, Deduct</i>	-0.81	
			<i>For >5,000, Deduct</i>	-1.63	
32 31	13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	22.77	2.80
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.72	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.84	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.25	
			<i>For 6 Gauge Fabric, Add</i>	3.53	
			<i>For 1" Mesh Fabric, Add</i>	4.81	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.96	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.28	
			<i>For Posts 8' On Centers, Add</i>	1.28	
			<i>For Posts 5' On Centers, Add</i>	4.86	
			<i>For Up To 100, Add</i>	4.59	
			<i>For >100 To 250, Add</i>	1.72	
			<i>For >2,500 To 5,000, Deduct</i>	-0.86	
			<i>For >5,000, Deduct</i>	-1.72	
32 31	13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	24.73	2.80
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.86	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.26	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.49	
			<i>For 6 Gauge Fabric, Add</i>	3.91	
			<i>For 1" Mesh Fabric, Add</i>	5.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.13	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.07	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.42	
			<i>For Posts 8' On Centers, Add</i>	1.39	
			<i>For Posts 5' On Centers, Add</i>	5.26	
			<i>For Up To 100, Add</i>	4.96	
			<i>For >100 To 250, Add</i>	1.86	
			<i>For >2,500 To 5,000, Deduct</i>	-0.93	
			<i>For >5,000, Deduct</i>	-1.86	
32 31	13 13-0148	LF	7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	25.88	4.21
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.94	
			<i>For 13 Gauge Fabric, Deduct</i>	-4.50	
			<i>For 11 Gauge Fabric, Deduct</i>	-2.63	
			<i>For 6 Gauge Fabric, Add</i>	4.13	
			<i>For 1" Mesh Fabric, Add</i>	5.63	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.25	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.13	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.50	
			<i>For Posts 8' On Centers, Add</i>	1.45	
			<i>For Posts 5' On Centers, Add</i>	5.50	
			<i>For Up To 100, Add</i>	5.18	
			<i>For >100 To 250, Add</i>	1.94	
			<i>For >2,500 To 5,000, Deduct</i>	-0.97	
			<i>For >5,000, Deduct</i>	-1.94	
32 31	13 13-0149	LF	8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	28.96	4.92
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.14	
			<i>For 13 Gauge Fabric, Deduct</i>	-5.28	
			<i>For 11 Gauge Fabric, Deduct</i>	-3.08	
			<i>For 6 Gauge Fabric, Add</i>	4.84	
			<i>For 1" Mesh Fabric, Add</i>	6.60	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.64	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.32	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.76	
			<i>For Posts 8' On Centers, Add</i>	1.61	
			<i>For Posts 5' On Centers, Add</i>	6.11	
			<i>For Up To 100, Add</i>	5.72	
			<i>For >100 To 250, Add</i>	2.14	
			<i>For >2,500 To 5,000, Deduct</i>	-1.07	
			<i>For >5,000, Deduct</i>	-2.14	

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 13-0150	LF	9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	30.96		6.31
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.27		
		<i>For 13 Gauge Fabric, Deduct</i>	-5.74		
		<i>For 11 Gauge Fabric, Deduct</i>	-3.35		
		<i>For 6 Gauge Fabric, Add</i>	5.27		
		<i>For 1" Mesh Fabric, Add</i>	7.19		
		<i>For 1-3/4" Mesh Fabric, Add</i>	2.87		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.44		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.92		
		<i>For Posts 8' On Centers, Add</i>	1.72		
		<i>For Posts 5' On Centers, Add</i>	6.51		
		<i>For Up To 100, Add</i>	6.09		
		<i>For >100 To 250, Add</i>	2.27		
		<i>For >2,500 To 5,000, Deduct</i>	-1.14		
		<i>For >5,000, Deduct</i>	-2.27		
32 31 13 13-0151	LF	10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	32.95		7.02
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.40		
		<i>For 13 Gauge Fabric, Deduct</i>	-6.21		
		<i>For 11 Gauge Fabric, Deduct</i>	-3.63		
		<i>For 6 Gauge Fabric, Add</i>	5.70		
		<i>For 1" Mesh Fabric, Add</i>	7.77		
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.11		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.55		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.07		
		<i>For Posts 8' On Centers, Add</i>	1.83		
		<i>For Posts 5' On Centers, Add</i>	6.91		
		<i>For Up To 100, Add</i>	6.45		
		<i>For >100 To 250, Add</i>	2.40		
		<i>For >2,500 To 5,000, Deduct</i>	-1.20		
		<i>For >5,000, Deduct</i>	-2.40		
32 31 13 13-0152		Vinyl Coated <small>(32 31 13 13-0141)</small>			
32 31 13 13-0153	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	22.08		2.80
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	1.61		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.67		
		<i>For 13 Gauge Fabric, Deduct</i>	-3.73		
		<i>For 11 Gauge Fabric, Deduct</i>	-2.18		
		<i>For 6 Gauge Fabric, Add</i>	3.43		
		<i>For 1" Mesh Fabric, Add</i>	4.67		
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.87		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.93		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.25		
		<i>For Posts 8' On Centers, Add</i>	1.24		
		<i>For Posts 5' On Centers, Add</i>	4.71		
		<i>For Up To 100, Add</i>	4.45		
		<i>For >100 To 250, Add</i>	1.67		
		<i>For >2,500 To 5,000, Deduct</i>	-0.84		
		<i>For >5,000, Deduct</i>	-1.67		
32 31 13 13-0154	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	23.87		2.80
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	1.82		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.78		
		<i>For 13 Gauge Fabric, Deduct</i>	-4.23		
		<i>For 11 Gauge Fabric, Deduct</i>	-2.47		
		<i>For 6 Gauge Fabric, Add</i>	3.88		
		<i>For 1" Mesh Fabric, Add</i>	5.29		
		<i>For 1-3/4" Mesh Fabric, Add</i>	2.12		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.06		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.41		
		<i>For Posts 8' On Centers, Add</i>	1.33		
		<i>For Posts 5' On Centers, Add</i>	5.06		
		<i>For Up To 100, Add</i>	4.75		
		<i>For >100 To 250, Add</i>	1.78		
		<i>For >2,500 To 5,000, Deduct</i>	-0.89		
		<i>For >5,000, Deduct</i>	-1.78		
32 31 13 13-0155	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	26.99		2.80
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.18		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	1.97		
		<i>For 13 Gauge Fabric, Deduct</i>	-5.05		
		<i>For 11 Gauge Fabric, Deduct</i>	-2.95		
		<i>For 6 Gauge Fabric, Add</i>	4.63		
		<i>For 1" Mesh Fabric, Add</i>	6.32		
		<i>For 1-3/4" Mesh Fabric, Add</i>	2.53		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.26		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.68		
		<i>For Posts 8' On Centers, Add</i>	1.50		
		<i>For Posts 5' On Centers, Add</i>	5.67		
		<i>For Up To 100, Add</i>	5.30		
		<i>For >100 To 250, Add</i>	1.97		
		<i>For >2,500 To 5,000, Deduct</i>	-0.99		
		<i>For >5,000, Deduct</i>	-1.97		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0156	LF	7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	28.50	4.21
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.34	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.07	
		<i>For 13 Gauge Fabric, Deduct</i>	-5.41	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.16	
		<i>For 6 Gauge Fabric, Add</i>	4.97	
		<i>For 1" Mesh Fabric, Add</i>	6.77	
		<i>For 1-3/4" Mesh Fabric, Add</i>	2.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.35	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.81	
		<i>For Posts 8' On Centers, Add</i>	1.58	
		<i>For Posts 5' On Centers, Add</i>	5.97	
		<i>For Up To 100, Add</i>	5.57	
		<i>For >100 To 250, Add</i>	2.07	
		<i>For >2,500 To 5,000, Deduct</i>	-1.04	
		<i>For >5,000, Deduct</i>	-2.07	
32 31 13 13-0157	LF	8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	32.01	4.92
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.73	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.29	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.33	
		<i>For 11 Gauge Fabric, Deduct</i>	-3.70	
		<i>For 6 Gauge Fabric, Add</i>	5.82	
		<i>For 1" Mesh Fabric, Add</i>	7.93	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.17	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.59	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.11	
		<i>For Posts 8' On Centers, Add</i>	1.77	
		<i>For Posts 5' On Centers, Add</i>	6.66	
		<i>For Up To 100, Add</i>	6.18	
		<i>For >100 To 250, Add</i>	2.29	
		<i>For >2,500 To 5,000, Deduct</i>	-1.14	
		<i>For >5,000, Deduct</i>	-2.29	
32 31 13 13-0158	LF	9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	34.23	6.31
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	2.97	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.43	
		<i>For 13 Gauge Fabric, Deduct</i>	-6.88	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.02	
		<i>For 6 Gauge Fabric, Add</i>	6.31	
		<i>For 1" Mesh Fabric, Add</i>	8.61	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.44	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.72	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.30	
		<i>For Posts 8' On Centers, Add</i>	1.88	
		<i>For Posts 5' On Centers, Add</i>	7.10	
		<i>For Up To 100, Add</i>	6.58	
		<i>For >100 To 250, Add</i>	2.43	
		<i>For >2,500 To 5,000, Deduct</i>	-1.22	
		<i>For >5,000, Deduct</i>	-2.43	
32 31 13 13-0159	LF	10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	36.44	7.02
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	3.20	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.58	
		<i>For 13 Gauge Fabric, Deduct</i>	-7.42	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.33	
		<i>For 6 Gauge Fabric, Add</i>	6.81	
		<i>For 1" Mesh Fabric, Add</i>	9.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>	3.71	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.86	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.48	
		<i>For Posts 8' On Centers, Add</i>	2.00	
		<i>For Posts 5' On Centers, Add</i>	7.54	
		<i>For Up To 100, Add</i>	6.98	
		<i>For >100 To 250, Add</i>	2.58	
		<i>For >2,500 To 5,000, Deduct</i>	-1.29	
		<i>For >5,000, Deduct</i>	-2.58	
32 31 13 13-0160		Rails <small>(32 31 13 13)</small>		
		Note: Includes rail end fittings.		
32 31 13 13-0161		SS-20 Chain Link Fence Rails <small>(32 31 13 13-0160)</small>		
		Note: Includes tie wires.		
32 31 13 13-0162	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	3.35	0.91
		<i>For SS15, Deduct</i>	-0.15	
		<i>For SS40, Add</i>	0.36	
32 31 13 13-0163	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	3.84	0.91
		<i>For SS40, Add</i>	0.19	
		<i>For Powder Coated, Add</i>	0.39	
		<i>For Aluminum Coated, Add</i>	0.78	
32 31 13 13-0164	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	3.99	1.04
		<i>For SS15, Deduct</i>	-0.19	
		<i>For SS40, Add</i>	0.48	
32 31 13 13-0165	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	4.64	1.04
		<i>For SS40, Add</i>	0.26	
		<i>For Powder Coated, Add</i>	0.52	
		<i>For Aluminum Coated, Add</i>	1.03	
32 31 13 13-0166	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	4.63	1.16
		<i>For SS40, Add</i>	0.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0167	LF		2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings.....	5.41	1.16
			For SS40, Add	0.31	
			For Powder Coated, Add	0.62	
			For Aluminum Coated, Add	1.24	
32 31 13 13-0168			Fabric <small>(32 31 13 13)</small>		
32 31 13 13-0169			Fabric, Galvanized Chain Link <small>(32 31 13 13-0168)</small>		
32 31 13 13-0170	LF		3' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	7.54	1.65
			For 2 Oz Galvanized Coating, Add	0.54	
			For 13 Gauge Fabric, Deduct	-0.98	
			For 11 Gauge Fabric, Deduct	-0.54	
			For 6 Gauge Fabric, Add	1.74	
			For 1" Mesh Fabric, Add	1.63	
			For 1-3/4" Mesh Fabric, Add	0.65	
			For 2-1/8" Mesh Fabric, Deduct	-0.33	
			For 2-3/8" Mesh Fabric, Deduct	-0.43	
32 31 13 13-0171	LF		3'-6" Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	8.31	1.85
			For 2 Oz Galvanized Coating, Add	0.63	
			For 13 Gauge Fabric, Deduct	-1.14	
			For 11 Gauge Fabric, Deduct	-0.63	
			For 6 Gauge Fabric, Add	2.02	
			For 1" Mesh Fabric, Add	1.90	
			For 1-3/4" Mesh Fabric, Add	0.76	
			For 2-1/8" Mesh Fabric, Deduct	-0.38	
			For 2-3/8" Mesh Fabric, Deduct	-0.51	
32 31 13 13-0172	LF		4' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	8.97	2.06
			For 2 Oz Galvanized Coating, Add	0.70	
			For 13 Gauge Fabric, Deduct	-1.25	
			For 11 Gauge Fabric, Deduct	-0.70	
			For 6 Gauge Fabric, Add	2.22	
			For 1" Mesh Fabric, Add	2.09	
			For 1-3/4" Mesh Fabric, Add	0.83	
			For 2-1/8" Mesh Fabric, Deduct	-0.42	
			For 2-3/8" Mesh Fabric, Deduct	-0.56	
32 31 13 13-0173	LF		5' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	10.07	2.48
			For 2 Oz Galvanized Coating, Add	0.87	
			For 13 Gauge Fabric, Deduct	-1.56	
			For 11 Gauge Fabric, Deduct	-0.87	
			For 6 Gauge Fabric, Add	2.77	
			For 1" Mesh Fabric, Add	2.60	
			For 1-3/4" Mesh Fabric, Add	1.04	
			For 2-1/8" Mesh Fabric, Deduct	-0.52	
			For 2-3/8" Mesh Fabric, Deduct	-0.69	
32 31 13 13-0174	LF		6' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	11.24	2.89
			For 2 Oz Galvanized Coating, Add	1.04	
			For 13 Gauge Fabric, Deduct	-1.87	
			For 11 Gauge Fabric, Deduct	-1.04	
			For 6 Gauge Fabric, Add	3.33	
			For 1" Mesh Fabric, Add	3.12	
			For 1-3/4" Mesh Fabric, Add	1.25	
			For 2-1/8" Mesh Fabric, Deduct	-0.62	
			For 2-3/8" Mesh Fabric, Deduct	-0.83	
32 31 13 13-0175	LF		7' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	12.47	3.30
			For 2 Oz Galvanized Coating, Add	1.21	
			For 13 Gauge Fabric, Deduct	-2.18	
			For 11 Gauge Fabric, Deduct	-1.21	
			For 6 Gauge Fabric, Add	3.88	
			For 1" Mesh Fabric, Add	3.64	
			For 1-3/4" Mesh Fabric, Add	1.46	
			For 2-1/8" Mesh Fabric, Deduct	-0.73	
			For 2-3/8" Mesh Fabric, Deduct	-0.97	
32 31 13 13-0176	LF		8' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	13.80	4.13
			For 2 Oz Galvanized Coating, Add	1.39	
			For 13 Gauge Fabric, Deduct	-2.49	
			For 11 Gauge Fabric, Deduct	-1.39	
			For 6 Gauge Fabric, Add	4.43	
			For 1" Mesh Fabric, Add	4.16	
			For 1-3/4" Mesh Fabric, Add	1.66	
			For 2-1/8" Mesh Fabric, Deduct	-0.83	
			For 2-3/8" Mesh Fabric, Deduct	-1.11	
32 31 13 13-0177	LF		10' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	16.32	4.54
			For 2 Oz Galvanized Coating, Add	1.80	
			For 13 Gauge Fabric, Deduct	-3.24	
			For 11 Gauge Fabric, Deduct	-1.80	
			For 6 Gauge Fabric, Add	5.76	
			For 1" Mesh Fabric, Add	5.40	
			For 1-3/4" Mesh Fabric, Add	2.16	
			For 2-1/8" Mesh Fabric, Deduct	-1.08	
			For 2-3/8" Mesh Fabric, Deduct	-1.44	
32 31 13 13-0178	LF		12' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	18.54	4.95
			For 2 Oz Galvanized Coating, Add	2.16	
			For 13 Gauge Fabric, Deduct	-3.88	
			For 11 Gauge Fabric, Deduct	-2.16	
			For 6 Gauge Fabric, Add	6.90	
			For 1" Mesh Fabric, Add	6.47	
			For 1-3/4" Mesh Fabric, Add	2.59	
			For 2-1/8" Mesh Fabric, Deduct	-1.29	
			For 2-3/8" Mesh Fabric, Deduct	-1.73	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0179	LF	14' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	20.83	5.78
		For 2 Oz Galvanized Coating, Add	2.32	
		For 13 Gauge Fabric, Deduct	-4.17	
		For 11 Gauge Fabric, Deduct	-2.32	
		For 6 Gauge Fabric, Add	7.42	
		For 1" Mesh Fabric, Add	6.95	
		For 1-3/4" Mesh Fabric, Add	2.78	
		For 2-1/8" Mesh Fabric, Deduct	-1.39	
		For 2-3/8" Mesh Fabric, Deduct	-1.85	
32 31 13 13-0180	LF	16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	23.12	6.61
		For 2 Oz Galvanized Coating, Add	2.48	
		For 13 Gauge Fabric, Deduct	-4.46	
		For 11 Gauge Fabric, Deduct	-2.48	
		For 6 Gauge Fabric, Add	7.93	
		For 1" Mesh Fabric, Add	7.43	
		For 1-3/4" Mesh Fabric, Add	2.97	
		For 2-1/8" Mesh Fabric, Deduct	-1.49	
		For 2-3/8" Mesh Fabric, Deduct	-1.98	
32 31 13 13-0181	SF	>16' Full Height Fabric Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	1.45	0.39
		For 2 Oz Galvanized Coating, Add	0.16	
		For 13 Gauge Fabric, Deduct	-0.28	
		For 11 Gauge Fabric, Deduct	-0.16	
		For 6 Gauge Fabric, Add	0.50	
		For 1" Mesh Fabric, Add	0.47	
		For 1-3/4" Mesh Fabric, Add	0.19	
		For 2-1/8" Mesh Fabric, Deduct	-0.09	
		For 2-3/8" Mesh Fabric, Deduct	-0.12	
32 31 13 13-0182		Fabric, Vinyl Coated Chain Link <small>(32 31 13 13-0168)</small>		
32 31 13 13-0183	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	9.85	1.65
		For 13 Gauge Fabric, Deduct	-1.65	
		For 11 Gauge Fabric, Deduct	-0.92	
		For 6 Gauge Fabric, Add	2.93	
		For 1" Mesh Fabric, Add	2.75	
		For 1-3/4" Mesh Fabric, Add	1.10	
		For 2-1/8" Mesh Fabric, Deduct	-0.55	
		For 2-3/8" Mesh Fabric, Deduct	-0.73	
		For Aluminum Coated, Add	1.46	
32 31 13 13-0184	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	11.18	2.48
		For 13 Gauge Fabric, Deduct	-2.06	
		For 11 Gauge Fabric, Deduct	-1.14	
		For 6 Gauge Fabric, Add	3.66	
		For 1" Mesh Fabric, Add	3.43	
		For 1-3/4" Mesh Fabric, Add	1.37	
		For 2-1/8" Mesh Fabric, Deduct	-0.69	
		For 2-3/8" Mesh Fabric, Deduct	-0.91	
		For Aluminum Coated, Add	1.83	
32 31 13 13-0185	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	13.49	2.89
		For 13 Gauge Fabric, Deduct	-2.88	
		For 11 Gauge Fabric, Deduct	-1.60	
		For 6 Gauge Fabric, Add	5.13	
		For 1" Mesh Fabric, Add	4.81	
		For 1-3/4" Mesh Fabric, Add	1.92	
		For 2-1/8" Mesh Fabric, Deduct	-0.96	
		For 2-3/8" Mesh Fabric, Deduct	-1.28	
		For Aluminum Coated, Add	2.56	
32 31 13 13-0186	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	15.08	3.30
		For 13 Gauge Fabric, Deduct	-3.36	
		For 11 Gauge Fabric, Deduct	-1.87	
		For 6 Gauge Fabric, Add	5.97	
		For 1" Mesh Fabric, Add	5.60	
		For 1-3/4" Mesh Fabric, Add	2.24	
		For 2-1/8" Mesh Fabric, Deduct	-1.12	
		For 2-3/8" Mesh Fabric, Deduct	-1.49	
		For Aluminum Coated, Add	2.98	
32 31 13 13-0187	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	16.85	4.13
		For 13 Gauge Fabric, Deduct	-3.87	
		For 11 Gauge Fabric, Deduct	-2.15	
		For 6 Gauge Fabric, Add	6.87	
		For 1" Mesh Fabric, Add	6.44	
		For 1-3/4" Mesh Fabric, Add	2.58	
		For 2-1/8" Mesh Fabric, Deduct	-1.29	
		For 2-3/8" Mesh Fabric, Deduct	-1.72	
		For Aluminum Coated, Add	3.44	
32 31 13 13-0188	LF	10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	19.82	4.54
		For 13 Gauge Fabric, Deduct	-4.82	
		For 11 Gauge Fabric, Deduct	-2.68	
		For 6 Gauge Fabric, Add	8.56	
		For 1" Mesh Fabric, Add	8.03	
		For 1-3/4" Mesh Fabric, Add	3.21	
		For 2-1/8" Mesh Fabric, Deduct	-1.61	
		For 2-3/8" Mesh Fabric, Deduct	-2.14	
		For Aluminum Coated, Add	4.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0189	LF	12'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	21.61 -5.27 -2.93 9.36 8.78 3.51 -1.76 -2.34 4.68	4.95
32 31 13 13-0190	LF	14'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	24.44 -5.80 -3.22 10.30 9.66 3.86 -1.93 -2.58 5.15	5.78
32 31 13 13-0191	LF	16'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	27.32 -6.35 -3.53 11.29 10.58 4.23 -2.12 -2.82 5.64	6.61
32 31 13 13-0192	SF	>16'	Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Aluminum Coated, Add</i>	1.71 -0.40 -0.22 0.70 0.66 0.26 -0.13 -0.18 0.35	0.39
32 31 13 13-0193	Fabric, Aluminized Steel Chain Link (32 31 13 13-0168)				
32 31 13 13-0194	LF	3'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	7.45 1.66 2.18	1.65
32 31 13 13-0195	LF	3'-6"	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	8.20 1.94 2.54	1.85
32 31 13 13-0196	LF	4'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	8.96 2.22 2.91	2.06
32 31 13 13-0197	LF	5'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	10.07 2.77 3.63	2.48
32 31 13 13-0198	LF	6'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	11.21 3.30 4.34	2.89
32 31 13 13-0199	LF	7'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.45 3.86 5.07	3.30
32 31 13 13-0200	LF	8'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.78 4.42 5.80	4.13
32 31 13 13-0201	LF	10'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.02 5.52 7.25	4.54
32 31 13 13-0202	LF	12'	Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	18.19 6.62 8.69	4.95
32 31 13 13-0203	Fabric, All Aluminum Chain Link (32 31 13 13-0168)				
32 31 13 13-0204	LF	3'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	10.81 4.35 5.71	1.65
32 31 13 13-0205	LF	3'-6"	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.12 5.07 6.66	1.85
32 31 13 13-0206	LF	4'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.44 5.80 7.61	2.06
32 31 13 13-0207	LF	5'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	15.67 7.25 9.51	2.48
32 31 13 13-0208	LF	6'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	17.96 8.70 11.42	2.89
32 31 13 13-0209	LF	7'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	20.31 10.15 13.32	3.30
32 31 13 13-0210	LF	8'	Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	22.76 11.60 15.23	4.13

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0211	LF 10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.24 14.50 19.03	4.54
32 31 13 13-0212	LF 12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	31.66 17.40 22.84	4.95
32 31 13 13-0213	Fence Inserts <small>(32 31 13 13-0168)</small> Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0214	Vinyl Plastic Fence Inserts <small>(32 31 13 13-0213)</small> Note: Assorted colors.		
32 31 13 13-0215	LF 3' High Fence, Vinyl Plastic Fence Insert.....	5.63	
32 31 13 13-0216	LF 3-1/2' High Fence, Vinyl Plastic Fence Insert.....	6.48	
32 31 13 13-0217	LF 4' High Fence, Vinyl Plastic Fence Insert.....	7.15	
32 31 13 13-0218	LF 5' High Fence, Vinyl Plastic Fence Insert.....	8.96	
32 31 13 13-0219	LF 6' High Fence, Vinyl Plastic Fence Insert.....	10.74	
32 31 13 13-0220	LF 7' High Fence, Vinyl Plastic Fence Insert.....	12.54	
32 31 13 13-0221	LF 8' High Fence, Vinyl Plastic Fence Insert.....	14.30	
32 31 13 13-0222	LF 10' High Fence, Vinyl Plastic Fence Insert.....	16.76	
32 31 13 13-0223	Aluminum Fence Inserts <small>(32 31 13 13-0213)</small> Note: Assorted colors.		
32 31 13 13-0224	LF 3' High Fence, Aluminum Fence Insert.....	12.03	
32 31 13 13-0225	LF 3-1/2' High Fence, Aluminum Fence Insert.....	13.33	
32 31 13 13-0226	LF 4' High Fence, Aluminum Fence Insert.....	15.66	
32 31 13 13-0227	LF 5' High Fence, Aluminum Fence Insert.....	19.62	
32 31 13 13-0228	LF 6' High Fence, Aluminum Fence Insert.....	23.53	
32 31 13 13-0229	LF 7' High Fence, Aluminum Fence Insert.....	26.18	
32 31 13 13-0230	LF 8' High Fence, Aluminum Fence Insert.....	31.37	
32 31 13 13-0231	LF 10' High Fence, Aluminum Fence Insert.....	38.16	
32 31 13 13-0232	Redwood Fence Inserts <small>(32 31 13 13-0213)</small>		
32 31 13 13-0233	LF 4' High Fence, Redwood Fence Insert.....	10.68	
32 31 13 13-0234	LF 5' High Fence, Redwood Fence Insert.....	13.52	
32 31 13 13-0235	LF 6' High Fence, Redwood Fence Insert.....	16.24	
32 31 13 13-0236	LF 7' High Fence, Redwood Fence Insert.....	18.91	
32 31 13 13-0237	LF 8' High Fence, Redwood Fence Insert.....	21.63	
32 31 13 13-0238	Diagonal Flexible Polyethylene Inserts <small>(32 31 13 13-0213)</small>		
32 31 13 13-0239	SF Diagonal Polyethylene Fence Weave	2.41	
32 31 13 13-0240	Hedge Link Fence Inserts <small>(32 31 13 13-0213)</small>		
32 31 13 13-0241	LF 3' High Fence, Hedge Link Fence Insert.....	12.15	
32 31 13 13-0242	LF 3-1/2' High Fence, Hedge Link Fence Insert.....	13.83	
32 31 13 13-0243	LF 4' High Fence, Hedge Link Fence Insert.....	16.40	
32 31 13 13-0244	LF 5' High Fence, Hedge Link Fence Insert.....	20.28	
32 31 13 13-0245	LF 6' High Fence, Hedge Link Fence Insert.....	23.37	
32 31 13 13-0246	LF 7' High Fence, Hedge Link Fence Insert.....	29.16	
32 31 13 13-0247	LF 8' High Fence, Hedge Link Fence Insert.....	33.14	
32 31 13 13-0248	LF 10' High Fence, Hedge Link Fence Insert.....	39.41	
32 31 13 13-0249	Fence Windscreen Fabric <small>(32 31 13 13-0168)</small> Note: Includes plastic wire clips.		
32 31 13 13-0250	SF Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY..... <i>For Sewn Boxed Vent (Each), Add</i> <i>For Welded Boxed Vent (Each), Add</i> <i>For 4' x 4' One Color Logo (Each), Add</i>	1.81 14.03 7.02 292.32	
32 31 13 13-0251	Non-Climbable Fabric, Galvanized Chain Link <small>(32 31 13 13-0168)</small>		
32 31 13 13-0252	LF 3' Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	17.78 -2.48 -0.99 1.49 3.47 -0.62 -1.37 -1.99	1.65
32 31 13 13-0253	LF 3-6" Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	20.26 -2.90 -1.16 1.74 4.05 -0.72 -1.59 -2.32	1.85

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0254	LF	4'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	22.75 -3.31 -1.32 1.99 4.64 -0.83 -1.82 -2.65	2.06
32 31 13 13-0255	LF	5'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	27.30 -4.14 -1.66 2.48 5.79 -1.03 -2.28 -3.31	2.48
32 31 13 13-0256	LF	6'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	31.90 -4.96 -1.99 2.98 6.95 -1.24 -2.73 -3.97	2.89
32 31 13 13-0257	LF	7'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	36.58 -5.79 -2.32 3.48 8.11 -1.45 -3.19 -4.63	3.30
32 31 13 13-0258	LF	8'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	41.36 -6.62 -2.65 3.97 9.27 -1.66 -3.64 -5.30	4.13
32 31 13 13-0259	LF	9'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	45.52 -7.37 -2.95 4.42 10.32 -1.84 -4.05 -5.90	4.34
32 31 13 13-0260	LF	10'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	49.71 -8.12 -3.25 4.87 11.37 -2.03 -4.46 -6.49	4.54
32 31 13 13-0261	LF	12'	Non-Climbable Fabric Chain Link #9 Gauge, 3/8" Mesh..... <i>For 11 Gauge, Deduct</i> <i>For 10 Gauge, Deduct</i> <i>For 7 Gauge, Add</i> <i>For 6 Gauge, Add</i> <i>For 1/2" Mesh Fabric, Deduct</i> <i>For 5/8" Mesh Fabric, Deduct</i> <i>For 3/4" Mesh Fabric, Deduct</i>	53.91 -8.80 -3.52 5.28 12.32 -2.20 -4.84 -7.04	4.95
32 31 13 13-0262	Gates <small>(32 31 13 13)</small> Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 79 00 00-0001 for padlocks, 08 79 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.				
32 31 13 13-0263	Galvanized Steel Without Barbed Wire <small>(32 31 13 13-0262)</small> Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.				
32 31 13 13-0264	4' Fence Height <small>(32 31 13 13-0263)</small>				
32 31 13 13-0265	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire		163.88	18.44
		<i>For Gate With Single Barb Wire Arm, Add</i>		11.69	
		<i>For Gate With Double Barb Wire Arm, Add</i>		17.00	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-19.93	
		<i>For Aluminized Steel Gate And Post, Add</i>		51.01	
		<i>For Powder Coated Gate And Post, Add</i>		27.63	
32 31 13 13-0266	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire		199.31	19.20
		<i>For Gate With Single Barb Wire Arm, Add</i>		15.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>		22.67	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>		-26.57	
		<i>For Aluminized Steel Gate And Post, Add</i>		68.02	
		<i>For Powder Coated Gate And Post, Add</i>		36.84	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0267	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	232.54	20.43
		<i>For Gate With Single Barb Wire Arm, Add</i>	18.82	
		<i>For Gate With Double Barb Wire Arm, Add</i>	27.37	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-32.08	
		<i>For Aluminized Steel Gate And Post, Add</i>	82.12	
		<i>For Powder Coated Gate And Post, Add</i>	44.48	
32 31 13 13-0268	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	274.21	24.57
		<i>For Gate With Single Barb Wire Arm, Add</i>	22.05	
		<i>For Gate With Double Barb Wire Arm, Add</i>	32.08	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-37.59	
		<i>For Aluminized Steel Gate And Post, Add</i>	96.23	
		<i>For Powder Coated Gate And Post, Add</i>	52.12	
32 31 13 13-0269	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	315.88	28.65
		<i>For Gate With Single Barb Wire Arm, Add</i>	25.28	
		<i>For Gate With Double Barb Wire Arm, Add</i>	36.78	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.10	
		<i>For Aluminized Steel Gate And Post, Add</i>	110.33	
		<i>For Powder Coated Gate And Post, Add</i>	59.76	
32 31 13 13-0270	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	358.75	32.72
		<i>For Gate With Single Barb Wire Arm, Add</i>	28.65	
		<i>For Gate With Double Barb Wire Arm, Add</i>	41.67	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-48.83	
		<i>For Aluminized Steel Gate And Post, Add</i>	125.01	
		<i>For Powder Coated Gate And Post, Add</i>	67.71	
32 31 13 13-0271	EA	9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	400.42	36.86
		<i>For Gate With Single Barb Wire Arm, Add</i>	31.88	
		<i>For Gate With Double Barb Wire Arm, Add</i>	46.37	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-54.34	
		<i>For Aluminized Steel Gate And Post, Add</i>	139.11	
		<i>For Powder Coated Gate And Post, Add</i>	75.35	
32 31 13 13-0272	EA	10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	442.60	40.94
		<i>For Gate With Single Barb Wire Arm, Add</i>	35.17	
		<i>For Gate With Double Barb Wire Arm, Add</i>	51.16	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-59.95	
		<i>For Aluminized Steel Gate And Post, Add</i>	153.47	
		<i>For Powder Coated Gate And Post, Add</i>	83.13	
32 31 13 13-0273	EA	10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	548.02	40.94
		<i>For Gate With Single Barb Wire Arm, Add</i>	46.77	
		<i>For Gate With Double Barb Wire Arm, Add</i>	68.02	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-79.71	
		<i>For Aluminized Steel Gate And Post, Add</i>	204.07	
		<i>For Powder Coated Gate And Post, Add</i>	110.54	
32 31 13 13-0274	EA	12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	641.83	43.86
		<i>For Gate With Single Barb Wire Arm, Add</i>	56.12	
		<i>For Gate With Double Barb Wire Arm, Add</i>	81.63	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-95.66	
		<i>For Aluminized Steel Gate And Post, Add</i>	244.88	
		<i>For Powder Coated Gate And Post, Add</i>	132.64	
32 31 13 13-0275	EA	14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	736.98	47.24
		<i>For Gate With Single Barb Wire Arm, Add</i>	65.47	
		<i>For Gate With Double Barb Wire Arm, Add</i>	95.23	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-111.60	
		<i>For Aluminized Steel Gate And Post, Add</i>	285.69	
		<i>For Powder Coated Gate And Post, Add</i>	154.75	
32 31 13 13-0276	EA	16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	833.83	51.15
		<i>For Gate With Single Barb Wire Arm, Add</i>	74.82	
		<i>For Gate With Double Barb Wire Arm, Add</i>	108.84	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-127.54	
		<i>For Aluminized Steel Gate And Post, Add</i>	326.51	
		<i>For Powder Coated Gate And Post, Add</i>	176.86	
32 31 13 13-0277	EA	18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	946.23	60.23
		<i>For Gate With Single Barb Wire Arm, Add</i>	84.18	
		<i>For Gate With Double Barb Wire Arm, Add</i>	122.44	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-143.48	
		<i>For Aluminized Steel Gate And Post, Add</i>	367.32	
		<i>For Powder Coated Gate And Post, Add</i>	198.97	
32 31 13 13-0278	EA	20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,044.18	64.56
		<i>For Gate With Single Barb Wire Arm, Add</i>	93.53	
		<i>For Gate With Double Barb Wire Arm, Add</i>	136.04	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-159.43	
		<i>For Aluminized Steel Gate And Post, Add</i>	408.13	
		<i>For Powder Coated Gate And Post, Add</i>	221.07	
32 31 13 13-0279	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,142.05	69.56
		<i>For Gate With Single Barb Wire Arm, Add</i>	102.66	
		<i>For Gate With Double Barb Wire Arm, Add</i>	149.32	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-174.98	
		<i>For Aluminized Steel Gate And Post, Add</i>	447.95	
		<i>For Powder Coated Gate And Post, Add</i>	242.64	
32 31 13 13-0280	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,242.40	75.33
		<i>For Gate With Single Barb Wire Arm, Add</i>	111.78	
		<i>For Gate With Double Barb Wire Arm, Add</i>	162.59	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-190.53	
		<i>For Aluminized Steel Gate And Post, Add</i>	487.77	
		<i>For Powder Coated Gate And Post, Add</i>	264.21	
32 31 13 13-0281	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,345.93	82.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	120.91	
		<i>For Gate With Double Barb Wire Arm, Add</i>	175.86	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-206.09	
		<i>For Aluminized Steel Gate And Post, Add</i>	527.59	
		<i>For Powder Coated Gate And Post, Add</i>	285.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0282	EA		28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,422.45	90.43
			<i>For Gate With Single Barb Wire Arm, Add</i>	126.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	184.16	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-215.81	
			<i>For Aluminized Steel Gate And Post, Add</i>	552.47	
			<i>For Powder Coated Gate And Post, Add</i>	299.25	
32 31 13 13-0283	EA		30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,577.05	100.44
			<i>For Gate With Single Barb Wire Arm, Add</i>	140.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	204.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-239.14	
			<i>For Aluminized Steel Gate And Post, Add</i>	612.20	
			<i>For Powder Coated Gate And Post, Add</i>	331.61	
32 31 13 13-0284			5' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0285	EA		3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	192.79	20.43
			<i>For Gate With Single Barb Wire Arm, Add</i>	14.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	21.01	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-24.63	
			<i>For Aluminized Steel Gate And Post, Add</i>	63.04	
			<i>For Powder Coated Gate And Post, Add</i>	34.15	
32 31 13 13-0286	EA		4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	236.00	20.43
			<i>For Gate With Single Barb Wire Arm, Add</i>	19.20	
			<i>For Gate With Double Barb Wire Arm, Add</i>	27.93	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-32.73	
			<i>For Aluminized Steel Gate And Post, Add</i>	83.78	
			<i>For Powder Coated Gate And Post, Add</i>	45.38	
32 31 13 13-0287	EA		5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	272.67	21.73
			<i>For Gate With Single Barb Wire Arm, Add</i>	22.81	
			<i>For Gate With Double Barb Wire Arm, Add</i>	33.18	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-38.88	
			<i>For Aluminized Steel Gate And Post, Add</i>	99.54	
			<i>For Powder Coated Gate And Post, Add</i>	53.92	
32 31 13 13-0288	EA		6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	320.30	26.11
			<i>For Gate With Single Barb Wire Arm, Add</i>	26.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	38.71	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-45.37	
			<i>For Aluminized Steel Gate And Post, Add</i>	116.14	
			<i>For Powder Coated Gate And Post, Add</i>	62.91	
32 31 13 13-0289	EA		7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	364.46	30.42
			<i>For Gate With Single Barb Wire Arm, Add</i>	30.04	
			<i>For Gate With Double Barb Wire Arm, Add</i>	43.69	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-51.20	
			<i>For Aluminized Steel Gate And Post, Add</i>	131.07	
			<i>For Powder Coated Gate And Post, Add</i>	71.00	
32 31 13 13-0290	EA		8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	412.85	35.03
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	49.22	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-57.68	
			<i>For Aluminized Steel Gate And Post, Add</i>	147.66	
			<i>For Powder Coated Gate And Post, Add</i>	79.98	
32 31 13 13-0291	EA		9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	458.73	39.40
			<i>For Gate With Single Barb Wire Arm, Add</i>	37.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	54.47	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-63.84	
			<i>For Aluminized Steel Gate And Post, Add</i>	163.42	
			<i>For Powder Coated Gate And Post, Add</i>	88.52	
32 31 13 13-0292	EA		10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	504.63	43.70
			<i>For Gate With Single Barb Wire Arm, Add</i>	41.06	
			<i>For Gate With Double Barb Wire Arm, Add</i>	59.73	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-69.99	
			<i>For Aluminized Steel Gate And Post, Add</i>	179.18	
			<i>For Powder Coated Gate And Post, Add</i>	97.06	
32 31 13 13-0293	EA		10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	658.43	43.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	57.94	
			<i>For Gate With Double Barb Wire Arm, Add</i>	84.28	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-98.77	
			<i>For Aluminized Steel Gate And Post, Add</i>	252.84	
			<i>For Powder Coated Gate And Post, Add</i>	136.96	
32 31 13 13-0294	EA		12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	774.31	47.24
			<i>For Gate With Single Barb Wire Arm, Add</i>	69.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	101.20	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-118.60	
			<i>For Aluminized Steel Gate And Post, Add</i>	303.61	
			<i>For Powder Coated Gate And Post, Add</i>	164.46	
32 31 13 13-0295	EA		14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	891.90	51.15
			<i>For Gate With Single Barb Wire Arm, Add</i>	81.21	
			<i>For Gate With Double Barb Wire Arm, Add</i>	118.13	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-138.43	
			<i>For Aluminized Steel Gate And Post, Add</i>	354.38	
			<i>For Powder Coated Gate And Post, Add</i>	191.96	
32 31 13 13-0296	EA		16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,025.03	60.23
			<i>For Gate With Single Barb Wire Arm, Add</i>	92.85	
			<i>For Gate With Double Barb Wire Arm, Add</i>	135.05	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-158.26	
			<i>For Aluminized Steel Gate And Post, Add</i>	405.14	
			<i>For Powder Coated Gate And Post, Add</i>	219.45	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0297	EA	18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,141.65	64.56
		<i>For Gate With Single Barb Wire Arm, Add</i>	104.25	
		<i>For Gate With Double Barb Wire Arm, Add</i>	151.64	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-177.70	
		<i>For Aluminized Steel Gate And Post, Add</i>	454.92	
		<i>For Powder Coated Gate And Post, Add</i>	246.41	
32 31 13 13-0298	EA	20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,264.40	69.56
		<i>For Gate With Single Barb Wire Arm, Add</i>	116.11	
		<i>For Gate With Double Barb Wire Arm, Add</i>	168.89	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-197.92	
		<i>For Aluminized Steel Gate And Post, Add</i>	506.68	
		<i>For Powder Coated Gate And Post, Add</i>	274.45	
32 31 13 13-0299	EA	22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,387.57	75.33
		<i>For Gate With Single Barb Wire Arm, Add</i>	127.75	
		<i>For Gate With Double Barb Wire Arm, Add</i>	185.82	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-217.75	
		<i>For Aluminized Steel Gate And Post, Add</i>	557.45	
		<i>For Powder Coated Gate And Post, Add</i>	301.95	
32 31 13 13-0300	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,511.83	82.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	139.15	
		<i>For Gate With Double Barb Wire Arm, Add</i>	202.41	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-237.20	
		<i>For Aluminized Steel Gate And Post, Add</i>	607.22	
		<i>For Powder Coated Gate And Post, Add</i>	328.91	
32 31 13 13-0301	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,644.35	90.43
		<i>For Gate With Single Barb Wire Arm, Add</i>	151.02	
		<i>For Gate With Double Barb Wire Arm, Add</i>	219.66	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-257.42	
		<i>For Aluminized Steel Gate And Post, Add</i>	658.98	
		<i>For Powder Coated Gate And Post, Add</i>	356.95	
32 31 13 13-0302	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,778.98	100.44
		<i>For Gate With Single Barb Wire Arm, Add</i>	162.51	
		<i>For Gate With Double Barb Wire Arm, Add</i>	236.37	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-277.00	
		<i>For Aluminized Steel Gate And Post, Add</i>	709.12	
		<i>For Powder Coated Gate And Post, Add</i>	384.11	
32 31 13 13-0303	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	1,919.61	113.00
		<i>For Gate With Single Barb Wire Arm, Add</i>	173.83	
		<i>For Gate With Double Barb Wire Arm, Add</i>	252.84	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-296.30	
		<i>For Aluminized Steel Gate And Post, Add</i>	758.53	
		<i>For Powder Coated Gate And Post, Add</i>	410.87	
32 31 13 13-0304		6' Fence Height (32 31 13 13-0263)		
32 31 13 13-0305	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	206.68	21.88
		<i>For Gate With Single Barb Wire Arm, Add</i>	15.49	
		<i>For Gate With Double Barb Wire Arm, Add</i>	22.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-26.41	
		<i>For Aluminized Steel Gate And Post, Add</i>	67.61	
		<i>For Powder Coated Gate And Post, Add</i>	36.62	
32 31 13 13-0306	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	253.34	21.88
		<i>For Gate With Single Barb Wire Arm, Add</i>	20.63	
		<i>For Gate With Double Barb Wire Arm, Add</i>	30.00	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-35.16	
		<i>For Aluminized Steel Gate And Post, Add</i>	90.00	
		<i>For Powder Coated Gate And Post, Add</i>	48.75	
32 31 13 13-0307	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	293.10	23.27
		<i>For Gate With Single Barb Wire Arm, Add</i>	24.55	
		<i>For Gate With Double Barb Wire Arm, Add</i>	35.71	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-41.85	
		<i>For Aluminized Steel Gate And Post, Add</i>	107.14	
		<i>For Powder Coated Gate And Post, Add</i>	58.03	
32 31 13 13-0308	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	341.98	28.11
		<i>For Gate With Single Barb Wire Arm, Add</i>	28.33	
		<i>For Gate With Double Barb Wire Arm, Add</i>	41.20	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-48.28	
		<i>For Aluminized Steel Gate And Post, Add</i>	123.60	
		<i>For Powder Coated Gate And Post, Add</i>	66.95	
32 31 13 13-0309	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	392.87	33.03
		<i>For Gate With Single Barb Wire Arm, Add</i>	32.32	
		<i>For Gate With Double Barb Wire Arm, Add</i>	47.01	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-55.09	
		<i>For Aluminized Steel Gate And Post, Add</i>	141.02	
		<i>For Powder Coated Gate And Post, Add</i>	76.39	
32 31 13 13-0310	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	441.26	37.63
		<i>For Gate With Single Barb Wire Arm, Add</i>	36.12	
		<i>For Gate With Double Barb Wire Arm, Add</i>	52.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.57	
		<i>For Aluminized Steel Gate And Post, Add</i>	157.61	
		<i>For Powder Coated Gate And Post, Add</i>	85.37	
32 31 13 13-0311	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	490.41	42.47
		<i>For Gate With Single Barb Wire Arm, Add</i>	39.92	
		<i>For Gate With Double Barb Wire Arm, Add</i>	58.07	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.05	
		<i>For Aluminized Steel Gate And Post, Add</i>	174.20	
		<i>For Powder Coated Gate And Post, Add</i>	94.36	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0312	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	524.01	47.31
		For Gate With Single Barb Wire Arm, Add	42.01	
		For Gate With Double Barb Wire Arm, Add	61.11	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.61	
		For Aluminized Steel Gate And Post, Add	183.33	
		For Powder Coated Gate And Post, Add	99.30	
32 31 13 13-0313	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	703.80	47.24
		For Gate With Single Barb Wire Arm, Add	61.82	
		For Gate With Double Barb Wire Arm, Add	89.92	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-105.38	
		For Aluminized Steel Gate And Post, Add	269.76	
		For Powder Coated Gate And Post, Add	146.12	
32 31 13 13-0314	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	827.61	51.15
		For Gate With Single Barb Wire Arm, Add	74.14	
		For Gate With Double Barb Wire Arm, Add	107.84	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-126.38	
		For Aluminized Steel Gate And Post, Add	323.52	
		For Powder Coated Gate And Post, Add	175.24	
32 31 13 13-0315	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	981.97	64.56
		For Gate With Single Barb Wire Arm, Add	86.69	
		For Gate With Double Barb Wire Arm, Add	126.09	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-147.76	
		For Aluminized Steel Gate And Post, Add	378.27	
		For Powder Coated Gate And Post, Add	204.90	
32 31 13 13-0316	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,108.87	69.56
		For Gate With Single Barb Wire Arm, Add	99.01	
		For Gate With Double Barb Wire Arm, Add	144.01	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-168.76	
		For Aluminized Steel Gate And Post, Add	432.02	
		For Powder Coated Gate And Post, Add	234.01	
32 31 13 13-0317	EA	18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,240.33	75.33
		For Gate With Single Barb Wire Arm, Add	111.55	
		For Gate With Double Barb Wire Arm, Add	162.26	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-190.15	
		For Aluminized Steel Gate And Post, Add	486.77	
		For Powder Coated Gate And Post, Add	263.67	
32 31 13 13-0318	EA	20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,374.96	82.21
		For Gate With Single Barb Wire Arm, Add	124.10	
		For Gate With Double Barb Wire Arm, Add	180.51	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-211.53	
		For Aluminized Steel Gate And Post, Add	541.52	
		For Powder Coated Gate And Post, Add	293.32	
32 31 13 13-0319	EA	22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,511.63	90.43
		For Gate With Single Barb Wire Arm, Add	136.42	
		For Gate With Double Barb Wire Arm, Add	198.43	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-232.53	
		For Aluminized Steel Gate And Post, Add	595.28	
		For Powder Coated Gate And Post, Add	322.44	
32 31 13 13-0320	EA	24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,654.82	100.44
		For Gate With Single Barb Wire Arm, Add	148.85	
		For Gate With Double Barb Wire Arm, Add	216.51	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-253.72	
		For Aluminized Steel Gate And Post, Add	649.53	
		For Powder Coated Gate And Post, Add	351.83	
32 31 13 13-0321	EA	26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,804.30	113.00
		For Gate With Single Barb Wire Arm, Add	161.15	
		For Gate With Double Barb Wire Arm, Add	234.39	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-274.68	
		For Aluminized Steel Gate And Post, Add	703.18	
		For Powder Coated Gate And Post, Add	380.89	
32 31 13 13-0322	EA	28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,966.00	129.12
		For Gate With Single Barb Wire Arm, Add	173.60	
		For Gate With Double Barb Wire Arm, Add	252.51	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-295.91	
		For Aluminized Steel Gate And Post, Add	757.53	
		For Powder Coated Gate And Post, Add	410.33	
32 31 13 13-0323	EA	30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,144.08	150.66
		For Gate With Single Barb Wire Arm, Add	186.08	
		For Gate With Double Barb Wire Arm, Add	270.66	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-317.18	
		For Aluminized Steel Gate And Post, Add	811.98	
		For Powder Coated Gate And Post, Add	439.82	
32 31 13 13-0324		7' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0325	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	217.80	23.58
		For Gate With Single Barb Wire Arm, Add	16.16	
		For Gate With Double Barb Wire Arm, Add	23.50	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.54	
		For Aluminized Steel Gate And Post, Add	70.51	
		For Powder Coated Gate And Post, Add	38.19	
32 31 13 13-0326	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	266.19	23.58
		For Gate With Single Barb Wire Arm, Add	21.48	
		For Gate With Double Barb Wire Arm, Add	31.25	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.62	
		For Aluminized Steel Gate And Post, Add	93.74	
		For Powder Coated Gate And Post, Add	50.78	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0327	EA	5'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	308.98	24.81
			<i>For Gate With Single Barb Wire Arm, Add</i>	25.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	37.52	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.97	
			<i>For Aluminized Steel Gate And Post, Add</i>	112.55	
			<i>For Powder Coated Gate And Post, Add</i>	60.96	
32 31 13 13-0328	EA	6'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	378.34	30.19
			<i>For Gate With Single Barb Wire Arm, Add</i>	31.65	
			<i>For Gate With Double Barb Wire Arm, Add</i>	46.03	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-53.95	
			<i>For Aluminized Steel Gate And Post, Add</i>	138.10	
			<i>For Powder Coated Gate And Post, Add</i>	74.80	
32 31 13 13-0329	EA	7'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	446.94	35.33
			<i>For Gate With Single Barb Wire Arm, Add</i>	37.51	
			<i>For Gate With Double Barb Wire Arm, Add</i>	54.55	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-63.93	
			<i>For Aluminized Steel Gate And Post, Add</i>	163.66	
			<i>For Powder Coated Gate And Post, Add</i>	88.65	
32 31 13 13-0330	EA	8'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	516.30	40.63
			<i>For Gate With Single Barb Wire Arm, Add</i>	43.36	
			<i>For Gate With Double Barb Wire Arm, Add</i>	63.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-73.91	
			<i>For Aluminized Steel Gate And Post, Add</i>	189.21	
			<i>For Powder Coated Gate And Post, Add</i>	102.49	
32 31 13 13-0331	EA	9'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	584.91	45.78
			<i>For Gate With Single Barb Wire Arm, Add</i>	49.22	
			<i>For Gate With Double Barb Wire Arm, Add</i>	71.59	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-83.89	
			<i>For Aluminized Steel Gate And Post, Add</i>	214.77	
			<i>For Powder Coated Gate And Post, Add</i>	116.33	
32 31 13 13-0332	EA	10'	Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire.....	644.68	51.15
			<i>For Gate With Single Barb Wire Arm, Add</i>	54.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	78.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-92.08	
			<i>For Aluminized Steel Gate And Post, Add</i>	235.71	
			<i>For Powder Coated Gate And Post, Add</i>	127.68	
32 31 13 13-0333	EA	10'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	798.20	51.15
			<i>For Gate With Single Barb Wire Arm, Add</i>	70.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	103.13	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-120.86	
			<i>For Aluminized Steel Gate And Post, Add</i>	309.40	
			<i>For Powder Coated Gate And Post, Add</i>	167.59	
32 31 13 13-0334	EA	12'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	910.64	64.56
			<i>For Gate With Single Barb Wire Arm, Add</i>	78.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	114.68	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-134.39	
			<i>For Aluminized Steel Gate And Post, Add</i>	344.03	
			<i>For Powder Coated Gate And Post, Add</i>	186.35	
32 31 13 13-0335	EA	14'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,045.01	69.56
			<i>For Gate With Single Barb Wire Arm, Add</i>	91.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	133.79	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-156.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	401.37	
			<i>For Powder Coated Gate And Post, Add</i>	217.41	
32 31 13 13-0336	EA	16'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,171.89	75.33
			<i>For Gate With Single Barb Wire Arm, Add</i>	104.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	151.31	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-177.31	
			<i>For Aluminized Steel Gate And Post, Add</i>	453.92	
			<i>For Powder Coated Gate And Post, Add</i>	245.87	
32 31 13 13-0337	EA	18'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,312.74	82.21
			<i>For Gate With Single Barb Wire Arm, Add</i>	117.25	
			<i>For Gate With Double Barb Wire Arm, Add</i>	170.55	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-199.87	
			<i>For Aluminized Steel Gate And Post, Add</i>	511.66	
			<i>For Powder Coated Gate And Post, Add</i>	277.15	
32 31 13 13-0338	EA	20'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,455.63	90.43
			<i>For Gate With Single Barb Wire Arm, Add</i>	130.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	189.47	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-222.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	568.40	
			<i>For Powder Coated Gate And Post, Add</i>	307.88	
32 31 13 13-0339	EA	22'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,604.01	100.44
			<i>For Gate With Single Barb Wire Arm, Add</i>	143.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	208.38	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-244.19	
			<i>For Aluminized Steel Gate And Post, Add</i>	625.14	
			<i>For Powder Coated Gate And Post, Add</i>	338.62	
32 31 13 13-0340	EA	24'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,759.92	113.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	156.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	227.29	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-266.36	
			<i>For Aluminized Steel Gate And Post, Add</i>	681.88	
			<i>For Powder Coated Gate And Post, Add</i>	369.35	
32 31 13 13-0341	EA	26'	Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,926.60	129.12
			<i>For Gate With Single Barb Wire Arm, Add</i>	169.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	246.21	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-288.52	
			<i>For Aluminized Steel Gate And Post, Add</i>	738.62	
			<i>For Powder Coated Gate And Post, Add</i>	400.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0342	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,109.45	150.66
			<i>For Gate With Single Barb Wire Arm, Add</i>	182.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	265.12	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-310.69	
			<i>For Aluminized Steel Gate And Post, Add</i>	795.36	
			<i>For Powder Coated Gate And Post, Add</i>	430.82	
32 31 13	13-0343	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,318.15	180.78
			<i>For Gate With Single Barb Wire Arm, Add</i>	195.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	284.03	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-332.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	852.10	
			<i>For Powder Coated Gate And Post, Add</i>	461.55	
32 31 13	13-0344		8' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13	13-0345	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	252.25	25.57
			<i>For Gate With Single Barb Wire Arm, Add</i>	19.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	28.07	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-32.90	
			<i>For Aluminized Steel Gate And Post, Add</i>	84.21	
			<i>For Powder Coated Gate And Post, Add</i>	45.61	
32 31 13	13-0346	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	310.73	25.57
			<i>For Gate With Single Barb Wire Arm, Add</i>	25.73	
			<i>For Gate With Double Barb Wire Arm, Add</i>	37.43	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.86	
			<i>For Aluminized Steel Gate And Post, Add</i>	112.28	
			<i>For Powder Coated Gate And Post, Add</i>	60.82	
32 31 13	13-0347	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	360.75	28.49
			<i>For Gate With Single Barb Wire Arm, Add</i>	30.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	44.02	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-51.58	
			<i>For Aluminized Steel Gate And Post, Add</i>	132.05	
			<i>For Powder Coated Gate And Post, Add</i>	71.53	
32 31 13	13-0348	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	413.08	32.26
			<i>For Gate With Single Barb Wire Arm, Add</i>	34.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	50.61	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-59.31	
			<i>For Aluminized Steel Gate And Post, Add</i>	151.83	
			<i>For Powder Coated Gate And Post, Add</i>	82.24	
32 31 13	13-0349	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	474.25	38.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	57.20	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-67.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	171.60	
			<i>For Powder Coated Gate And Post, Add</i>	92.95	
32 31 13	13-0350	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	534.66	45.24
			<i>For Gate With Single Barb Wire Arm, Add</i>	43.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	63.79	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-74.76	
			<i>For Aluminized Steel Gate And Post, Add</i>	191.38	
			<i>For Powder Coated Gate And Post, Add</i>	103.66	
32 31 13	13-0351	EA	9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	595.82	51.92
			<i>For Gate With Single Barb Wire Arm, Add</i>	48.39	
			<i>For Gate With Double Barb Wire Arm, Add</i>	70.39	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-82.48	
			<i>For Aluminized Steel Gate And Post, Add</i>	211.16	
			<i>For Powder Coated Gate And Post, Add</i>	114.38	
32 31 13	13-0352	EA	10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	656.98	58.60
			<i>For Gate With Single Barb Wire Arm, Add</i>	52.92	
			<i>For Gate With Double Barb Wire Arm, Add</i>	76.98	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-90.21	
			<i>For Aluminized Steel Gate And Post, Add</i>	230.93	
			<i>For Powder Coated Gate And Post, Add</i>	125.09	
32 31 13	13-0353	EA	10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	915.59	64.56
			<i>For Gate With Single Barb Wire Arm, Add</i>	79.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	115.47	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-135.32	
			<i>For Aluminized Steel Gate And Post, Add</i>	346.41	
			<i>For Powder Coated Gate And Post, Add</i>	187.64	
32 31 13	13-0354	EA	12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,069.46	69.56
			<i>For Gate With Single Barb Wire Arm, Add</i>	94.67	
			<i>For Gate With Double Barb Wire Arm, Add</i>	137.70	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-161.37	
			<i>For Aluminized Steel Gate And Post, Add</i>	413.11	
			<i>For Powder Coated Gate And Post, Add</i>	223.77	
32 31 13	13-0355	EA	14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,227.88	75.33
			<i>For Gate With Single Barb Wire Arm, Add</i>	110.18	
			<i>For Gate With Double Barb Wire Arm, Add</i>	160.27	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-187.81	
			<i>For Aluminized Steel Gate And Post, Add</i>	480.80	
			<i>For Powder Coated Gate And Post, Add</i>	260.43	
32 31 13	13-0356	EA	16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,393.62	82.21
			<i>For Gate With Single Barb Wire Arm, Add</i>	126.15	
			<i>For Gate With Double Barb Wire Arm, Add</i>	183.49	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-215.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	550.48	
			<i>For Powder Coated Gate And Post, Add</i>	298.18	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0357	EA	18	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,563.47	90.43
			<i>For Gate With Single Barb Wire Arm, Add</i>	142.12	
			<i>For Gate With Double Barb Wire Arm, Add</i>	206.72	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-242.25	
			<i>For Aluminized Steel Gate And Post, Add</i>	620.16	
			<i>For Powder Coated Gate And Post, Add</i>	335.92	
32 31 13 13-0358	EA	20'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,736.74	100.44
			<i>For Gate With Single Barb Wire Arm, Add</i>	157.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	229.62	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-269.08	
			<i>For Aluminized Steel Gate And Post, Add</i>	688.85	
			<i>For Powder Coated Gate And Post, Add</i>	373.13	
32 31 13 13-0359	EA	22'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	1,915.46	113.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	173.37	
			<i>For Gate With Double Barb Wire Arm, Add</i>	252.18	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-295.52	
			<i>For Aluminized Steel Gate And Post, Add</i>	756.54	
			<i>For Powder Coated Gate And Post, Add</i>	409.79	
32 31 13 13-0360	EA	24'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,109.10	129.12
			<i>For Gate With Single Barb Wire Arm, Add</i>	189.34	
			<i>For Gate With Double Barb Wire Arm, Add</i>	275.41	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-322.74	
			<i>For Aluminized Steel Gate And Post, Add</i>	826.22	
			<i>For Powder Coated Gate And Post, Add</i>	447.54	
32 31 13 13-0361	EA	26'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,318.91	150.66
			<i>For Gate With Single Barb Wire Arm, Add</i>	205.31	
			<i>For Gate With Double Barb Wire Arm, Add</i>	298.63	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-349.96	
			<i>For Aluminized Steel Gate And Post, Add</i>	895.90	
			<i>For Powder Coated Gate And Post, Add</i>	485.28	
32 31 13 13-0362	EA	28'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,552.49	180.78
			<i>For Gate With Single Barb Wire Arm, Add</i>	221.05	
			<i>For Gate With Double Barb Wire Arm, Add</i>	321.53	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-376.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	964.58	
			<i>For Powder Coated Gate And Post, Add</i>	522.48	
32 31 13 13-0363	EA	30'	Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,831.34	226.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	236.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	344.42	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-403.62	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,033.27	
			<i>For Powder Coated Gate And Post, Add</i>	559.69	
32 31 13 13-0364			10' Fence Height <small>(32 31 13 13-0263)</small>		
32 31 13 13-0365	EA	3'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	312.20	28.42
			<i>For Gate With Single Barb Wire Arm, Add</i>	24.95	
			<i>For Gate With Double Barb Wire Arm, Add</i>	36.30	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-42.54	
			<i>For Aluminized Steel Gate And Post, Add</i>	108.89	
			<i>For Powder Coated Gate And Post, Add</i>	58.98	
32 31 13 13-0366	EA	4'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	387.83	28.42
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.27	
			<i>For Gate With Double Barb Wire Arm, Add</i>	48.40	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.72	
			<i>For Aluminized Steel Gate And Post, Add</i>	145.20	
			<i>For Powder Coated Gate And Post, Add</i>	78.65	
32 31 13 13-0367	EA	5'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	444.86	29.65
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.13	
			<i>For Gate With Double Barb Wire Arm, Add</i>	56.92	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.71	
			<i>For Aluminized Steel Gate And Post, Add</i>	170.77	
			<i>For Powder Coated Gate And Post, Add</i>	92.50	
32 31 13 13-0368	EA	6'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	519.65	36.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	45.00	
			<i>For Gate With Double Barb Wire Arm, Add</i>	65.45	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-76.70	
			<i>For Aluminized Steel Gate And Post, Add</i>	196.34	
			<i>For Powder Coated Gate And Post, Add</i>	106.35	
32 31 13 13-0369	EA	7'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	593.98	43.70
			<i>For Gate With Single Barb Wire Arm, Add</i>	50.85	
			<i>For Gate With Double Barb Wire Arm, Add</i>	73.97	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-86.68	
			<i>For Aluminized Steel Gate And Post, Add</i>	221.91	
			<i>For Powder Coated Gate And Post, Add</i>	120.20	
32 31 13 13-0370	EA	8'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	668.43	50.92
			<i>For Gate With Single Barb Wire Arm, Add</i>	56.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	82.49	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-96.67	
			<i>For Aluminized Steel Gate And Post, Add</i>	247.48	
			<i>For Powder Coated Gate And Post, Add</i>	134.05	
32 31 13 13-0371	EA	9'	Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	742.44	57.83
			<i>For Gate With Single Barb Wire Arm, Add</i>	62.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	91.02	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-106.66	
			<i>For Aluminized Steel Gate And Post, Add</i>	273.06	
			<i>For Powder Coated Gate And Post, Add</i>	147.91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0372	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	817.23	64.97
			For Gate With Single Barb Wire Arm, Add	68.44	
			For Gate With Double Barb Wire Arm, Add	99.54	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.65	
			For Aluminized Steel Gate And Post, Add	298.63	
			For Powder Coated Gate And Post, Add	161.76	
32 31 13	13-0373	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,148.68	71.77
			For Gate With Single Barb Wire Arm, Add	102.65	
			For Gate With Double Barb Wire Arm, Add	149.32	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-174.98	
			For Aluminized Steel Gate And Post, Add	447.95	
			For Powder Coated Gate And Post, Add	242.64	
32 31 13	13-0374	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,248.15	77.20
			For Gate With Single Barb Wire Arm, Add	111.78	
			For Gate With Double Barb Wire Arm, Add	162.59	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-190.54	
			For Aluminized Steel Gate And Post, Add	487.78	
			For Powder Coated Gate And Post, Add	264.21	
32 31 13	13-0375	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,416.86	83.73
			For Gate With Single Barb Wire Arm, Add	128.21	
			For Gate With Double Barb Wire Arm, Add	186.48	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-218.53	
			For Aluminized Steel Gate And Post, Add	559.44	
			For Powder Coated Gate And Post, Add	303.03	
32 31 13	13-0376	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,605.52	91.28
			For Gate With Single Barb Wire Arm, Add	146.46	
			For Gate With Double Barb Wire Arm, Add	213.03	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-249.64	
			For Aluminized Steel Gate And Post, Add	639.08	
			For Powder Coated Gate And Post, Add	346.17	
32 31 13	13-0377	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,798.95	100.44
			For Gate With Single Barb Wire Arm, Add	164.70	
			For Gate With Double Barb Wire Arm, Add	239.57	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-280.75	
			For Aluminized Steel Gate And Post, Add	718.71	
			For Powder Coated Gate And Post, Add	389.30	
32 31 13	13-0378	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	1,999.25	111.56
			For Gate With Single Barb Wire Arm, Add	183.07	
			For Gate With Double Barb Wire Arm, Add	266.28	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-312.05	
			For Aluminized Steel Gate And Post, Add	798.84	
			For Powder Coated Gate And Post, Add	432.71	
32 31 13	13-0379	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,208.25	125.55
			For Gate With Single Barb Wire Arm, Add	201.43	
			For Gate With Double Barb Wire Arm, Add	292.99	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-343.35	
			For Aluminized Steel Gate And Post, Add	878.98	
			For Powder Coated Gate And Post, Add	476.11	
32 31 13	13-0380	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,427.75	143.37
			For Gate With Single Barb Wire Arm, Add	219.68	
			For Gate With Double Barb Wire Arm, Add	319.54	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-374.46	
			For Aluminized Steel Gate And Post, Add	958.61	
			For Powder Coated Gate And Post, Add	519.25	
32 31 13	13-0381	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,665.75	167.38
			For Gate With Single Barb Wire Arm, Add	237.93	
			For Gate With Double Barb Wire Arm, Add	346.08	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-405.57	
			For Aluminized Steel Gate And Post, Add	1,038.25	
			For Powder Coated Gate And Post, Add	562.39	
32 31 13	13-0382	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,931.66	200.72
			For Gate With Single Barb Wire Arm, Add	256.18	
			For Gate With Double Barb Wire Arm, Add	372.63	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-436.67	
			For Aluminized Steel Gate And Post, Add	1,117.88	
			For Powder Coated Gate And Post, Add	605.52	
32 31 13	13-0383	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,250.99	251.11
			For Gate With Single Barb Wire Arm, Add	274.66	
			For Gate With Double Barb Wire Arm, Add	399.50	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-468.17	
			For Aluminized Steel Gate And Post, Add	1,198.51	
			For Powder Coated Gate And Post, Add	649.19	
32 31 13	13-0384		12' Fence Height <small>(32 31 13 13-0263)</small>	385.21	31.57
		EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	385.21	31.57
			For Gate With Single Barb Wire Arm, Add	31.94	
			For Gate With Double Barb Wire Arm, Add	46.46	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-54.45	
			For Aluminized Steel Gate And Post, Add	139.39	
			For Powder Coated Gate And Post, Add	75.50	
32 31 13	13-0386	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	482.00	31.57
			For Gate With Single Barb Wire Arm, Add	42.59	
			For Gate With Double Barb Wire Arm, Add	61.95	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-72.60	
			For Aluminized Steel Gate And Post, Add	185.85	
			For Powder Coated Gate And Post, Add	100.67	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0387	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	553.69	32.72
		<i>For Gate With Single Barb Wire Arm, Add</i>	50.09	
		<i>For Gate With Double Barb Wire Arm, Add</i>	72.86	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-85.38	
		<i>For Aluminized Steel Gate And Post, Add</i>	218.58	
		<i>For Powder Coated Gate And Post, Add</i>	118.40	
32 31 13 13-0388	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	645.69	40.63
		<i>For Gate With Single Barb Wire Arm, Add</i>	57.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>	83.77	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-98.17	
		<i>For Aluminized Steel Gate And Post, Add</i>	251.32	
		<i>For Powder Coated Gate And Post, Add</i>	136.13	
32 31 13 13-0389	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	737.68	48.62
		<i>For Gate With Single Barb Wire Arm, Add</i>	65.09	
		<i>For Gate With Double Barb Wire Arm, Add</i>	94.68	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-110.95	
		<i>For Aluminized Steel Gate And Post, Add</i>	284.04	
		<i>For Powder Coated Gate And Post, Add</i>	153.86	
32 31 13 13-0390	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	828.93	56.30
		<i>For Gate With Single Barb Wire Arm, Add</i>	72.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>	105.59	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-123.74	
		<i>For Aluminized Steel Gate And Post, Add</i>	316.78	
		<i>For Powder Coated Gate And Post, Add</i>	171.59	
32 31 13 13-0391	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	920.92	64.21
		<i>For Gate With Single Barb Wire Arm, Add</i>	80.10	
		<i>For Gate With Double Barb Wire Arm, Add</i>	116.50	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-136.53	
		<i>For Aluminized Steel Gate And Post, Add</i>	349.51	
		<i>For Powder Coated Gate And Post, Add</i>	189.32	
32 31 13 13-0392	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire.....	1,012.93	72.12
		<i>For Gate With Single Barb Wire Arm, Add</i>	87.60	
		<i>For Gate With Double Barb Wire Arm, Add</i>	127.41	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-149.31	
		<i>For Aluminized Steel Gate And Post, Add</i>	382.24	
		<i>For Powder Coated Gate And Post, Add</i>	207.05	
32 31 13 13-0393	EA	10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,348.89	79.74
		<i>For Gate With Single Barb Wire Arm, Add</i>	122.05	
		<i>For Gate With Double Barb Wire Arm, Add</i>	177.52	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-208.03	
		<i>For Aluminized Steel Gate And Post, Add</i>	532.56	
		<i>For Powder Coated Gate And Post, Add</i>	288.47	
32 31 13 13-0394	EA	12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,477.08	85.86
		<i>For Gate With Single Barb Wire Arm, Add</i>	134.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	195.11	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-228.64	
		<i>For Aluminized Steel Gate And Post, Add</i>	585.32	
		<i>For Powder Coated Gate And Post, Add</i>	317.05	
32 31 13 13-0395	EA	14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,677.06	92.98
		<i>For Gate With Single Barb Wire Arm, Add</i>	153.75	
		<i>For Gate With Double Barb Wire Arm, Add</i>	223.64	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-262.08	
		<i>For Aluminized Steel Gate And Post, Add</i>	670.93	
		<i>For Powder Coated Gate And Post, Add</i>	363.42	
32 31 13 13-0396	EA	16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,901.48	101.38
		<i>For Gate With Single Barb Wire Arm, Add</i>	175.65	
		<i>For Gate With Double Barb Wire Arm, Add</i>	255.50	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-299.41	
		<i>For Aluminized Steel Gate And Post, Add</i>	766.49	
		<i>For Powder Coated Gate And Post, Add</i>	415.18	
32 31 13 13-0397	EA	18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,130.94	111.64
		<i>For Gate With Single Barb Wire Arm, Add</i>	197.55	
		<i>For Gate With Double Barb Wire Arm, Add</i>	287.35	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-336.74	
		<i>For Aluminized Steel Gate And Post, Add</i>	862.06	
		<i>For Powder Coated Gate And Post, Add</i>	466.95	
32 31 13 13-0398	EA	20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,369.19	123.94
		<i>For Gate With Single Barb Wire Arm, Add</i>	219.68	
		<i>For Gate With Double Barb Wire Arm, Add</i>	319.54	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-374.46	
		<i>For Aluminized Steel Gate And Post, Add</i>	958.61	
		<i>For Powder Coated Gate And Post, Add</i>	519.25	
32 31 13 13-0399	EA	22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,615.14	139.46
		<i>For Gate With Single Barb Wire Arm, Add</i>	241.58	
		<i>For Gate With Double Barb Wire Arm, Add</i>	351.39	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-411.79	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,054.18	
		<i>For Powder Coated Gate And Post, Add</i>	571.01	
32 31 13 13-0400	EA	24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	2,875.85	159.32
		<i>For Gate With Single Barb Wire Arm, Add</i>	263.71	
		<i>For Gate With Double Barb Wire Arm, Add</i>	383.58	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-449.51	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,150.73	
		<i>For Powder Coated Gate And Post, Add</i>	623.31	
32 31 13 13-0401	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	3,152.96	186.05
		<i>For Gate With Single Barb Wire Arm, Add</i>	285.38	
		<i>For Gate With Double Barb Wire Arm, Add</i>	415.10	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-486.44	
		<i>For Aluminized Steel Gate And Post, Add</i>	1,245.30	
		<i>For Powder Coated Gate And Post, Add</i>	674.54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0402	EA		28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	3,463.16 307.28 446.95 -523.77 1,340.86 726.30	223.03
32 31 13 13-0403	EA		30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i>	3,832.50 329.41 479.14 -561.49 1,437.42 778.60	279.02
32 31 13 13-0404			Vinyl Coated Without Barb Wire Arm <small>(32 31 13 13-0262)</small> Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0405			4' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0406	EA		3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	195.98 -25.95 15.22 22.14	19.20
32 31 13 13-0407	EA		4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	242.11 -34.60 20.30 29.52	19.20
32 31 13 13-0408	EA		5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	284.41 -41.81 24.53 35.67	20.43
32 31 13 13-0409	EA		6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	335.12 -49.01 28.75 41.82	24.57
32 31 13 13-0410	EA		7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	385.85 -56.22 32.98 47.97	28.65
32 31 13 13-0411	EA		8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	436.59 -63.43 37.21 54.12	32.72
32 31 13 13-0412	EA		9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	487.31 -70.63 41.44 60.27	36.86
32 31 13 13-0413	EA		10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	538.03 -77.84 45.67 66.42	40.94
32 31 13 13-0414	EA		10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	676.41 -103.79 60.89 88.56	40.94
32 31 13 13-0415	EA		12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	795.91 -124.55 73.07 106.28	43.86
32 31 13 13-0416	EA		14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	916.74 -145.30 85.24 123.99	47.24
32 31 13 13-0417	EA		16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,039.27 -166.06 97.42 141.71	51.15
32 31 13 13-0418	EA		18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,177.34 -186.82 109.60 159.42	60.23
32 31 13 13-0419	EA		20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,300.98 -207.58 121.78 177.13	64.56
32 31 13 13-0420	EA		22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,426.60 -228.33 133.96 194.84	69.56
32 31 13 13-0421	EA		24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,554.70 -249.09 146.13 212.56	75.33
32 31 13 13-0422	EA		26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,685.98 -269.85 158.31 230.27	82.21

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0423	EA 28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,821.37 -290.61 170.49 247.98	90.43
32 31 13 13-0424	EA 30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,962.24 -311.36 182.67 265.70	100.44
32 31 13 13-0425	5' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0426	EA 3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	232.93 -32.15 18.86 27.44	20.43
32 31 13 13-0427	EA 4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	290.09 -42.87 25.15 36.58	20.43
32 31 13 13-0428	EA 5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	336.80 -50.91 29.87 43.44	21.73
32 31 13 13-0429	EA 6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	392.71 -58.95 34.58 50.30	26.11
32 31 13 13-0430	EA 7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	448.65 -66.98 39.30 57.16	30.42
32 31 13 13-0431	EA 8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	505.34 -75.02 44.01 64.02	35.03
32 31 13 13-0432	EA 9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	561.26 -83.06 48.73 70.88	39.40
32 31 13 13-0433	EA 10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	617.19 -91.10 53.44 77.74	43.70
32 31 13 13-0434	EA 10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	817.57 -128.61 75.45 109.74	43.86
32 31 13 13-0435	EA 12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	964.87 -154.33 90.54 131.69	47.24
32 31 13 13-0436	EA 14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,113.87 -180.05 105.63 153.64	51.15
32 31 13 13-0437	EA 16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,278.43 -205.77 120.72 175.59	60.23
32 31 13 13-0438	EA 18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,428.54 -231.49 135.81 197.54	64.56
32 31 13 13-0439	EA 20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,580.63 -257.21 150.90 219.49	69.56
32 31 13 13-0440	EA 22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,735.21 -282.94 165.99 241.44	75.33
32 31 13 13-0441	EA 24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,892.96 -308.66 181.08 263.39	82.21
32 31 13 13-0442	EA 26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,054.82 -334.38 196.17 285.34	90.43
32 31 13 13-0443	EA 28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,222.17 -360.10 211.26 307.28	100.44
32 31 13 13-0444	EA 30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,397.05 -385.82 226.35 329.23	113.00

32 31 13 13-0445 6' Fence Height (32 31 13 13-0404)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0446	EA 3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	249.09 -34.36 20.16 29.32	21.88
32 31	13	13-0447	EA 4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	310.17 -45.81 26.88 39.09	21.88
32 31	13	13-0448	EA 5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	360.05 -54.41 31.92 46.43	23.27
32 31	13	13-0449	EA 6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	420.46 -63.00 36.96 53.76	28.11
32 31	13	13-0450	EA 7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	480.87 -71.59 42.00 61.09	33.03
32 31	13	13-0451	EA 8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	540.51 -80.18 47.04 68.42	37.63
32 31	13	13-0452	EA 9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	600.91 -88.77 52.08 75.75	42.47
32 31	13	13-0453	EA 10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	661.33 -97.36 57.12 83.08	47.31
32 31	13	13-0454	EA 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	874.83 -137.45 80.63 117.29	47.24
32 31	13	13-0455	EA 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,033.25 -164.93 96.76 140.74	51.15
32 31	13	13-0456	EA 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,220.16 -192.42 112.89 164.20	64.56
32 31	13	13-0457	EA 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,381.68 -219.91 129.01 187.66	69.56
32 31	13	13-0458	EA 18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,545.68 -247.40 145.14 211.11	75.33
32 31	13	13-0459	EA 20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,739.95 -279.97 164.25 238.91	82.21
32 31	13	13-0460	EA 22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,889.07 -303.30 177.94 258.82	90.43
32 31	13	13-0461	EA 24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,060.93 -329.87 193.52 281.49	100.44
32 31	13	13-0462	EA 26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,245.23 -357.35 209.65 304.94	113.00
32 31	13	13-0463	EA 28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,440.31 -384.84 225.78 328.40	129.12
32 31	13	13-0464	EA 30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,651.56 -412.33 241.90 351.86	150.66
32 31	13	13-0465	7' Fence Height <small>(32 31 13 13-0404)</small>		
32 31	13	13-0466	EA 3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	263.38 -36.09 21.17 30.80	23.58
32 31	13	13-0467	EA 4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	327.55 -48.12 28.23 41.06	23.58

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0468	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	379.29	24.81
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-57.15	
		<i>For Gate With Single Barb Wire Arm, Add</i>	33.53	
		<i>For Gate With Double Barb Wire Arm, Add</i>	48.77	
32 31 13 13-0469	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	443.53	30.19
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.17	
		<i>For Gate With Single Barb Wire Arm, Add</i>	38.82	
		<i>For Gate With Double Barb Wire Arm, Add</i>	56.46	
32 31 13 13-0470	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	507.01	35.33
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-75.19	
		<i>For Gate With Single Barb Wire Arm, Add</i>	44.11	
		<i>For Gate With Double Barb Wire Arm, Add</i>	64.16	
32 31 13 13-0471	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	571.27	40.63
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-84.22	
		<i>For Gate With Single Barb Wire Arm, Add</i>	49.41	
		<i>For Gate With Double Barb Wire Arm, Add</i>	71.87	
32 31 13 13-0472	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	634.75	45.78
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-93.24	
		<i>For Gate With Single Barb Wire Arm, Add</i>	54.70	
		<i>For Gate With Double Barb Wire Arm, Add</i>	79.56	
32 31 13 13-0473	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	699.01	51.15
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-102.26	
		<i>For Gate With Single Barb Wire Arm, Add</i>	59.99	
		<i>For Gate With Double Barb Wire Arm, Add</i>	87.26	
32 31 13 13-0474	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	923.57	51.15
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-144.37	
		<i>For Gate With Single Barb Wire Arm, Add</i>	84.70	
		<i>For Gate With Double Barb Wire Arm, Add</i>	123.19	
32 31 13 13-0475	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,117.85	64.56
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-173.24	
		<i>For Gate With Single Barb Wire Arm, Add</i>	101.63	
		<i>For Gate With Double Barb Wire Arm, Add</i>	147.83	
32 31 13 13-0476	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,286.76	69.56
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-202.11	
		<i>For Gate With Single Barb Wire Arm, Add</i>	118.57	
		<i>For Gate With Double Barb Wire Arm, Add</i>	172.47	
32 31 13 13-0477	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,458.13	75.33
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-230.98	
		<i>For Gate With Single Barb Wire Arm, Add</i>	135.51	
		<i>For Gate With Double Barb Wire Arm, Add</i>	197.11	
32 31 13 13-0478	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,632.71	82.21
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-259.86	
		<i>For Gate With Single Barb Wire Arm, Add</i>	152.45	
		<i>For Gate With Double Barb Wire Arm, Add</i>	221.75	
32 31 13 13-0479	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,811.36	90.43
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-288.73	
		<i>For Gate With Single Barb Wire Arm, Add</i>	169.39	
		<i>For Gate With Double Barb Wire Arm, Add</i>	246.38	
32 31 13 13-0480	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,995.50	100.44
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-317.60	
		<i>For Gate With Single Barb Wire Arm, Add</i>	186.32	
		<i>For Gate With Double Barb Wire Arm, Add</i>	271.02	
32 31 13 13-0481	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,187.21	113.00
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-346.48	
		<i>For Gate With Single Barb Wire Arm, Add</i>	203.27	
		<i>For Gate With Double Barb Wire Arm, Add</i>	295.66	
32 31 13 13-0482	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,389.69	129.12
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-375.35	
		<i>For Gate With Single Barb Wire Arm, Add</i>	220.21	
		<i>For Gate With Double Barb Wire Arm, Add</i>	320.30	
32 31 13 13-0483	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,608.30	150.66
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-404.22	
		<i>For Gate With Single Barb Wire Arm, Add</i>	237.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	344.94	
32 31 13 13-0484	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,852.80	180.78
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-433.10	
		<i>For Gate With Single Barb Wire Arm, Add</i>	254.08	
		<i>For Gate With Double Barb Wire Arm, Add</i>	369.58	
32 31 13 13-0485		8' Fence Height (32 31 13 13-0404)		
32 31 13 13-0486	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	310.11	25.57
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-43.74	
		<i>For Gate With Single Barb Wire Arm, Add</i>	25.66	
		<i>For Gate With Double Barb Wire Arm, Add</i>	37.33	
32 31 13 13-0487	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	387.88	25.57
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-58.33	
		<i>For Gate With Single Barb Wire Arm, Add</i>	34.22	
		<i>For Gate With Double Barb Wire Arm, Add</i>	49.77	
32 31 13 13-0488	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	439.73	25.57
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-68.05	
		<i>For Gate With Single Barb Wire Arm, Add</i>	39.92	
		<i>For Gate With Double Barb Wire Arm, Add</i>	58.07	
32 31 13 13-0489	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	511.54	32.26
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-77.77	
		<i>For Gate With Single Barb Wire Arm, Add</i>	45.62	
		<i>For Gate With Double Barb Wire Arm, Add</i>	66.36	

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

32 31 13 13-0490	EA		7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	583.35 -87.49 51.33 74.66	38.86
32 31 13 13-0491	EA		8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	654.41 -97.21 57.03 82.95	45.24
32 31 13 13-0492	EA		9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	726.22 -106.93 62.73 91.25	51.92
32 31 13 13-0493	EA		10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	798.02 -116.65 68.44 99.54	58.60
32 31 13 13-0494	EA		10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,127.13 -174.98 102.65 149.32	64.56
32 31 13 13-0495	EA		12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,328.68 -209.97 123.18 179.18	69.56
32 31 13 13-0496	EA		14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,532.72 -244.97 143.72 209.04	75.33
32 31 13 13-0497	EA		16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,739.94 -279.97 164.25 238.90	82.21
32 31 13 13-0498	EA		18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,951.26 -314.96 184.78 268.77	90.43
32 31 13 13-0499	EA		20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,168.07 -349.96 205.31 298.63	100.44
32 31 13 13-0500	EA		22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,392.42 -384.95 225.84 328.49	113.00
32 31 13 13-0501	EA		24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,627.53 -419.95 246.37 358.36	129.12
32 31 13 13-0502	EA		26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,878.81 -454.94 266.90 388.22	150.66
32 31 13 13-0503	EA		28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,155.95 -489.94 287.43 418.08	180.78
32 31 13 13-0504	EA		30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,478.34 -524.93 307.96 447.94	226.00

32 31 13 13-0505 10' Fence Height (32 31 13 13-0404)

32 31 13 13-0506	EA		3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	355.98 -50.75 29.77 43.30	28.42
32 31 13 13-0507	EA		4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	446.20 -67.66 39.69 57.74	28.42
32 31 13 13-0508	EA		5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	510.10 -78.94 46.31 67.36	29.65
32 31 13 13-0509	EA		6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	591.75 -90.22 52.93 76.98	36.86
32 31 13 13-0510	EA		7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	672.63 -101.49 59.54 86.61	43.70
32 31 13 13-0511	EA		8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	754.29 -112.77 66.16 96.23	50.92

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0512	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	835.16	57.83
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-124.05	
		<i>For Gate With Single Barb Wire Arm, Add</i>	72.77	
		<i>For Gate With Double Barb Wire Arm, Add</i>	105.85	
32 31 13 13-0513	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	916.81	64.97
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-135.32	
		<i>For Gate With Single Barb Wire Arm, Add</i>	79.39	
		<i>For Gate With Double Barb Wire Arm, Add</i>	115.48	
32 31 13 13-0514	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,298.04	71.77
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-202.98	
		<i>For Gate With Single Barb Wire Arm, Add</i>	119.08	
		<i>For Gate With Double Barb Wire Arm, Add</i>	173.21	
32 31 13 13-0515	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,531.04	77.20
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-243.58	
		<i>For Gate With Single Barb Wire Arm, Add</i>	142.90	
		<i>For Gate With Double Barb Wire Arm, Add</i>	207.85	
32 31 13 13-0516	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,766.97	83.73
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-284.18	
		<i>For Gate With Single Barb Wire Arm, Add</i>	166.72	
		<i>For Gate With Double Barb Wire Arm, Add</i>	242.50	
32 31 13 13-0517	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,006.23	91.28
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-324.77	
		<i>For Gate With Single Barb Wire Arm, Add</i>	190.53	
		<i>For Gate With Double Barb Wire Arm, Add</i>	277.14	
32 31 13 13-0518	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,250.28	100.44
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-365.37	
		<i>For Gate With Single Barb Wire Arm, Add</i>	214.35	
		<i>For Gate With Double Barb Wire Arm, Add</i>	311.78	
32 31 13 13-0519	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,500.14	111.56
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-405.97	
		<i>For Gate With Single Barb Wire Arm, Add</i>	238.17	
		<i>For Gate With Double Barb Wire Arm, Add</i>	346.42	
32 31 13 13-0520	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,758.72	125.55
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-446.56	
		<i>For Gate With Single Barb Wire Arm, Add</i>	261.98	
		<i>For Gate With Double Barb Wire Arm, Add</i>	381.07	
32 31 13 13-0521	EA	24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,028.82	143.37
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-487.16	
		<i>For Gate With Single Barb Wire Arm, Add</i>	285.80	
		<i>For Gate With Double Barb Wire Arm, Add</i>	415.71	
32 31 13 13-0522	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,317.43	167.38
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-527.76	
		<i>For Gate With Single Barb Wire Arm, Add</i>	309.62	
		<i>For Gate With Double Barb Wire Arm, Add</i>	450.35	
32 31 13 13-0523	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	3,633.95	200.72
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-568.35	
		<i>For Gate With Single Barb Wire Arm, Add</i>	333.43	
		<i>For Gate With Double Barb Wire Arm, Add</i>	484.99	
32 31 13 13-0524	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	4,001.82	251.11
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-608.95	
		<i>For Gate With Single Barb Wire Arm, Add</i>	357.25	
		<i>For Gate With Double Barb Wire Arm, Add</i>	519.64	
32 31 13 13-0525		12' Fence Height <small>(32 31 13 13-0404)</small>		
32 31 13 13-0526	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	472.26	31.57
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-70.77	
		<i>For Gate With Single Barb Wire Arm, Add</i>	41.52	
		<i>For Gate With Double Barb Wire Arm, Add</i>	60.39	
32 31 13 13-0527	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	597.73	31.57
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-94.30	
		<i>For Gate With Single Barb Wire Arm, Add</i>	55.32	
		<i>For Gate With Double Barb Wire Arm, Add</i>	80.47	
32 31 13 13-0528	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	694.54	32.72
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-111.79	
		<i>For Gate With Single Barb Wire Arm, Add</i>	65.59	
		<i>For Gate With Double Barb Wire Arm, Add</i>	95.40	
32 31 13 13-0529	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	796.11	40.63
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-126.38	
		<i>For Gate With Single Barb Wire Arm, Add</i>	74.14	
		<i>For Gate With Double Barb Wire Arm, Add</i>	107.84	
32 31 13 13-0530	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	906.34	48.62
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-142.58	
		<i>For Gate With Single Barb Wire Arm, Add</i>	83.65	
		<i>For Gate With Double Barb Wire Arm, Add</i>	121.67	
32 31 13 13-0531	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,015.80	56.30
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-158.78	
		<i>For Gate With Single Barb Wire Arm, Add</i>	93.15	
		<i>For Gate With Double Barb Wire Arm, Add</i>	135.49	
32 31 13 13-0532	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,126.01	64.21
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-174.98	
		<i>For Gate With Single Barb Wire Arm, Add</i>	102.66	
		<i>For Gate With Double Barb Wire Arm, Add</i>	149.32	
32 31 13 13-0533	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,227.59	72.12
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-189.56	
		<i>For Gate With Single Barb Wire Arm, Add</i>	111.21	
		<i>For Gate With Double Barb Wire Arm, Add</i>	161.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0534	EA		10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,755.28 -284.25 166.76 242.56	79.74
32 31 13 13-0535	EA		12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,126.19 -350.35 205.54 298.96	85.86
32 31 13 13-0536	EA		14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,460.97 -409.07 239.98 349.07	92.98
32 31 13 13-0537	EA		16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,797.38 -467.39 274.20 398.84	101.38
32 31 13 13-0538	EA		18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,134.83 -524.94 307.96 447.95	111.64
32 31 13 13-0539	EA		20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,482.84 -583.27 342.18 497.72	123.94
32 31 13 13-0540	EA		22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,840.78 -641.60 376.40 547.49	139.46
32 31 13 13-0541	EA		24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,211.40 -699.92 410.62 597.27	159.32
32 31 13 13-0542	EA		26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,612.95 -760.19 445.98 648.70	186.05
32 31 13 13-0543	EA		28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	5,035.13 -818.52 480.20 698.47	223.03
32 31 13 13-0544	EA		30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	5,514.39 -876.85 514.42 748.24	279.02
32 31 13 13-0545			Sliding Gate <small>(32 31 13 13-0262)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel, rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0546			4' High Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0547	EA		10' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,555.52 110.52 301.42	275.37
32 31 13 13-0548	EA		12' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,870.54 132.63 361.71	332.47
32 31 13 13-0549	EA		14' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,182.46 154.73 421.99	387.86
32 31 13 13-0550	EA		16' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,499.19 176.84 482.28	445.81
32 31 13 13-0551	EA		18' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,811.63 198.94 542.57	501.55
32 31 13 13-0552	EA		20' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,113.77 221.05 602.85	552.11
32 31 13 13-0553	EA		24' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,723.41 263.31 718.11	664.85
32 31 13 13-0554	EA		30' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,524.15 331.57 904.27	1,254.97
32 31 13 13-0555	EA		40' Long x 4' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	7,365.53 442.09 1,205.69	1,673.28
32 31 13 13-0556			5' High Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0557	EA		10' Long x 5' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,633.71 113.77 310.28	299.73
32 31 13 13-0558	EA		12' Long x 5' High Sliding Gate <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	1,959.62 136.52 372.34	359.28

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 13 13-0559	EA	14' Long x 5' High Sliding Gate	2,286.07	419.09
		<i>For Gate With Barb Wire Arm, Add</i>	159.28	
		<i>For Vinyl Coated, Add</i>	434.40	
32 31 13 13-0560	EA	16' Long x 5' High Sliding Gate	2,612.89	479.06
		<i>For Gate With Barb Wire Arm, Add</i>	182.03	
		<i>For Vinyl Coated, Add</i>	496.45	
32 31 13 13-0561	EA	18' Long x 5' High Sliding Gate	2,939.30	538.79
		<i>For Gate With Barb Wire Arm, Add</i>	204.79	
		<i>For Vinyl Coated, Add</i>	558.51	
32 31 13 13-0562	EA	20' Long x 5' High Sliding Gate	3,265.94	598.68
		<i>For Gate With Barb Wire Arm, Add</i>	227.54	
		<i>For Vinyl Coated, Add</i>	620.57	
32 31 13 13-0563	EA	24' Long x 5' High Sliding Gate	3,902.55	719.24
		<i>For Gate With Barb Wire Arm, Add</i>	271.05	
		<i>For Vinyl Coated, Add</i>	739.22	
32 31 13 13-0564	EA	30' Long x 5' High Sliding Gate	4,899.22	898.24
		<i>For Gate With Barb Wire Arm, Add</i>	341.31	
		<i>For Vinyl Coated, Add</i>	930.85	
32 31 13 13-0565	EA	40' Long x 5' High Sliding Gate	6,531.88	1,197.36
		<i>For Gate With Barb Wire Arm, Add</i>	455.08	
		<i>For Vinyl Coated, Add</i>	1,241.13	
32 31 13 13-0566 6' High Sliding Gate (32 31 13 13-0545)				
32 31 13 13-0567	EA	10' Long x 6' High Sliding Gate	1,757.66	351.39
		<i>For Gate With Barb Wire Arm, Add</i>	116.04	
		<i>For Vinyl Coated, Add</i>	316.49	
32 31 13 13-0568	EA	12' Long x 6' High Sliding Gate	2,106.72	420.35
		<i>For Gate With Barb Wire Arm, Add</i>	139.25	
		<i>For Vinyl Coated, Add</i>	379.78	
32 31 13 13-0569	EA	14' Long x 6' High Sliding Gate	2,457.67	490.35
		<i>For Gate With Barb Wire Arm, Add</i>	162.46	
		<i>For Vinyl Coated, Add</i>	443.08	
32 31 13 13-0570	EA	16' Long x 6' High Sliding Gate	2,808.95	560.50
		<i>For Gate With Barb Wire Arm, Add</i>	185.67	
		<i>For Vinyl Coated, Add</i>	506.37	
32 31 13 13-0571	EA	18' Long x 6' High Sliding Gate	3,159.92	630.50
		<i>For Gate With Barb Wire Arm, Add</i>	208.88	
		<i>For Vinyl Coated, Add</i>	569.67	
32 31 13 13-0572	EA	20' Long x 6' High Sliding Gate	3,515.60	702.86
		<i>For Gate With Barb Wire Arm, Add</i>	232.09	
		<i>For Vinyl Coated, Add</i>	632.97	
32 31 13 13-0573	EA	24' Long x 6' High Sliding Gate	4,194.87	840.80
		<i>For Gate With Barb Wire Arm, Add</i>	276.46	
		<i>For Vinyl Coated, Add</i>	753.99	
32 31 13 13-0574	EA	30' Long x 6' High Sliding Gate	5,267.32	1,051.28
		<i>For Gate With Barb Wire Arm, Add</i>	348.13	
		<i>For Vinyl Coated, Add</i>	949.45	
32 31 13 13-0575	EA	40' Long x 6' High Sliding Gate	7,021.93	1,401.05
		<i>For Gate With Barb Wire Arm, Add</i>	464.18	
		<i>For Vinyl Coated, Add</i>	1,265.94	
32 31 13 13-0576 7' High Sliding Gate (32 31 13 13-0545)				
32 31 13 13-0577	EA	10' Long x 7' High Sliding Gate	1,880.16	391.94
		<i>For Gate With Barb Wire Arm, Add</i>	120.59	
		<i>For Vinyl Coated, Add</i>	328.89	
32 31 13 13-0578	EA	12' Long x 7' High Sliding Gate	2,255.58	469.98
		<i>For Gate With Barb Wire Arm, Add</i>	144.71	
		<i>For Vinyl Coated, Add</i>	394.67	
32 31 13 13-0579	EA	14' Long x 7' High Sliding Gate	2,632.27	548.71
		<i>For Gate With Barb Wire Arm, Add</i>	168.83	
		<i>For Vinyl Coated, Add</i>	460.44	
32 31 13 13-0580	EA	16' Long x 7' High Sliding Gate	3,007.63	626.77
		<i>For Gate With Barb Wire Arm, Add</i>	192.95	
		<i>For Vinyl Coated, Add</i>	526.22	
32 31 13 13-0581	EA	18' Long x 7' High Sliding Gate	3,383.71	705.23
		<i>For Gate With Barb Wire Arm, Add</i>	217.07	
		<i>For Vinyl Coated, Add</i>	592.00	
32 31 13 13-0582	EA	20' Long x 7' High Sliding Gate	3,759.24	783.37
		<i>For Gate With Barb Wire Arm, Add</i>	241.18	
		<i>For Vinyl Coated, Add</i>	657.77	
32 31 13 13-0583	EA	24' Long x 7' High Sliding Gate	4,491.79	939.97
		<i>For Gate With Barb Wire Arm, Add</i>	287.30	
		<i>For Vinyl Coated, Add</i>	783.54	
32 31 13 13-0584	EA	30' Long x 7' High Sliding Gate	5,638.87	1,174.96
		<i>For Gate With Barb Wire Arm, Add</i>	361.77	
		<i>For Vinyl Coated, Add</i>	986.66	
32 31 13 13-0585	EA	40' Long x 7' High Sliding Gate	7,518.49	1,566.65
		<i>For Gate With Barb Wire Arm, Add</i>	482.37	
		<i>For Vinyl Coated, Add</i>	1,315.55	
32 31 13 13-0586 8' High Sliding Gate (32 31 13 13-0545)				
32 31 13 13-0587	EA	10' Long x 8' High Sliding Gate	1,977.97	424.60
		<i>For Gate With Barb Wire Arm, Add</i>	124.16	
		<i>For Vinyl Coated, Add</i>	338.63	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0588	EA		12' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,371.13 149.00 406.36	508.33
32 31 13 13-0589	EA		14' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,766.36 173.83 474.08	593.08
32 31 13 13-0590	EA		16' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,161.76 198.66 541.81	677.83
32 31 13 13-0591	EA		18' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,556.22 223.50 609.53	762.24
32 31 13 13-0592	EA		20' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,951.70 248.33 677.26	847.08
32 31 13 13-0593	EA		24' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,722.37 295.81 806.75	1,016.58
32 31 13 13-0594	EA		30' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,928.18 372.49 1,015.89	1,270.91
32 31 13 13-0595	EA		40' Long x 8' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	7,901.71 496.66 1,354.52	1,693.31
32 31 13 13-0596			9' High Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0597	EA		10' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,093.56 128.39 350.15	463.20
32 31 13 13-0598	EA		12' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,508.82 154.06 420.18	554.14
32 31 13 13-0599	EA		14' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,926.74 179.74 490.21	646.36
32 31 13 13-0600	EA		16' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,345.41 205.42 560.24	739.00
32 31 13 13-0601	EA		18' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,763.49 231.10 630.26	831.30
32 31 13 13-0602	EA		20' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,181.57 256.78 700.30	923.60
32 31 13 13-0603	EA		24' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,997.09 305.87 834.19	1,108.20
32 31 13 13-0604	EA		30' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	6,271.59 385.16 1,050.44	1,385.10
32 31 13 13-0605	EA		40' Long x 9' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	8,365.16 513.55 1,400.59	1,848.30
32 31 13 13-0606			10' High Sliding Gate <small>(32 31 13 13-0545)</small>		
32 31 13 13-0607	EA		10' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,236.40 133.91 365.21	509.52
32 31 13 13-0608	EA		12' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	2,683.68 160.69 438.25	611.41
32 31 13 13-0609	EA		14' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,131.30 187.47 511.29	713.47
32 31 13 13-0610	EA		16' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,578.44 214.26 584.33	815.35
32 31 13 13-0611	EA		18' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,025.51 241.04 657.37	917.15
32 31 13 13-0612	EA		20' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,472.80 267.82 730.42	1,019.04
32 31 13 13-0613	EA		24' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	5,346.80 319.03 870.07	1,223.32
32 31 13 13-0614	EA		30' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	6,709.19 401.73 1,095.62	1,528.56
32 31 13 13-0615	EA		40' Long x 10' High Sliding Gate..... <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	8,943.16 535.64 1,460.83	2,036.89

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0616	Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller ⁽³²⁾		
	<small>31 13 13-0620</small>		
	Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, rails, wheel rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0020 for gate operators.		
32 31 13 13-0617	EA 5' High x 10' Wide Galvanized Cantilever Sliding Gate.....	2,831.92	339.34
	For Gate With Single Barb Wire Arm, Add	236.86	
	For Gate With Double Barb Wire Arm, Add	344.52	
	For Aluminized Steel Gate And Post, Add	1,033.55	
	For Powder Coated Gate And Post, Add	452.18	
	For Vinyl Coated, Add	645.97	
32 31 13 13-0618	EA 5' High x 12' Wide Galvanized Cantilever Sliding Gate.....	3,148.16	424.17
	For Gate With Single Barb Wire Arm, Add	252.98	
	For Gate With Double Barb Wire Arm, Add	367.97	
	For Aluminized Steel Gate And Post, Add	1,103.91	
	For Powder Coated Gate And Post, Add	482.96	
	For Vinyl Coated, Add	689.94	
32 31 13 13-0619	EA 5' High x 15' Wide Galvanized Cantilever Sliding Gate.....	3,466.42	509.01
	For Gate With Single Barb Wire Arm, Add	269.32	
	For Gate With Double Barb Wire Arm, Add	391.74	
	For Aluminized Steel Gate And Post, Add	1,175.23	
	For Powder Coated Gate And Post, Add	514.16	
	For Vinyl Coated, Add	734.52	
32 31 13 13-0620	EA 5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	4,132.21	678.69
	For Gate With Single Barb Wire Arm, Add	305.23	
	For Gate With Double Barb Wire Arm, Add	443.98	
	For Aluminized Steel Gate And Post, Add	1,331.93	
	For Powder Coated Gate And Post, Add	582.72	
	For Vinyl Coated, Add	832.46	
32 31 13 13-0621	EA 6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	3,878.93	678.69
	For Gate With Single Barb Wire Arm, Add	277.37	
	For Gate With Double Barb Wire Arm, Add	403.45	
	For Aluminized Steel Gate And Post, Add	1,210.35	
	For Powder Coated Gate And Post, Add	529.53	
	For Vinyl Coated, Add	756.47	
32 31 13 13-0622	EA 6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	4,621.33	890.77
	For Gate With Single Barb Wire Arm, Add	312.38	
	For Gate With Double Barb Wire Arm, Add	454.37	
	For Aluminized Steel Gate And Post, Add	1,363.10	
	For Powder Coated Gate And Post, Add	596.36	
	For Vinyl Coated, Add	851.94	
32 31 13 13-0623	EA 6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	6,065.38	1,102.86
	For Gate With Single Barb Wire Arm, Add	424.56	
	For Gate With Double Barb Wire Arm, Add	617.55	
	For Aluminized Steel Gate And Post, Add	1,852.64	
	For Powder Coated Gate And Post, Add	810.53	
	For Vinyl Coated, Add	1,157.90	
32 31 13 13-0624	EA 6' High x 30' Wide Galvanized Cantilever Sliding Gate.....	6,889.52	1,314.94
	For Gate With Single Barb Wire Arm, Add	468.56	
	For Gate With Double Barb Wire Arm, Add	681.54	
	For Aluminized Steel Gate And Post, Add	2,044.62	
	For Powder Coated Gate And Post, Add	894.52	
	For Vinyl Coated, Add	1,277.89	
32 31 13 13-0625	EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate.....	4,581.64	848.35
	For Gate With Single Barb Wire Arm, Add	317.34	
	For Gate With Double Barb Wire Arm, Add	461.59	
	For Aluminized Steel Gate And Post, Add	1,384.77	
	For Powder Coated Gate And Post, Add	605.84	
	For Vinyl Coated, Add	865.48	
32 31 13 13-0626	EA 8' High x 20' Wide Galvanized Cantilever Sliding Gate.....	5,539.03	1,145.27
	For Gate With Single Barb Wire Arm, Add	357.33	
	For Gate With Double Barb Wire Arm, Add	519.76	
	For Aluminized Steel Gate And Post, Add	1,559.27	
	For Powder Coated Gate And Post, Add	682.18	
	For Vinyl Coated, Add	974.54	
32 31 13 13-0627	EA 8' High x 25' Wide Galvanized Cantilever Sliding Gate.....	7,299.51	1,442.19
	For Gate With Single Barb Wire Arm, Add	485.66	
	For Gate With Double Barb Wire Arm, Add	706.42	
	For Aluminized Steel Gate And Post, Add	2,119.26	
	For Powder Coated Gate And Post, Add	927.18	
	For Vinyl Coated, Add	1,324.54	
32 31 13 13-0628	EA 8' High x 30' Wide Galvanized Cantilever Sliding Gate.....	8,265.49	1,696.70
	For Gate With Single Barb Wire Arm, Add	535.93	
	For Gate With Double Barb Wire Arm, Add	779.53	
	For Aluminized Steel Gate And Post, Add	2,338.60	
	For Powder Coated Gate And Post, Add	1,023.14	
	For Vinyl Coated, Add	1,461.62	
32 31 13 13-0629	Gate Accessories ^(32 31 13 13-0620)		
32 31 13 13-0630	EA Gate Center Stop, Cast Steel, Ground.....	18.46	
32 31 13 13-0631	EA Gate Latch, Malleable Galvanized Steel.....	30.93	
32 31 13 13-0632	EA Gate Keeper, Full Length, Galvanized Steel.....	134.41	
32 31 13 13-0633	EA Gate Keeper Hold-Open For Cantilever Gate.....	67.95	14.59
32 31 13 13-0634	EA Heavy Duty Gate Latch, Malleable Galvanized Steel.....	39.00	
32 31 13 13-0635	EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	766.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0636	EA		Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	821.66	
32 31 13 13-0637	EA		Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	877.02	
32 31 13 13-0638			Accessories (32 31 13 13)		
32 31 13 13-0639			Barbed And Concertina Wire (32 31 13 13-0638)		
32 31 13 13-0640			Single Strand Barbed Wire (32 31 13 13-0639)		
32 31 13 13-0641	LF		Galvanized Barbed Wire, Per Strand..... Note: Includes clips. 4 points 12-1/2 Gauge, Class I. For >500 To 2,000, Deduct For >2,000, Deduct	0.82 -0.08 -0.12	0.38
32 31 13 13-0642	LF		Vinyl Coated Barbed Wire (Fused), Per Strand	0.90	0.38
			Note: Includes clips. For >500 To 2,000, Deduct For >2,000, Deduct	-0.08 -0.13	
32 31 13 13-0643	EA		Barbed Wire Extension Arms 3 Strands (Single Arm).....	8.37	6.15
32 31 13 13-0644	EA		Barbed Wire Extension Arms 6 Strands (Double Arm)	12.80	7.37
32 31 13 13-0645	EA		Barbed Wire Eye Tops (For Single Strand).....	8.96	6.15
32 31 13 13-0646			Galvanized Steel Concertina (Razor) Wire, Single Coil (32 31 13 13-0639)		
32 31 13 13-0647	LF		18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	2.54 -0.23 -0.46 -0.66 -0.39 1.77	0.54
32 31 13 13-0648	LF		18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	3.82 -0.34 -0.69 -1.00 -0.58 2.67	0.54
32 31 13 13-0649	LF		18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	5.07 -0.46 -0.91 -1.32 -0.77 3.54	0.54
32 31 13 13-0650	LF		24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	3.10 -0.28 -0.55 -0.79 -0.43 2.25	0.54
32 31 13 13-0651	LF		24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	4.68 -0.42 -0.83 -1.19 -0.64 3.40	0.54
32 31 13 13-0652	LF		24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	6.19 -0.55 -1.10 -1.58 -0.85 4.50	0.54
32 31 13 13-0653	LF		30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	7.41 -0.60 -1.21 -1.67 -0.48 6.45	0.54
32 31 13 13-0654	LF		30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	11.20 -0.91 -1.82 -2.53 -0.72 9.76	0.54
32 31 13 13-0655	LF		30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... For >500 To 1,500, Deduct For >1,500 To 5,000, Deduct For >5,000, Deduct For Ground Installation, Deduct For Double Coil (Helix), Add	14.82 -1.21 -2.42 -3.35 -0.96 12.90	0.54

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0656			Stainless Steel Concertina (Razor) Wire, Single Coil (32 31 13 13-0639)		
32 31 13 13-0657	LF		18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.14	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.27	
			<i>For >1,500 To 5,000, Deduct</i>	-0.55	
			<i>For >5,000, Deduct</i>	-0.78	
			<i>For Ground Installation, Deduct</i>	-0.39	
			<i>For Double Coil (Helix), Add</i>	2.37	
32 31 13 13-0658	LF		18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	4.73	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.41	
			<i>For >1,500 To 5,000, Deduct</i>	-0.83	
			<i>For >5,000, Deduct</i>	-1.18	
			<i>For Ground Installation, Deduct</i>	-0.58	
			<i>For Double Coil (Helix), Add</i>	3.58	
32 31 13 13-0659	LF		18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	6.27	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.55	
			<i>For >1,500 To 5,000, Deduct</i>	-1.09	
			<i>For >5,000, Deduct</i>	-1.56	
			<i>For Ground Installation, Deduct</i>	-0.77	
			<i>For Double Coil (Helix), Add</i>	4.74	
32 31 13 13-0660	LF		24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	3.90	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.34	
			<i>For >1,500 To 5,000, Deduct</i>	-0.67	
			<i>For >5,000, Deduct</i>	-0.95	
			<i>For Ground Installation, Deduct</i>	-0.43	
			<i>For Double Coil (Helix), Add</i>	3.05	
32 31 13 13-0661	LF		24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	5.89	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.51	
			<i>For >1,500 To 5,000, Deduct</i>	-1.01	
			<i>For >5,000, Deduct</i>	-1.43	
			<i>For Ground Installation, Deduct</i>	-0.64	
			<i>For Double Coil (Helix), Add</i>	4.61	
32 31 13 13-0662	LF		24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	7.79	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.67	
			<i>For >1,500 To 5,000, Deduct</i>	-1.34	
			<i>For >5,000, Deduct</i>	-1.90	
			<i>For Ground Installation, Deduct</i>	-0.85	
			<i>For Double Coil (Helix), Add</i>	6.10	
32 31 13 13-0663	LF		30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.44	0.54
			<i>For >500 To 1,500, Deduct</i>	-0.83	
			<i>For >1,500 To 5,000, Deduct</i>	-1.66	
			<i>For >5,000, Deduct</i>	-2.28	
			<i>For Ground Installation, Deduct</i>	-0.48	
			<i>For Double Coil (Helix), Add</i>	9.48	
32 31 13 13-0664	LF		30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	15.79	0.54
			<i>For >500 To 1,500, Deduct</i>	-1.26	
			<i>For >1,500 To 5,000, Deduct</i>	-2.51	
			<i>For >5,000, Deduct</i>	-3.45	
			<i>For Ground Installation, Deduct</i>	-0.72	
			<i>For Double Coil (Helix), Add</i>	14.35	
32 31 13 13-0665	LF		30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	20.88	0.54
			<i>For >500 To 1,500, Deduct</i>	-1.66	
			<i>For >1,500 To 5,000, Deduct</i>	-3.32	
			<i>For >5,000, Deduct</i>	-4.56	
			<i>For Ground Installation, Deduct</i>	-0.96	
			<i>For Double Coil (Helix), Add</i>	18.96	
32 31 13 13-0666			Grounding For Gates (32 31 13 13-0638) Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0667	OPN		Grounding For Gates (Per Opening)	373.04	
32 31 13 13-0668			Coiled Spring Reinforcing Wire (32 31 13 13-0638)		
32 31 13 13-0669			Galvanized Steel (32 31 13 13-0668)		
32 31 13 13-0670	LF		7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	0.88	0.38
32 31 13 13-0671			Vinyl Coated Steel (32 31 13 13-0668)		
32 31 13 13-0672	LF		9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	0.88	0.38
32 31 13 13-0673			Bending Of Fabric Around Pipe Railings (32 31 13 13-0638) Note: Only where specified.		
32 31 13 13-0674	LF		Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.25	
32 31 13 13-0675	LF		Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.09	

	MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM	UNIT COST	UNIT COST

32 31 13 13-0676		Mounting Plate With Anchors Or Bolts <small>(32 31 13 13-0638)</small>		
<small>Note: For drilling for anchor or bolts, installing post on or against flat surface.</small>				
32 31 13 13-0677	EA	Mounting Plate For 1-5/8" Diameter Post	28.26	
32 31 13 13-0678	EA	Mounting Plate For 2" Diameter Post.....	28.65	
32 31 13 13-0679	EA	Mounting Plate For 2-1/2" Diameter Post	29.55	
32 31 13 13-0680	EA	Mounting Plate For 3" Diameter Post.....	35.08	
32 31 13 13-0681	EA	Mounting Plate For 4" Diameter Post.....	40.01	
32 31 13 13-0682	EA	Mounting Plate For 6-5/8" Diameter Post	45.92	
32 31 13 13-0683	EA	Mounting Plate For 8-5/8" Diameter Post	53.70	

32 31 13 13-0684		Tension Bar <small>(32 31 13 13-0638)</small>		
32 31 13 13-0685	EA	3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	9.46	
32 31 13 13-0686	EA	3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	10.00	
32 31 13 13-0687	EA	4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	11.51	
32 31 13 13-0688	EA	5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	13.03	
32 31 13 13-0689	EA	6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	14.89	
32 31 13 13-0690	EA	7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.82	
32 31 13 13-0691	EA	8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	18.88	
32 31 13 13-0692	EA	9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	22.00	
32 31 13 13-0693	EA	10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	26.18	

32 31 13 13-0694 Fence And Gate Repair And Replacement (32 31 13 13)

32 31 13 13-0695		Fence And Gate Parts Replacement <small>(32 31 13 13-0694)</small>		
32 31 13 13-0696	EA	Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement.....	83.60	
32 31 13 13-0697	EA	Sliding Gate Roller Assembly Replacement	84.30	
32 31 13 13-0698	EA	Rod And Lock Gate Keeper Replacement.....	81.84	
32 31 13 13-0699	EA	Galvanized Gate Holdback Replacement	20.12	
32 31 13 13-0700	LF	3/8" Cross Bracing Rod Replacement	1.09	
32 31 13 13-0701	LF	1-5/8" Diagonal Pipe Bracing Replacement.....	1.67	
32 31 13 13-0702	EA	2-3/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	11.42	
32 31 13 13-0703	EA	3" Diameter Cast Steel Gate Hinge With Bolts, Replacement	13.28	
32 31 13 13-0704	EA	4" Diameter Cast Steel Gate Hinge With Bolts, Replacement	15.07	
32 31 13 13-0705	EA	6-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	26.53	
32 31 13 13-0706	EA	8-5/8" Diameter Cast Steel Gate Hinge With Bolts, Replacement	31.66	
32 31 13 13-0707	EA	2-1/2" x 2" Off Set Gate Hinge Replacement	17.96	
32 31 13 13-0708	EA	3" x 2" Off Set Gate Hinge Replacement	18.78	
32 31 13 13-0709	EA	4" x 2" Off Set Gate Hinge Replacement	20.08	
32 31 13 13-0710	EA	6-5/8" x 2" Off Set Gate Hinge Replacement	31.02	
32 31 13 13-0711	EA	8-5/8" x 2" Off Set Gate Hinge Replacement	47.10	
32 31 13 13-0712	EA	1-5/8" Aluminum Die-Cast Post Cap Replacement.....	4.01	
32 31 13 13-0713	EA	2" Aluminum Die-Cast Post Cap Replacement.....	4.39	
32 31 13 13-0714	EA	2-1/2" Aluminum Die-Cast Post Cap Replacement.....	4.96	
32 31 13 13-0715	EA	3" Aluminum Die-Cast Post Cap Replacement.....	5.61	
32 31 13 13-0716	EA	2" Galvanized Post Cap Replacement.....	4.83	
32 31 13 13-0717	EA	2-1/2" Galvanized Post Cap Replacement.....	5.25	
32 31 13 13-0718	EA	3" Galvanized Post Cap Replacement.....	5.97	
32 31 13 13-0719	EA	4" Galvanized Post Cap Replacement.....	8.40	
32 31 13 13-0720	EA	6-5/8" Galvanized Post Cap Replacement.....	14.55	
32 31 13 13-0721	EA	8-5/8" Galvanized Post Cap Replacement.....	23.30	
32 31 13 13-0722	EA	1-5/8" Boulevard Clamp Replacement.....	8.22	
32 31 13 13-0723	EA	2" Boulevard Clamp Replacement.....	9.99	
32 31 13 13-0724	EA	2-1/2" Boulevard Clamp Replacement.....	11.72	
32 31 13 13-0725	EA	3" Boulevard Clamp Replacement.....	14.22	
32 31 13 13-0726	EA	1-5/8" Gate Brace Or End Rail Clamp Replacement	8.09	
32 31 13 13-0727	EA	2" Gate Brace Or End Rail Clamp Replacement	9.82	
32 31 13 13-0728	EA	2-1/2" Gate Brace Or End Rail Clamp Replacement	11.55	
32 31 13 13-0729	EA	3" Gate Brace Or End Rail Clamp Replacement	14.04	
32 31 13 13-0730	EA	1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.22	
32 31 13 13-0731	EA	1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.27	
32 31 13 13-0732	EA	2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.42	
32 31 13 13-0733	EA	2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.36	
32 31 13 13-0734	EA	3" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.47	
32 31 13 13-0735	EA	3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.56	
32 31 13 13-0736	EA	4" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	8.82	
32 31 13 13-0737	EA	6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	10.75	

32 31 13 13-0738		Remove And Reinstall Chain Link Fences <small>(32 31 13 13)</small>		
<small>Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.</small>				
32 31 13 13-0739	LF	Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	15.36	
32 31 13 13-0740	LF	Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	23.04	

32 31 16 Welded Wire Fences And Gates (32 31)

32 31 16 00-0001		Welded Wire Fence <small>(32 31 16)</small>		
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh <small>(32 31 16 00-0001)</small>		
<small>Note: Posts 5' on center.</small>				
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....	7.47	1.41
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....	7.92	1.41

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 16 00-0005	14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh (32 31 16 00-0001)		
	Note: Posts 5' on center.		
32 31 16 00-0006	LF 3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....	7.38	1.41
32 31 16 00-0007	LF 5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....	7.78	1.41
32 31 19	Decorative Metal Fences And Gates (32 31)		
	See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001	Wrought Iron Fence (32 31 19)		
	Note: Factory primed.		
32 31 19 00-0002	Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center (32 31 19 00-0001)		
	Note: Factory primed.		
32 31 19 00-0003	LF 3' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	58.01	8.44
	For Verticals Up To 2" On Center, Add	8.22	
	For Verticals >2" To 2-1/2" On Center, Add	4.11	
	For Verticals >3" To 4" On Center, Deduct	-4.11	
	For Verticals >4" To 6" On Center, Deduct	-8.22	
32 31 19 00-0004	LF 4' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	75.25	10.75
	For Verticals Up To 2" On Center, Add	10.90	
	For Verticals >2" To 2-1/2" On Center, Add	5.45	
	For Verticals >3" To 4" On Center, Deduct	-5.45	
	For Verticals >4" To 6" On Center, Deduct	-10.90	
32 31 19 00-0005	LF 5' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	91.30	11.21
	For Verticals Up To 2" On Center, Add	13.74	
	For Verticals >2" To 2-1/2" On Center, Add	6.87	
	For Verticals >3" To 4" On Center, Deduct	-6.87	
	For Verticals >4" To 6" On Center, Deduct	-13.74	
32 31 19 00-0006	LF 6' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	110.76	13.52
	For Verticals Up To 2" On Center, Add	16.73	
	For Verticals >2" To 2-1/2" On Center, Add	8.37	
	For Verticals >3" To 4" On Center, Deduct	-8.37	
	For Verticals >4" To 6" On Center, Deduct	-16.73	
32 31 19 00-0007	LF 7' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	132.59	14.31
	For Verticals Up To 2" On Center, Add	20.80	
	For Verticals >2" To 2-1/2" On Center, Add	10.40	
	For Verticals >3" To 4" On Center, Deduct	-10.40	
	For Verticals >4" To 6" On Center, Deduct	-20.80	
32 31 19 00-0008	LF 8' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	154.41	15.05
	For Verticals Up To 2" On Center, Add	24.86	
	For Verticals >2" To 2-1/2" On Center, Add	12.43	
	For Verticals >3" To 4" On Center, Deduct	-12.43	
	For Verticals >4" To 6" On Center, Deduct	-24.86	
32 31 19 00-0009	LF 10' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	190.36	16.90
	For Verticals Up To 2" On Center, Add	31.31	
	For Verticals >2" To 2-1/2" On Center, Add	15.66	
	For Verticals >3" To 4" On Center, Deduct	-15.66	
	For Verticals >4" To 6" On Center, Deduct	-31.31	
32 31 19 00-0010	LF 12' Wrought Iron Fence, Verticals At >2-1/2" To 3" On Center	226.40	19.20
	For Verticals Up To 2" On Center, Add	37.60	
	For Verticals >2" To 2-1/2" On Center, Add	18.80	
	For Verticals >3" To 4" On Center, Deduct	-18.80	
	For Verticals >4" To 6" On Center, Deduct	-37.60	
32 31 19 00-0011	Wrought Iron Gates (32 31 19 00-0001)		
	Note: Factory primed.		
32 31 19 00-0012	Single Wrought Iron Gates (32 31 19 00-0011)		
	Note: Factory primed.		
32 31 19 00-0013	LF 3' Single Wrought Iron Gate, Hardware And Associated Trim	72.20	10.29
32 31 19 00-0014	LF 4' Single Wrought Iron Gate, Hardware And Associated Trim	94.83	12.75
32 31 19 00-0015	LF 5' Single Wrought Iron Gate, Hardware And Associated Trim	116.91	15.36
32 31 19 00-0016	LF 6' Single Wrought Iron Gate, Hardware And Associated Trim	142.51	18.44
32 31 19 00-0017	LF 8' Single Wrought Iron Gate, Hardware And Associated Trim	198.23	20.43
32 31 19 00-0018	LF 10' Single Wrought Iron Gate, Hardware And Associated Trim	243.61	22.58
32 31 19 00-0019	LF 12' Single Wrought Iron Gate, Hardware And Associated Trim	288.08	25.65
32 31 19 00-0020	Double Wrought Iron Gates (32 31 19 00-0011)		
	Note: Factory primed.		
32 31 19 00-0021	LF 3' Double Wrought Iron Gate, Hardware And Associated Trim	88.93	9.21
32 31 19 00-0022	LF 4' Double Wrought Iron Gate, Hardware And Associated Trim	117.33	11.52
32 31 19 00-0023	LF 5' Double Wrought Iron Gate, Hardware And Associated Trim	144.14	13.82
32 31 19 00-0024	LF 6' Double Wrought Iron Gate, Hardware And Associated Trim	175.36	16.59
32 31 19 00-0025	LF 8' Double Wrought Iron Gate, Hardware And Associated Trim	244.83	18.44
32 31 19 00-0026	LF 10' Double Wrought Iron Gate, Hardware And Associated Trim	301.30	20.28
32 31 19 00-0027	LF 12' Double Wrought Iron Gate, Hardware And Associated Trim	356.71	23.04
32 31 19 00-0028	Repair Or Replace Wrought Iron Fence (32 31 19 00-0001)		
32 31 19 00-0029	LF Replace Wrought Iron Picket	17.67	
32 31 19 00-0030	LF Replace Wrought Iron Post	27.66	
32 31 19 00-0031	EA Straighten Wrought Iron Post	61.45	

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

32 31 19 00-0032			Steel Tube Fence, Galvanized <small>(32 31 19)</small> Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0033			Steel Tube Fence, 2 Rail <small>(32 31 19 00-0032)</small>		
32 31 19 00-0034	LF	3'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	41.93	8.44
			For Verticals Up To 2" On Center, Add	5.07	
			For Verticals >2" To 2-1/2" On Center, Add	2.54	
			For Verticals >3" To 4" On Center, Deduct	-2.54	
			For Verticals >4" To 6" On Center, Deduct	-5.07	
			For Powder Coated Finish, Add	3.81	
			For Solid Pickets, Add	8.19	
			For Aluminum With Satin Finish, Add	5.13	
			For Third Rail, Add	1.90	
			For 1" Square x 14 Gauge Pickets, Add	6.34	
			For Color, Add	1.27	
			For 3" Square Posts, Add	2.54	
32 31 19 00-0035	LF	4'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	47.75	9.98
			For Verticals Up To 2" On Center, Add	5.64	
			For Verticals >2" To 2-1/2" On Center, Add	2.82	
			For Verticals >3" To 4" On Center, Deduct	-2.82	
			For Verticals >4" To 6" On Center, Deduct	-5.64	
			For Powder Coated Finish, Add	4.23	
			For Solid Pickets, Add	9.28	
			For Aluminum With Satin Finish, Add	5.52	
			For Third Rail, Add	2.11	
			For 1" Square x 14 Gauge Pickets, Add	7.05	
			For Color, Add	1.41	
			For 3" Square Posts, Add	2.82	
32 31 19 00-0036	LF	5'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	51.47	11.21
			For Verticals Up To 2" On Center, Add	5.78	
			For Verticals >2" To 2-1/2" On Center, Add	2.89	
			For Verticals >3" To 4" On Center, Deduct	-2.89	
			For Verticals >4" To 6" On Center, Deduct	-5.78	
			For Powder Coated Finish, Add	4.33	
			For Solid Pickets, Add	9.89	
			For Aluminum With Satin Finish, Add	5.28	
			For Third Rail, Add	2.17	
			For 1" Square x 14 Gauge Pickets, Add	7.22	
			For Color, Add	1.44	
			For 3" Square Posts, Add	2.89	
32 31 19 00-0037	LF	6'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	59.39	12.67
			For Verticals Up To 2" On Center, Add	6.81	
			For Verticals >2" To 2-1/2" On Center, Add	3.41	
			For Verticals >3" To 4" On Center, Deduct	-3.41	
			For Verticals >4" To 6" On Center, Deduct	-6.81	
			For Powder Coated Finish, Add	5.11	
			For Solid Pickets, Add	11.46	
			For Aluminum With Satin Finish, Add	6.41	
			For Third Rail, Add	2.55	
			For 1" Square x 14 Gauge Pickets, Add	8.51	
			For Color, Add	1.70	
			For 3" Square Posts, Add	3.41	
32 31 19 00-0038	LF	7'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	67.54	13.82
			For Verticals Up To 2" On Center, Add	7.98	
			For Verticals >2" To 2-1/2" On Center, Add	3.99	
			For Verticals >3" To 4" On Center, Deduct	-3.99	
			For Verticals >4" To 6" On Center, Deduct	-7.98	
			For Powder Coated Finish, Add	5.98	
			For Solid Pickets, Add	13.12	
			For Aluminum With Satin Finish, Add	7.82	
			For Third Rail, Add	2.99	
			For 1" Square x 14 Gauge Pickets, Add	9.97	
			For Color, Add	1.99	
			For 4" Square Posts, Add	13.96	
32 31 19 00-0039	LF	8'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	75.84	15.05
			For Verticals Up To 2" On Center, Add	9.15	
			For Verticals >2" To 2-1/2" On Center, Add	4.57	
			For Verticals >3" To 4" On Center, Deduct	-4.57	
			For Verticals >4" To 6" On Center, Deduct	-9.15	
			For Powder Coated Finish, Add	6.86	
			For Solid Pickets, Add	14.81	
			For Aluminum With Satin Finish, Add	9.20	
			For Third Rail, Add	3.43	
			For 1" Square x 14 Gauge Pickets, Add	11.43	
			For Color, Add	2.29	
			For 4" Square Posts, Add	16.01	
32 31 19 00-0040	LF	9'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	87.25	16.13
			For Verticals Up To 2" On Center, Add	11.00	
			For Verticals >2" To 2-1/2" On Center, Add	5.50	
			For Verticals >3" To 4" On Center, Deduct	-5.50	
			For Verticals >4" To 6" On Center, Deduct	-11.00	
			For Powder Coated Finish, Add	8.25	
			For Solid Pickets, Add	17.21	
			For Aluminum With Satin Finish, Add	11.66	
			For Third Rail, Add	4.12	
			For 1" Square x 14 Gauge Pickets, Add	13.75	
			For Color, Add	2.75	
			For 4" Square Posts, Add	19.25	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 19 00-0041	LF 10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	98.82	17.28
	For Verticals Up To 2" On Center, Add	12.85	
	For Verticals >2" To 2-1/2" On Center, Add	6.43	
	For Verticals >3" To 4" On Center, Deduct	-6.43	
	For Verticals >4" To 6" On Center, Deduct	-12.85	
	For Powder Coated Finish, Add	9.64	
	For Solid Pickets, Add	19.64	
	For Aluminum With Satin Finish, Add	14.09	
	For Third Rail, Add	4.82	
	For 1" Square x 14 Gauge Pickets, Add	16.06	
	For Color, Add	3.21	
	For 6" Square Posts, Add	22.49	
32 31 19 00-0042	LF 12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	115.61	19.20
	For Verticals Up To 2" On Center, Add	15.44	
	For Verticals >2" To 2-1/2" On Center, Add	7.72	
	For Verticals >3" To 4" On Center, Deduct	-7.72	
	For Verticals >4" To 6" On Center, Deduct	-15.44	
	For Powder Coated Finish, Add	11.58	
	For Solid Pickets, Add	23.13	
	For Aluminum With Satin Finish, Add	17.40	
	For Third Rail, Add	5.79	
	For 1" Square x 14 Gauge Pickets, Add	19.30	
	For Color, Add	3.86	
	For 6" Square Posts, Add	27.02	
32 31 19 00-0043	LF 14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	123.95	20.74
	For Verticals Up To 2" On Center, Add	16.50	
	For Verticals >2" To 2-1/2" On Center, Add	8.25	
	For Verticals >3" To 4" On Center, Deduct	-8.25	
	For Verticals >4" To 6" On Center, Deduct	-16.50	
	For Powder Coated Finish, Add	12.37	
	For Solid Pickets, Add	24.78	
	For Aluminum With Satin Finish, Add	18.52	
	For Third Rail, Add	6.19	
	For 1" Square x 14 Gauge Pickets, Add	20.62	
	For Color, Add	4.12	
	For 6" Square Posts, Add	28.87	
32 31 19 00-0044	Steel Tube Swing Gates (32 31 19 00-0032)		
32 31 19 00-0045	4' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0044)		
32 31 19 00-0046	EA 4' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	637.77	19.20
	For Solid Pickets, Add	139.18	
	For Aluminum With Satin Finish, Add	165.41	
	For Third Rail, Add	43.51	
	For 1" Square x 14 Gauge Pickets, Add	58.02	
	For Color, Add	29.01	
32 31 19 00-0047	EA 5' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	711.24	20.43
	For Solid Pickets, Add	155.42	
	For Aluminum With Satin Finish, Add	185.72	
	For Third Rail, Add	48.73	
	For 1" Square x 14 Gauge Pickets, Add	64.98	
	For Color, Add	32.49	
32 31 19 00-0048	EA 6' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	769.95	24.57
	For Solid Pickets, Add	167.71	
	For Aluminum With Satin Finish, Add	197.80	
	For Third Rail, Add	52.22	
	For 1" Square x 14 Gauge Pickets, Add	69.62	
	For Color, Add	34.81	
32 31 19 00-0049	EA 7' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	944.68	28.65
	For Solid Pickets, Add	206.10	
	For Aluminum With Satin Finish, Add	244.69	
	For Third Rail, Add	64.40	
	For 1" Square x 14 Gauge Pickets, Add	85.87	
	For Color, Add	42.93	
32 31 19 00-0050	EA 8' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,060.72	28.65
	For Solid Pickets, Add	232.21	
	For Aluminum With Satin Finish, Add	279.50	
	For Third Rail, Add	73.10	
	For 1" Square x 14 Gauge Pickets, Add	97.47	
	For Color, Add	48.73	
32 31 19 00-0051	EA 9' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,178.12	36.86
	For Solid Pickets, Add	256.78	
	For Aluminum With Satin Finish, Add	303.67	
	For Third Rail, Add	80.06	
	For 1" Square x 14 Gauge Pickets, Add	106.75	
	For Color, Add	53.38	
32 31 19 00-0052	EA 10' Wide x 4' High Steel Tube Swing Gate, Hardware And Associated Trim.....	1,283.22	40.94
	For Solid Pickets, Add	279.51	
	For Aluminum With Satin Finish, Add	329.67	
	For Third Rail, Add	87.03	
	For 1" Square x 14 Gauge Pickets, Add	116.03	
	For Color, Add	58.02	
32 31 19 00-0053	5' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0044)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0054	EA	4' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	688.04 150.20 178.76 46.99 62.66 31.33	20.43
32 31	19 00-0055	EA	5' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	761.50 166.44 199.07 52.22 69.62 34.81	21.73
32 31	19 00-0056	EA	6' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	820.97 178.84 211.03 55.70 74.26 37.13	26.11
32 31	19 00-0057	EA	7' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	996.47 217.35 257.81 67.88 90.51 45.25	30.42
32 31	19 00-0058	EA	8' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,149.54 250.75 297.51 78.32 104.43 52.22	35.03
32 31	19 00-0059	EA	9' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,255.41 273.60 323.40 85.29 113.71 56.86	39.40
32 31	19 00-0060	EA	10' Wide x 5' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,384.51 301.66 356.25 93.99 125.32 62.66	43.70
32 31	19 00-0061		6' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0044)		
32 31	19 00-0062	EA	4' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	762.04 166.52 198.99 52.22 69.62 34.81	21.88
32 31	19 00-0063	EA	5' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	835.73 182.80 219.26 57.44 76.58 38.29	23.27
32 31	19 00-0064	EA	6' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	896.72 195.43 231.00 60.92 81.22 40.61	28.11
32 31	19 00-0065	EA	7' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,073.77 234.17 277.55 73.10 97.47 48.73	33.03
32 31	19 00-0066	EA	8' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,212.91 264.44 313.07 82.50 110.00 55.00	37.63
32 31	19 00-0067	EA	9' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,334.25 290.64 342.90 90.51 120.68 60.34	42.47
32 31	19 00-0068	EA	10' Wide x 6' High Steel Tube Swing Gate, Hardware And Associated Trim..... For Solid Pickets, Add For Aluminum With Satin Finish, Add For Third Rail, Add For 1" Square x 14 Gauge Pickets, Add For Color, Add	1,464.87 318.94 375.53 99.21 132.28 66.14	47.31
32 31	19 00-0069		7' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0044)		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 31 19 00-0070	EA	4' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	775.77	23.58
		<i>For Solid Pickets, Add</i>	169.23	
		<i>For Aluminum With Satin Finish, Add</i>	200.83	
		<i>For Third Rail, Add</i>	52.87	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	70.49	
		<i>For Color, Add</i>	35.24	
32 31 19 00-0071	EA	5' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	862.30	24.81
		<i>For Solid Pickets, Add</i>	188.43	
		<i>For Aluminum With Satin Finish, Add</i>	225.17	
		<i>For Third Rail, Add</i>	59.09	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	78.78	
		<i>For Color, Add</i>	39.39	
32 31 19 00-0072	EA	6' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	944.77	30.19
		<i>For Solid Pickets, Add</i>	205.78	
		<i>For Aluminum With Satin Finish, Add</i>	242.65	
		<i>For Third Rail, Add</i>	64.06	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	85.41	
		<i>For Color, Add</i>	42.71	
32 31 19 00-0073	EA	7' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,163.29	35.33
		<i>For Solid Pickets, Add</i>	253.79	
		<i>For Aluminum With Satin Finish, Add</i>	301.30	
		<i>For Third Rail, Add</i>	79.30	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	105.73	
		<i>For Color, Add</i>	52.87	
32 31 19 00-0074	EA	8' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,386.73	40.63
		<i>For Solid Pickets, Add</i>	302.86	
		<i>For Aluminum With Satin Finish, Add</i>	361.07	
		<i>For Third Rail, Add</i>	94.85	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	126.46	
		<i>For Color, Add</i>	63.23	
32 31 19 00-0075	EA	9' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,422.83	45.78
		<i>For Solid Pickets, Add</i>	309.83	
		<i>For Aluminum With Satin Finish, Add</i>	364.98	
		<i>For Third Rail, Add</i>	96.40	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	128.54	
		<i>For Color, Add</i>	64.27	
32 31 19 00-0076	EA	10' Wide x 7' High Steel Tube Swing Gate, Hardware And Associated Trim	1,563.35	51.15
		<i>For Solid Pickets, Add</i>	340.23	
		<i>For Aluminum With Satin Finish, Add</i>	399.88	
		<i>For Third Rail, Add</i>	105.73	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	140.97	
		<i>For Color, Add</i>	70.49	
32 31 19 00-0077		8' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0044)</small>		
32 31 19 00-0078	EA	4' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	864.61	25.57
		<i>For Solid Pickets, Add</i>	188.78	
		<i>For Aluminum With Satin Finish, Add</i>	224.82	
		<i>For Third Rail, Add</i>	59.09	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	78.78	
		<i>For Color, Add</i>	39.39	
32 31 19 00-0079	EA	5' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	977.09	28.49
		<i>For Solid Pickets, Add</i>	213.42	
		<i>For Aluminum With Satin Finish, Add</i>	254.59	
		<i>For Third Rail, Add</i>	66.86	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	89.15	
		<i>For Color, Add</i>	44.57	
32 31 19 00-0080	EA	6' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,008.95	32.26
		<i>For Solid Pickets, Add</i>	219.76	
		<i>For Aluminum With Satin Finish, Add</i>	259.14	
		<i>For Third Rail, Add</i>	68.41	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	91.22	
		<i>For Color, Add</i>	45.61	
32 31 19 00-0081	EA	7' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,256.97	38.86
		<i>For Solid Pickets, Add</i>	274.06	
		<i>For Aluminum With Satin Finish, Add</i>	324.56	
		<i>For Third Rail, Add</i>	85.52	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	114.02	
		<i>For Color, Add</i>	57.01	
32 31 19 00-0082	EA	8' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,483.50	45.24
		<i>For Solid Pickets, Add</i>	323.59	
		<i>For Aluminum With Satin Finish, Add</i>	383.87	
		<i>For Third Rail, Add</i>	101.07	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	134.76	
		<i>For Color, Add</i>	67.38	
32 31 19 00-0083	EA	9' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,544.92	51.92
		<i>For Solid Pickets, Add</i>	335.91	
		<i>For Aluminum With Satin Finish, Add</i>	393.32	
		<i>For Third Rail, Add</i>	104.18	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	138.90	
		<i>For Color, Add</i>	69.45	
32 31 19 00-0084	EA	10' Wide x 8' High Steel Tube Swing Gate, Hardware And Associated Trim	1,647.80	58.60
		<i>For Solid Pickets, Add</i>	357.56	
		<i>For Aluminum With Satin Finish, Add</i>	415.20	
		<i>For Third Rail, Add</i>	110.39	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>	147.19	
		<i>For Color, Add</i>	73.60	

32 31 19 00-0085 Replace Steel Tube Fence Pickets (32 31 19 00-0032)

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

32 31	19 00-0086	LF	Replace 3/4" Square x 16 Gauge Steel Tube Fence Picket <i>For 1" Square x 14 Gauge Pickets, Add</i>	19.69 0.43	
-------	------------	----	--	---------------	--

32 31 19 00-0087 Remove And Reinstall Ornamental Fences (32 31 19)

Note: Removal and reinstallation of fences including storage and cleaning. Excludes augering and concrete.

32 31	19 00-0088	LF	Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	34.57	
32 31	19 00-0089	LF	Removal And Reinstallation Of Ornamental Fence, 6' Height	38.01	
32 31	19 00-0090	LF	Removal And Reinstallation Of Ornamental Fence, 7' Height	41.47	
32 31	19 00-0091	LF	Removal And Reinstallation Of Ornamental Fence, 8' Height	44.93	
32 31	19 00-0092	LF	Removal And Reinstallation Of Ornamental Fence, 9' Height	48.39	
32 31	19 00-0093	LF	Removal And Reinstallation Of Ornamental Fence, 10' Height	51.84	
32 31	19 00-0094	LF	Removal And Reinstallation Of Ornamental Fence 12' Height	57.60	

32 31 26 Wire Fences And Gates (32 31)
32 31 26 00-0001 Wire And Screen (32 31 26)
32 31 26 00-0002 Wire And Screen For Partitions And Fences (32 31 26 00-0001)

Note: Excludes framing and post.

32 31 26 00-0003 Screen Wire (32 31 26 00-0002)

32 31	26 00-0004	LF	Screen Wire, 48" Wide Rolls.....	8.73	0.80
-------	------------	----	----------------------------------	------	------

32 31 26 00-0005 Hog Wire (32 31 26 00-0002)

32 31	26 00-0006	SF	4" x 4" Hog Wire For Fencing	1.58	0.64
32 31	26 00-0007	SF	6" x 6" Hog Wire For Fencing	1.66	0.72

32 31 26 00-0008 Non-Climb Horse Fence (32 31 26 00-0002)

32 31	26 00-0009	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	7.00	2.55
32 31	26 00-0010	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	8.93	3.19
32 31	26 00-0011	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	11.11	3.83

32 31 26 00-0012 Screen For Partitions And Ceilings (32 31 26 00-0001)

Note: Can be used to support insulation on walls and ceilings.

32 31	26 00-0013	SF	1" Mesh Chicken Wire	1.38	
-------	------------	----	----------------------------	------	--

32 31 29 Wood Fences And Gates (32 31)

See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.

32 31 29 00-0001 Basket Weave (32 31 29)

Note: 3/8" x 4" boards, 4" x 4" post

32 31	29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post.....	23.90	2.81
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.49	
32 31	29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post.....	17.96	2.81
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.21	

32 31 29 00-0004 Board Fence (32 31 29)

Note: 1x4" board, 2x4" rail, 4x4" post.

32 31	29 00-0005	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated.....	16.21	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.08	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	2.69	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.14	
32 31	29 00-0006	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated.....	17.71	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.24	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	2.90	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.23	
32 31	29 00-0007	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated.....	19.07	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.35	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.03	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.32	
32 31	29 00-0008	LF	Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated.....	20.12	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.46	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.16	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.38	
32 31	29 00-0009	LF	Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated.....	21.20	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.57	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.29	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.45	
32 31	29 00-0010	LF	Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar.....	16.75	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.10	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	2.71	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.16	
32 31	29 00-0011	LF	Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar.....	18.13	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.26	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	2.91	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.26	
32 31	29 00-0012	LF	Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar.....	19.07	2.81
			<i>For 1" x 6" Boards, Deduct</i>	-2.35	
			<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.03	
			<i>For Screwing Of Boards Instead Of Nails, Add</i>	1.32	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences And Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0013	LF		Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar.....	20.12	2.81
			For 1" x 6" Boards, Deduct	-2.46	
			For 1" x 3" Boards (Stockade Top), Add	3.16	
			For Screwing Of Boards Instead Of Nails, Add	1.38	
32 31 29 00-0014	LF		Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar.....	21.20	2.81
			For 1" x 6" Boards, Deduct	-2.57	
			For 1" x 3" Boards (Stockade Top), Add	3.29	
			For Screwing Of Boards Instead Of Nails, Add	1.45	
32 31 29 00-0015	LF		Board Fence, 2 - 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar	16.75	2.81
			For 1" x 6" Boards, Deduct	-2.10	
			For 1" x 3" Boards (Stockade Top), Add	2.71	
			For Screwing Of Boards Instead Of Nails, Add	1.16	
32 31 29 00-0016	LF		Board Fence, 2 - 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar	19.99	2.81
			For 1" x 6" Boards, Deduct	-2.33	
			For 1" x 3" Boards (Stockade Top), Add	2.97	
			For Screwing Of Boards Instead Of Nails, Add	1.35	
32 31 29 00-0017	LF		Board Fence, 3 - 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar	20.85	2.81
			For 1" x 6" Boards, Deduct	-2.43	
			For 1" x 3" Boards (Stockade Top), Add	3.09	
			For Screwing Of Boards Instead Of Nails, Add	1.40	
32 31 29 00-0018	LF		Board Fence, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar	22.11	2.81
			For 1" x 6" Boards, Deduct	-2.54	
			For 1" x 3" Boards (Stockade Top), Add	3.22	
			For Screwing Of Boards Instead Of Nails, Add	1.48	
32 31 29 00-0019	LF		Board Fence, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar	23.42	2.81
			For 1" x 6" Boards, Deduct	-2.66	
			For 1" x 3" Boards (Stockade Top), Add	3.36	
			For Screwing Of Boards Instead Of Nails, Add	1.56	
32 31 29 00-0020			Shadow Box <small>(32 31 29)</small>		
			Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine	16.75	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.13	
32 31 29 00-0022	LF		Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar	20.32	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.36	
32 31 29 00-0023	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar	21.53	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.44	
32 31 29 00-0024	LF		Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar	23.09	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.54	
32 31 29 00-0025			Open Rail Fence <small>(32 31 29)</small>		
32 31 29 00-0026			Post And Rail Fence, Ranch Style <small>(32 31 29 00-0025)</small>		
32 31 29 00-0027	LF		Post And Rail Fence, 2 Rails, 3' High #1 Cedar.....	14.31	2.81
32 31 29 00-0028	LF		Post And Rail Fence, 2 Rails, 3' High #2 Cedar.....	13.11	2.81
32 31 29 00-0029	LF		Post And Rail Fence, 3 Rails, 4' High #1 Cedar.....	15.92	2.81
32 31 29 00-0030	LF		Post And Rail Fence, 3 Rails, 4' High #2 Cedar.....	14.05	2.81
32 31 29 00-0031			Split Rail Fence <small>(32 31 29 00-0025)</small>		
32 31 29 00-0032	LF		Split Rail Fence, 2 Rails, 3' High #1 Cedar	14.00	2.81
32 31 29 00-0033	LF		Split Rail Fence, 2 Rails, 3' High #2 Cedar	13.10	2.81
32 31 29 00-0034	LF		Split Rail Fence, 3 Rail, 4' High #1 Cedar	15.33	2.81
32 31 29 00-0035	LF		Split Rail Fence, 3 Rail, 4' High #2 Cedar	14.22	2.81
32 31 29 00-0036			Picket Fence <small>(32 31 29)</small>		
32 31 29 00-0037	LF		Picket Fence, 2 Rail, 3' High, Pressure Treated	15.39	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.11	
32 31 29 00-0038	LF		Picket Fence, 2 Rail, 3' High #1 Cedar	15.12	2.81
			For Screwing Of Boards Instead Of Nails, Add	1.09	
32 31 29 00-0039			Wood Gate <small>(32 31 29)</small>		
32 31 29 00-0040			Board Fence Gates, Pressure Treated Wood <small>(32 31 29 00-0039)</small>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0041	EA		3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	245.22	99.05
32 31 29 00-0042	EA		3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	265.60	104.99
32 31 29 00-0043	EA		3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	293.89	114.89
32 31 29 00-0044	EA		3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	321.81	120.84
32 31 29 00-0045	EA		3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	349.73	126.78
32 31 29 00-0046	EA		>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	318.05	130.74
32 31 29 00-0047	EA		>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	339.35	136.68
32 31 29 00-0048	EA		>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	360.67	142.62
32 31 29 00-0049	EA		>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	391.42	148.57
32 31 29 00-0050	EA		>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	417.44	154.50
32 31 29 00-0051			Board Fence Gates, Grade 2 Cedar <small>(32 31 29 00-0039)</small>		
			Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0052	EA		3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	303.38	88.04
32 31 29 00-0053	EA		3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	316.77	93.33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0054	EA		3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	338.15	102.13
32 31 29 00-0055	EA		3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	356.26	107.41
32 31 29 00-0056	EA		3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	377.20	112.70
32 31 29 00-0057	EA		>5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	373.87	116.22
32 31 29 00-0058	EA		>5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	389.15	121.50
32 31 29 00-0059	EA		>5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	409.14	126.78
32 31 29 00-0060	EA		>5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	429.13	132.06
32 31 29 00-0061	EA		>5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	449.13	137.35
32 31 29 00-0062 Board Fence Gates, Grade 1 Cedar (32 31 29 00-0039)					
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)					
32 31 29 00-0063	EA		3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	317.53	88.04
32 31 29 00-0064	EA		3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	332.80	93.33
32 31 29 00-0065	EA		3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	355.12	102.13
32 31 29 00-0066	EA		3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	375.11	107.41
32 31 29 00-0067	EA		3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	395.11	112.70
32 31 29 00-0068	EA		>5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	392.72	116.22
32 31 29 00-0069	EA		>5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	408.01	121.50
32 31 29 00-0070	EA		>5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	428.00	126.78
32 31 29 00-0071	EA		>5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	447.99	132.06
32 31 29 00-0072	EA		>5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	472.70	137.35
32 31 29 00-0073 Pressure Treated Wood Fence Posts (32 31 29)					
See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0639 for barbed wire, 32 31 56 00-0017 for barbed wire.					
32 31 29 00-0074	EA		4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	23.93	9.90
32 31 29 00-0075	EA		6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	25.42	9.90
32 31 29 00-0076	EA		4' High, Pressure Treated Wood Fence Posts, Set In Concrete.....	44.06	19.02
32 31 29 00-0077	EA		6' High, Pressure Treated Wood Fence Posts, Set In Concrete.....	45.76	19.02
32 31 56 Wild Life Deterrent Fence (32 31)					
32 31 56 00-0001 Barbed Wire Fences (32 31 56)					
Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.					
32 31 56 00-0002 Fence Posts (32 31 56 00-0001)					
32 31 56 00-0003 Fence Post Soil, Set In Concrete (32 31 56 00-0002)					
32 31 56 00-0004	EA		Barbed Wire Fence Post, Galvanized Set In Concrete In Soil.....	64.68	6.15
For Bracing On Corner Post, End Post And Pull Post, Add				103.66	
32 31 56 00-0005	EA		Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil.....	85.01	6.15
For Bracing On Corner Post, End Post And Pull Post, Add				137.61	
32 31 56 00-0006 Post In Rock (32 31 56 00-0002)					
32 31 56 00-0007	EA		Barbed Wire Fence Post, Galvanized Grouted In Rock.....	63.33	6.15
For Bracing On Corner Post, End Post And Pull Post, Add				101.64	
32 31 56 00-0008	EA		Barbed Wire Fence Post, Vinyl Coated Grouted In Rock.....	83.66	6.15
For Bracing On Corner Post, End Post And Pull Post, Add				135.59	
32 31 56 00-0009 Studded Steel T-Posts, Enamel Paint Finish (32 31 56 00-0001)					
Note: Posts for barb wire, chain link or welded wire mesh.					
32 31 56 00-0010	EA		5' Studded Steel T-Post, Driven Into Earth.....	18.81	
32 31 56 00-0011	EA		5'-6" Studded Steel T-Post, Driven Into Earth.....	19.26	
32 31 56 00-0012	EA		6' Studded Steel T-Post, Driven Into Earth.....	20.01	
32 31 56 00-0013	EA		6'-6" Studded Steel T-Post, Driven Into Earth.....	20.76	
32 31 56 00-0014	EA		7' Studded Steel T-Post, Driven Into Earth.....	21.71	
32 31 56 00-0015	EA		8' Studded Steel T-Post, Driven Into Earth.....	24.22	
32 31 56 00-0016	EA		10' Studded Steel T-Post, Driven Into Earth.....	28.62	
32 31 56 00-0017 Barbed Wire (32 31 56 00-0001)					
Note: Per strand.					
32 31 56 00-0018	LF		Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand.....	0.66	0.31
32 31 56 00-0019	LF		Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand.....	0.74	0.31
32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts (32 31 56 00-0001)					
Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.					
32 31 56 00-0021	LF		4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts.....	7.93	2.00
Note: Posts at 10' maximum.					
32 32 Retaining Walls (32 30)					
32 32 13 Cast-In-Place Concrete Retaining Wall (32 32)					
Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.					
32 32 13 00-0001	LF		4' High With Base, 10" Thick Reinforced.....	293.92	102.26
For >3:1 Sloped Soil At Top, Add				7.60	

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 32 13 00-0002	LF	6' High With Base, 10" Thick Reinforced	367.26	125.83
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.82	
32 32 13 00-0003	LF	8' High With Base, 10" Thick Reinforced	400.56	135.73
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.97	
32 32 13 00-0004	LF	10' High With Base, 13" Thick Reinforced	512.16	167.82
		<i>For >3:1 Sloped Soil At Top, Add</i>	15.01	
32 32 13 00-0005	LF	12' High With Base, 14" Thick Reinforced	590.47	192.77
		<i>For >3:1 Sloped Soil At Top, Add</i>	17.41	
32 32 13 00-0006	LF	16' High With Base, 16" Thick Reinforced	852.77	282.79
		<i>For >3:1 Sloped Soil At Top, Add</i>	24.42	
32 32 13 00-0007	LF	20' High With Base, 18" Thick Reinforced	1,169.84	390.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	33.06	
32 32 13 00-0008	LF	4' High With Base, 12" Thick Reinforced	323.24	111.67
		<i>For >3:1 Sloped Soil At Top, Add</i>	8.49	
32 32 13 00-0009	LF	6' High With Base, 12" Thick Reinforced	396.47	134.55
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.83	
32 32 13 00-0010	LF	8' High With Base, 12" Thick Reinforced	420.56	140.40
		<i>For >3:1 Sloped Soil At Top, Add</i>	11.88	
32 32 13 00-0011	LF	10' High With Base, 16" Thick Reinforced	580.40	188.16
		<i>For >3:1 Sloped Soil At Top, Add</i>	17.34	
32 32 13 00-0012	LF	12' High With Base, 18" Thick Reinforced	734.79	241.70
		<i>For >3:1 Sloped Soil At Top, Add</i>	21.37	
32 32 13 00-0013	LF	16' High With Base, 21" Thick Reinforced	1,100.35	366.36
		<i>For >3:1 Sloped Soil At Top, Add</i>	31.25	
32 32 13 00-0014	LF	20' High With Base, 24" Thick Reinforced	1,552.87	517.14
		<i>For >3:1 Sloped Soil At Top, Add</i>	44.08	

32 32 16 Precast Concrete Retaining Walls (32 32)

32 32 16 00-0001		Precast Retaining Walls (32 32 16)		
		Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF	Precast Concrete Retaining Walls, 10-15' High Tied-back Earth Walls	43.59	9.59
32 32 16 00-0003	SF	Precast Concrete Retaining Walls, 16-20' High Tied-back Earth Walls	43.64	7.71
32 32 16 00-0004	SF	Precast Concrete Retaining Walls, 21-25' High Tied-back Earth Walls	44.44	6.42
32 32 16 00-0005	SF	Precast Concrete Retaining Walls, 26-30' High Tied-back Earth Walls	47.79	6.42
32 32 16 00-0006	SF	Precast Concrete Retaining Walls, >30' High Tied-back Earth Walls	49.90	5.48

32 32 23 Segmental Retaining Walls (32 32)**32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls (32 32 23)**

32 32 23 13-0001		Modular Retaining Wall Systems (32 32 23 13)		
		Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002		"Amastone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0003	SF	Up To 4' Height "Amastone" Type Modular Retaining Wall System	31.01	6.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.50	
32 32 23 13-0004	SF	4 To 8' Height "Amastone" Type Modular Retaining Wall System	32.69	7.00
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.59	
32 32 23 13-0005	SF	8 To 12' Height "Amastone" Type Modular Retaining Wall System	34.51	7.71
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.62	
32 32 23 13-0006	SF	12 To 16' Height "Amastone" Type Modular Retaining Wall System	36.40	8.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.66	
32 32 23 13-0007		"Diamond" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0008	SF	Up To 4' Height "Diamond" Type Modular Retaining Wall System	31.93	6.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.58	
32 32 23 13-0009	SF	4 To 8' Height "Diamond" Type Modular Retaining Wall System	33.62	7.00
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.67	
32 32 23 13-0010	SF	8 To 12' Height "Diamond" Type Modular Retaining Wall System	35.44	7.71
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.70	
32 32 23 13-0011	SF	12 To 16' Height "Diamond" Type Modular Retaining Wall System	37.32	8.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.74	
32 32 23 13-0012		"Keystone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0013	SF	Up To 4' Height "Keystone" Type Modular Retaining Wall System	34.14	6.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.77	
32 32 23 13-0014	SF	4 To 8' Height "Keystone" Type Modular Retaining Wall System	35.82	7.00
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.85	
32 32 23 13-0015	SF	8 To 12' Height "Keystone" Type Modular Retaining Wall System	37.65	7.71
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.89	
32 32 23 13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System	39.53	8.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.93	
32 32 23 13-0017		"Criblock" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0018	SF	Up To 4' Height "Criblock" Type Modular Retaining Wall System	31.01	6.66
		<i>For Gravel Backfill Instead Of Earth, Add</i>	0.25	
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.50	

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

32 32 23 13-0019	SF		4 To 8' Height "Criblock" Type Modular Retaining Wall System <i>For Gravel Backfill Instead Of Earth, Add</i> <i>For >3:1 Sloped Soil At Top, Add</i>	32.69 0.25 1.59	7.00
32 32 23 13-0020	SF		8 To 12' Height "Criblock" Type Modular Retaining Wall System <i>For Gravel Backfill Instead Of Earth, Add</i> <i>For >3:1 Sloped Soil At Top, Add</i>	34.51 0.25 1.62	7.71
32 32 23 13-0021	SF		12 To 16' Height "Criblock" Type Modular Retaining Wall System <i>For Gravel Backfill Instead Of Earth, Add</i> <i>For >3:1 Sloped Soil At Top, Add</i>	36.40 0.25 1.66	8.41

32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems (32 32 23 13-0001)

32 32 23 13-0023	SF		Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	28.20 1.26	6.66
32 32 23 13-0024	SF		4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	30.81 1.43	7.00
32 32 23 13-0025	SF		8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	32.65 1.46	7.71
32 32 23 13-0026	SF		12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	34.36 1.49	8.41

32 32 23 13-0027 Retaining Wall Cap Block Restoration (32 32 23 13-0001)

Note: Includes removal of existing cap block and installation of new cap block to match.

32 32 23 13-0028	LF		Removal And Reinstall Retaining Wall Cap Block And Pins <i>For >3:1 Sloped Soil At Top, Add</i>	21.30 1.01	
------------------	----	--	---	---------------	--

32 32 26 Metal Crib Retaining Walls (32 32)
32 32 26 00-0001 Aluminized Steel Bin (32 32 26)

Note: Excludes excavation and backfill.

32 32 26 00-0002	SF		4' High, 5.5' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	32.55 -2.51 2.13	3.75
32 32 26 00-0003	SF		8' High, 5.5' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	36.42 -2.89 2.45	3.75
32 32 26 00-0004	SF		10' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	38.91 -3.08 2.61	4.10
32 32 26 00-0005	SF		12' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	44.31 -3.51 2.98	4.63
32 32 26 00-0006	SF		16' High, 7.7' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	42.69 -3.32 2.82	4.79
32 32 26 00-0007	SF		16' High, 9.9' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	47.56 -3.79 3.22	4.88
32 32 26 00-0008	SF		20' High, 9.9' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	52.75 -4.24 3.60	5.15
32 32 26 00-0009	SF		20' High, 12.1' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	54.01 -4.33 3.68	5.41
32 32 26 00-0010	SF		24' High, 12.1' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	56.81 -4.60 3.91	5.41
32 32 26 00-0011	SF		24' High, 14.3' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	59.60 -4.87 4.14	5.50
32 32 26 00-0012	SF		28' High, 14.3' Deep Aluminized Steel Bin <i>For Galvanized Type, Deduct</i> <i>For >3:1 Sloped Soil At Top, Add</i>	61.59 -5.05 4.29	5.59

32 32 29 Timber Retaining Walls (32 32)
32 32 29 00-0001 Wood Post Retaining Walls (32 32 29)

Note: System elements include wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0002	LF		4" x 4", 1' High, Redwood <i>For >3:1 Sloped Soil At Top, Add</i>	53.12 0.93	21.11
32 32 29 00-0003	LF		4" x 4", 2' High, Redwood <i>For >3:1 Sloped Soil At Top, Add</i>	104.02 1.82	41.34
32 32 29 00-0004	LF		4" x 4", 1' High, Cedar <i>For >3:1 Sloped Soil At Top, Add</i>	51.72 0.81	21.11
32 32 29 00-0005	LF		4" x 4", 2' High, Cedar <i>For >3:1 Sloped Soil At Top, Add</i>	101.30 1.59	41.34
32 32 29 00-0006	LF		4" x 4", 1' High, Pressure Treated Lumber <i>For >3:1 Sloped Soil At Top, Add</i>	47.45 0.89	18.44
32 32 29 00-0007	LF		4" x 4", 2' High, Pressure Treated Lumber <i>For >3:1 Sloped Soil At Top, Add</i>	92.81 1.75	36.07
32 32 29 00-0008	LF		4" x 4", 1' High, Creosoted Lumber <i>For >3:1 Sloped Soil At Top, Add</i>	42.02 0.79	16.37
32 32 29 00-0009	LF		4" x 4", 2' High, Creosoted Lumber <i>For >3:1 Sloped Soil At Top, Add</i>	75.99 1.42	29.63

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 32 29 00-0010	LF	6 x 6, 2' High, Redwood	135.94	50.07
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.04	
32 32 29 00-0011	LF	6 x 6, 4' High, Redwood	267.82	98.15
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.09	
32 32 29 00-0012	LF	6 x 6, 2' High, Cedar	134.38	50.07
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.91	
32 32 29 00-0013	LF	6 x 6, 4' High, Cedar	263.93	98.15
		<i>For >3:1 Sloped Soil At Top, Add</i>	5.75	
32 32 29 00-0014	LF	6 x 6, 2' High, Pressure Treated Lumber	114.83	40.67
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.84	
32 32 29 00-0015	LF	6 x 6, 4' High, Pressure Treated Lumber	227.57	80.30
		<i>For >3:1 Sloped Soil At Top, Add</i>	5.69	
32 32 29 00-0016	LF	6 x 6, 2' High, Creosoted Lumber	91.95	32.52
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.28	
32 32 29 00-0017	LF	6 x 6, 4' High, Creosoted Lumber	180.56	63.64
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.53	
32 32 29 00-0018	LF	8 x 8, 4' High, Redwood	323.71	108.53
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.06	
32 32 29 00-0019	LF	8 x 8, 6' High, Redwood	605.14	202.60
		<i>For >3:1 Sloped Soil At Top, Add</i>	17.00	
32 32 29 00-0020	LF	8 x 8, 4' High, Cedar	315.93	108.53
		<i>For >3:1 Sloped Soil At Top, Add</i>	8.40	
32 32 29 00-0021	LF	8 x 8, 6' High, Cedar	590.36	202.60
		<i>For >3:1 Sloped Soil At Top, Add</i>	15.74	
32 32 29 00-0022	LF	8 x 8, 4' High, Pressure Treated Lumber	329.78	125.19
		<i>For >3:1 Sloped Soil At Top, Add</i>	6.75	
32 32 29 00-0023	LF	8 x 8, 6' High, Pressure Treated Lumber	615.46	233.79
		<i>For >3:1 Sloped Soil At Top, Add</i>	12.57	
32 32 29 00-0024	LF	8 x 8, 4' High, Creosoted Lumber	266.56	101.19
		<i>For >3:1 Sloped Soil At Top, Add</i>	5.46	
32 32 29 00-0025	LF	8 x 8, 6' High, Creosoted Lumber	494.42	187.71
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.12	
32 32 29 00-0026	LF	Random Diameter Poles, Cedar 4' High	102.92	41.70
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.65	
32 32 29 00-0027	LF	Random Diameter Poles, Cedar 6' High	153.99	62.59
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.45	
32 32 29 00-0028	LF	Random Diameter Poles, Cedar 8' High	205.01	83.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.24	
32 32 29 00-0029	LF	Random Diameter Poles, 4' High Creosoted Lumber	66.23	23.55
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.62	
32 32 29 00-0030	LF	Random Diameter Poles, 6' High Creosoted Lumber	96.04	34.00
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.38	
32 32 29 00-0031	LF	Random Diameter Poles, 8' High	129.94	45.93
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.24	

32 32 29 00-0032 Post And Board Retaining Walls (32 32 29)

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4 x 4 Post, 4' Spacing, 3' High Redwood, 2" Planking	39.16	12.52
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.20	
32 32 29 00-0034	LF	4 x 4 Post, 2' Spacing, 4' High 2" Planking, Redwood	61.85	21.41
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.62	
32 32 29 00-0035	LF	6 x 6 Post, 4' Spacing, 5' High 2" Planking, Redwood	80.07	26.59
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.28	
32 32 29 00-0036	LF	6 x 6 Post, 3' Spacing, 6' High 2" Planking, Redwood	112.30	37.70
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.14	
32 32 29 00-0037	LF	6 x 6 With Deadman, 3' Spacing, 8' High 2" Planking, Redwood	146.71	49.04
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.13	
32 32 29 00-0038	LF	8 x 8 Post, 2' Spacing, 8' High 2" Planking, Redwood	298.36	97.04
		<i>For >3:1 Sloped Soil At Top, Add</i>	8.86	
32 32 29 00-0039	LF	8 x 8 With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood	335.54	107.48
		<i>For >3:1 Sloped Soil At Top, Add</i>	10.25	
32 32 29 00-0040	LF	4 x 4 Post, 4' Spacing, 3' High, 2" Planking, Cedar	40.01	13.04
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.18	
32 32 29 00-0041	LF	4 x 4 With Deadman, 2' Spacing, 4' High 2" Planking, Cedar	70.45	23.19
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.05	
32 32 29 00-0042	LF	6 x 6 Post, 4' Spacing, 4' High 2" Planking, Cedar	69.23	22.74
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.02	
32 32 29 00-0043	LF	6 x 6 Post, 3' Spacing, 5' High 2" Planking, Cedar	97.61	32.66
		<i>For >3:1 Sloped Soil At Top, Add</i>	2.74	
32 32 29 00-0044	LF	6 x 6 Post, 2' Spacing, 6' High 2" Planking, Cedar	152.98	52.15
		<i>For >3:1 Sloped Soil At Top, Add</i>	4.13	
32 32 29 00-0045	LF	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	120.21	40.07
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.41	
32 32 29 00-0046	LF	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	308.45	100.16
		<i>For >3:1 Sloped Soil At Top, Add</i>	9.19	
32 32 29 00-0047	LF	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	56.18	24.08
		<i>For >3:1 Sloped Soil At Top, Add</i>	0.68	
32 32 29 00-0048	LF	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	80.78	34.22
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.05	
32 32 29 00-0049	LF	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	115.29	46.97
		<i>For >3:1 Sloped Soil At Top, Add</i>	1.82	
32 32 29 00-0050	LF	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	200.19	79.26
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.54	
32 32 29 00-0051	LF	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	202.14	79.26
		<i>For >3:1 Sloped Soil At Top, Add</i>	3.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0052	LF		6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat <i>For >3:1 Sloped Soil At Top, Add</i>	191.25 3.31	76.15
32 32 29 00-0053	LF		8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated <i>For >3:1 Sloped Soil At Top, Add</i>	446.83 8.20	175.19
32 32 29 00-0054	LF		4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	56.18 0.68	24.08
32 32 29 00-0055	LF		4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	80.78 1.05	34.22
32 32 29 00-0056	LF		4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	115.29 1.82	46.97
32 32 29 00-0057	LF		6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	144.47 2.35	58.44
32 32 29 00-0058	LF		6 x 6 Post, 2' Spacing, 7' High Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	200.19 3.54	79.26
32 32 29 00-0059	LF		6 x 6 Post With Deadman, 3' Spacing, 8' High, Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	191.25 3.31	76.15
32 32 29 00-0060	LF		8 x 8 Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking <i>For >3:1 Sloped Soil At Top, Add</i>	446.83 8.20	175.19
32 32 29 00-0061			Wood Tie Retaining Walls, Rod Connector At 4' <small>(32 32 29)</small>		
			Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0062			Redwood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0063	LF		2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	70.01 1.59	25.63
32 32 29 00-0064	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	159.64 3.64	58.44
32 32 29 00-0065	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	239.12 5.42	87.64
32 32 29 00-0066	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	224.14 6.28	75.11
32 32 29 00-0067	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	336.68 9.46	112.68
32 32 29 00-0068	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	444.13 12.57	148.15
32 32 29 00-0069			Cedar <small>(32 32 29 00-0061)</small>		
32 32 29 00-0070	LF		2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	69.23 1.52	25.63
32 32 29 00-0071	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	157.31 3.44	58.44
32 32 29 00-0072	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	236.01 5.16	87.64
32 32 29 00-0073	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	218.69 5.82	75.11
32 32 29 00-0074	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	328.90 8.80	112.68
32 32 29 00-0075	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	433.23 11.64	148.15
32 32 29 00-0076			Pressure Treated Wood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0077	LF		2' High, 6" x 6" Wood Tie Wall <i>For >3:1 Sloped Soil At Top, Add</i>	59.91 1.49	21.19
32 32 29 00-0078	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	136.06 3.41	48.00
32 32 29 00-0079	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	203.89 5.09	72.01
32 32 29 00-0080	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	227.98 4.66	86.59
32 32 29 00-0081	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	342.04 7.08	129.41
32 32 29 00-0082	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6' <i>For >3:1 Sloped Soil At Top, Add</i>	453.84 9.33	172.08
32 32 53			Stone Retaining Walls <small>(32 32)</small>		
32 32 53 00-0001			Stone Retaining Walls <small>(32 32 53)</small>		
			Note: Construction is either dry set or mortar set. System elements include concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
32 32 53 00-0002			Stone Retaining Walls <small>(32 32 53 00-0001)</small>		
			Note: Stone at \$16.00/ton.		
32 32 53 00-0003	LF		\$16.00/ton 3' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	340.92 2.15	157.76
32 32 53 00-0004	LF		\$16.00/ton 4' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	403.12 2.35	187.69
32 32 53 00-0005	LF		\$16.00/ton 6' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	531.12 2.75	249.36
32 32 53 00-0006	LF		\$16.00/ton 8' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	821.67 3.56	389.89
32 32 53 00-0007	LF		\$16.00/ton 10' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,069.58 4.21	510.02

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 32 53 00-0008	LF \$16.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,328.62	635.11
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.96	
32 32 53 00-0009	LF \$16.00/ton 3' High Stone Retaining Wall, Mortar Set.....	304.70	139.68
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.15	
32 32 53 00-0010	LF \$16.00/ton 4' High Stone Retaining Wall, Mortar Set.....	358.26	165.26
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.35	
32 32 53 00-0011	LF \$16.00/ton 6' High Stone Retaining Wall, Mortar Set.....	464.91	216.21
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.75	
32 32 53 00-0012	LF \$16.00/ton 8' High Stone Retaining Wall, Mortar Set.....	715.09	336.63
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.56	
32 32 53 00-0013	LF \$16.00/ton 10' High Stone Retaining Wall, Mortar Set.....	920.08	435.30
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.21	
32 32 53 00-0014	LF \$16.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,144.22	542.96
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.96	
32 32 53 00-0015	Stone Retaining Walls (32 32 53 00-0001)		
	Note: Stone at \$32.00/ton.		
32 32 53 00-0016	LF \$32.00/ton 3' High Stone Retaining Wall, Dry Set.....	348.58	157.76
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.81	
32 32 53 00-0017	LF \$32.00/ton 4' High Stone Retaining Wall, Dry Set.....	413.73	187.69
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.26	
32 32 53 00-0018	LF \$32.00/ton 6' High Stone Retaining Wall, Dry Set.....	546.45	249.36
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.06	
32 32 53 00-0019	LF \$32.00/ton 8' High Stone Retaining Wall, Dry Set.....	844.07	389.89
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.46	
32 32 53 00-0020	LF \$32.00/ton 10' High Stone Retaining Wall, Dry Set.....	1,100.23	510.02
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.81	
32 32 53 00-0021	LF \$32.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,367.52	635.11
	<i>For >3:1 Sloped Soil At Top, Add</i>	8.27	
32 32 53 00-0022	LF \$32.00/ton 3' High Stone Retaining Wall, Mortar Set.....	312.36	139.68
	<i>For >3:1 Sloped Soil At Top, Add</i>	2.81	
32 32 53 00-0023	LF \$32.00/ton 4' High Stone Retaining Wall, Mortar Set.....	368.87	165.26
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.26	
32 32 53 00-0024	LF \$32.00/ton 6' High Stone Retaining Wall, Mortar Set.....	480.24	216.21
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.06	
32 32 53 00-0025	LF \$32.00/ton 8' High Stone Retaining Wall, Mortar Set.....	737.49	336.63
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.46	
32 32 53 00-0026	LF \$32.00/ton 10' High Stone Retaining Wall, Mortar Set.....	950.73	435.30
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.81	
32 32 53 00-0027	LF \$32.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,183.12	542.96
	<i>For >3:1 Sloped Soil At Top, Add</i>	8.27	
32 32 53 00-0028	Stone Retaining Walls (32 32 53 00-0001)		
	Note: Stone at \$48.00/ton.		
32 32 53 00-0029	LF \$48.00/ton 3' High Stone Retaining Wall, Dry Set.....	356.83	157.76
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.51	
32 32 53 00-0030	LF \$48.00/ton 4' High Stone Retaining Wall, Dry Set.....	424.22	187.69
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.15	
32 32 53 00-0031	LF \$48.00/ton 6' High Stone Retaining Wall, Dry Set.....	561.18	249.36
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.31	
32 32 53 00-0032	LF \$48.00/ton 8' High Stone Retaining Wall, Dry Set.....	866.46	389.89
	<i>For >3:1 Sloped Soil At Top, Add</i>	7.36	
32 32 53 00-0033	LF \$48.00/ton 10' High Stone Retaining Wall, Dry Set.....	1,130.87	510.02
	<i>For >3:1 Sloped Soil At Top, Add</i>	9.42	
32 32 53 00-0034	LF \$48.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,407.00	635.11
	<i>For >3:1 Sloped Soil At Top, Add</i>	11.62	
32 32 53 00-0035	LF \$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	320.61	139.68
	<i>For >3:1 Sloped Soil At Top, Add</i>	3.51	
32 32 53 00-0036	LF \$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	379.47	165.26
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.16	
32 32 53 00-0037	LF \$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	494.97	216.21
	<i>For >3:1 Sloped Soil At Top, Add</i>	5.31	
32 32 53 00-0038	LF \$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	759.88	336.63
	<i>For >3:1 Sloped Soil At Top, Add</i>	7.36	
32 32 53 00-0039	LF \$48.00/ton 10' High Stone Retaining Wall, Mortar Set.....	981.37	435.30
	<i>For >3:1 Sloped Soil At Top, Add</i>	9.42	
32 32 53 00-0040	LF \$48.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,222.60	542.96
	<i>For >3:1 Sloped Soil At Top, Add</i>	11.62	
32 32 53 00-0041	Stone Retaining Walls (32 32 53 00-0001)		
	Note: Stone at \$64.00/ton.		
32 32 53 00-0042	LF \$64.00/ton 3' High Stone Retaining Wall, Dry Set.....	365.08	157.76
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.21	
32 32 53 00-0043	LF \$64.00/ton 4' High Stone Retaining Wall, Dry Set.....	423.16	187.69
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.06	
32 32 53 00-0044	LF \$64.00/ton 6' High Stone Retaining Wall, Dry Set.....	577.09	249.36
	<i>For >3:1 Sloped Soil At Top, Add</i>	6.66	
32 32 53 00-0045	LF \$64.00/ton 8' High Stone Retaining Wall, Dry Set.....	890.03	389.89
	<i>For >3:1 Sloped Soil At Top, Add</i>	9.37	
32 32 53 00-0046	LF \$64.00/ton 10' High Stone Retaining Wall, Dry Set.....	1,162.70	510.02
	<i>For >3:1 Sloped Soil At Top, Add</i>	12.12	
32 32 53 00-0047	LF \$64.00/ton 12' High Stone Retaining Wall, Dry Set.....	1,447.08	635.11
	<i>For >3:1 Sloped Soil At Top, Add</i>	15.03	
32 32 53 00-0048	LF \$64.00/ton 3' High Stone Retaining Wall, Mortar Set.....	328.86	139.68
	<i>For >3:1 Sloped Soil At Top, Add</i>	4.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0049	LF		\$64.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	390.08 5.06	165.26
32 32 53 00-0050	LF		\$64.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	510.88 6.66	216.21
32 32 53 00-0051	LF		\$64.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	783.45 9.37	336.63
32 32 53 00-0052	LF		\$64.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,013.20 12.12	435.30
32 32 53 00-0053	LF		\$64.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,262.68 15.03	542.96
32 33 Site Furnishings (32 30)					
32 33 13 Site Bicycle Racks (32 33)					
32 33 13 00-0001 Bicycle Organizer And Rack (32 33 13)					
32 33 13 00-0002 Vertical Style Bike Racks Single/Double Sided, Galvanized (32 33 13 00-0001)					
32 33 13 00-0003 Double Sided (32 33 13 00-0002)					
32 33 13 00-0004	EA		5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	483.99	98.60
32 33 13 00-0005	EA		10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	734.86	161.98
32 33 13 00-0006	EA		20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	1,254.55	246.50
32 33 13 00-0007 Single Sided (32 33 13 00-0002)					
32 33 13 00-0008	EA		5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	424.24	88.03
32 33 13 00-0009	EA		10' Galvanized Steel Single Sided Bike Rack, 9 Bikes.....	606.55	146.49
32 33 13 00-0010	EA		20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	1,030.63	220.08
32 33 13 00-0011 Anchor Set For Vertical Style Bike Rack (32 33 13 00-0002)					
32 33 13 00-0012	PR		Anchor Set For Vertical Style Bike Rack..... Note: Anchoring frame to ground.	85.18	
32 33 13 00-0013 Bike Racks Ground Loop (32 33 13 00-0001)					
Note: In-ground mount.					
32 33 13 00-0014	EA		83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	668.70	172.75
32 33 13 00-0015 Serpentine Bike Racks (32 33 13 00-0001)					
Note: In-ground mount.					
32 33 13 00-0016 Galvanized, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)					
32 33 13 00-0017	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized.....	375.76	105.64
32 33 13 00-0018	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized.....	499.00	114.45
32 33 13 00-0019	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized.....	622.24	123.25
32 33 13 00-0020	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized.....	760.55	132.05
32 33 13 00-0021	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized.....	898.87	140.85
32 33 13 00-0022	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized.....	976.85	149.65
32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)					
32 33 13 00-0024	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized.....	420.00	105.64
32 33 13 00-0025	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized.....	530.89	114.45
32 33 13 00-0026	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized.....	641.78	123.25
32 33 13 00-0027	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized.....	741.01	132.05
32 33 13 00-0028	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized.....	851.89	140.85
32 33 13 00-0029	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized.....	986.11	149.65
32 33 13 00-0030 Powder Coated, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)					
32 33 13 00-0031	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated.....	375.76	105.64
32 33 13 00-0032	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated.....	499.00	114.45
32 33 13 00-0033	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated.....	622.24	123.25
32 33 13 00-0034	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated.....	760.55	132.05
32 33 13 00-0035	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated.....	898.87	140.85
32 33 13 00-0036	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated.....	976.85	149.65
32 33 13 00-0037 Powder Coated, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)					
32 33 13 00-0038	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated.....	431.66	105.64
32 33 13 00-0039	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated.....	554.21	114.45
32 33 13 00-0040	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated.....	665.10	123.25
32 33 13 00-0041	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated.....	799.31	132.05
32 33 13 00-0042	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated.....	910.19	140.85
32 33 13 00-0043	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated.....	1,056.07	149.65
32 33 13 00-0044 Stainless Steel, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)					
32 33 13 00-0045	EA		1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel.....	673.01	105.64
32 33 13 00-0046	EA		3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel.....	987.14	114.45
32 33 13 00-0047	EA		5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel.....	1,301.28	123.25
32 33 13 00-0048	EA		7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel.....	1,657.77	132.05

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0049	EA		9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,014.24	140.85
32 33 13 00-0050	EA		11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,201.31	149.65
32 33 13 00-0051			Stainless Steel, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0052	EA		1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel	536.60	105.64
32 33 13 00-0053	EA		3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel	1,137.23	114.45
32 33 13 00-0054	EA		5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel	1,481.33	123.25
32 33 13 00-0055	EA		7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel	1,802.09	132.05
32 33 13 00-0056	EA		9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel	2,134.52	140.85
32 33 13 00-0057	EA		11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel	2,478.63	149.65
32 33 13 00-0058			Bike Racks Bollards/Bicycle Posts (32 33 13 00-0001)		
			Note: In-ground mount.		
32 33 13 00-0059	EA		43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOLA450-2R-IG-G).....	373.18	79.23
32 33 23			Site Trash and Litter Receptacles (32 33)		
32 33 23 00-0001			Steel Trash Containment (32 33 23)		
32 33 23 00-0002			Steel Frame Surrounded With Kiln-Dried Wood (32 33 23 00-0001)		
32 33 23 00-0003	EA		13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood	380.64	42.06
32 33 23 00-0004	EA		24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood	363.74	42.06
32 33 23 00-0005	EA		21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood	363.74	42.06
32 33 23 00-0006	EA		24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood	344.74	42.06
32 33 23 00-0007	EA		18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	380.64	42.06
32 33 23 00-0008	EA		23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	344.74	42.06
32 33 23 00-0009	EA		24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	469.32	42.06
32 33 23 00-0010			Square Steel Frames Surrounded With Flat Steel (32 33 23 00-0001)		
32 33 23 00-0011	EA		26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround	681.82	42.06
32 33 23 00-0012	EA		26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	735.48	42.06
32 33 23 00-0013	EA		26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	735.48	42.06
32 33 23 00-0014			Round Steel Pipe And Flat Steel Frames (32 33 23 00-0001)		
			Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015	EA		21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,003.79	42.06
32 33 23 00-0016	EA		21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood	1,080.45	42.06
32 33 23 00-0017	EA		21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,243.35	42.06
32 33 23 00-0018	EA		21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,128.37	42.06
32 33 23 00-0019			Round Steel Pipe Surrounded With Perforated (32 33 23 00-0001)		
32 33 23 00-0020	EA		21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe.....	898.39	42.06
32 33 23 00-0021	EA		21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe.....	975.05	42.06
32 33 23 00-0022	EA		21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe	1,137.95	42.06
32 33 23 00-0023	EA		21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe.....	1,032.54	42.06
32 33 23 00-0024			Round Steel Pipe Frames Surrounded With Welded Wire (32 33 23 00-0001)		
32 33 23 00-0025	EA		21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround	716.32	42.06
32 33 23 00-0026	EA		21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround	792.98	42.06
32 33 23 00-0027	EA		21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	955.88	42.06
32 33 23 00-0028	EA		21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	850.47	42.06
32 33 23 00-0029			Litter Baskets (32 33 23)		
32 33 23 00-0030			Round Wire Litter Baskets (32 33 23 00-0029)		
32 33 23 00-0031	EA		1.33' Diameter x 1.83' High Round Wire Litter Basket	125.43	4.27
32 33 23 00-0032	EA		1.5' Diameter x 1.83' High Round Wire Litter Basket	158.22	4.27
32 33 23 00-0033	EA		1.75' Diameter x 2.33' High Round Wire Litter Basket	213.86	4.27
32 33 23 00-0034	EA		1.83' Diameter x 2.83' High Round Wire Litter Basket	245.26	4.27
32 33 23 00-0035			Trash Can/Wire Basket Holder (32 33 23 00-0029)		
32 33 23 00-0036	EA		Steel Post, Single Holder	183.04	34.35
32 33 23 00-0037	EA		Steel Post, Double Holder.....	245.80	34.35
32 33 23 00-0038	EA		Redwood Post, Single Holder	106.32	34.35
32 33 23 00-0039	EA		Redwood Post, Double Holder.....	122.85	34.35
32 33 23 00-0040			Litter Receptacles, Freestanding (32 33 23 00-0029)		
			Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041	EA		16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	1,006.38	17.52
			For Powder Coated Sand Pan, Add	50.00	
			For Orange Peel Lid, Add	25.00	
			For Polished Granite Lid, Add	50.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0042	EA		16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded..... <i>For Powder Coated Sand Pan, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i>	1,059.17 50.00 25.00 50.00	17.52
32 33 23 00-0043	EA		20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded..... <i>For Powder Coated Sand Pan, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i>	1,235.07 50.00 25.00 50.00	26.28
32 33 23 00-0044	EA		20" Diameter x 40" High Litter Receptacle, Freestanding Embedded..... <i>For Powder Coated Sand Pan, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i>	1,287.86 50.00 25.00 50.00	26.28
32 33 23 00-0045	EA		16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole <i>For Powder Coated Sand Pan, Add</i> <i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i>	1,340.65 50.00 22.50 25.00 50.00	26.28
32 33 23 00-0046	EA		16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole <i>For Powder Coated Sand Pan, Add</i> <i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i>	1,393.44 50.00 22.50 25.00 50.00	26.28
32 33 23 00-0047	EA		16" Diameter x 28" High Litter Receptacle, Wall Mount..... <i>For Powder Coated Sand Pan, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i> <i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	1,111.92 50.00 25.00 50.00 20.00	22.78
32 33 23 00-0048	EA		16" Diameter x 32" High Litter Receptacle, Wall Mount..... <i>For Powder Coated Sand Pan, Add</i> <i>For Orange Peel Lid, Add</i> <i>For Polished Granite Lid, Add</i> <i>For 1-1/2" x 6" Diameter Metal Cover Plate, Add</i>	1,164.71 50.00 25.00 50.00 20.00	22.78
32 33 23 00-0049	Ash Receptacles (32 33 23)				
32 33 23 00-0050	EA		12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded <i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i> <i>For Sand Pan, Add</i> <i>For Bowl And Funnel, Add</i>	543.73 22.50 110.00 120.00	17.52
32 33 23 00-0051	EA		18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	228.38	17.52
32 33 23 00-0052	Trash Receptacles (32 33 23)				
32 33 23 00-0053	EA		Outdoor Covered Steel Receptacle With Liner.....	826.89	17.52
32 33 23 00-0054	EA		Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame.....	328.66	17.52
32 33 23 00-0055	EA		24" x 24" Square Trash Containment With Exposed Aggregate Finish.....	587.02	17.52
32 33 23 00-0056	EA		30" x 30" Square Trash Containment With Exposed Aggregate Finish.....	612.18	19.28
32 33 23 00-0057	EA		36" x 36" Square Trash Containment With Exposed Aggregate Finish.....	658.98	21.02
32 33 23 00-0058	EA		32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber.....	154.98	14.02
32 33 23 00-0059	EA		32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber.....	181.43	14.02
32 33 23 00-0060	EA		24" x 24" Square 18" High Trash Receptacle, Fiberglass.....	240.04	17.52
32 33 23 00-0061	Trash Containers (Dumpsters) (32 33 23)				
32 33 23 00-0062	EA		1 CY Straight Side Trash Dumpster.....	150.52	
32 33 23 00-0063	EA		1.5 CY Straight Side Trash Dumpster.....	225.78	
32 33 23 00-0064	EA		2 CY Straight Side Trash Dumpster.....	301.04	
32 33 23 00-0065	EA		2 CY Sloped Side Trash Dumpster.....	301.04	
32 33 23 00-0066	EA		3 CY Sloped Side Trash Dumpster.....	451.56	
32 33 23 00-0067	EA		4 CY Sloped Side Trash Dumpster.....	602.08	
32 33 23 00-0068	EA		6 CY Sloped Side Trash Dumpster.....	903.12	
32 33 23 00-0069	EA		8 CY Sloped Side Trash Dumpster.....	1,204.16	
32 33 33	Site Manufactured Planters (32 33)				
32 33 33 00-0001	Precast Concrete Planters (32 33 33)				
32 33 33 00-0002	Circular Precast Concrete Planters (32 33 33 00-0001)				
32 33 33 00-0003	EA		24" Diameter, 17" Height, Circular Precast Concrete Planter.....	419.12	19.71
32 33 33 00-0004	EA		24" Diameter, 24" Height, Circular Precast Concrete Planter.....	470.18	23.65
32 33 33 00-0005	EA		24" Diameter, 33" Height, Circular Precast Concrete Planter.....	513.35	23.65
32 33 33 00-0006	EA		30" Diameter, 17" Height, Circular Precast Concrete Planter.....	558.06	27.59
32 33 33 00-0007	EA		30" Diameter, 30" Height, Circular Precast Concrete Planter.....	676.69	35.47
32 33 33 00-0008	EA		36" Diameter, 24" Height, Circular Precast Concrete Planter.....	735.10	35.47
32 33 33 00-0009	EA		36" Diameter, 30" Height, Circular Precast Concrete Planter.....	828.08	39.41
32 33 33 00-0010	EA		48" Diameter, 17" Height, Circular Precast Concrete Planter.....	873.79	39.41
32 33 33 00-0011	EA		48" Diameter, 24" Height, Circular Precast Concrete Planter.....	976.04	49.26
32 33 33 00-0012	EA		48" Diameter, 30" Height, Circular Precast Concrete Planter.....	1,038.23	52.41
32 33 33 00-0013	EA		48" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,081.84	55.17
32 33 33 00-0014	EA		60" Diameter, 17" Height, Circular Precast Concrete Planter.....	981.95	49.26
32 33 33 00-0015	EA		60" Diameter, 24" Height, Circular Precast Concrete Planter.....	1,080.57	55.17
32 33 33 00-0016	EA		60" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,379.27	59.11
32 33 33 00-0017	EA		72" Diameter, 36" Height, Circular Precast Concrete Planter.....	1,789.23	74.87
32 33 33 00-0018	EA		84" Diameter, 36" Height, Circular Precast Concrete Planter.....	2,075.22	78.82

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 33 33 00-0019	Square Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0020	EA 36" Square, 30" Height, Square Precast Concrete Planter	850.06	51.23
32 33 33 00-0021	EA 42" Square, 30" Height, Square Precast Concrete Planter	971.69	55.17
32 33 33 00-0022	EA 60" Square, 36" Height, Square Precast Concrete Planter	1,524.30	63.05
32 33 33 00-0023	EA 72" Square, 36" Height, Square Precast Concrete Planter	1,626.16	66.99
32 33 33 00-0024	Rectangular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0025	EA 33" x 18", 20" Height, Rectangular Precast Concrete Planter.....	489.22	23.65
32 33 33 00-0026	EA 48" x 18", 20" Height, Rectangular Precast Concrete Planter.....	577.63	35.47
32 33 33 00-0027	EA 60" x 18", 20" Height, Rectangular Precast Concrete Planter.....	669.34	39.41
32 33 33 00-0028	EA 72" x 18", 20" Height, Rectangular Precast Concrete Planter.....	763.96	49.26
32 33 33 00-0029	Fiberglass Planters (32 33 33)		
32 33 33 00-0030	Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0031	EA 36" Diameter, 27" High, Circular Fiberglass Planter	1,019.01	19.71
32 33 33 00-0032	EA 60" Diameter, 39" High, Circular Fiberglass Planter	1,694.13	19.71
32 33 33 00-0033	EA 36" Diameter, 24" High, Circular Fiberglass Planter	680.24	19.71
32 33 33 00-0034	EA 60" Diameter, 24" High, Circular Fiberglass Planter	1,338.23	19.71
32 33 33 00-0035	Tapered Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0036	EA 24" Diameter, 20" High, Tapered Circular Fiberglass Planter.....	398.06	19.71
32 33 33 00-0037	EA 30" Diameter, 25" High, Tapered Circular Fiberglass Planter.....	582.39	19.71
32 33 33 00-0038	EA 36" Diameter, 30" High, Tapered Circular Fiberglass Planter.....	1,036.14	19.71
32 33 33 00-0039	EA 40" Diameter, 36" High, Tapered Circular Fiberglass Planter.....	1,445.86	19.71
32 33 33 00-0040	Square Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0041	EA 24" Square, 21" High, Square Fiberglass Planter	521.92	19.71
32 33 33 00-0042	EA 24" Square, 24" High, Square Fiberglass Planter	533.47	19.71
32 33 33 00-0043	EA 30" Square, 12" High, Square Fiberglass Planter	539.58	19.71
32 33 33 00-0044	EA 30" Square, 21" High, Square Fiberglass Planter	611.75	19.71
32 33 33 00-0045	EA 30" Square, 24" High, Square Fiberglass Planter	664.33	19.71
32 33 33 00-0046	Rectangular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0047	EA 48" x 12", 12" High, Rectangular Fiberglass Planter	600.32	19.71
32 33 33 00-0048	EA 48" x 12", 21" High, Rectangular Fiberglass Planter.....	643.44	19.71
32 33 33 00-0049	EA 48" x 24", 12" High, Rectangular Fiberglass Planter.....	837.62	19.71
32 33 33 00-0050	EA 48" x 24", 21" High, Rectangular Fiberglass Planter.....	923.86	19.71
32 33 33 00-0051	Timber Planters (32 33 33)		
32 33 33 00-0052	Square Timber Planters (32 33 33 00-0051)		
32 33 33 00-0053	EA 14" Square, 30" High, Square Timber Planter.....	396.86	42.06
32 33 33 00-0054	EA 21" Square, 30" High, Square Timber Planter.....	396.86	42.06
32 33 33 00-0055	EA 27" Square, 30" High, Square Timber Planter.....	744.31	42.06
32 33 33 00-0056	EA 34" Square, 30" High, Square Timber Planter.....	646.44	42.06
32 33 33 00-0057	EA 41" Square, 36" High, Square Timber Planter.....	768.78	42.06
32 33 33 00-0058	EA 54" Square, 36" High, Square Timber Planter.....	1,962.81	42.06
32 33 33 00-0059	EA 81" Square, 36" High, Square Timber Planter.....	2,946.42	42.06
32 33 33 00-0060	Rectangular Timber Planters (32 33 33 00-0051)		
32 33 33 00-0061	EA 21" x 14", 30" High, Rectangular Timber Planter	391.97	42.06
32 33 33 00-0062	EA 27" x 14", 30" High, Rectangular Timber Planter	436.01	42.06
32 33 33 00-0063	EA 27" x 21", 30" High, Rectangular Timber Planter	568.14	42.06
32 33 33 00-0064	EA 34" x 21", 30" High, Rectangular Timber Planter	626.86	42.06
32 33 33 00-0065	EA 41" x 21", 30" High, Rectangular Timber Planter	803.03	42.06
32 33 33 00-0066	EA 34" x 27", 30" High, Rectangular Timber Planter	930.26	42.06
32 33 33 00-0067	EA 41" x 27", 30" High, Rectangular Timber Planter	1,037.92	42.06
32 33 33 00-0068	EA 54" x 27", 30" High, Rectangular Timber Planter	1,346.22	42.06
32 33 33 00-0069	EA 54" x 34", 30" High, Rectangular Timber Planter	1,517.49	42.06
32 33 33 00-0070	EA 68" x 34", 36" High, Rectangular Timber Planter	1,727.92	42.06
32 33 33 00-0071	EA 54" x 41", 36" High, Rectangular Timber Planter	1,644.73	42.06
32 33 33 00-0072	EA 68" x 41", 36" High, Rectangular Timber Planter	1,860.05	42.06
32 33 33 00-0073	EA 81" x 41", 36" High, Rectangular Timber Planter	2,080.26	42.06
32 33 43	Site Seating And Tables (32 33)		
32 33 43 13	Site Seating (32 33 43)		
32 33 43 13-0001	Benches (Landscapeforms) (32 33 43 13)		
	Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA 72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,340.19	70.10
32 33 43 13-0003	EA 72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	1,676.19	70.10
32 33 43 13-0004	EA 96" Backed Wood Bench (Landscapeforms Balustrade)	1,892.19	70.10
32 33 43 13-0005	EA End Loop Arms For Backed Bench (Landscapeforms Balustrade).....	155.05	17.52
32 33 43 13-0006	EA 72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's).....	1,340.19	70.10

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 33 43 13-0213	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E).....	1,627.11	35.05
32 33 43 13-0214	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P).....	879.80	35.05
32 33 43 13-0215	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P).....	1,199.16	35.05
32 33 43 13-0216	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	1,467.43	35.05
32 33 43 13-0217	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	1,652.66	35.05

32 33 43 53 Site Tables (32 33 43)**32 33 43 53-0001 Picnic Tables (32 33 43 53)****32 33 43 53-0002 Concrete Picnic Tables (32 33 43 53-0001)**

32 33 43 53-0003	EA	6' Concrete Picnic Table.....	2,063.84	158.70
------------------	----	-------------------------------	----------	--------

32 33 63 Skate Board Deterrent (32 33)**32 33 63 00-0001 Skate Stoppers (32 33 63)**

32 33 63 00-0002	EA	Aluminum Architectural Series Pieces, Skate Stopper.....	37.87	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-3.73	
		For >100 To 250, Deduct	-4.77	
		For >250, Deduct	-5.82	
32 33 63 00-0003	EA	Aluminum Fixed Angle Series Pieces, Skate Stopper.....	31.73	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-2.87	
		For >100 To 250, Deduct	-3.73	
		For >250, Deduct	-4.59	
32 33 63 00-0004	EA	Aluminum Fixed Radius Series Pieces, Skate Stopper.....	31.73	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-2.87	
		For >100 To 250, Deduct	-3.73	
		For >250, Deduct	-4.59	
32 33 63 00-0005	EA	Aluminum Bench Clips, Skate Stopper.....	21.56	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-1.76	
		For >100 To 250, Deduct	-2.33	
		For >250, Deduct	-2.91	
32 33 63 00-0006	EA	Aluminum Curve Clips, Skate Stopper.....	24.72	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-2.20	
		For >100 To 250, Deduct	-2.87	
		For >250, Deduct	-3.54	
32 33 63 00-0007	EA	Aluminum Hand Rail, Skate Stopper.....	22.44	
		Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-1.88	
		For >100 To 250, Deduct	-2.48	
		For >250, Deduct	-3.09	
32 33 63 00-0008	EA	Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper.....	21.27	
		Note: Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-1.72	
		For >100 To 250, Deduct	-2.28	
		For >250, Deduct	-2.85	
32 33 63 00-0009	EA	Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper.....	32.02	
		Note: Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-2.91	
		For >100 To 250, Deduct	-3.78	
		For >250, Deduct	-4.65	
32 33 63 00-0010	EA	Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper.....	53.77	
		Note: Includes drilling and anchoring into suitable surface material.		
		For >60 To 100, Deduct	-5.95	
		For >100 To 250, Deduct	-7.48	
		For >250, Deduct	-9.00	

32 39 Manufactured Site Specialties (32 39)**32 39 13 Manufactured Metal Bollards (32 39)****32 39 13 00-0001 Metal Pipe Bollards (32 39 13)**

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated (32 39 13 00-0001)

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated.....	35.27	9.53
		For Galvanized Steel, Add	2.75	
		For 304 Stainless Steel, Add	21.87	
		For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add	100.28	
		For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add	74.66	
		For Schedule 80, Add	4.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 13 00-0004	LF		6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i> <i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i> <i>For Schedule 80, Add</i>	44.62 4.34 34.49 100.28 74.66 5.74	9.53
32 39 13 00-0005	LF		8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i> <i>For Each Sleeve For Removable, Lockable Bollard, Add</i> <i>For Schedule 80, Add</i>	61.72 6.44 51.15 133.32 114.07 8.07	11.92
32 39 13 00-0006	LF		10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i> <i>For Each Sleeve For Removable, Lockable Bollard, Add</i> <i>For Schedule 80, Add</i>	80.43 8.81 69.98 152.36 123.26 10.64	14.30
32 39 13 00-0007	LF		12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i> <i>For Each Sleeve For Removable, Lockable Bollard, Add</i> <i>For Schedule 80, Add</i>	102.46 10.94 86.86 205.52 170.33 13.46	19.07
32 39 13 00-0008			Cast Bollards (32 39 13 00-0001)		
32 39 13 00-0009	EA		36" Cast Aluminum Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	976.96	57.19
32 39 13 00-0010	EA		36" Cast Aluminum Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,625.63	57.19
32 39 13 00-0011	EA		36" Cast Iron Bollard, Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, all colors.	833.55	57.19
32 39 13 00-0012	EA		36" Cast Iron Removable Bollard, Black Powder Coat Finish Note: 8-1/2" diameter, embedded mounting plate, lockable, all colors.	1,486.06	57.19
32 39 16			Manufactured Concrete Bollards (32 39)		
32 39 16 00-0001			Concrete Bollards (32 39 16) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 16 00-0002			Concrete Bollard, Exposed Aggregate (32 39 16 00-0001)		
32 39 16 00-0003	EA		12" x 12" x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	526.98	76.26
32 39 16 00-0004	EA		12" Diameter x 30" High Concrete Bollard, Light Sandblast Note: Surface mounted with anchor bolts embedded into grout pockets.	526.98	76.26
32 39 19			Manufactured Wood Bollards (32 39)		
32 39 19 00-0001			Wood Bollards (32 39 19) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 19 00-0002			Wood Bollard, Pressure Treated Timber (32 39 19 00-0001)		
32 39 19 00-0003	LF		4" x 4", Pressure Treated Wood Bollard <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	17.98 76.40	7.63
32 39 19 00-0004	LF		6" x 6", Pressure Treated Wood Bollard <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	20.85 76.40	7.63
32 39 19 00-0005	LF		8" x 8", Pressure Treated Wood Bollard <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	27.13 118.26	8.58
32 39 19 00-0006	LF		10" x 10", Pressure Treated Wood Bollard <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	38.42 129.28	11.44
32 39 19 00-0007	LF		12" x 12", Pressure Treated Wood Bollard <i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	52.87 182.09	15.25
32 39 23			Manufactured Plastic Bollards (32 39)		
32 39 23 00-0001			Plastic Bollards (32 39 23) See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002			Recycled Plastic Bollards (32 39 23 00-0001)		
32 39 23 00-0003	EA		6" x 6" x 33" Surface Mounted Recycled Plastic Bollard Note: Includes anchor bolts.	199.19	38.12
32 39 23 00-0004	EA		6" Diameter x 6" Steel Reinforced Recycled Plastic Bollard	308.64	38.12
32 39 23 00-0005			Plastic Bollard Covers (32 39 23 00-0001)		
32 39 23 00-0006	EA		4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe <i>For Reflective Tape, Add</i>	50.51 5.16	8.99
32 39 23 00-0007	EA		6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe <i>For Reflective Tape, Add</i>	54.83 5.16	9.90
32 39 23 00-0008	EA		3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe <i>For Reflective Tape, Add</i>	66.78 5.16	8.99
32 39 23 00-0009	EA		3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe <i>For Reflective Tape, Add</i>	66.78 5.16	8.99

32 Exterior Improvements**32 30 Site Improvements****32 39 Manufactured Site Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 39 23 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe.....	74.37	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	66.78	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	67.86	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	66.78	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	67.86	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	92.81	8.99
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	68.58	9.90
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	85.93	9.90
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	97.12	9.90
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	83.38	10.79
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe.....	89.89	10.79
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe.....	89.89	10.79
		<i>For Reflective Tape, Add</i>	5.16	
32 39 23 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe.....	119.18	10.79
		<i>For Reflective Tape, Add</i>	5.16	

32 39 26 Manufactured Stone Bollards (32 39)

32 39 26 00-0001		Stone Bollards (32 39 26) See CSI section 32.31.13.13-0001 for augering and filling holes for bollards, 32.31.13.13-0018 for concrete fill.		
32 39 26 00-0002		Granite Bollards (32 39 26 00-0001)		
32 39 26 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish.....	950.55	95.31
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 26 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish.....	1,206.43	133.44
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 26 00-0005	EA	12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top.....	596.84	95.31
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 26 00-0006	EA	12" Diameter x 18" Granite Bollard, Smooth Matt Finish.....	870.97	76.26
		Note: Flat Top, surface mounted with anchors embedded into grout pockets.		
32 39 26 00-0007	EA	24" x 24" x 20" Granite Bollard, Octagonal Cross Section.....	1,292.39	76.26
		Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.		

32 80 Irrigation (32)**32 84 Planting Irrigation (32 80)****32 84 13 Drip Irrigation (32 84)**

32 84 13 00-0001		Drip Emitter Irrigation Devices (32 84 13)		
32 84 13 00-0002		Drip Emitter Irrigation Valves (32 84 13 00-0001)		
32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rainbird ARV050).....	32.83	8.45
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LFV100).....	46.83	8.45
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LFV075).....	45.86	8.45
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rainbird LFV075TBOS).....	59.02	8.45
32 84 13 00-0007		Drip Emitter Irrigation Filters (32 84 13 00-0001)		
32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird QKCHK-075).....	86.82	8.45
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird QKCHK-100).....	87.54	8.45
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rainbird RBY075MPTX).....	38.95	8.45
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rainbird RBY100MPTX).....	39.53	8.45
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rainbird PRB-QCHK-100).....	93.56	8.45
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rainbird PRF075RBY).....	47.66	8.45
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rainbird PRF100RBY).....	52.19	8.45
32 84 13 00-0015		Drip Emitter Irrigation Pressure Regulators (32 84 13 00-0001)		
32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-L30X-075).....	38.36	8.45
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M30X-075).....	38.36	8.45
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M40X-075).....	38.36	8.45
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rainbird PSI-M40X-100).....	43.13	8.45
32 84 13 00-0020		Drip Emitter Irrigation Tubing (32 84 13 00-0001) Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.		
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rainbird LDQ0806100).....	2.95	1.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0022	LF		1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rainbird XFD0612100).....	2.87	1.35
32 84 13 00-0023	LF		1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rainbird XQ100).....	2.49	1.19
			<i>For Shallow Trenching And Backfill By Hand, Add</i>	4.86	
32 84 13 00-0024	LF		1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rainbird XT700100).....	2.87	1.35
			<i>For Shallow Trenching And Backfill By Hand, Add</i>	5.26	
32 84 13 00-0025			Drip Emitter Irrigation Fittings (32 84 13 00-0001)		
32 84 13 00-0026	EA		1/4", Barbed Coupling For Irrigation Tubing (Rainbird XBF1CONN).....	2.20	
32 84 13 00-0027	EA		1/4", Barbed Elbow For Irrigation Tubing (Rainbird XBF2EL).....	2.21	
32 84 13 00-0028	EA		1/4", Barbed Tee For Irrigation Tubing (Rainbird XBF3TEE).....	2.24	
32 84 13 00-0029	EA		1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rainbird SPB025).....	2.33	
32 84 13 00-0030	EA		1/4", Plug For Irrigation Tubing (Rainbird EMAGPX).....	2.18	
32 84 13 00-0031	EA		17mm, Barbed Coupling For Irrigation Tubing (Rainbird XFFCOUP).....	2.28	
			<i>For Compression Fitting, Add</i>	0.17	
32 84 13 00-0032	EA		17mm, Barbed Elbow For Irrigation Tubing (Rainbird XFF-ELBOW).....	2.33	
			<i>For Compression Fitting, Add</i>	0.22	
32 84 13 00-0033	EA		17mm, Barbed Tee For Irrigation Tubing (Rainbird XFF-TEE).....	2.36	
			<i>For Compression Fitting, Add</i>	0.25	
32 84 13 00-0034	EA		17mm, Barbed Male Adapter For Irrigation Tubing (Rainbird XFFMA050).....	2.37	
			<i>For Compression Fitting, Add</i>	0.26	
32 84 13 00-0035	EA		17mm, Barbed Cross For Irrigation Tubing (Rainbird XFDCROSS).....	2.47	
			<i>For Compression Fitting, Add</i>	0.36	
32 84 13 00-0036	EA		1/2", Plug For Irrigation Tubing (Rainbird MDCFCAP).....	2.59	
32 84 13 00-0037	EA		12 Gauge, Galvanized Stake For Irrigation Tubing (Rainbird TDS050BEND).....	1.29	
32 84 13 00-0038			Drip Emitters (32 84 13 00-0001)		
32 84 13 00-0039	EA		0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird XB20PC).....	4.50	
32 84 13 00-0040	EA		5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird PC24).....	4.96	
32 84 13 00-0041	EA		0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rainbird XB056).....	9.61	
32 84 13 00-0042			Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters (32 84 13 00-0001)		
32 84 13 00-0043	EA		Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rainbird SXB360SPYK).....	17.62	7.61
32 84 13 00-0044	EA		Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rainbird XS360TSPYK).....	17.64	7.61
32 84 13 00-0045	EA		12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rainbird SQADP12 With SQFUL).....	18.92	7.61
32 84 13 00-0046	EA		24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems Rainbird SQADP24 With SQFUL).....	19.06	7.61
32 84 13 00-0047	EA		4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP-400X With SQFUL).....	26.94	9.97
			Note: Includes nozzle.		
32 84 13 00-0048	EA		6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP-600X With SQFUL).....	28.59	9.97
			Note: Includes nozzle.		
32 84 13 00-0049	EA		12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rainbird XP1200X With SQFUL).....	27.34	9.97
			Note: Includes nozzle.		
32 84 13 00-0050			Subsurface Drip Emitter Irrigation Tubing (Rainbird XFS) (32 84 13 00-0001)		
			Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF		0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rainbird XFS Copper Shield).....	3.27	1.48
32 84 23			Underground Sprinklers (32 84)		
32 84 23 00-0001			Sprinkler Heads (32 84 23)		
32 84 23 00-0002			Spray Sprinkler Heads (32 84 23 00-0001)		
			Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA		2" Pop-Up Height, Spray Sprinkler Head (Rainbird 1802P).....	24.03	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0004	EA		4" Pop-Up Height, Spray Sprinkler Head (Rainbird 1804P).....	23.10	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0005	EA		6" Pop-Up Height, Spray Sprinkler Head (Rainbird 1806P).....	26.56	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0006	EA		12" Pop-Up Height, Spray Sprinkler Head (Rainbird 1812P).....	29.47	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0007	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1804-SAM).....	24.40	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0008	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1806-SAM).....	29.28	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0009	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rainbird 1812-SAM).....	31.63	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0010	EA		4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1804-PRS).....	25.79	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0011	EA		6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1806-PRS).....	30.24	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0012	EA		12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rainbird 1812-PRS).....	32.43	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0013	EA		4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1804-SAM-PRS).....	26.35	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0014	EA		6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1806-SAM-PRS).....	33.17	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0015	EA		12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 1812-SAM-PRS).....	35.34	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0016	EA		Bubbler Head With Screen, 1/2" NPT (Rainbird 1300)	21.28	9.33
			<i>For Rotary Nozzle, Add</i>	3.25	
32 84 23 00-0017	EA		Pressure Compensating Bubbler With Screen, 1/2" NPT (Rainbird 1400).....	23.44	9.33
32 84 23 00-0018			Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0001)</small>		
			Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019			1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small>		
			Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 3504PC).....	30.89	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0021	EA		4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 3504-PC-SAM)	31.66	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0022			3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small>		
			Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 5004-PLPC)	29.03	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0024	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 5006-PLPC)	37.37	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0025	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5004-PLPCS)	30.58	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0026	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5006-PLPCS)	38.61	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0027	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rainbird 5004+PCR)	31.20	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0028	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5004+FCSR)	32.43	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0029	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5006+PCSR)	40.46	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0030	EA		12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5012+PCSR)	45.40	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0031	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rainbird 5000S-PLPCS).....	32.28	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0032	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rainbird 5000S+PCSR)	37.22	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0033			1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small>		
			Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA		4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird F4PC)	48.96	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
			<i>For Stainless Steel Riser And High Speed Rotor, Add</i>	22.74	
32 84 23 00-0035			1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads <small>(32 84 23 00-0018)</small>		
			Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA		5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rainbird 8005).....	66.87	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
			<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0037			Impact-Drive Sprinkler Heads <small>(32 84 23 00-0001)</small>		
			Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA		1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rainbird 2045A-08).....	40.31	9.33
			<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0039	EA		1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rainbird 2045-PJ08).....	32.90	9.33
32 84 23 00-0040	EA		3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rainbird 35A-ADJ-TNTB)	57.59	9.33
32 84 23 00-0041			Electric Remote Control Irrigation Valves <small>(32 84 23)</small>		
32 84 23 00-0042			0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rainbird DV Series) <small>(32 84 23 00-0041)</small>		
			Note: 15 to 150 PSI.		
32 84 23 00-0043	EA		3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 75DV).....	101.28	38.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0044	EA		1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 100DV).....	101.28	38.90
32 84 23 00-0045	EA		1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rainbird 100DVSS).....	112.40	44.35
32 84 23 00-0046	EA		1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rainbird 100DVA).....	101.89	38.90
32 84 23 00-0047			0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rainbird DVF Series) (32 84 23 00-0041)		
			Note: 15 to 150 PSI.		
32 84 23 00-0048	EA		1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rainbird 100DVF).....	101.89	38.90
32 84 23 00-0049	EA		1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rainbird 100DVFSS).....	113.32	44.35
32 84 23 00-0050	EA		1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rainbird 100DVFMB).....	113.94	44.35
32 84 23 00-0051			0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rainbird PEB Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI.		
32 84 23 00-0052	EA		1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 100PEB).....	151.31	38.90
32 84 23 00-0053	EA		1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 150PEB).....	172.94	38.90
32 84 23 00-0054	EA		2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rainbird 200PEB).....	200.74	38.90
32 84 23 00-0055			5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rainbird PEB PRS-D Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA		1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 100PEB PRS-D).....	208.46	43.72
32 84 23 00-0057	EA		1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 150PEB PRS-D).....	230.08	43.72
32 84 23 00-0058	EA		2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 200PEB PRS-D).....	257.88	43.72
32 84 23 00-0059			20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rainbird PESB PRS-D Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA		1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 100PESB PRS-D).....	239.34	43.72
32 84 23 00-0061	EA		1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 150PESB PRS-D).....	260.97	43.72
32 84 23 00-0062	EA		2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rainbird 200PESB PRS-D).....	288.77	43.72
32 84 23 00-0063			0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA		1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B).....	212.81	38.90
32 84 23 00-0065	EA		1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B).....	312.21	38.90
32 84 23 00-0066	EA		2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B).....	321.20	38.90
32 84 23 00-0067	EA		3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B).....	728.85	52.51
32 84 23 00-0068			5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rainbird EFB-CP Series) (32 84 23 00-0041)		
			Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA		1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 100EFB-CP).....	201.75	43.72
32 84 23 00-0070	EA		1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 125EFB-CP).....	231.31	43.72
32 84 23 00-0071	EA		1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 150EFB-CP).....	263.41	43.72
32 84 23 00-0072	EA		2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rainbird 200EFB-CP).....	305.66	43.72
32 84 23 00-0073			0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA		1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS).....	257.32	43.72
32 84 23 00-0075	EA		1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS).....	375.25	43.72
32 84 23 00-0076	EA		2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS).....	385.36	43.72
32 84 23 00-0077	EA		3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS).....	770.62	43.72
32 84 23 00-0078			0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA		1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ).....	257.74	38.90

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0080	EA		1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ).....	357.14	38.90
32 84 23 00-0081	EA		2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ).....	366.13	38.90
32 84 23 00-0082	EA		3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ).....	773.78	52.51
32 84 23 00-0083			5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rainbird EFB-CP PRS-D Series) <i>(32 84 23 00-0041)</i>		
			Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA		1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 100EFB-CP PRS-D).....	248.09	43.72
32 84 23 00-0085	EA		1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 125EFB-CP PRS-D).....	277.65	43.72
32 84 23 00-0086	EA		1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 150EFB-CP PRS-D).....	309.74	43.72
32 84 23 00-0087	EA		2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rainbird 200EFB-CP PRS-D).....	351.99	43.72
32 84 23 00-0088			0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) <i>(32 84 23 00-0041)</i>		
			Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089	EA		1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ).....	302.24	43.72
32 84 23 00-0090	EA		1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ).....	420.18	43.72
32 84 23 00-0091	EA		2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ).....	430.29	43.72
32 84 23 00-0092	EA		3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ).....	815.55	43.72
32 84 23 00-0093			Other Electric Remote Control Valves/Accessories <i>(32 84 23 00-0041)</i>		
32 84 23 00-0094	EA		Pressure Regulator Module For Electric Remote Control Valves (Rainbird PRS-DIAL).....	77.45	
32 84 23 00-0095			Irrigation Valve Boxes <i>(32 84 23)</i>		
			Note: Includes lid.		
32 84 23 00-0096	EA		6" Round Irrigation Valve Box With Lid (Rainbird® PVB-6RND).....	64.66	28.00
32 84 23 00-0097	EA		7" Round Irrigation Valve Box With Lid (Rainbird® VB-7RND).....	71.95	28.00
32 84 23 00-0098	EA		10" Round Irrigation Valve Box With Lid (Rainbird® VB-10RND).....	94.47	36.88
32 84 23 00-0099	EA		21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rainbird® VB-STD).....	156.84	53.84
32 84 23 00-0100	EA		21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-STDH).....	159.41	53.84
32 84 23 00-0101	EA		26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rainbird® VB-JMB).....	177.87	53.84
32 84 23 00-0102	EA		26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-JMBH).....	180.07	53.84
32 84 23 00-0103	EA		33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-SPRH).....	285.56	53.84
32 84 23 00-0104	EA		40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rainbird® VB-MAXH).....	422.19	53.84
32 84 23 00-0105			Irrigation Controllers <i>(32 84 23)</i>		
32 84 23 00-0106			Irrigation Controllers <i>(32 84 23 00-0105)</i>		
32 84 23 00-0107			Irrigation Controllers (Rainbird) <i>(32 84 23 00-0106)</i>		
32 84 23 00-0108			Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP Series) <i>(32 84 23 00-0107)</i>		
32 84 23 00-0109			Four Program, Modular Irrigation Controllers (Rainbird ESP-ME Series) <i>(32 84 23 00-0108)</i>		
32 84 23 00-0110			Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP-ME Series) <i>(32 84 23 00-0109)</i>		
32 84 23 00-0111	EA		4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	203.74	28.04
32 84 23 00-0112	EA		7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	285.99	28.04
32 84 23 00-0113	EA		10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	368.23	28.04
32 84 23 00-0114	EA		13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	450.48	28.04
32 84 23 00-0115	EA		16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	504.69	28.04
32 84 23 00-0116	EA		19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	590.43	28.04
32 84 23 00-0117	EA		22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	676.19	28.04
32 84 23 00-0118			Four Program, Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-ME Series) <i>(32 84 23 00-0109)</i>		
32 84 23 00-0119	EA		4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	226.59	28.04
32 84 23 00-0120	EA		7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	308.84	28.04
32 84 23 00-0121	EA		10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	391.08	28.04
32 84 23 00-0122	EA		13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	473.33	28.04
32 84 23 00-0123	EA		16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	527.54	28.04
32 84 23 00-0124	EA		19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	613.28	28.04
32 84 23 00-0125	EA		22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-ME Series).....	699.04	28.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST

32 84 23 00-0126			Four Program, Modular Irrigation Controllers (Rainbird ESP-SMTE Series) <small>(32 84 23 00-0108)</small>				
32 84 23 00-0127			Four Program, Indoor Mount, Modular Irrigation Controllers (Rainbird ESP-SMTEI Series) <small>(32 84 23 00-0126)</small>				
32 84 23 00-0128	EA		4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	283.11			28.04
32 84 23 00-0129	EA		7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	365.37			28.04
32 84 23 00-0130	EA		10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	447.61			28.04
32 84 23 00-0131	EA		13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	529.85			28.04
32 84 23 00-0132	EA		16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	584.06			28.04
32 84 23 00-0133	EA		19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	669.80			28.04
32 84 23 00-0134	EA		22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTEI Series).....	755.56			28.04
32 84 23 00-0135			Four Program, Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-SMTE Series) <small>(32 84 23 00-0126)</small>				
32 84 23 00-0136	EA		4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	300.24			28.04
32 84 23 00-0137	EA		7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	382.49			28.04
32 84 23 00-0138	EA		10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	464.73			28.04
32 84 23 00-0139	EA		13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	546.97			28.04
32 84 23 00-0140	EA		16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	601.18			28.04
32 84 23 00-0141	EA		19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	686.92			28.04
32 84 23 00-0142	EA		22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-SMTE Series).....	772.68			28.04
32 84 23 00-0143			Accessories For ESP-ME/MEI Irrigation Controllers <small>(32 84 23 00-0108)</small>				
32 84 23 00-0144	EA		3-Station Expansion Module For ESP Series Irrigation Controllers (Rainbird ESP-SM3)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 2- stations.	85.74			
32 84 23 00-0145	EA		6-Station Expansion Module For ESP Series Irrigation Controllers (Rainbird ESP-SM6)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 2- stations.	166.74			
32 84 23 00-0146	EA		Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rainbird ESPSMTEUPG).....	178.77			
32 84 23 00-0147			Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LX Series) <small>(32 84 23 00-0107)</small>				
32 84 23 00-0148			Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LX Basic Series) <small>(32 84 23 00-0147)</small>				
32 84 23 00-0149	EA		12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	453.12			28.04
32 84 23 00-0150	EA		16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	555.00			28.04
32 84 23 00-0151	EA		20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	657.97			28.04
32 84 23 00-0152	EA		24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	759.85			28.04
32 84 23 00-0153	EA		28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	862.84			28.04
32 84 23 00-0154	EA		32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	964.71			28.04
32 84 23 00-0155	EA		36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	1,067.69			28.04
32 84 23 00-0156	EA		40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	1,169.56			28.04
32 84 23 00-0157	EA		44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	1,272.54			28.04
32 84 23 00-0158	EA		48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LX Basic Series).....	1,374.42			28.04
32 84 23 00-0159			Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rainbird ESP-LXME Series) <small>(32 84 23 00-0147)</small>				
32 84 23 00-0160	EA		8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	417.75			28.04
32 84 23 00-0161	EA		12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	519.61			28.04
32 84 23 00-0162	EA		16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	622.60			28.04
32 84 23 00-0163	EA		20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	724.46			28.04
32 84 23 00-0164	EA		24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	827.45			28.04
32 84 23 00-0165	EA		28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	929.33			28.04
32 84 23 00-0166	EA		32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	1,032.31			28.04
32 84 23 00-0167	EA		36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	1,134.18			28.04
32 84 23 00-0168	EA		40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	1,237.16			28.04
32 84 23 00-0169	EA		44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	1,339.03			28.04
32 84 23 00-0170	EA		48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rainbird ESP-LXME Series).....	1,442.02			28.04
32 84 23 00-0171			Accessories For ESP-LX/LXME Irrigation Controllers <small>(32 84 23 00-0147)</small>				
32 84 23 00-0172	EA		Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rainbird LXMM).....	272.34			
32 84 23 00-0173	EA		Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMSPED + LXMM)..... Note: Excludes concrete foundation.	619.48			
32 84 23 00-0174	EA		Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMSS).....	552.15			
32 84 23 00-0175	EA		Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rainbird LXMMSSPED + LXMMSS)..... Note: Excludes concrete foundation.	1,217.90			
32 84 23 00-0176	EA		4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM4)..... Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 4- stations.	101.88			
32 84 23 00-0177	EA		8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM8)..... Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 4- stations.	204.85			
32 84 23 00-0178	EA		12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rainbird ESPLXMSM12)..... Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 4- stations.	314.34			

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0179	EA		Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rainbird FSM-LXME).....	108.71	
32 84 23 00-0180			Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rainbird TBOS-II Series) <small>(32 84 23 00-0107)</small>		
32 84 23 00-0181			Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rainbird TBOS-II Series) <small>(32 84 23 00-0180)</small>		
32 84 23 00-0182	EA		1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series).....	200.48	28.04
32 84 23 00-0183	EA		2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series).....	247.91	28.04
32 84 23 00-0184	EA		4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rainbird TBOS-II Series).....	323.93	28.04
32 84 23 00-0185			Accessories For TBOS-II Series Irrigation Controllers <small>(32 84 23 00-0180)</small>		
32 84 23 00-0186	EA		Field Transmitter For TBOS-II Series Irrigation Controllers (Rainbird TBOS2FTUS).....	193.93	
32 84 23 00-0187	EA		Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rainbird TBOSPSOL).....	58.32	21.03
32 84 23 00-0188			Accessories For Irrigation Controllers (Rainbird) <small>(32 84 23 00-0107)</small>		
32 84 23 00-0189	EA		Wired Rain Sensor For Irrigation Controllers (Rainbird RSDBEX).....	102.40	21.03
32 84 23 00-0190	EA		Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rainbird WR2RC).....	191.73	21.03
32 84 23 00-0191	EA		Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rainbird WR2RFC).....	198.38	21.03
32 84 23 00-0192	EA		Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rainbird SMRT-Y).....	256.00	21.03
32 84 23 00-0193			Two-Wire Decoder Systems <small>(32 84 23 00-0105)</small>		
32 84 23 00-0194			Two-Wire Decoder Systems (Rainbird) <small>(32 84 23 00-0193)</small>		
32 84 23 00-0195			Controllers For Two-Wire Decoder Systems (Rainbird ESP-LXD Series) <small>(32 84 23 00-0194)</small>		
			Note: Includes water resistant cabinet.		
32 84 23 00-0196	EA		50-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series).....	1,128.01	28.04
32 84 23 00-0197	EA		125-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series).....	1,790.46	28.04
32 84 23 00-0198	EA		200-Station, Modular Controller For Two-Wire Decoder Systems (Rainbird ESP-LXD Series).....	2,452.91	28.04
32 84 23 00-0199			Field Decoders For Two-Wire Decoder Systems (Rainbird) <small>(32 84 23 00-0194)</small>		
32 84 23 00-0200	EA		One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD101TURF).....	151.09	28.04
32 84 23 00-0201	EA		One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD102TURF).....	189.49	28.04
32 84 23 00-0202	EA		Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD202TURF).....	275.92	28.04
32 84 23 00-0203	EA		Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD401TURF).....	322.90	28.04
32 84 23 00-0204	EA		Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rainbird FD601TURF).....	509.28	28.04
32 84 23 00-0205			Accessories For Two-Wire Decoder Systems (Rainbird) <small>(32 84 23 00-0194)</small>		
32 84 23 00-0206	EA		50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rainbird MOD50-LXD).....	869.86	
32 84 23 00-0207	EA		75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rainbird SPLXDSM75).....	662.45	
32 84 23 00-0208	EA		Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rainbird LSP1TURF).....	115.91	24.54
32 84 23 00-0209	EA		Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rainbird SD210TURF).....	421.94	28.04
32 84 23 00-0210			Calsense Controllers <small>(32 84 23 00-0105)</small>		
32 84 23 00-0211			Irrigation Controllers <small>(32 84 23 00-0210)</small>		
32 84 23 00-0212	EA		6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6).....	1,445.92	70.10
32 84 23 00-0213	EA		8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8).....	1,858.19	78.85
32 84 23 00-0214	EA		12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12).....	2,537.68	87.62
32 84 23 00-0215	EA		16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16).....	2,786.67	87.62
32 84 23 00-0216	EA		24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24).....	3,290.05	96.38
32 84 23 00-0217	EA		32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32).....	3,958.09	96.38
32 84 23 00-0218	EA		40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40).....	4,479.68	105.15
32 84 23 00-0219	EA		48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48).....	5,008.04	105.15
32 84 23 00-0220	EA		Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE).....	1,450.35	35.05
32 84 23 00-0221	EA		Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE).....	622.20	35.05
32 84 23 00-0222			Irrigation Controller Accessories <small>(32 84 23 00-0210)</small>		
32 84 23 00-0223	EA		Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1).....	58.30	
32 84 23 00-0224	EA		Spare Lock For Enclosures (Calsense PAD).....	63.16	
32 84 23 00-0225	EA		Hardware And Software For Up To 4 Additional Light Circuits (Calsense L).....	80.68	8.77
32 84 23 00-0226	EA		Transformer For Irrigation Controllers (Calsense TR-1).....	130.83	35.05
32 84 23 00-0227	EA		AC Line Protection For Irrigation Controllers (Calsense TP-110).....	319.10	35.05
32 84 23 00-0228	EA		Transient Protection Board For Irrigation Controller Stations (Calsense TP-1).....	416.27	35.05
			<i>For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add</i>	339.38	
32 84 23 00-0229			Sensors For Irrigation Controllers <small>(32 84 23 00-0210)</small>		
32 84 23 00-0230			Flow Sensors <small>(32 84 23 00-0229)</small>		
32 84 23 00-0231	EA		1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5).....	724.61	52.57
			<i>For Flow Meter Replacement Insert Only, Deduct</i>	-359.51	
32 84 23 00-0232	EA		2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2).....	748.90	52.57
			<i>For Flow Meter Replacement Insert Only, Deduct</i>	-383.80	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0233	EA		3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3) <i>For Flow Meter Replacement Insert Only, Deduct</i>	773.19 -408.09	52.57
32 84 23 00-0234	EA		1" Brass Tee Mounted Flow Meter (Calsense FM 1B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	862.90 -497.58	70.10
32 84 23 00-0235	EA		1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	923.63 -558.31	70.10
32 84 23 00-0236	EA		1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	947.92 -582.60	70.10
32 84 23 00-0237	EA		2" Brass Tee Mounted Flow Meter (Calsense FM 2B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,105.82 -612.22	70.10
32 84 23 00-0238	EA		2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)..... Note: For 4" and larger pipe. Excludes pipe saddle. <i>For Flow Meter Replacement Insert Only, Deduct</i>	847.46 -353.86	35.05
32 84 23 00-0239			Moisture Sensors <small>(32 84 23 00-0229)</small>		
32 84 23 00-0240	EA		Soil Moisture Sensor (Calsense 1000-S).....	307.64	26.28
32 84 23 00-0241			Weather Sensors <small>(32 84 23 00-0229)</small>		
32 84 23 00-0242	EA		Wind Gage, Irrigation Weather Sensor (Calsense WG-1)	838.61	70.10
32 84 23 00-0243	EA		Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1).....	1,003.09	140.20
32 84 23 00-0244	EA		ET Gage, Irrigation Weather Sensor (Calsense ETG).....	1,880.39	105.15
32 84 23 00-0245			Weather Sensor Accessories <small>(32 84 23 00-0229)</small>		
32 84 23 00-0246	EA		Replacement Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C).....	555.95	
32 84 23 00-0247	EA		Replacement Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,029.65	
32 84 23 00-0248	EA		Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE).....	555.95	35.05
32 84 23 00-0249	EA		Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE).....	1,243.60	35.05
32 84 23 00-0250			Antennas For Irrigation Controllers <small>(32 84 23 00-0210)</small>		
			Note: Excludes antenna cable.		
32 84 23 00-0251	EA		Local Radio Dome Antenna (Calsense LR-DOME)	300.88	35.05
32 84 23 00-0252	EA		Local Radio Stick Antenna (Calsense LR-STICK)	428.41	35.05
32 84 23 00-0253	EA		Local Radio Yagi Antenna (Calsense LR-YAGI).....	498.51	70.10
32 84 23 00-0254	EA		Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR).....	300.88	35.05
32 84 23 00-0255	EA		Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	300.88	35.05
32 84 23 00-0256	EA		GPRS Stubby Antenna (Calsense GR-STUBBY)	300.88	35.05
32 84 23 00-0257	EA		GPRS Stick Antenna (Calsense GR-STICK)	428.41	35.05
32 84 23 00-0258	EA		Spread Spectrum Dome Antenna (Calsense SR-DOME).....	300.88	35.05
32 84 23 00-0259	EA		Spread Spectrum Stick Antenna (Calsense SR-STICK).....	428.41	35.05
32 84 23 00-0260	EA		Spread Spectrum Yagi Antenna (Calsense SR-YAGI)	498.51	70.10
32 84 23 00-0261	EA		Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR)	300.88	35.05
32 84 23 00-0262	EA		Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE)	300.88	35.05
32 84 23 00-0263	EA		Spread Spectrum Stubby Antenna (Calsense SR-STUBBY).....	300.88	35.05
32 84 23 00-0264	EA		WiFi Stubby Antenna (Calsense WEN-STUBBY)	300.88	35.05
32 84 23 00-0265	LF		Antenna Cable With End Connectors (Calsense LMR-400-DB)	7.88	0.42
32 84 23 00-0266	EA		Surge Protection Device For Antenna (Calsense ANT-PROT).....	290.12	17.52
32 84 23 00-0267	EA		5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5).....	477.00	35.05
32 84 23 00-0268	EA		3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM).....	394.75	
32 84 23 00-0269	EA		Local Radio Frequency Filter (Calsense LR-FILTER).....	558.73	
32 84 23 00-0270	EA		Spread Spectrum Frequency Filter (Calsense SR-FILTER)	412.97	
32 84 23 00-0271			Pedestals And Enclosures For Irrigation Controllers <small>(32 84 23 00-0210)</small>		
32 84 23 00-0272	EA		15 Amp, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER).....	287.34	52.57
32 84 23 00-0273	EA		Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX)	672.13	87.62
32 84 23 00-0274	EA		Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP)	707.78	35.05
			Note: Includes GFI and receptacle.		
32 84 23 00-0275	EA		Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1)..... Note: Includes factory installed transient protection board and AC line protection.	836.00	26.28
32 84 23 00-0276	EA		Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE)..... Note: Includes factory installed transient protection board and AC line protection.	2,585.88	26.28
32 84 23 00-0277	EA		Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R)..... Note: Includes factory installed transient protection board, AC line protection and dome antenna.	2,919.07	26.28
32 84 23 00-0278	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D)..... Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.	4,244.24	52.57
32 84 23 00-0279	EA		Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R)	4,447.14	52.57
			Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.		
32 84 23 00-0280	EA		Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM)	150.02	
32 84 23 00-0281	EA		Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED)	483.76	
32 84 23 00-0282			Central Computer For Irrigation Control Systems <small>(32 84 23 00-0210)</small>		
32 84 23 00-0283	EA		Central Computer For Irrigation Control Systems (Calsense COMP-2)..... Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.	3,261.24	
32 84 23 00-0284	EA		Command Center Water Management Software For Central Computer (Calsense COMM-1).....	5,756.73	
32 84 23 00-0285	EA		Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5)..... Note: Package price for up to 5 users. Includes remote communication through internet connection.	1,111.65	
32 84 23 00-0286	EA		>5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10)..... Note: Package price for 6 to 10 users. Includes remote communication through internet connection.	2,174.22	
32 84 23 00-0287	EA		Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2)	3,495.75	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0288	EA	GPRS Radio For Use At Central Computer (Calsense DTR-G).....	2,086.94
32 84 23 00-0289		Data Access Service (32 84 23 00-0210)	
32 84 23 00-0290	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN)	17.67
		Note: For communication between GPRS unit and up to 2 controllers.	
32 84 23 00-0291	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR)	193.24
		Note: For communication between GPRS unit and up to 2 controllers.	
32 84 23 00-0292	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR)	828.15
		Note: For communication between GPRS unit and up to 2 controllers.	
32 84 23 00-0293	EA	1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M)	71.77
		Note: For communication between GPRS unit and multiple controllers.	
32 84 23 00-0294	EA	1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M)	772.94
		Note: For communication between GPRS unit and multiple controllers.	
32 84 23 00-0295	EA	5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M)	3,312.60
		Note: For communication between GPRS unit and multiple controllers.	
32 84 23 00-0296		Communication Options For Irrigation Controllers (32 84 23 00-0210)	
32 84 23 00-0297	EA	FCC License Fee (Calsense).....	128.91
32 84 23 00-0298	EA	P.C.I.A. And/Or A.P.C.O. Fee (Calsense).....	239.33
		Note: Per frequency or frequency pair.	
32 84 23 00-0299	EA	Hardware Communication Option For Irrigation Controllers (Calsense M)	640.44
		Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.	
32 84 23 00-0300	EA	Phone Line Communication Option For Irrigation Controllers (Calsense R)	673.56
32 84 23 00-0301	EA	Ethernet Communication Option For Irrigation Controllers (Calsense EN)	673.56
32 84 23 00-0302	EA	WiFi Communication Option For Irrigation Controllers (Calsense WEN)	1,380.25
32 84 23 00-0303	EA	Local Radio Communication Option For Irrigation Controllers (Calsense LR)	1,755.68
32 84 23 00-0304	EA	Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR).....	1,755.68
32 84 23 00-0305	EA	GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR)	1,755.68
32 84 23 00-0306	EA	Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM)	5,631.42
32 84 23 00-0307	EA	Communication Hub For Irrigation Controllers (Calsense HUB)	2,179.96
		Note: Accepts up to two communication options. Excludes communication options.	
32 84 23 00-0308		Retrofit Options For Irrigation Controllers (32 84 23 00-0210)	
32 84 23 00-0309		Weather Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0310	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	881.69
32 84 23 00-0311	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	881.69
32 84 23 00-0312	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	881.69
32 84 23 00-0313	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	881.69
32 84 23 00-0314		Phone Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0315	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	925.86
32 84 23 00-0316	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	1,091.48
32 84 23 00-0317	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	1,737.44
32 84 23 00-0318		Local Radio Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0319	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,036.28
32 84 23 00-0320	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	2,162.56
32 84 23 00-0321	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	2,803.00
32 84 23 00-0322		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0323	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,036.28
32 84 23 00-0324	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO).....	2,162.56
32 84 23 00-0325	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	2,803.00
32 84 23 00-0326		Ethernet Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0327	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,036.28
32 84 23 00-0328	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	1,091.48
32 84 23 00-0329	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	1,737.44
32 84 23 00-0330		GPRS Radio Modem Communication Retrofits For Irrigation Controllers (32 84 23 00-0308)	
32 84 23 00-0331	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO).....	1,036.28
32 84 23 00-0332	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	2,162.56
32 84 23 00-0333	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	2,803.00

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

32 84 23 00-0334			Radio Remote Units For Irrigation Controllers (32 84 23 00-0210)		
32 84 23 00-0335	EA		Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,041.80	
32 84 23 00-0336	EA		Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe).....	218.63	
			Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.		
32 84 23 00-0337	EA		Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG).....	93.86	
32 84 23 00-0338	EA		Replacement Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT).....	172.11	
32 84 23 00-0339	EA		Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT)	111.38	8.77
			Note: Excludes antenna cable.		
32 84 23 00-0340	EA		Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP)	210.76	8.77
			Note: Excludes antenna cable.		
32 84 23 00-0341	EA		Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome)	227.32	8.77
			Note: Excludes antenna cable.		
32 84 23 00-0342			Satellite Irrigation Controllers (Rainbird ESP-SAT) (32 84 23 00-0105)		
			Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0343	EA		12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP12SATLS).....	2,491.94	157.72
32 84 23 00-0344	EA		24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP24SATLS).....	2,628.07	166.48
32 84 23 00-0345	EA		40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rainbird® RBESP40SATLS).....	3,615.58	175.24
32 84 23 00-0346			Irrigation Valves (32 84 23)		
32 84 23 00-0347			Reduced Pressure Zone Valves With QT Shut-Offs (32 84 23 00-0346)		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0348	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series)	422.54	32.12
32 84 23 00-0349	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	502.24	39.21
32 84 23 00-0350	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	748.15	45.64
32 84 23 00-0351	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	794.03	52.40
32 84 23 00-0352	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series)	956.83	67.62
32 84 23 00-0353			Brass Quick-Coupling Irrigation Valves (32 84 23 00-0346)		
32 84 23 00-0354	EA		3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 3RC)	101.78	28.00
			For Valve Key, Add	22.70	
32 84 23 00-0355	EA		3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 33DRC).....	104.40	28.00
			For Locking Cover, Add	25.00	
			For Valve Key, Add	22.70	
32 84 23 00-0356	EA		1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 44RC)	133.28	28.00
			For Valve Key, Add	58.07	
32 84 23 00-0357	EA		1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rainbird® 44LRC)	143.78	28.00
			For Locking Cover, Add	25.00	
			For Valve Key, Add	58.07	
32 84 23 00-0358			Anti-Siphon Pressure Type Vacuum Breaker (32 84 23 00-0346)		
			Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0359	EA		3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	135.23	23.66
32 84 23 00-0360	EA		1" Anti-Siphon Pressure Type Vacuum Breaker	187.33	27.05
32 84 23 00-0361	EA		1-1/4" Anti-Siphon Pressure Type Vacuum Breaker	324.05	31.27
32 84 23 00-0362	EA		1-1/2" Anti-Siphon Pressure Type Vacuum Breaker	393.33	34.65
32 84 23 00-0363	EA		2" Anti-Siphon Pressure Type Vacuum Breaker	402.71	42.26
32 84 23 00-0364			Irrigation Piping (32 84 23)		
32 84 23 00-0365	LF		3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	2.19	0.98
			For >1,000, Deduct	-0.11	
32 84 23 00-0366	LF		1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	2.63	1.17
			For >1,000, Deduct	-0.13	
32 84 23 00-0367	LF		1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	3.64	1.48
			For >1,000, Deduct	-0.18	
32 84 23 00-0368	LF		2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	4.66	1.85
			For >1,000, Deduct	-0.23	
32 84 23 00-0369	LF		2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	5.84	2.17
			For >1,000, Deduct	-0.29	
32 84 23 00-0370	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	1.84	0.78
			For >1,000, Deduct	-0.09	
32 84 23 00-0371	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	2.30	0.98
			For >1,000, Deduct	-0.12	
32 84 23 00-0372	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	2.81	1.17
			For >1,000, Deduct	-0.14	
32 84 23 00-0373	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	3.77	1.48
			For >1,000, Deduct	-0.19	
32 84 23 00-0374	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	4.77	1.85
			For >1,000, Deduct	-0.24	
32 84 23 00-0375	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings	6.00	2.17
			For >1,000, Deduct	-0.30	
32 84 23 00-0376	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	8.39	3.11
			For >1,000, Deduct	-0.42	
32 84 23 00-0377			Irrigation Swing Joints (32 84 23)		
32 84 23 00-0378	EA		3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rainbird TSJ12075)	50.02	17.29
32 84 23 00-0379	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rainbird TSJ12)	61.14	21.59

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 84 23 00-0380	EA	1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rainbird TSJ100PRS).....	73.49	21.59
32 84 23 00-0381	EA	1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type I..... Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	42.01	20.49
32 84 23 00-0382	EA	3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type I..... Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	55.80	27.19
32 84 23 00-0383	EA	1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type I..... Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	69.14	33.34
32 84 23 00-0384	EA	1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II..... Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	45.36	20.49
32 84 23 00-0385	EA	3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II..... Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	59.95	27.19
32 84 23 00-0386	EA	1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II..... Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	73.31	33.34
32 84 23 00-0387	EA	1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type III..... Note: Consists of two street 90 degree elbows.	25.64	12.55
32 84 23 00-0388	EA	3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type III..... Note: Consists of two street 90 degree elbows.	34.24	16.74
32 84 23 00-0389	EA	1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type III..... Note: Consists of two street 90 degree elbows.	42.88	20.75
32 84 23 00-0390		Irrigation Control Wire (32 84 23) Note: Excludes excavation and backfill.		
32 84 23 00-0391		18 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0390)		
32 84 23 00-0392	CLF	1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	33.56	11.67
32 84 23 00-0393	CLF	2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	43.14	13.61
32 84 23 00-0394	CLF	3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	49.58	15.56
32 84 23 00-0395	CLF	4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	56.60	17.50
32 84 23 00-0396	CLF	5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	64.17	19.46
32 84 23 00-0397	CLF	6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	75.74	21.40
32 84 23 00-0398	CLF	7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	86.86	23.34
32 84 23 00-0399	CLF	8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	94.34	25.29
32 84 23 00-0400	CLF	9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	103.31	27.23
32 84 23 00-0401	CLF	10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	113.47	29.17
32 84 23 00-0402	CLF	11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	117.91	31.12
32 84 23 00-0403	CLF	12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	122.93	33.07
32 84 23 00-0404	CLF	13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	129.78	35.01
32 84 23 00-0405		16 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0390)		
32 84 23 00-0406	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench.....	35.07	11.67
32 84 23 00-0407		14 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0390)		
32 84 23 00-0408	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench.....	35.08	11.67
32 84 23 00-0409		12 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0390)		
32 84 23 00-0410	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench.....	45.07	11.67
32 84 23 00-0411		10 AWG, Irrigation Control Wire, Buried In Trench (32 84 23 00-0390)		
32 84 23 00-0412	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench.....	57.72	11.67
32 84 23 00-0413		Root Watering Systems (32 84 23) Note: Includes swing assembly.		
32 84 23 00-0414	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-1401)..... For Root Watering Sand Sock, Add 0.77	60.59	15.56
32 84 23 00-0415	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1401)..... For Root Watering Sand Sock, Add 0.77	64.68	15.56
32 84 23 00-0416	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-1402)..... For Root Watering Sand Sock, Add 0.77	60.59	15.56
32 84 23 00-0417	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1402)..... For Root Watering Sand Sock, Add 0.77	64.68	15.56
32 84 23 00-0418	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-B-C-1404)..... For Root Watering Sand Sock, Add 0.77	64.68	15.56
32 84 23 00-0419	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-1401)..... For Root Watering Sand Sock, Add 0.77	52.65	13.61
32 84 23 00-0420	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-C-1401)..... For Root Watering Sand Sock, Add 0.77	56.57	13.61
32 84 23 00-0421	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-1402)..... For Root Watering Sand Sock, Add 0.77	52.65	13.61
32 84 23 00-0422	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-M-B-C-1402)..... For Root Watering Sand Sock, Add 0.77	56.57	13.61
32 84 23 00-0423	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-S-B-1401)..... For Root Watering Sand Sock, Add 0.77	36.86	11.67

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

32 84 23 00-0424	EA		0.25 GPM Bubblers And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rainbird RWS-S-B-C-1401).....	40.60	11.67
			For Root Watering Sand Sock, Add	0.77	

32 90 Planting⁽³²⁾

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

32 91 Planting Preparation^(32 90)

32 91 13 Soil Preparation^(32 91)

32 91 13 16 Mulching^(32 91 13)

32 91 13 16-0001

Mulch^(32 91 13 16)

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles.

32 91 13 16-0002	CY	Pea Gravel Mulch	75.97		
		For >5 To 20, Deduct	-6.46		
		For >20 To 50, Deduct	-9.11		
		For >50, Deduct	-14.42		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0003	CY	Stone/Gravel Mulch, Marble Chips	172.13		
		For >5 To 20, Deduct	-11.26		
		For >20 To 50, Deduct	-13.92		
		For >50, Deduct	-19.23		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite Chips	99.14		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	78.13		
		For >5 To 20, Deduct	-6.56		
		For >20 To 50, Deduct	-9.22		
		For >50, Deduct	-14.53		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0006	CY	Hardwood Bark Nugget Mulch	77.13		
		For >5 To 20, Deduct	-6.51		
		For >20 To 50, Deduct	-9.17		
		For >50, Deduct	-14.48		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0007	CY	Pine Wood Chip Mulch	75.13		
		For >5 To 20, Deduct	-6.41		
		For >20 To 50, Deduct	-9.07		
		For >50, Deduct	-14.38		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0008	CY	Hardwood Chip Mulch	81.13		
		For >5 To 20, Deduct	-6.71		
		For >20 To 50, Deduct	-9.37		
		For >50, Deduct	-14.68		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0009	CY	Shredded Hardwood Mulch	79.13		
		For >5 To 20, Deduct	-6.61		
		For >20 To 50, Deduct	-9.27		
		For >50, Deduct	-14.58		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0010	CY	Shredded Pine Mulch	70.13		
		For >5 To 20, Deduct	-6.16		
		For >20 To 50, Deduct	-8.82		
		For >50, Deduct	-14.13		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0011	CY	Shredded Cedar Mulch	89.63		
		For >5 To 20, Deduct	-7.14		
		For >20 To 50, Deduct	-9.79		
		For >50, Deduct	-15.11		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0012	CY	Shredded Cypress Mulch	88.13		
		For >5 To 20, Deduct	-7.06		
		For >20 To 50, Deduct	-9.72		
		For >50, Deduct	-15.03		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0013	CY	Shredded Redwood Mulch	92.13		
		For >5 To 20, Deduct	-7.26		
		For >20 To 50, Deduct	-9.92		
		For >50, Deduct	-15.23		
		For Work On Slopes >2.5:1, Add	10.63		
32 91 13 16-0014	CY	Chunk Recycled Tire Mulch	138.09		
		For >5 To 20, Deduct	-10.31		
		For >20 To 50, Deduct	-13.71		
		For >50, Deduct	-20.52		
		For Work On Slopes >2.5:1, Add	13.62		
32 91 13 16-0015	CY	Chunk Colored Recycled Tire Mulch	207.09		
		For >5 To 20, Deduct	-13.76		
		For >20 To 50, Deduct	-17.16		
		For >50, Deduct	-23.97		
		For Work On Slopes >2.5:1, Add	13.62		
32 91 13 16-0016	CY	Shredded Recycled Tire Mulch	208.09		
		For >5 To 20, Deduct	-13.81		
		For >20 To 50, Deduct	-17.21		
		For >50, Deduct	-24.02		
		For Work On Slopes >2.5:1, Add	13.62		

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 91 13 16-0017	CY	Shredded Colored Recycled Tire Mulch	346.09
		<i>For >5 To 20, Deduct</i>	-20.71
		<i>For >20 To 50, Deduct</i>	-24.11
		<i>For >50, Deduct</i>	-30.92
		<i>For Work On Slopes >2.5:1, Add</i>	13.62
32 91 13 16-0018	EA	Pine Straw Mulch Bale.....	6.56
		Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.	
		<i>For >100 To 250, Deduct</i>	-0.48
		<i>For >250 To 500, Deduct</i>	-0.64
		<i>For >500, Deduct</i>	-0.81
		<i>For Work On Slopes >2.5:1, Add</i>	0.61
32 91 13 16-0019	EA	Wheat Straw Mulch Bale.....	6.42
		Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	
		<i>For >100 To 250, Deduct</i>	-0.44
		<i>For >250 To 500, Deduct</i>	-0.55
		<i>For >500, Deduct</i>	-0.76
		<i>For Work On Slopes >2.5:1, Add</i>	0.46

32 91 13 26 Planting Beds (32 91 13)

Note: Not for use when installing trees and shrubs.

32 91 13 26-0001 Plant Bed Preparation (32 91 13 26)

Note: Not for use when installing trees and shrubs.

32 91 13 26-0002	SF	Prepare And Mix Plant Bed, Up To 8" Deep By Machine.....	0.83
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	0.17
32 91 13 26-0003	SF	Prepare And Mix Plant Bed, 9" To 13" Deep By Machine.....	0.95
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	0.19
32 91 13 26-0004	SF	Prepare And Mix Plant Bed, 14" To 18" Deep By Machine.....	1.12
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	0.22
32 91 13 26-0005	SF	Prepare And Mix Plant Bed By Hand, Up To 8" Deep.....	4.05
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	0.81
32 91 13 26-0006	SF	Prepare And Mix Plant Bed By Hand, 9" To 13" Deep.....	4.65
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	0.93
32 91 13 26-0007	SF	Prepare And Mix Plant Bed By Hand, 14" To 18" Deep.....	5.48
		Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	
		<i>For Work On Slopes >2.5:1, Add</i>	1.10

32 91 13 26-0008 Planting Pit Preparation (32 91 13 26)

Note: Not for use when installing trees and shrubs.

32 91 13 26-0009	CY	Excavate Planting Pit By Hand, Sandy Soil	70.10
		Note: For use with existing planting pits.	
		<i>For Work On Slopes >2.5:1, Add</i>	14.02
32 91 13 26-0010	CY	Excavate Planting Pit By Hand, Heavy Soil	140.20
		Note: For use with existing planting pits.	
		<i>For Work On Slopes >2.5:1, Add</i>	28.04
32 91 13 26-0011	CY	Excavate Planting Pit By Machine, Sandy Soil	9.56
		Note: For use with existing planting pits.	
		<i>For Work On Slopes >2.5:1, Add</i>	1.91
32 91 13 26-0012	CY	Excavate Planting Pit By Machine, Heavy Soil	12.43
		Note: For use with existing planting pits.	
		<i>For Work On Slopes >2.5:1, Add</i>	2.49
32 91 13 26-0013	CY	Backfill Planting Pit By Hand With Topsoil From Stockpile	62.29
		<i>For Work On Slopes >2.5:1, Add</i>	12.46
32 91 13 26-0014	CY	Backfill Planting Pit By Hand With Contractor Furnished Planting Mix.....	69.19
		<i>For Work On Slopes >2.5:1, Add</i>	9.35
32 91 13 26-0015	CY	Backfill Planting Pit By Machine, With Topsoil From Stockpile	5.61
		<i>For Work On Slopes >2.5:1, Add</i>	1.12
32 91 13 26-0016	CY	Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix.....	27.09
		<i>For Work On Slopes >2.5:1, Add</i>	0.93

32 91 13 26-0017 Weed Barrier (32 91 13 26)

32 91 13 26-0018	SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	1.39
		<i>For Work On Slopes >2.5:1, Add</i>	0.11
32 91 13 26-0019	SY	4 Oz/SY Woven, Polypropylene Weed Barrier.....	1.82
		<i>For Work On Slopes >2.5:1, Add</i>	0.11
32 91 13 26-0020	SY	5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	2.01
		<i>For Work On Slopes >2.5:1, Add</i>	0.11

32 91 13 33 Soil Conditioners (32 91 13)**32 91 13 33-0001 Spread Soil Conditioners** (32 91 13 33)

32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader.....	0.41
32 91 13 33-0003	MSF	Aluminum Sulfate 1 LB/SY, Tractor Spreader.....	39.58
32 91 13 33-0004	SY	Fertilizer, 0.2 LB/SY, Push Spreader	0.05

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

32 91 13 33-0005	MSF		Fertilizer, 0.2 LB/SY, Tractor Spread.....	7.56	
32 91 13 33-0006	MSF		Fertilizer, 18.36 LB/MSF, Truck Spread.....	3.64	
32 91 13 33-0007	SY		Pelletized Lime, 1 LB/SY, Push Spreader.....	0.09	
32 91 13 33-0008	MSF		Pelletized Lime, 1 LB/SY, Tractor Spreader.....	7.15	
32 91 13 33-0009	SY		Lusoi, 3 LB/SY, Push Spreader.....	0.67	
32 91 13 33-0010	MSF		Lusoi, 3 LB/SY, Tractor Spreader.....	69.37	
32 91 13 33-0011	SY		Manure, 18 LB/SY, Push Spreader.....	2.34	
32 91 13 33-0012	MSF		Manure, 18 LB/SY, Tractor Spreader.....	255.14	
32 91 13 33-0013	SY		Perlite, 1" Deep, Push Spreader.....	3.63	
32 91 13 33-0014	MSF		Perlite, 1" Deep, Tractor Spreader.....	377.82	
32 91 13 33-0015	SY		Vermiculite, Push Spreader.....	3.37	
32 91 13 33-0016	MSF		Vermiculite, Tractor Spreader.....	369.06	

32 91 13 36 Lawn Bed Preparation (32 91 13)
32 91 13 36-0001 Lawn Bed Preparation (32 91 13 36)

32 91 13 36-0002	MSF		Rake Topsoil With Machine.....	61.46	
32 91 13 36-0003	MSF		Rake Topsoil By Hand.....	56.07	
32 91 13 36-0004	MSF		Screen Loam With Machine.....	78.82	
32 91 13 36-0005	MSF		Screen Loam By Hand.....	37.38	
32 91 13 36-0006	SY		Roll Topsoil With Machine.....	0.77	
32 91 13 36-0007	SY		Roll Topsoil By Hand.....	2.51	
32 91 13 36-0008	MSF		Remove Rocks And Debris With Machine.....	7.27	
32 91 13 36-0009	MSF		Remove Rocks And Debris By Hand.....	23.65	
32 91 13 36-0010	MSF		Root Raking And Loading, No Boulders.....	38.03	
			<i>For >45 to 225, Deduct</i>	-26.62	
			<i>For >225, Deduct</i>	-34.23	
32 91 13 36-0011	MSF		Root Raking And Loading, With Boulders.....	63.39	
			<i>For >45 to 225, Deduct</i>	-44.37	
			<i>For >225, Deduct</i>	-57.05	
32 91 13 36-0012	MSF		Up To 6" Deep Tilling Topsoil With Tractor.....	3.31	
32 91 13 36-0013	MSF		>6" To 12" Deep Tilling Topsoil With Tractor.....	6.71	
			<i>For Work On Slopes >2.5:1, Add</i>	1.34	
32 91 13 36-0014	SY		Up To 2" Deep Tilling Topsoil With Rototiller.....	0.59	
32 91 13 36-0015	SY		>2" To 4" Deep Tilling Topsoil With Rototiller.....	0.72	
32 91 13 36-0016	SY		>4" To 6" Deep Tilling Topsoil With Rototiller.....	0.89	
32 91 13 36-0017	LF		"V" Cut Soil For Edge Of Planting Beds.....	0.99	

32 91 13 36-0018 Sod Removal (32 91 13 36)

32 91 13 36-0019	SY		Remove Sod By Hand.....	4.72	
			<i>For Work On Slopes >2.5:1, Add</i>	0.94	
32 91 13 36-0020	SY		Remove Sod With Machine.....	0.44	
			<i>For Work On Slopes >2.5:1, Add</i>	0.09	
32 91 13 36-0021	SY		Pile Sod By Hand.....	2.81	
			<i>For Work On Slopes >2.5:1, Add</i>	0.56	
32 91 13 36-0022	SY		Pile Sod With Machine.....	0.84	
			<i>For Work On Slopes >2.5:1, Add</i>	0.17	

32 91 19 Landscape Grading (32 91)
32 91 19 13 Topsoil Placement And Grading (32 91 19)
32 91 19 13-0001 Remove And Stockpile Topsoil On Site (32 91 19 13)

32 91 19 13-0002	CY		Remove Topsoil, 4" Deep Stockpile On Site.....	3.29	
32 91 19 13-0003	CY		Remove Topsoil, 6" Deep Stockpile On Site.....	3.26	

32 91 19 13-0004 Screening Topsoil (32 91 19 13)

32 91 19 13-0005	CY		Screen Topsoil With Vibrating Screen, Wet Material (Organic).....	7.58	
32 91 19 13-0006	CY		Screen Topsoil With Vibrating Screen, Dry Material.....	5.05	
32 91 19 13-0007	CY		Screen Topsoil With Vibrating Screen And Mix With Conditioners.....	2.04	

32 91 19 13-0008 Spreading Topsoil From Stockpile (32 91 19 13)

32 91 19 13-0009	CY		Spread Topsoil By Machine From Stockpile.....	5.66	
32 91 19 13-0010	CY		Spread Topsoil By Hand From Stockpile.....	53.50	

32 91 19 13-0011 Furnish And Place Imported Screened Topsoil (32 91 19 13)

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0038 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.

32 91 19 13-0012	SY		Furnish And Place Imported Screened Topsoil, 2" Deep.....	2.21	
			<i>For Unscreened, Deduct</i>	-0.24	
32 91 19 13-0013	SY		Furnish And Place Imported Screened Topsoil, 4" Deep.....	4.21	
			<i>For Unscreened, Deduct</i>	-0.47	
32 91 19 13-0014	SY		Furnish And Place Imported Screened Topsoil, 6" Deep.....	6.03	
			<i>For Unscreened, Deduct</i>	-0.71	
32 91 19 13-0015	SY		Furnish And Place Imported Screened Topsoil, 9" Deep.....	8.63	
			<i>For Unscreened, Deduct</i>	-1.06	
32 91 19 13-0016	SY		Furnish And Place Imported Screened Topsoil, 12" Deep.....	11.23	
			<i>For Unscreened, Deduct</i>	-1.41	
32 91 19 13-0017	CY		Furnish And Place Imported Screened Topsoil, Over 12" Deep.....	30.31	
			<i>For Unscreened, Deduct</i>	-4.23	

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 91 19 16 Scarify Subsoil (32 91 19)

32 91 19 16-0001	Scarify Subsoil For Planting Preparation (32 91 19 16)	
	Note: Ripped in multiple directions with 3" maximum clods.	
32 91 19 16-0002	MSF Up To 5,000 SF Scarify Up To 8" Subsoil With Machine	44.72
32 91 19 16-0003	MSF >5,000 To 20,000 SF Scarify Up To 8" Subsoil With Machine	31.29
32 91 19 16-0004	MSF >20,000 SF Scarify Up To 8" Subsoil With Machine With Scarifier	18.32

32 92 Turf And Grasses (32 92)**32 92 16 Plugging (32 92)**

32 92 16 00-0001	Bermuda Or Centipede Plugging, 1" Deep (32 92 16)	
	Note: Includes fine grade and soil preparation.	
32 92 16 00-0002	6" On Center Plugging (32 92 16 00-0001)	
32 92 16 00-0003	MSF Plugging By Hand, 6" On Center	188.42
32 92 16 00-0004	MSF Plugging By Walk Behind Planter, 6" On Center	32.31
32 92 16 00-0005	MSF Plugging By Towed Planter, 6" On Center	25.96
32 92 16 00-0006	9" On Center Plugging (32 92 16 00-0001)	
32 92 16 00-0007	MSF Plugging By Hand, 9" On Center	144.34
32 92 16 00-0008	MSF Plugging By Walk Behind Planter, 9" On Center	24.97
32 92 16 00-0009	MSF Plugging By Towed Planter, 9" On Center	19.37
32 92 16 00-0010	12" On Center Plugging (32 92 16 00-0001)	
32 92 16 00-0011	MSF Plugging By Hand, 12" On Center	120.27
32 92 16 00-0012	MSF Plugging By Walk Behind Planter, 12" On Center	16.58
32 92 16 00-0013	MSF Plugging By Towed Planter, 12" On Center	12.27

32 92 19 Seeding (32 92)**32 92 19 13 Mechanical Seeding (32 92 19)**

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001	Tractor Spreader Mechanical Seeding (32 92 19 13)	
	Note: Excludes straw.	
32 92 19 13-0002	MSF Common Bluegrass, Tractor Spreader	28.05
	Note: 4 LB/MSF spread rate.	
32 92 19 13-0003	MSF Tall Fescue, Tractor Spreader	22.54
	Note: 5.5 LB/MSF spread rate.	
32 92 19 13-0004	MSF Rye, Tractor Spreader	22.93
	Note: 10 LB/MSF spread rate.	
32 92 19 13-0005	MSF Shade Mix, Tractor Spreader	24.92
	Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	
32 92 19 13-0006	MSF Turf Mix, Tractor Spreader	26.34
	Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	
32 92 19 13-0007	MSF Slope Mix, Tractor Spreader	24.44
	Note: 6 LB/MSF spread rate.	
32 92 19 13-0008	MSF Utility Mix, Tractor Spreader	22.07
	Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	
32 92 19 13-0009	MSF Wild Flower Mix, Tractor Spreader	17.60
	Note: 0.10 LB/MSF spread rate.	
32 92 19 13-0010	MSF Crown Vetch Mix, Tractor Spreader	52.94
	Note: 4 LB/MSF spread rate.	
32 92 19 13-0011	MSF Athletic Mix, Tractor Spreader	32.04
	Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	
32 92 19 13-0012	MSF White Clover Mix, Tractor Spreader	17.55
	Note: 7 LB/MSF spread rate.	
32 92 19 13-0013	MSF Ladino Clover Mix, Tractor Spreader	19.45
	Note: 7 LB/MSF spread rate.	
32 92 19 13-0014	Hydro Or Air Mechanical Seeding (32 92 19 13)	
32 92 19 13-0015	MSF Common Bluegrass, Hydro Or Air Seeding	59.40
	Note: 4 LB/MSF spread rate.	
	For Spot Areas Up To 1 MSF, Add	65.07
	For >1 To 4 MSF, Add	41.92
	For >4 To 7.5 MSF, Add	28.47
	For >7.5 To 10 MSF, Add	14.24
	For >45, Deduct	-4.85
32 92 19 13-0016	MSF Tall Fescue, Hydro Or Air Seeding	62.73
	Note: 5.5 LB/MSF spread rate.	
	For Spot Areas Up To 1 MSF, Add	66.40
	For >1 To 4 MSF, Add	42.59
	For >4 To 7.5 MSF, Add	28.80
	For >7.5 To 10 MSF, Add	14.40
	For >45, Deduct	-5.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0017			MSF Rye, Hydro Or Air Spread.....59.54 Note: 10 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 65.12 For >1 To 4 MSF, Add 41.95 For >4 To 7.5 MSF, Add 28.48 For >7.5 To 10 MSF, Add 14.24 For >45, Deduct -4.85		
32 92 19 13-0018			MSF Shade Mix, Hydro Or Air Seeding.....59.40 Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass. For Spot Areas Up To 1 MSF, Add 65.07 For >1 To 4 MSF, Add 41.92 For >4 To 7.5 MSF, Add 28.47 For >7.5 To 10 MSF, Add 14.24 For >45, Deduct -4.85		
32 92 19 13-0019			MSF Turf Mix, Hydro Or Air Seeding.....62.73 Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass. For Spot Areas Up To 1 MSF, Add 66.40 For >1 To 4 MSF, Add 42.59 For >4 To 7.5 MSF, Add 28.80 For >7.5 To 10 MSF, Add 14.40 For >45, Deduct -5.01		
32 92 19 13-0020			MSF Slope Mix, Hydro Or Air Seeding.....61.30 Note: 6 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 65.83 For >1 To 4 MSF, Add 42.30 For >4 To 7.5 MSF, Add 28.66 For >7.5 To 10 MSF, Add 14.33 For >45, Deduct -4.94		
32 92 19 13-0021			MSF Utility Mix, Hydro Or Air Seeding.....60.15 Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass. For Spot Areas Up To 1 MSF, Add 65.37 For >1 To 4 MSF, Add 42.07 For >4 To 7.5 MSF, Add 28.55 For >7.5 To 10 MSF, Add 14.27 For >45, Deduct -4.89		
32 92 19 13-0022			MSF Wild Flower Mix, Hydro Or Air Seeding.....56.45 Note: 0.10 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 63.89 For >1 To 4 MSF, Add 41.33 For >4 To 7.5 MSF, Add 28.18 For >7.5 To 10 MSF, Add 14.09 For >45, Deduct -4.70		
32 92 19 13-0023			MSF Crown Vetch Mix, Hydro Or Air Seeding.....89.80 Note: 4 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 77.23 For >1 To 4 MSF, Add 48.00 For >4 To 7.5 MSF, Add 31.51 For >7.5 To 10 MSF, Add 15.76 For >45, Deduct -6.37		
32 92 19 13-0024			MSF Athletic Mix, Hydro Or Air Seeding.....79.36 Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass. For Spot Areas Up To 1 MSF, Add 73.05 For >1 To 4 MSF, Add 45.91 For >4 To 7.5 MSF, Add 30.47 For >7.5 To 10 MSF, Add 15.23 For >45, Deduct -5.85		
32 92 19 13-0025			MSF White Clover Mix, Hydro Or Air Seeding.....51.94 Note: 7 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 62.08 For >1 To 4 MSF, Add 40.43 For >4 To 7.5 MSF, Add 27.72 For >7.5 To 10 MSF, Add 13.86 For >45, Deduct -4.47		
32 92 19 13-0026			MSF Ladino Clover Mix, Hydro Or Air Seeding.....57.50 Note: 7 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 64.31 For >1 To 4 MSF, Add 41.54 For >4 To 7.5 MSF, Add 28.28 For >7.5 To 10 MSF, Add 14.14 For >45, Deduct -4.75		
32 92 19 13-0027			MSF 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread.....60.35 Note: 4 LB/MSF spread rate. For Spot Areas Up To 1 MSF, Add 65.45 For >1 To 4 MSF, Add 42.11 For >4 To 7.5 MSF, Add 28.57 For >7.5 To 10 MSF, Add 14.28 For >45, Deduct -4.90		
32 92 19 13-0028			MSF 2,500 LB/Acre, High Performance - Flexible Growth Medium.....68.57 Note: Applied with seed. For >45, Deduct -4.37		
32 92 19 13-0029			MSF 3,000 LB/Acre, High Performance - Flexible Growth Medium.....79.46 Note: Applied with seed. For >45, Deduct -4.96		
32 92 19 13-0030			MSF 3,500 LB/Acre, High Performance - Flexible Growth Medium.....90.42 Note: Applied with seed. For >45, Deduct -5.56		
32 92 19 13-0031			MSF 4,000 LB/Acre, High Performance - Flexible Growth Medium.....101.40 Note: Applied with seed. For >45, Deduct -6.16		

32 Exterior Improvements**32 90 Planting****32 92 Turf And Grasses**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 MINOR
 CSI UOM DESCRIPTION

 32 92 19 13-0032 MSF 4,500 LB/Acre, High Performance - Flexible Growth Medium.....112.44
 Note: Applied with seed.
 For >45, Deduct -6.76
32 92 19 19 Seeding By Hand (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering. Excludes straw.

32 92 19 19-0001 Push Spreader Or Hand Seeding (32 92 19 19)

Note: Excludes straw.

32 92 19 19-0002	MSF Common Bluegrass, Push Spreader Or Hand.....	83.20
	Note: 4 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.91
	For >20 To 45, Deduct	-11.50
	For >45, Deduct	-18.83
32 92 19 19-0003	MSF Tall Fescue, Push Spreader Or Hand.....	77.69
	Note: 5.5 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.64
	For >20 To 45, Deduct	-11.08
	For >45, Deduct	-18.28
32 92 19 19-0004	MSF Rye, Push Spreader Or Hand.....	78.08
	Note: 10 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.66
	For >20 To 45, Deduct	-11.11
	For >45, Deduct	-18.32
32 92 19 19-0005	MSF Shade Mix, Push Spreader Or Hand.....	80.07
	Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	
	For > 5 To 20, Deduct	-5.76
	For >20 To 45, Deduct	-11.26
	For >45, Deduct	-18.52
32 92 19 19-0006	MSF Turf Mix, Push Spreader Or Hand.....	81.49
	Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	
	For > 5 To 20, Deduct	-5.83
	For >20 To 45, Deduct	-11.37
	For >45, Deduct	-18.66
32 92 19 19-0007	MSF Slope Mix, Push Spreader Or Hand.....	79.59
	Note: 6 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.73
	For >20 To 45, Deduct	-11.23
	For >45, Deduct	-18.47
32 92 19 19-0008	MSF Utility Mix, Push Spreader Or Hand.....	77.22
	Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	
	For > 5 To 20, Deduct	-5.61
	For >20 To 45, Deduct	-11.05
	For >45, Deduct	-18.24
32 92 19 19-0009	MSF Wild Flower Mix, Push Spreader Or Hand.....	72.75
	Note: 0.10 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.39
	For >20 To 45, Deduct	-10.71
	For >45, Deduct	-17.79
32 92 19 19-0010	MSF Crown Vetch Mix, Push Spreader Or Hand.....	108.09
	Note: 4 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-7.16
	For >20 To 45, Deduct	-13.36
	For >45, Deduct	-21.32
32 92 19 19-0011	MSF Athletic Mix, Push Spreader Or Hand.....	87.19
	Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	
	For > 5 To 20, Deduct	-6.11
	For >20 To 45, Deduct	-11.80
	For >45, Deduct	-19.23
32 92 19 19-0012	MSF White Clover Mix, Push Spreader Or Hand.....	72.70
	Note: 7 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.39
	For >20 To 45, Deduct	-10.71
	For >45, Deduct	-17.78
32 92 19 19-0013	MSF Ladino Clover Mix, Push Spreader Or Hand.....	74.60
	Note: 7 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.48
	For >20 To 45, Deduct	-10.85
	For >45, Deduct	-17.97
32 92 19 19-0014	MSF 100% Kentucky Bluegrass, Push Spreader Or Hand.....	84.10
	Note: 3.3 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.96
	For >20 To 45, Deduct	-11.56
	For >45, Deduct	-18.92
32 92 19 19-0015	MSF 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand.....	81.49
	Note: 3.3 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.83
	For >20 To 45, Deduct	-11.37
	For >45, Deduct	-18.66
32 92 19 19-0016	MSF 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand.....	79.59
	Note: 3.3 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.73
	For >20 To 45, Deduct	-11.23
	For >45, Deduct	-18.47
32 92 19 19-0017	MSF 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand.....	83.39
	Note: 4.4 LB/MSF spread rate.	
	For > 5 To 20, Deduct	-5.92
	For >20 To 45, Deduct	-11.51
	For >45, Deduct	-18.85

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

32 92 19 19-0018	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand.....	80.54	
			Note: 3.3 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-5.78	
			For >20 To 45, Deduct	-11.30	
			For >45, Deduct	-18.57	
32 92 19 19-0019	MSF		40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand.....	81.49	
			Note: 3.3 LB/MSF spread rate.		
			For > 5 To 20, Deduct	-5.83	
			For >20 To 45, Deduct	-11.37	
			For >45, Deduct	-18.66	

32 92 23 Sodding (32 92)

Note: Includes raking preparation, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering.

32 92 23 00-0001 Tall Fescue Sod (32 92 23)

32 92 23 00-0002	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground.....	973.84	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground.....	939.60	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	866.24	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0005	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	836.89	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0006	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	1,247.72	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	1,173.02	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	1,027.28	
		For Hybrid Fescue "Marathon", Add	42.61	
32 92 23 00-0009	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped Ground.....	973.84	
		For Hybrid Fescue "Marathon", Add	42.61	

32 93 Plants (32 90)
32 93 13 Ground Covers (32 93)

Note: Materials only.

32 93 13 00-0001 Ornamental Grasses (32 93 13)

32 93 13 00-0002	EA	1 Gallon Cortaderia selloana - Pampas Grass.....	7.04	
32 93 13 00-0003	EA	2 Gallon Cortaderia selloana - Pampas Grass.....	8.58	
32 93 13 00-0004	EA	3 Gallon Cortaderia selloana - Pampas Grass.....	10.12	
32 93 13 00-0005	EA	10 Gallon Cortaderia selloana - Pampas Grass.....	38.87	
32 93 13 00-0006	EA	1 Quart Imperata cylindrica - Japanese Blood Grass.....	4.33	
32 93 13 00-0007	EA	1 Gallon Imperata cylindrica - Japanese Blood Grass.....	6.23	
32 93 13 00-0008	EA	2 Gallon Imperata cylindrica - Japanese Blood Grass.....	8.58	
32 93 13 00-0009	EA	1 Quart Koeleria glauca - Blue Hair Grass.....	3.08	
32 93 13 00-0010	EA	1 Gallon Koeleria glauca - Blue Hair Grass.....	5.50	
32 93 13 00-0011	EA	3 Gallon Koeleria glauca - Blue Hair Grass.....	10.12	
32 93 13 00-0012	EA	1 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	8.58	
32 93 13 00-0013	EA	3 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	14.81	
32 93 13 00-0014	EA	5 Gallon Miscanthus sinensis 'Gracillimus' - Maiden Grass.....	19.51	
32 93 13 00-0015	EA	1 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	8.58	
32 93 13 00-0016	EA	3 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	14.81	
32 93 13 00-0017	EA	5 Gallon Miscanthus sinensis 'Zebrinus' - Zebra Grass.....	19.51	
32 93 13 00-0018	EA	1 Quart Pennisetum setaceum - Fountain Grass.....	3.45	
32 93 13 00-0019	EA	1 Gallon Pennisetum setaceum - Fountain Grass.....	5.50	
32 93 13 00-0020	EA	3 Gallon Pennisetum setaceum - Fountain Grass.....	10.12	
32 93 13 00-0021	EA	1 Gallon Saccharum ravennae - Ravenna Grass.....	7.04	
32 93 13 00-0022	EA	3 Gallon Saccharum ravennae - Ravenna Grass.....	10.12	
32 93 13 00-0023	EA	7 Gallon Saccharum ravennae - Ravenna Grass.....	19.51	
32 93 13 00-0024	EA	1 Gallon Spartina pectinata - Variegated Cord Grass.....	6.23	
32 93 13 00-0025	EA	2 Gallon Spartina pectinata - Variegated Cord Grass.....	10.12	
32 93 13 00-0026	EA	1 Quart Stipa gigantea - Giant Feather Grass.....	7.77	
32 93 13 00-0027	EA	1 Gallon Stipa gigantea - Giant Feather Grass.....	11.73	

32 93 13 00-0028 Ground Covers (32 93 13)

32 93 13 00-0029	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag.....	5.50	
32 93 13 00-0030	EA	3" Pot Ajuga reptans - Carpet Bugle.....	1.32	
32 93 13 00-0031	EA	1 Quart Ajuga reptans - Carpet Bugle.....	2.20	
32 93 13 00-0032	EA	1 Gallon Ajuga reptans - Carpet Bugle.....	5.28	
32 93 13 00-0033	EA	24 Plant Flat Ajuga reptans - Carpet Bugle.....	22.73	
32 93 13 00-0034	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	18.33	
32 93 13 00-0035	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	33.59	
32 93 13 00-0036	EA	1 Quart Arundo donax - Giant Reed.....	7.04	
32 93 13 00-0037	EA	1 Gallon Arundo donax - Giant Reed.....	10.12	
32 93 13 00-0038	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush.....	2.20	
32 93 13 00-0039	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush.....	3.81	
32 93 13 00-0040	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea.....	7.69	
32 93 13 00-0041	EA	1 Gallon Campsis radicans - Trumpet Creeper.....	8.07	
32 93 13 00-0042	EA	2 Gallon Campsis radicans - Trumpet Creeper.....	12.17	
32 93 13 00-0043	EA	5 Gallon Campsis radicans - Trumpet Creeper.....	29.33	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0044	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge.....	7.77	
32 93 13 00-0045	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	10.12	
32 93 13 00-0046	EA	1 Quart Carex hachijoensis - Variegated Japanese Sedge	3.96	
32 93 13 00-0047	EA	1 Gallon Carex hachijoensis - Variegated Japanese Sedge	5.50	
32 93 13 00-0048	EA	2 Gallon Carex hachijoensis - Variegated Japanese Sedge	8.58	
32 93 13 00-0049	EA	1 Gallon Cissus antarctica - Kangaroo Vine	4.25	
32 93 13 00-0050	EA	5 Gallon Cissus antarctica - Kangaroo Vine	13.35	
32 93 13 00-0051	EA	1 Gallon Cistaceae - Winkleleaf Rock Rose	4.25	
32 93 13 00-0052	EA	5 Gallon Cistaceae - Winkleleaf Rock Rose	14.52	
32 93 13 00-0053	EA	1 Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	4.25	
32 93 13 00-0054	EA	5 Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	15.25	
32 93 13 00-0055	EA	1 Gallon Coprosma kirkii - Prostrate Coprosma.....	3.67	
32 93 13 00-0056	EA	5 Gallon Coprosma kirkii - Prostrate Coprosma.....	13.35	
32 93 13 00-0057	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	7.19	
32 93 13 00-0058	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	13.64	
32 93 13 00-0059	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	24.05	
32 93 13 00-0060	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	4.55	
32 93 13 00-0061	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	15.99	
32 93 13 00-0062	EA	1 Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper.....	5.24	
32 93 13 00-0063	EA	1 Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	13.57	
32 93 13 00-0064	EA	24 Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper	22.73	
32 93 13 00-0065	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	5.72	
32 93 13 00-0066	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper	11.44	
32 93 13 00-0067	EA	1 Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	3.08	
32 93 13 00-0068	EA	1 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	5.50	
32 93 13 00-0069	EA	2 Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue	8.58	
32 93 13 00-0070	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	4.55	
32 93 13 00-0071	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia	14.96	
32 93 13 00-0072	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine	5.28	
32 93 13 00-0073	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine	19.07	
32 93 13 00-0074	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass.....	7.77	
32 93 13 00-0075	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass	11.73	
32 93 13 00-0076	EA	1 Gallon Hardenbergia violacea - Happy Wanderer.....	5.28	
32 93 13 00-0077	EA	5 Gallon Hardenbergia violacea - Happy Wanderer.....	17.60	
32 93 13 00-0078	EA	2" To 3" Pot Hedera helix - English Ivy	1.32	
32 93 13 00-0079	EA	12" To 15" Runners Hedera helix - English Ivy	2.20	
32 93 13 00-0080	EA	1 Gallon Hedera helix - English Ivy.....	5.28	
32 93 13 00-0081	EA	50 Plant Flat Hedera helix - English Ivy	30.51	
32 93 13 00-0082	EA	3 Gallon Hibiscus, Assorted Colors.....	6.88	
32 93 13 00-0083	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea	9.53	
32 93 13 00-0084	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea	17.89	
32 93 13 00-0085	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea	29.33	
32 93 13 00-0086	EA	1 Gallon Hymenocallis latifolia - Spider Lily	3.41	
32 93 13 00-0087	EA	3 Gallon Hymenocallis latifolia - Spider Lily	9.10	
32 93 13 00-0088	EA	1 Quart Hypericum perforatum - St. John's Wort	2.20	
32 93 13 00-0089	EA	1 Gallon Hypericum perforatum - St. John's Wort.....	5.28	
32 93 13 00-0090	EA	5 Gallon Hypericum perforatum - St. John's Wort.....	13.64	
32 93 13 00-0091	EA	1 Quart Iberis sempervirens - Candytuft	2.20	
32 93 13 00-0092	EA	1 Gallon Iberis sempervirens - Candytuft.....	5.28	
32 93 13 00-0093	EA	1 Gallon Ilex cornuta - Dwarf Holly.....	3.98	
32 93 13 00-0094	EA	3 Gallon Ilex cornuta - Dwarf Holly.....	8.54	
32 93 13 00-0095	EA	1 Gallon Jasminum polyanthum - Winter Jasmine.....	5.28	
32 93 13 00-0096	EA	2 Gallon Jasminum polyanthum - Winter Jasmine.....	10.56	
32 93 13 00-0097	EA	5 Gallon Jasminum polyanthum - Winter Jasmine.....	18.33	
32 93 13 00-0098	EA	1 Gallon Jasminum volubile - Wax Jasmine	2.77	
32 93 13 00-0099	EA	1 Gallon Jasminum volubile - Wax Jasmine	6.88	
32 93 13 00-0100	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	3.45	
32 93 13 00-0101	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	7.69	
32 93 13 00-0102	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	12.81	
32 93 13 00-0103	EA	1 Gallon Juniperus horizontalis 'Wiltoni' - Blue Rug Juniper.....	5.97	
32 93 13 00-0104	EA	1 Gallon Juniperus Horizontalis - Prostrate Juniper.....	6.01	
32 93 13 00-0105	EA	3 Gallon Juniperus Horizontalis - Prostrate Juniper.....	12.91	
32 93 13 00-0106	EA	5 Gallon Juniperus Horizontalis - Prostrate Juniper.....	19.07	
32 93 13 00-0107	EA	1 Gallon Lantana spp. Various Colors	3.11	
32 93 13 00-0108	EA	4" Pot Lantana camera - Common Lantana.....	1.32	
32 93 13 00-0109	EA	1 Gallon Lantana camera - Common Lantana	3.81	
32 93 13 00-0110	EA	1 Gallon Lantana sellowiana - Trailing Lantana	2.05	
32 93 13 00-0111	EA	4" Pot Lavandula angustifolia - English Lavender.....	1.91	
32 93 13 00-0112	EA	1 Quart Lavandula angustifolia - English Lavender.....	3.67	
32 93 13 00-0113	EA	1 Gallon Lavandula angustifolia - English Lavender	6.01	
32 93 13 00-0114	EA	1 Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum	3.11	
32 93 13 00-0115	EA	1 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	3.93	
32 93 13 00-0116	EA	3 Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	6.28	
32 93 13 00-0117	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope	2.46	
32 93 13 00-0118	EA	1 Gallon Liriope muscari 'Variegata' - Variegated Lilytuft.....	6.01	
32 93 13 00-0119	EA	2 Quart Liriope spicata - Creeping Lilytuft.....	3.81	
32 93 13 00-0120	EA	1 Gallon Liriope spicata - Creeping Lilytuft	6.89	
32 93 13 00-0121	EA	5 Gallon Liriope spicata - Creeping Lilytuft	14.52	
32 93 13 00-0122	EA	Bare Root Liriope spicata - Creeping Liriope	0.96	
32 93 13 00-0123	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	6.01	
32 93 13 00-0124	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	11.44	
32 93 13 00-0125	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	1.32	
32 93 13 00-0126	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	6.01	
32 93 13 00-0127	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle	11.44	
32 93 13 00-0128	EA	2 Quart Lysimachia nummularia - Creeping Jenny	2.20	

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

32 93 13 00-0129	EA	1	Gallon Lysimachia nummularia - Creeping Jenny.....	4.25	
32 93 13 00-0130	EA	1	Gallon Macfadyena unguis-cati - Cat Claw Vine.....	5.28	
32 93 13 00-0131	EA	5	Gallon Macfadyena unguis-cati - Cat Claw Vine.....	22.88	
32 93 13 00-0132	EA	1	Quart Moss Phlox, Creeping Phlox.....	2.20	
32 93 13 00-0133	EA	1	Gallon Moss Phlox, Creeping Phlox.....	5.28	
32 93 13 00-0134	EA	1	Gallon Nephrolepis exaltata - Common Boston Fern.....	2.77	
32 93 13 00-0135	EA	1	Quart Nepeta mussinii - Persian Catmint.....	2.20	
32 93 13 00-0136	EA	1	Gallon Nepeta mussinii - Persian Catmint.....	4.55	
32 93 13 00-0137	EA	4"	Pot Ophiopogon Japonicus - Mondo grass.....	1.32	
32 93 13 00-0138	EA	1	Gallon Ophiopogon Japonicus - Mondo grass.....	5.28	
32 93 13 00-0139	EA	5	Gallon Ophiopogon Japonicus - Mondo grass.....	12.17	
32 93 13 00-0140	EA	2'	To 3' High Oregon Holly-Grape.....	6.09	
32 93 13 00-0141	EA	1	Gallon Pachysandra terminalis - Pachysandra.....	7.94	
32 93 13 00-0142	EA	4"	Pot Parthenocissus tricuspidata - Boston Ivy.....	3.67	
32 93 13 00-0143	EA	1	Gallon Parthenocissus tricuspidata - Boston Ivy.....	8.36	
32 93 13 00-0144	EA	5	Gallon Parthenocissus tricuspidata - Boston Ivy.....	22.88	
32 93 13 00-0145	EA	3"	Pot Parthenocissus quinquefolia - Virginia Creeper.....	1.32	
32 93 13 00-0146	EA	1	Gallon Parthenocissus quinquefolia - Virginia Creeper.....	6.89	
32 93 13 00-0147	EA	1	Gallon Ranunculaceae - Clematis Varieties.....	7.58	
32 93 13 00-0148	EA	2	Gallon Ranunculaceae - Clematis Varieties.....	14.02	
32 93 13 00-0149	EA	3	Gallon Rhamphiolepis umbellata 'Minor' - Dwarf Indian Hawthorn.....	8.54	
32 93 13 00-0150	EA	3"	Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	1.32	
32 93 13 00-0151	EA	1	Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	5.28	
32 93 13 00-0152	EA	2-1/4"	Pot Securigera varia - Crown Vetch.....	0.88	
32 93 13 00-0153	EA	50	Plant Flat Securigera varia - Crown Vetch.....	29.77	
32 93 13 00-0154	EA	1	Quart Senecio cineraria - Dusty Miller.....	2.20	
32 93 13 00-0155	EA	1	Gallon Senecio cineraria - Dusty Miller.....	5.28	
32 93 13 00-0156	EA	1	Quart Stachys byzantina - Lamb's Ear.....	2.20	
32 93 13 00-0157	EA	1	Quart Stachys byzantina - Lamb's Ear.....	5.28	
32 93 13 00-0158	EA	1	Gallon Tradescantia spathacea - Dwarf Oyster Plant.....	2.85	
32 93 13 00-0159	EA	1	Gallon Tradescantia spathacea - Rhoecol Discolor "Dwarf".....	2.77	
32 93 13 00-0160	EA	24"	To 30" High Viburnum awabuki - Sweet Viburnum.....	18.56	
32 93 13 00-0161	EA	2	Quart Verbena peruviana "St. Paul" - St. Paul Verbena.....	2.79	
32 93 13 00-0162	EA	1	Gallon Verbena peruviana "St. Paul" - St. Paul Verbena.....	4.25	
32 93 13 00-0163	EA	2-1/4"	Pot Vinca minor - Periwinkle.....	0.73	
32 93 13 00-0164	EA	4"	Pot Vinca minor - Periwinkle.....	2.20	
32 93 13 00-0165	EA		Bare Root Vinca minor - Periwinkle.....	0.73	
32 93 13 00-0166	EA	48	Plant Flat Vinca minor - Lesser Periwinkle.....	26.14	
32 93 13 00-0167	EA	2-1/4"	Pot Vinca major - Variegated Greater Periwinkle.....	0.73	
32 93 13 00-0168	EA	4"	Pot Vinca major - Variegated Greater Periwinkle.....	2.20	
32 93 13 00-0169	EA		Bare Root Vinca major - Variegated Greater Periwinkle.....	0.73	
32 93 13 00-0170	EA	1	Quart Waldsteinia ternata - Barren Strawberry.....	2.20	
32 93 13 00-0171	EA	1	Gallon Waldsteinia ternata - Barren Strawberry.....	5.28	
32 93 13 00-0172	EA	1	Gallon Wisteria sinensis - Chinese Wisteria Vine.....	6.89	
32 93 13 00-0173	EA	3	Gallon Wisteria sinensis - Chinese Wisteria Vine.....	15.25	
32 93 13 00-0174	EA	5	Gallon Wisteria sinensis - Chinese Wisteria Vine.....	22.88	
32 93 13 00-0175	EA		Flat Hedera canariensis - Algerian Ivy.....	12.50	
32 93 13 00-0176	EA	2-1/2"	Pot Hedera canariensis - Algerian Ivy.....	3.30	
32 93 13 00-0177	EA		Flat Gazania 'Copper King'.....	10.25	
32 93 13 00-0178	EA	1	Gallon Gazania 'Copper King'.....	3.50	
32 93 13 00-0179	EA		Flat Myoporum parvifolium - Myoporum.....	12.50	
32 93 13 00-0180	EA	1	Gallon Myoporum parvifolium - Myoporum.....	3.50	
32 93 13 00-0181	EA	5	Gallon Myoporum parvifolium - Myoporum.....	10.00	
32 93 13 00-0182	EA	1	Gallon Lantana montevidensis - Purple Lantana.....	3.50	
32 93 13 00-0183	EA	5	Gallon Lantana montevidensis - Purple Lantana.....	10.00	
32 93 13 00-0184	EA		Flat Carpobrotus - Ice Plant.....	9.50	
32 93 13 00-0185	EA	1	Gallon Carpobrotus - Ice Plant.....	4.00	

32 93 23 Plants And Bulbs (32 93)

Note: Materials only.

32 93 23 00-0001 Perennials (32 93 23)

32 93 23 00-0002	EA	2	Quart Assorted Daylilies.....	4.25	
32 93 23 00-0003	EA	1	Gallon Assorted Daylilies.....	6.01	
32 93 23 00-0004	EA	2	Gallon Assorted Daylilies.....	9.97	
32 93 23 00-0005	EA	1	Quart Azure Penstemon.....	2.20	
32 93 23 00-0006	EA	1	Gallon Azure Penstemon.....	5.50	
32 93 23 00-0007	EA	1	Quart Balloon Flower.....	2.20	
32 93 23 00-0008	EA	1	Gallon Balloon Flower.....	5.50	
32 93 23 00-0009	EA	1	Quart Black-eyed Susan.....	2.20	
32 93 23 00-0010	EA	1	Gallon Black-eyed Susan.....	5.50	
32 93 23 00-0011	EA	2	Gallon Black-eyed Susan.....	7.11	
32 93 23 00-0012	EA	1	Quart Blackberry Lily.....	2.20	
32 93 23 00-0013	EA	1	Gallon Blackberry Lily.....	5.50	
32 93 23 00-0014	EA	1	Quart Blank Flower.....	2.20	
32 93 23 00-0015	EA	1	Gallon Blank Flower.....	5.06	
32 93 23 00-0016	EA	2	Gallon Blank Flower.....	7.11	
32 93 23 00-0017	EA	1	Quart Blazing Star, Gayfeather.....	2.20	
32 93 23 00-0018	EA	1	Gallon Blazing Star, Gayfeather.....	5.50	
32 93 23 00-0019	EA	1	Quart Bloodred Geranium.....	3.74	
32 93 23 00-0020	EA	1	Gallon Bloodred Geranium.....	6.31	
32 93 23 00-0021	EA	1	Quart Blue Plumbago.....	2.20	
32 93 23 00-0022	EA	1	Gallon Blue Plumbago.....	5.50	
32 93 23 00-0023	EA	1	Quart Blue Star.....	3.96	
32 93 23 00-0024	EA	1	Gallon Blue Star.....	6.31	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0025	EA	1	Quart Cardinal Flower.....	2.20	
32 93 23 00-0026	EA	1	Gallon Cardinal Flower.....	5.50	
32 93 23 00-0027	EA	4"	Pot Columbine.....	1.32	
32 93 23 00-0028	EA	1	Quart Columbine.....	2.20	
32 93 23 00-0029	EA	1	Gallon Columbine.....	5.50	
32 93 23 00-0030	EA	1	Quart Common Globeflower.....	2.20	
32 93 23 00-0031	EA	1	Gallon Common Globeflower.....	5.50	
32 93 23 00-0032	EA	1	Quart Cottage Pink, Scotch Pink.....	2.20	
32 93 23 00-0033	EA	1	Quart Cottage Pink, Scotch Pink.....	5.50	
32 93 23 00-0034	EA	1	Gallon Astilbe 'Deutschland'.....	7.92	
32 93 23 00-0035	EA	1	Quart Diploid.....	2.79	
32 93 23 00-0036	EA	1	Gallon Diploid.....	6.31	
32 93 23 00-0037	EA	3	Gallon Diploid.....	10.85	
32 93 23 00-0038	EA	4"	Pot Dune Sunflower.....	3.14	
32 93 23 00-0039	EA	1	Quart Evans Begonia.....	3.96	
32 93 23 00-0040	EA	1	Gallon Evans Begonia.....	7.11	
32 93 23 00-0041	EA	1	Quart False Dragonhead.....	2.20	
32 93 23 00-0042	EA	1	Gallon False Dragonhead.....	5.50	
32 93 23 00-0043	EA	1	Quart False Spirea.....	2.20	
32 93 23 00-0044	EA	1	Gallon False Spirea.....	7.11	
32 93 23 00-0045	EA	3	Gallon False Spirea.....	9.83	
32 93 23 00-0046	EA	2	Quart False Sunflower.....	3.52	
32 93 23 00-0047	EA	1	Gallon False Sunflower.....	5.50	
32 93 23 00-0048	EA	2	Gallon False Sunflower.....	7.11	
32 93 23 00-0049	EA	1	Gallon Foxglove.....	5.06	
32 93 23 00-0050	EA	2	Gallon Foxglove.....	7.11	
32 93 23 00-0051	EA	3	Gallon Foxglove.....	10.27	
32 93 23 00-0052	EA	1	Gallon Francee Hostas.....	8.91	
32 93 23 00-0053	EA	1	Quart Garden Phlox.....	2.20	
32 93 23 00-0054	EA	1	Gallon Garden Phlox.....	5.50	
32 93 23 00-0055	EA	2	Quart Golden Groundsel.....	4.69	
32 93 23 00-0056	EA	2	Gallon Golden Groundsel.....	9.46	
32 93 23 00-0057	EA	1	Quart Golden Star.....	2.20	
32 93 23 00-0058	EA	1	Gallon Golden Star.....	5.50	
32 93 23 00-0059	EA	1	Quart Goldenrod.....	2.20	
32 93 23 00-0060	EA	1	Gallon Goldenrod.....	5.50	
32 93 23 00-0061	EA	1	Gallon Happy Returns Daylillies.....	10.24	
32 93 23 00-0062	EA	4"	Pot Hardy Aster, Michaelmas Daisy.....	1.32	
32 93 23 00-0063	EA	1	Quart Hardy Aster, Michaelmas Daisy.....	2.20	
32 93 23 00-0064	EA	1	Gallon Hardy Aster, Michaelmas Daisy.....	5.50	
32 93 23 00-0065	EA	1	Quart Hardy Chrysanthemum.....	1.91	
32 93 23 00-0066	EA	6" To 8"	Pot Hardy Chrysanthemum.....	3.15	
32 93 23 00-0067	EA	1	Gallon Hardy Chrysanthemum.....	5.06	
32 93 23 00-0068	EA	1	Gallon Herbaceous Peony.....	7.85	
32 93 23 00-0069	EA	2	Gallon Herbaceous Peony.....	12.54	
32 93 23 00-0070	EA	3	Gallon Herbaceous Peony.....	16.50	
32 93 23 00-0071	EA	4"	Pot Japanese Anemone.....	1.32	
32 93 23 00-0072	EA	1	Quart Japanese Anemone.....	3.96	
32 93 23 00-0073	EA	2	Gallon Japanese Anemone.....	7.11	
32 93 23 00-0074	EA	2"	Pot Japanese Spurge.....	0.78	
32 93 23 00-0075	EA	6"	Pot Japanese Spurge.....	1.17	
32 93 23 00-0076	EA	1	Gallon Japanese Spurge.....	5.05	
32 93 23 00-0077	EA	1	Quart Oriental Poppy.....	3.15	
32 93 23 00-0078	EA	1	Gallon Oriental Poppy.....	6.31	
32 93 23 00-0079	EA	48	Plant Flat Pachysandra terminalis.....	26.14	
32 93 23 00-0080	EA	1	Gallon Pacific Coast Iris.....	4.33	
32 93 23 00-0081	EA	3	Gallon Pacific Coast Iris.....	8.21	
32 93 23 00-0082	EA	1	Gallon Palace Purple Coral Bells.....	8.33	
32 93 23 00-0083	EA	4"	Pot Perennial Salvia.....	1.32	
32 93 23 00-0084	EA	1	Quart Perennial Salvia.....	2.20	
32 93 23 00-0085	EA	1	Gallon Perennial Salvia.....	5.50	
32 93 23 00-0086	EA	1	Quart Pincushion Flower.....	2.20	
32 93 23 00-0087	EA	1	Gallon Pincushion Flower.....	5.50	
32 93 23 00-0088	EA	2	Quart Plantain Lily.....	4.25	
32 93 23 00-0089	EA	1	Gallon Plantain Lily.....	6.01	
32 93 23 00-0090	EA	2	Gallon Plantain Lily.....	9.97	
32 93 23 00-0091	EA	3	Gallon Plantain Lily.....	18.85	
32 93 23 00-0092	EA	2	Quart Purple Coneflower.....	3.96	
32 93 23 00-0093	EA	1	Gallon Purple Coneflower.....	5.50	
32 93 23 00-0094	EA	2	Gallon Purple Coneflower.....	7.11	
32 93 23 00-0095	EA	1	Quart Purple Loosestrife.....	2.20	
32 93 23 00-0096	EA	1	Gallon Purple Loosestrife.....	5.50	
32 93 23 00-0097	EA	1	Quart Rose Mallow.....	4.33	
32 93 23 00-0098	EA	2	Gallon Rose Mallow.....	7.85	
32 93 23 00-0099	EA	3	Gallon Rose Mallow.....	13.42	
32 93 23 00-0100	EA	1	Gallon Autumn Joy Sedum.....	8.39	
32 93 23 00-0101	EA	1	Quart Siberian Iris.....	3.74	
32 93 23 00-0102	EA	2	Gallon Siberian Iris.....	7.11	
32 93 23 00-0103	EA	3	Gallon Siberian Iris.....	9.83	
32 93 23 00-0104	EA	1	Quart Speedwell.....	2.20	
32 93 23 00-0105	EA	1	Gallon Speedwell.....	5.50	
32 93 23 00-0106	EA	1	Quart Tetraploid.....	5.50	
32 93 23 00-0107	EA	1	Gallon Tetraploid.....	10.27	
32 93 23 00-0108	EA	3	Gallon Tetraploid.....	14.01	
32 93 23 00-0109	EA	1	Quart Threadleaf Coreopsis.....	2.20	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 23 00-0110	EA	1 Gallon Threadleaf Coreopsis	5.50
32 93 23 00-0111	EA	1 Quart Torch Lily	2.20
32 93 23 00-0112	EA	1 Quart Bluebeard	3.96
32 93 23 00-0113	EA	1 Gallon Bluebeard	5.87
32 93 23 00-0114	EA	2 Gallon Bluebeard	8.58

32 93 23 00-0115 Annuals (32 93 23)

32 93 23 00-0116	EA	2-1/2" Pot Annual Flowers	1.02
32 93 23 00-0117	EA	3" Pot Annual Flowers	1.38
32 93 23 00-0118	EA	4" Pot Annual Flowers	2.95
32 93 23 00-0119	EA	5-1/2" Pot Annual Flowers	3.92
32 93 23 00-0120	EA	6" Pot Annual Flowers	7.77
32 93 23 00-0121	EA	8" Pot Annual Flowers	12.95
32 93 23 00-0122	EA	36 Plant Flat Annual Flowers	16.96
32 93 23 00-0123	EA	48 Plant Flat Annual Flowers	19.23

32 93 23 00-0124 Bulbs (32 93 23)

32 93 23 00-0125	EA	Top Size Allium giganteum - Giant Ornamental Onion	3.55
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	0.20
32 93 23 00-0127	LOT	Lot Of 100 Top Size Crocus Hybrid	23.21
32 93 23 00-0128	LOT	Lot Of 100 Top Size Eranthis hyemalis - Winter Aconite	30.03
32 93 23 00-0129	LOT	Lot Of 100 Top Size Galanthus nivalis - Snowdrops	38.23
32 93 23 00-0130	LOT	Lot Of 100 Top Size Iris reticulata cvs - Dutch Iris	15.02
32 93 23 00-0131	LOT	Lot Of 100 Top Size Muscari armeniacum - Grape Hyacinth	17.75
32 93 23 00-0132	LOT	Lot Of 100 Top Size Muscari latifolium - Grape Hyacinth	20.48
32 93 23 00-0133	LOT	Lot Of 50 Narcissus 'Carlton' - Carlton Daffodil DNI	61.43
32 93 23 00-0134	LOT	Lot Of 50 Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	29.35
32 93 23 00-0135	LOT	Lot Of 50 Narcissus 'February Gold' - February Gold Daffodil DNI	30.72
32 93 23 00-0136	LOT	Lot Of 50 Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	30.72
32 93 23 00-0137	LOT	Lot Of 50 Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	32.08
32 93 23 00-0138	LOT	Lot Of 50 Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	34.13
32 93 23 00-0139	LOT	Lot Of 50 Narcissus 'Pipit' - Pipit Daffodil DNI	32.08
32 93 23 00-0140	LOT	Lot Of 50 Narcissus 'Salome' - Salome Daffodil DNI	30.03
32 93 23 00-0141	LOT	Lot Of 50 Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	32.08
32 93 23 00-0142	LOT	Lot Of 50 Narcissus 'Thalia' - Thalia Daffodil DNI	32.08
32 93 23 00-0143	LOT	Lot Of 100 Top Size Scilla siberica - Siberian Squill	19.11
32 93 23 00-0144	LOT	Lot Of 60 Top Size Tulip 'Angelique' - Angelique Tulip	32.77
32 93 23 00-0145	LOT	Lot Of 60 Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	24.57
32 93 23 00-0146	LOT	Lot Of 100 Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	54.61
32 93 23 00-0147	LOT	Lot Of 100 Top Size Tulip 'Big Smile' - Big Smile Tulip	47.78
32 93 23 00-0148	LOT	Lot Of 100 Top Size Tulip 'Black Parrot' - Black Parrot Tulip	68.26
32 93 23 00-0149	LOT	Lot Of 100 Top Size Tulip 'Blue Heron' - Blue Heron Tulip	51.88
32 93 23 00-0150	LOT	Lot Of 100 Top Size Tulip 'Cardinal' - Cardinal Tulip	45.05
32 93 23 00-0151	LOT	Lot Of 100 Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	50.51
32 93 23 00-0152	LOT	Lot Of 100 Top Size Tulip clusiana - Species Tulip	50.51
32 93 23 00-0153	LOT	Lot Of 60 Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	30.31
32 93 23 00-0154	LOT	Lot Of 60 Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	24.57
32 93 23 00-0155	LOT	Lot Of 60 Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	23.75
32 93 23 00-0156	LOT	Lot Of 100 Top Size Tulip 'Halcro' - Halcro Tulip	40.96
32 93 23 00-0157	LOT	Lot Of 60 Top Size Tulip 'Ivory Floridale' - Ivory Floridale Tulip	40.96
32 93 23 00-0158	LOT	Lot Of 60 Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	24.57
32 93 23 00-0159	LOT	Lot Of 100 Top Size Tulip 'Passionale' - Passionale Tulip	54.61
32 93 23 00-0160	LOT	Lot Of 60 Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	35.22
32 93 23 00-0161	LOT	Lot Of 100 Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	61.43
32 93 23 00-0162	LOT	Lot Of 100 Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	49.15
32 93 23 00-0163	LOT	Lot Of 60 Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	27.85
32 93 23 00-0164	LOT	Lot Of 60 Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	30.31
32 93 23 00-0165	LOT	Lot Of 60 Top Size Tulip 'Princeps' - Princeps Tulip	30.31
32 93 23 00-0166	LOT	Lot Of 100 Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	39.59
32 93 23 00-0167	LOT	Lot Of 100 Top Size Tulip saxatilis - Species Tulip	27.30
32 93 23 00-0168	LOT	Lot Of 100 Top Size Tulip 'Shirley' - Shirley Tulip	40.96
32 93 23 00-0169	LOT	Lot Of 100 Top Size Tulip 'Spring Green' - Spring Green Tulip	53.24
32 93 23 00-0170	LOT	Lot Of 60 Top Size Tulip 'White Emperor' - White Emperor Tulip	24.57

32 93 33 Shrubs (32 93)

Note: (cvs = cultivar) materials only.

32 93 33 00-0001 Shrubs (32 93 33)

32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	3.30
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	6.72
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	12.90
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	4.65
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	11.50
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	45.65
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	85.85
32 93 33 00-0009	EA	18" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	125.47
32 93 33 00-0010	EA	24" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	139.99
32 93 33 00-0011	EA	30" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	176.97
32 93 33 00-0012	EA	36" B&B Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	196.78
32 93 33 00-0013	EA	18" B&B Aesculus parviflora - Bottlebrush Buckeye	39.62
32 93 33 00-0014	EA	24" B&B Aesculus parviflora - Bottlebrush Buckeye	52.83
32 93 33 00-0015	EA	30" B&B Aesculus parviflora - Bottlebrush Buckeye	66.03

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile.....	4.65	
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile.....	11.50	
32 93 33 00-0018	EA	36" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	22.45	
32 93 33 00-0019	EA	42" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	26.41	
32 93 33 00-0020	EA	48" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	31.70	
32 93 33 00-0021	EA	60" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	36.98	
32 93 33 00-0022	EA	72" B&B Aronia arbutifolia & cvs - Red Chokeberry.....	44.90	
32 93 33 00-0023	EA	36" B&B Aronia melanocarpa & cvs - Black Chokeberry	21.79	
32 93 33 00-0024	EA	42" B&B Aronia melanocarpa & cvs - Black Chokeberry	23.11	
32 93 33 00-0025	EA	48" B&B Aronia melanocarpa & cvs - Black Chokeberry	24.43	
32 93 33 00-0026	EA	60" B&B Aronia melanocarpa & cvs - Black Chokeberry	27.73	
32 93 33 00-0027	EA	36" B&B Aronia prunifolia - Purple-Fruited Chokeberry	22.12	
32 93 33 00-0028	EA	42" B&B Aronia prunifolia - Purple-Fruited Chokeberry	23.44	
32 93 33 00-0029	EA	48" B&B Aronia prunifolia - Purple-Fruited Chokeberry	24.76	
32 93 33 00-0030	EA	60" B&B Aronia prunifolia - Purple-Fruited Chokeberry	26.08	
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	4.54	
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	10.50	
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	5.32	
32 93 33 00-0034	EA	3 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	11.71	
32 93 33 00-0035	EA	5 Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	15.82	
32 93 33 00-0036	EA	1 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	4.65	
32 93 33 00-0037	EA	5 Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	11.50	
32 93 33 00-0038	EA	1 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	4.65	
32 93 33 00-0039	EA	5 Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	11.50	
32 93 33 00-0040	EA	1 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	5.68	
32 93 33 00-0041	EA	2 Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	8.30	
32 93 33 00-0042	EA	15" To 18" Berberis - Northern Bayberry	23.69	
32 93 33 00-0043	EA	2' To 2-1/2' Berberis - Northern Bayberry	30.08	
32 93 33 00-0044	EA	2-1/2' To 3' Berberis - Northern Bayberry	42.14	
32 93 33 00-0045	EA	1 Gallon Berberis Buxifolia 'Nana' - Barberry.....	5.25	
32 93 33 00-0046	EA	5 Gallon Berberis Buxifolia 'Nana' - Barberry.....	12.65	
32 93 33 00-0047	EA	18" To 24" Berberis julianae - Dwarf Wintergreen Barberry.....	25.33	
32 93 33 00-0048	EA	2' To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry.....	32.42	
32 93 33 00-0049	EA	2-1/2' To 3' Berberis julianae - Dwarf Wintergreen Barberry.....	41.43	
32 93 33 00-0050	EA	1 Gallon Berberis thunbergii - Crimson Pygmy Barberry	6.81	
32 93 33 00-0051	EA	2 Gallon Berberis thunbergii - Crimson Pygmy Barberry	13.41	
32 93 33 00-0052	EA	3 Gallon Berberis thunbergii - Crimson Pygmy Barberry	16.39	
32 93 33 00-0053	EA	1 Gallon Berberis x mentorensis - Mentor Barberry.....	6.46	
32 93 33 00-0054	EA	5 Gallon Berberis x mentorensis - Mentor Barberry.....	18.23	
32 93 33 00-0055	EA	2' To 3' Berberis x mentorensis - Mentor Barberry.....	25.33	
32 93 33 00-0056	EA	3' To 4' Berberis x mentorensis - Mentor Barberry.....	39.09	
32 93 33 00-0057	EA	1 Gallon Buxus microphylla japonica - Japanese Boxwood.....	7.38	
32 93 33 00-0058	EA	5 Gallon Buxus microphylla japonica - Japanese Boxwood.....	19.79	
32 93 33 00-0059	EA	12" To 15" Buxus microphylla japonica - Japanese Boxwood	21.07	
32 93 33 00-0060	EA	15" To 18" Buxus microphylla japonica - Japanese Boxwood	27.10	
32 93 33 00-0061	EA	18" To 24" Buxus microphylla japonica - Japanese Boxwood	36.11	
32 93 33 00-0062	EA	24" To 30" Buxus microphylla japonica - Japanese Boxwood	54.20	
32 93 33 00-0063	EA	30" To 36" Buxus microphylla japonica - Japanese Boxwood	75.27	
32 93 33 00-0064	EA	12" To 15" Buxus sempervirens - Common Boxwood	21.07	
32 93 33 00-0065	EA	15" To 18" Buxus sempervirens - Common Boxwood	27.10	
32 93 33 00-0066	EA	18" To 24" Buxus sempervirens - Common Boxwood	36.11	
32 93 33 00-0067	EA	24" To 30" Buxus sempervirens - Common Boxwood	54.20	
32 93 33 00-0068	EA	2 Gallon Buxus Hybrid - Boxwood Cultivars	13.87	
32 93 33 00-0069	EA	5 Gallon Buxus Hybrid - Boxwood Cultivars	23.11	
32 93 33 00-0070	EA	5 Gallon Buxus microphylla & cvs - Little leaf Boxwood.....	60.75	
32 93 33 00-0071	EA	18" B&B Buxus microphylla & cvs - Little leaf Boxwood	33.02	
32 93 33 00-0072	EA	24" B&B Buxus microphylla & cvs - Little leaf Boxwood	44.90	
32 93 33 00-0073	EA	30" B&B Buxus microphylla & cvs - Little leaf Boxwood	60.75	
32 93 33 00-0074	EA	1 Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	4.17	
32 93 33 00-0075	EA	5 Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	12.84	
32 93 33 00-0076	EA	15 Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	41.74	
32 93 33 00-0077	EA	5 Gallon Calycanthus floridus - Common Sweetshrub.....	21.79	
32 93 33 00-0078	EA	30" B&B Calycanthus floridus - Common Sweetshrub.....	19.81	
32 93 33 00-0079	EA	36" B&B Calycanthus floridus - Common Sweetshrub.....	26.41	
32 93 33 00-0080	EA	1 Gallon Camellia "Sasanqua" - Camellia.....	5.32	
32 93 33 00-0081	EA	3 Gallon Camellia "Sasanqua" - Camellia.....	11.35	
32 93 33 00-0082	EA	5 Gallon Camellia "Sasanqua" - Camellia.....	18.87	
32 93 33 00-0083	EA	7 Gallon Camellia "Sasanqua" - Camellia.....	28.10	
32 93 33 00-0084	EA	15 Gallon Camellia "Sasanqua" - Camellia.....	72.90	
32 93 33 00-0085	EA	1 Gallon Camellia japonica - Camellia.....	5.32	
32 93 33 00-0086	EA	3 Gallon Camellia japonica - Camellia.....	11.35	
32 93 33 00-0087	EA	5 Gallon Camellia japonica - Camellia.....	18.87	
32 93 33 00-0088	EA	5 Gallon Ceanothus americanus - New Jersey Tea.....	21.79	
32 93 33 00-0089	EA	1 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	5.25	
32 93 33 00-0090	EA	5 Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	13.65	
32 93 33 00-0091	EA	5 Gallon Celastrus scandens - Bittersweet.....	21.79	
32 93 33 00-0092	EA	36" B&B Celastrus scandens - Bittersweet.....	18.49	
32 93 33 00-0093	EA	5 Gallon Cephalanthus occidentalis - Buttonbush.....	21.79	
32 93 33 00-0094	EA	24" B&B Cephalanthus occidentalis - Buttonbush.....	16.51	
32 93 33 00-0095	EA	30" B&B Cephalanthus occidentalis - Buttonbush.....	18.49	
32 93 33 00-0096	EA	36" B&B Cephalanthus occidentalis - Buttonbush.....	19.81	
32 93 33 00-0097	EA	18" To 24" Chaenomeles speciosa - Flowering Quince.....	19.01	
32 93 33 00-0098	EA	2' To 3' Chaenomeles speciosa - Flowering Quince.....	25.33	
32 93 33 00-0099	EA	3' To 4' Chaenomeles speciosa - Flowering Quince.....	39.09	
32 93 33 00-0100	EA	1 Gallon Cistus Hybridus - White Rockrose.....	4.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0101	EA		5 Gallon Cistus Hybridus - White Rockrose.....	11.50	
32 93 33 00-0102	EA		3 Gallon Clethra alnifolia & cvs - Summersweet Clethra	21.13	
32 93 33 00-0103	EA		18" B&B Clethra alnifolia & cvs - Summersweet Clethra	22.78	
32 93 33 00-0104	EA		24" B&B Clethra alnifolia & cvs - Summersweet Clethra	25.42	
32 93 33 00-0105	EA		30" B&B Clethra alnifolia & cvs - Summersweet Clethra	26.74	
32 93 33 00-0106	EA		36" B&B Clethra alnifolia & cvs - Summersweet Clethra	31.37	
32 93 33 00-0107	EA		1 Gallon Coleonema Pulchellum - Confetti Bush.....	4.65	
32 93 33 00-0108	EA		5 Gallon Coleonema Pulchellum - Confetti Bush.....	11.50	
32 93 33 00-0109	EA		15 Gallon Coleonema Pulchellum - Confetti Bush.....	53.85	
32 93 33 00-0110	EA		2' To 3' Cornus mas - Cornelian Cherry.....	30.08	
32 93 33 00-0111	EA		3' To 4' Cornus mas - Cornelian Cherry.....	37.60	
32 93 33 00-0112	EA		4' To 5' Cornus mas - Cornelian Cherry.....	48.17	
32 93 33 00-0113	EA		5' To 6' Cornus mas - Cornelian Cherry.....	66.19	
32 93 33 00-0114	EA		5 Gallon Cornus alba & cvs - Tartarian Dogwood.....	19.81	
32 93 33 00-0115	EA		36" B&B Cornus alba & cvs - Tartarian Dogwood.....	13.87	
32 93 33 00-0116	EA		48" B&B Cornus alba & cvs - Tartarian Dogwood.....	15.85	
32 93 33 00-0117	EA		60" B&B Cornus alba & cvs - Tartarian Dogwood.....	19.81	
32 93 33 00-0118	EA		72" B&B Cornus alba & cvs - Tartarian Dogwood.....	23.77	
32 93 33 00-0119	EA		36" B&B Cornus amomum - Silky Dogwood.....	19.81	
32 93 33 00-0120	EA		5 Gallon Cornus obliqua - Blue Fruited Dogwood.....	21.79	
32 93 33 00-0121	EA		5 Gallon Cornus racemosa - Gray Dogwood.....	21.79	
32 93 33 00-0122	EA		36" B&B Cornus racemosa - Gray Dogwood.....	19.81	
32 93 33 00-0123	EA		48" B&B Cornus racemosa - Gray Dogwood.....	23.11	
32 93 33 00-0124	EA		60" B&B Cornus racemosa - Gray Dogwood.....	25.09	
32 93 33 00-0125	EA		72" B&B Cornus racemosa - Gray Dogwood.....	30.38	
32 93 33 00-0126	EA		36" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	21.46	
32 93 33 00-0127	EA		48" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	24.10	
32 93 33 00-0128	EA		60" B&B Cornus sanguinea & cvs - Bloodtwig Dogwood.....	27.40	
32 93 33 00-0129	EA		24" B&B Cornus sericea & cvs - Redosier Dogwood.....	17.17	
32 93 33 00-0130	EA		30" B&B Cornus sericea & cvs - Redosier Dogwood.....	19.81	
32 93 33 00-0131	EA		36" B&B Cornus sericea & cvs - Redosier Dogwood.....	21.13	
32 93 33 00-0132	EA		48" B&B Cornus sericea & cvs - Redosier Dogwood.....	23.11	
32 93 33 00-0133	EA		60" B&B Cornus sericea & cvs - Redosier Dogwood.....	25.75	
32 93 33 00-0134	EA		5 Gallon Corylus americana - American Filbert.....	20.47	
32 93 33 00-0135	EA		30" B&B Corylus americana - American Filbert.....	23.11	
32 93 33 00-0136	EA		36" B&B Corylus americana - American Filbert.....	24.76	
32 93 33 00-0137	EA		48" B&B Corylus americana - American Filbert.....	26.74	
32 93 33 00-0138	EA		24" B&B Corylus avellana - Contorted Hazelnut.....	66.03	
32 93 33 00-0139	EA		30" B&B Corylus avellana - Contorted Hazelnut.....	85.85	
32 93 33 00-0140	EA		36" B&B Corylus avellana - Contorted Hazelnut.....	92.45	
32 93 33 00-0141	EA		42" B&B Corylus avellana - Contorted Hazelnut.....	118.86	
32 93 33 00-0142	EA		48" B&B Corylus avellana - Contorted Hazelnut.....	145.28	
32 93 33 00-0143	EA		60" B&B Corylus avellana - Contorted Hazelnut.....	165.09	
32 93 33 00-0144	EA		5' To 6' Cotinus coggygria - Smoke Tree.....	63.21	
32 93 33 00-0145	EA		6' To 8' Cotinus coggygria - Smoke Tree.....	94.78	
32 93 33 00-0146	EA		8' To 10' Cotinus coggygria - Smoke Tree.....	142.94	
32 93 33 00-0147	EA		5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	16.51	
32 93 33 00-0148	EA		18" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	16.51	
32 93 33 00-0149	EA		24" B&B Cotoneaster acutifolia & cvs - Peking Cotoneaster.....	17.17	
32 93 33 00-0150	EA		12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster.....	15.82	
32 93 33 00-0151	EA		3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	17.17	
32 93 33 00-0152	EA		18" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	16.51	
32 93 33 00-0153	EA		24" B&B Cotoneaster apiculata & cvs - Cranberry Cotoneaster.....	17.17	
32 93 33 00-0154	EA		1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster.....	6.81	
32 93 33 00-0155	EA		2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster.....	21.07	
32 93 33 00-0156	EA		3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster.....	28.45	
32 93 33 00-0157	EA		4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster.....	48.17	
32 93 33 00-0158	EA		1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster.....	4.65	
32 93 33 00-0159	EA		5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster.....	11.50	
32 93 33 00-0160	EA		1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster.....	6.81	
32 93 33 00-0161	EA		2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster.....	13.41	
32 93 33 00-0162	EA		1 Gallon Cotoneaster lacteus - Red Clusterberry.....	4.65	
32 93 33 00-0163	EA		5 Gallon Cotoneaster lacteus - Red Clusterberry.....	11.50	
32 93 33 00-0164	EA		15 Gallon Cotoneaster lacteus - Red Clusterberry.....	45.65	
32 93 33 00-0165	EA		1 Gallon Dendromecon harfordii - Island Bush Poppy.....	10.70	
32 93 33 00-0166	EA		5 Gallon Dendromecon harfordii - Island Bush Poppy.....	26.76	
32 93 33 00-0167	EA		18" B&B Deutzia gracilis - Slender Deutzia.....	16.84	
32 93 33 00-0168	EA		24" B&B Deutzia gracilis - Slender Deutzia.....	18.49	
32 93 33 00-0169	EA		30" B&B Deutzia gracilis - Slender Deutzia.....	23.77	
32 93 33 00-0170	EA		36" B&B Deutzia gracilis - Slender Deutzia.....	27.73	
32 93 33 00-0171	EA		42" B&B Deutzia gracilis - Slender Deutzia.....	31.70	
32 93 33 00-0172	EA		24" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	26.41	
32 93 33 00-0173	EA		30" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	31.70	
32 93 33 00-0174	EA		36" B&B Diervilla sessilifolia - Southern Bush Honeysuckle.....	36.98	
32 93 33 00-0175	EA		2 Gallon Diervilla splendens - Splendens Bush Honeysuckle.....	9.91	
32 93 33 00-0176	EA		36" B&B Diervilla splendens - Splendens Bush Honeysuckle.....	23.77	
32 93 33 00-0177	EA		48" B&B Diervilla splendens - Splendens Bush Honeysuckle.....	31.70	
32 93 33 00-0178	EA		5 Gallon Elaeagnus angustifolia - Russian Olive.....	11.50	
32 93 33 00-0179	EA		1 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	4.65	
32 93 33 00-0180	EA		5 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	11.50	
32 93 33 00-0181	EA		15 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry.....	45.65	
32 93 33 00-0182	EA		1 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	4.65	
32 93 33 00-0183	EA		5 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	11.50	
32 93 33 00-0184	EA		15 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry.....	45.65	
32 93 33 00-0185	EA		3' To 4' Elaeagnus umbellata - Autumn Olive.....	19.72	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 33 00-0186	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	27.10	
32 93 33 00-0187	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	32.42	
32 93 33 00-0188	EA	3' To 4' Elaeagnus angustifolia - Russian Olive	31.57	
32 93 33 00-0189	EA	1 Gallon Escallonia x exoniensis 'Fradesi' - Pink Princess Escallonia	4.65	
32 93 33 00-0190	EA	5 Gallon Escallonia x exoniensis 'Fradesi' - Pink Princess Escallonia	11.50	
32 93 33 00-0191	EA	15 Gallon Escallonia x exoniensis 'Fradesi' - Pink Princess Escallonia	45.65	
32 93 33 00-0192	EA	1 Gallon Euonymus - Gold Spot	5.68	
32 93 33 00-0193	EA	2 Gallon Euonymus - Gold Spot	11.92	
32 93 33 00-0194	EA	5 Gallon Euonymus - Gold Spot	16.39	
32 93 33 00-0195	EA	1 Gallon Euonymus alatus - Winged Euonymus	4.84	
32 93 33 00-0196	EA	3 Gallon Euonymus alatus - Winged Euonymus	13.97	
32 93 33 00-0197	EA	24" B&B Euonymus alatus - Winged Euonymus	18.83	
32 93 33 00-0198	EA	30" B&B Euonymus alatus - Winged Euonymus	23.54	
32 93 33 00-0199	EA	36" B&B Euonymus alatus - Winged Euonymus	32.35	
32 93 33 00-0200	EA	42" B&B Euonymus alatus - Winged Euonymus	39.94	
32 93 33 00-0201	EA	48" B&B Euonymus alatus - Winged Euonymus	47.08	
32 93 33 00-0202	EA	54" B&B Euonymus alatus - Winged Euonymus	60.75	
32 93 33 00-0203	EA	5 Gallon Euonymus alatus - Winged Euonymus	17.47	
32 93 33 00-0204	EA	60" B&B Euonymus alatus - Winged Euonymus	75.94	
32 93 33 00-0205	EA	30" B&B Euonymus alatus compactus - Compact Winged Euonymus	29.72	
32 93 33 00-0206	EA	36" B&B Euonymus alatus compactus - Compact Winged Euonymus	35.33	
32 93 33 00-0207	EA	42" B&B Euonymus alatus compactus - Compact Winged Euonymus	46.22	
32 93 33 00-0208	EA	48" B&B Euonymus alatus compactus - Compact Winged Euonymus	55.47	
32 93 33 00-0209	EA	60" B&B Euonymus alatus compactus - Compact Winged Euonymus	68.68	
32 93 33 00-0210	EA	18" To 24" Euonymus alatus - Winged Burning Bush	21.07	
32 93 33 00-0211	EA	2' To 2-1/2' Euonymus alatus - Winged Burning Bush	24.83	
32 93 33 00-0212	EA	2-1/2' To 3' Euonymus alatus - Winged Burning Bush	33.91	
32 93 33 00-0213	EA	3' To 3-1/2' Euonymus alatus - Winged Burning Bush	40.65	
32 93 33 00-0214	EA	3-1/2' To 4' Euonymus alatus - Winged Burning Bush	51.15	
32 93 33 00-0215	EA	4' To 5' Euonymus alatus - Winged Burning Bush	72.22	
32 93 33 00-0216	EA	5' To 6' Euonymus alatus - Winged Burning Bush	90.31	
32 93 33 00-0217	EA	6' To 8' Euonymus alatus - Winged Burning Bush	105.35	
32 93 33 00-0218	EA	15" To 18" Euonymus alatus - Dwarf Winged Burning Bush	21.07	
32 93 33 00-0219	EA	18" To 24" Euonymus alatus - Dwarf Winged Burning Bush	24.05	
32 93 33 00-0220	EA	2' To 2-1/2' Euonymus alatus - Dwarf Winged Burning Bush	29.37	
32 93 33 00-0221	EA	2-1/2' To 3' Euonymus alatus - Dwarf Winged Burning Bush	41.43	
32 93 33 00-0222	EA	3' To 3-1/2' Euonymus alatus - Dwarf Winged Burning Bush	48.95	
32 93 33 00-0223	EA	3-1/2' To 4' Euonymus alatus - Dwarf Winged Burning Bush	58.67	
32 93 33 00-0224	EA	4' To 5' Euonymus alatus - Dwarf Winged Burning Bush	82.79	
32 93 33 00-0225	EA	5' To 6' Euonymus alatus - Dwarf Winged Burning Bush	97.83	
32 93 33 00-0226	EA	36" B&B Euonymus atropurpurea - Eastern Wahoo	17.83	
32 93 33 00-0227	EA	1 Gallon Euonymus fortunei - Wintercreeper	6.81	
32 93 33 00-0228	EA	2 Gallon Euonymus fortunei - Wintercreeper	13.41	
32 93 33 00-0229	EA	3 Gallon Euonymus fortunei - Wintercreeper	16.39	
32 93 33 00-0230	EA	5 Gallon Euonymus fortunei - Wintercreeper	19.44	
32 93 33 00-0231	EA	1 Gallon Euonymus japonicus - Evergreen Spindle	4.65	
32 93 33 00-0232	EA	5 Gallon Euonymus japonicus - Evergreen Spindle	11.50	
32 93 33 00-0233	EA	15 Gallon Euonymus japonicus - Evergreen Spindle	45.65	
32 93 33 00-0234	EA	2' To 3' Forsythia - Korean Forsythia	15.04	
32 93 33 00-0235	EA	3' To 4' Forsythia - Korean Forsythia	19.01	
32 93 33 00-0236	EA	4' To 5' Forsythia - Korean Forsythia	23.69	
32 93 33 00-0237	EA	30" B&B Forsythia cvs - Forsythia cultivars	15.19	
32 93 33 00-0238	EA	36" B&B Forsythia cvs - Forsythia cultivars	16.84	
32 93 33 00-0239	EA	48" B&B Forsythia cvs - Forsythia cultivars	18.16	
32 93 33 00-0240	EA	18" B&B Forsythia viridissima & cvs - Green Forsythia	15.85	
32 93 33 00-0241	EA	24" B&B Forsythia viridissima & cvs - Green Forsythia	21.13	
32 93 33 00-0242	EA	24" B&B Forsythia x intermedia & cvs - Border Forsythia	15.85	
32 93 33 00-0243	EA	30" B&B Forsythia x intermedia & cvs - Border Forsythia	18.49	
32 93 33 00-0244	EA	36" B&B Forsythia x intermedia & cvs - Border Forsythia	21.79	
32 93 33 00-0245	EA	42" B&B Forsythia x intermedia & cvs - Border Forsythia	25.09	
32 93 33 00-0246	EA	48" B&B Forsythia x intermedia & cvs - Border Forsythia	29.06	
32 93 33 00-0247	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	22.45	
32 93 33 00-0248	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	31.37	
32 93 33 00-0249	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	33.02	
32 93 33 00-0250	EA	15" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	34.34	
32 93 33 00-0251	EA	18" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	36.98	
32 93 33 00-0252	EA	24" B&B Fothergilla gardenii & cvs - Dwarf Fothergilla	44.90	
32 93 33 00-0253	EA	24" B&B Fothergilla major - Large Fothergilla	58.11	
32 93 33 00-0254	EA	30" B&B Fothergilla major - Large Fothergilla	66.03	
32 93 33 00-0255	EA	1 Gallon Gardenia jasminoides - Cape Jasmine	4.90	
32 93 33 00-0256	EA	3 Gallon Gardenia jasminoides - Cape Jasmine	12.84	
32 93 33 00-0257	EA	5 Gallon Gardenia jasminoides - Cape Jasmine	16.39	
32 93 33 00-0258	EA	1 Gallon Grevillea 'Noellii' - Noel's Grevillea	4.65	
32 93 33 00-0259	EA	5 Gallon Grevillea 'Noellii' - Noel's Grevillea	11.50	
32 93 33 00-0260	EA	15 Gallon Grevillea 'Noellii' - Noel's Grevillea	45.65	
32 93 33 00-0261	EA	36" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	46.22	
32 93 33 00-0262	EA	48" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	75.28	
32 93 33 00-0263	EA	60" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	95.09	
32 93 33 00-0264	EA	72" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	145.28	
32 93 33 00-0265	EA	84" B&B Hamamelis vernalis & cvs - Vernal Witchhazel	165.09	
32 93 33 00-0266	EA	1 Gallon Hedychium gartdnerum - Variegated Ginger	2.81	
32 93 33 00-0267	EA	3 Gallon Hedychium gartdnerum - Variegated Ginger	9.87	
32 93 33 00-0268	EA	5 Gallon Hedychium gartdnerum - Variegated Ginger	18.98	
32 93 33 00-0269	EA	1 Gallon Hibiscus rosa-sinensis - Hibiscus	7.20	
32 93 33 00-0270	EA	3 Gallon Hibiscus rosa-sinensis - Hibiscus	12.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0271	EA	5	Gallon Hibiscus rosa-sinensis - Hibiscus	18.38	
32 93 33 00-0272	EA	5	Gallon Hibiscus syriacus - Rose Of Sharon	19.01	
32 93 33 00-0273	EA	2'	To 3' Hibiscus syriacus - Rose Of Sharon	16.17	
32 93 33 00-0274	EA	3'	To 4' Hibiscus syriacus - Rose Of Sharon	21.85	
32 93 33 00-0275	EA	4'	To 5' Hibiscus syriacus - Rose Of Sharon	31.57	
32 93 33 00-0276	EA	5'	To 6' Hibiscus syriacus - Rose Of Sharon	43.63	
32 93 33 00-0277	EA	2	Gallon Hydrangea - Blue Hydrangea	13.41	
32 93 33 00-0278	EA	5	Gallon Hydrangea - Blue Hydrangea	18.87	
32 93 33 00-0279	EA	2	To 3' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	21.07	
32 93 33 00-0280	EA	3'	To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	24.05	
32 93 33 00-0281	EA	2	Gallon Hydrangea quercifolia - Oakleaf Hydrangea	13.41	
32 93 33 00-0282	EA	5	Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	23.11	
32 93 33 00-0283	EA	30"	B&B Hydrangea arborescens & cvs - Smooth Hydrangea	25.09	
32 93 33 00-0284	EA	36"	B&B Hydrangea arborescens & cvs - Smooth Hydrangea	29.06	
32 93 33 00-0285	EA	4	Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	30.38	
32 93 33 00-0286	EA	18"	B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	23.77	
32 93 33 00-0287	EA	24"	B&B Hydrangea macrophylla & cvs - Bigleaf Hydrangea	31.70	
32 93 33 00-0288	EA	3	Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	13.87	
32 93 33 00-0289	EA	5	Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	16.51	
32 93 33 00-0290	EA	18"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea	14.20	
32 93 33 00-0291	EA	24"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea	15.19	
32 93 33 00-0292	EA	30"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea	17.17	
32 93 33 00-0293	EA	36"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea	19.81	
32 93 33 00-0294	EA	48"	B&B Hydrangea paniculata & cvs - Panicle Hydrangea	26.41	
32 93 33 00-0295	EA	18"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	19.15	
32 93 33 00-0296	EA	24"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	21.79	
32 93 33 00-0297	EA	30"	B&B Hydrangea quercifolia & cvs - Oakleaf Hydrangea	25.75	
32 93 33 00-0298	EA	2	Gallon Hypericum kalmianum - St. John's Wort	13.41	
32 93 33 00-0299	EA	3	Gallon Hypericum kalmianum - Kalm St. John's Wort	15.85	
32 93 33 00-0300	EA	24"	B&B Hypericum kalmianum - Kalm St. John's Wort	17.17	
32 93 33 00-0301	EA	1	Gallon Ilex "Carissa" - Holly	6.81	
32 93 33 00-0302	EA	2	Gallon Ilex "Carissa" - Holly	13.41	
32 93 33 00-0303	EA	5	Gallon Ilex "Carissa" - Holly	18.87	
32 93 33 00-0304	EA	18"	To 24" Ilex - Gulfside Sweet Holly	18.09	
32 93 33 00-0305	EA	2'	To 2-1/2' Ilex - Gulfside Sweet Holly	22.91	
32 93 33 00-0306	EA	2-1/2'	To 3' Ilex - Gulfside Sweet Holly	29.72	
32 93 33 00-0307	EA	3'	To 3-1/2' Ilex - Gulfside Sweet Holly	36.11	
32 93 33 00-0308	EA	3	Gallon Ilex cornuta - Dwarf Horned Holly	13.51	
32 93 33 00-0309	EA	1	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	6.81	
32 93 33 00-0310	EA	2	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	13.41	
32 93 33 00-0311	EA	5	Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	19.44	
32 93 33 00-0312	EA	1	Gallon Ilex crenata - Hellers Japanese Holly	6.81	
32 93 33 00-0313	EA	2	Gallon Ilex crenata - Hellers Japanese Holly	14.90	
32 93 33 00-0314	EA	3	Gallon Ilex crenata - Hellers Japanese Holly	19.44	
32 93 33 00-0315	EA	2	Gallon Ilex crenata - Hetzi Japanese Holly	14.90	
32 93 33 00-0316	EA	3	Gallon Ilex crenata - Hetzi Japanese Holly	17.95	
32 93 33 00-0317	EA	2'	To 3' Ilex crenata - Hetzi Japanese Holly	36.11	
32 93 33 00-0318	EA	3'	To 4' Ilex crenata - Hetzi Japanese Holly	48.17	
32 93 33 00-0319	EA	2'	To 3' Ilex opaca - American Holly	48.17	
32 93 33 00-0320	EA	3'	To 4' Ilex opaca - American Holly	79.74	
32 93 33 00-0321	EA	4'	To 5' Ilex opaca - American Holly	102.30	
32 93 33 00-0322	EA	5'	To 6' Ilex opaca - American Holly	123.36	
32 93 33 00-0323	EA	6'	To 7' Ilex opaca - American Holly	173.02	
32 93 33 00-0324	EA	7'	To 8' Ilex opaca - American Holly	240.77	
32 93 33 00-0325	EA	8'	To 10' Ilex opaca - American Holly	346.04	
32 93 33 00-0326	EA	10'	To 12' Ilex opaca - American Holly	526.66	
32 93 33 00-0327	EA	12'	To 14' Ilex opaca - American Holly	639.45	
32 93 33 00-0328	EA	14'	To 16' Ilex opaca - American Holly	789.91	
32 93 33 00-0329	EA	2'	To 3' Ilex verticillata - Winterberry (Female)	48.17	
32 93 33 00-0330	EA	3'	To 4' Ilex verticillata - Winterberry (Female)	63.21	
32 93 33 00-0331	EA	2'	To 3' Ilex verticillata - Winterberry (Male)	39.09	
32 93 33 00-0332	EA	3'	To 4' Ilex verticillata - Winterberry (Male)	54.20	
32 93 33 00-0333	EA	4'	To 5' Ilex verticillata - Winterberry (Male)	63.21	
32 93 33 00-0334	EA	1	Gallon Ilex vomitoria - Yaupon Holly	6.38	
32 93 33 00-0335	EA	3	Gallon Ilex vomitoria - Yaupon Holly	12.84	
32 93 33 00-0336	EA	10	Gallon Ilex vomitoria - Yaupon Holly	45.12	
32 93 33 00-0337	EA	18"	B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	20.47	
32 93 33 00-0338	EA	24"	B&B Ilex glabra compacta & cvs - Compact Inkberry Holly	23.11	
32 93 33 00-0339	EA	3	Gallon Ilex meserveae & cvs - Blue Holly	26.41	
32 93 33 00-0340	EA	18"	B&B Ilex meserveae & cvs - Blue Holly	24.43	
32 93 33 00-0341	EA	24"	B&B Ilex meserveae & cvs - Blue Holly	29.72	
32 93 33 00-0342	EA	5	Gallon Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0343	EA	24"	B&B Ilex verticillata & cvs - Common Winterberry	21.79	
32 93 33 00-0344	EA	30"	B&B Ilex verticillata & cvs - Common Winterberry	23.11	
32 93 33 00-0345	EA	36"	B&B Ilex verticillata & cvs - Common Winterberry	27.73	
32 93 33 00-0346	EA	42"	B&B Ilex verticillata & cvs - Common Winterberry	31.04	
32 93 33 00-0347	EA	48"	B&B Ilex verticillata & cvs - Common Winterberry	33.02	
32 93 33 00-0348	EA	60"	B&B Ilex verticillata & cvs - Common Winterberry	42.26	
32 93 33 00-0349	EA	4'	To 5' Ilex x attenuata "Foster" - Holly	78.25	
32 93 33 00-0350	EA	5'	To 6' Ilex x attenuata "Foster" - Holly	103.78	
32 93 33 00-0351	EA	6'	To 7' Ilex x attenuata "Foster" - Holly	92.86	
32 93 33 00-0352	EA	7'	To 8' Ilex x attenuata "Foster" - Holly	180.54	
32 93 33 00-0353	EA	1	Gallon Jasimnum - Jasmine	1.75	
32 93 33 00-0354	EA	3	Gallon Jasimnum - Jasmine	6.83	
32 93 33 00-0355	EA	3	Gallon Jasimnum - Orange Jasmine	5.32	

32 Exterior Improvements

32 90 Planting

32 93 Plants

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0356	EA	4' - 5' Jasimum - Orange Jasmine.....	60.75
32 93 33 00-0357	EA	6' - 7' Jasimum - Orange Jasmine.....	121.50
32 93 33 00-0358	EA	8' - 10' Jasimum - Orange Jasmine.....	164.03
32 93 33 00-0359	EA	3 Gallon Juniperus chinensis cvs - Chinese Juniper.....	23.11
32 93 33 00-0360	EA	5 Gallon Juniperus chinensis cvs - Chinese Juniper.....	25.75
32 93 33 00-0361	EA	18" B&B Juniperus chinensis cvs - Chinese Juniper.....	34.34
32 93 33 00-0362	EA	24" B&B Juniperus chinensis cvs - Chinese Juniper.....	44.90
32 93 33 00-0363	EA	30" B&B Juniperus chinensis cvs - Chinese Juniper.....	52.83
32 93 33 00-0364	EA	36" B&B Juniperus chinensis cvs - Chinese Juniper.....	71.32
32 93 33 00-0365	EA	48" B&B Juniperus chinensis cvs - Chinese Juniper.....	97.73
32 93 33 00-0366	EA	1 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	11.01
32 93 33 00-0367	EA	3 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	23.11
32 93 33 00-0368	EA	5 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	25.75
32 93 33 00-0369	EA	15" B&B Juniperus horizontalis cvs - Creeping Juniper.....	27.73
32 93 33 00-0370	EA	18" B&B Juniperus horizontalis cvs - Creeping Juniper.....	30.38
32 93 33 00-0371	EA	24" B&B Juniperus horizontalis cvs - Creeping Juniper.....	36.98
32 93 33 00-0372	EA	30" B&B Juniperus horizontalis cvs - Creeping Juniper.....	44.90
32 93 33 00-0373	EA	3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper.....	17.83
32 93 33 00-0374	EA	18" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	21.13
32 93 33 00-0375	EA	24" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	29.06
32 93 33 00-0376	EA	30" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	36.98
32 93 33 00-0377	EA	36" B&B Juniperus procumbens cvs - Japanese Garden Juniper.....	44.90
32 93 33 00-0378	EA	3 Gallon Juniperus sabina cvs - Savin Juniper.....	16.51
32 93 33 00-0379	EA	5 Gallon Juniperus sabina cvs - Savin Juniper.....	19.81
32 93 33 00-0380	EA	4 Gallon Juniperus virginiana cvs - Red Cedar Juniper.....	17.17
32 93 33 00-0381	EA	36" B&B Juniperus virginiana cvs - Red Cedar Juniper.....	33.02
32 93 33 00-0382	EA	48" B&B Juniperus virginiana cvs - Red Cedar Juniper.....	51.51
32 93 33 00-0383	EA	60" B&B Juniperus virginiana cvs - Red Cedar Juniper.....	64.71
32 93 33 00-0384	EA	15" To 18" Kalmia latifolia - Mountain Laurel.....	27.10
32 93 33 00-0385	EA	18" To 24" Kalmia latifolia - Mountain Laurel.....	36.11
32 93 33 00-0386	EA	2' To 3' Kalmia latifolia - Mountain Laurel.....	52.64
32 93 33 00-0387	EA	4' To 5' Kalmia latifolia - Mountain Laurel.....	96.26
32 93 33 00-0388	EA	5' To 6' Kalmia latifolia - Mountain Laurel.....	147.48
32 93 33 00-0389	EA	6' To 8' Kalmia latifolia - Mountain Laurel.....	225.73
32 93 33 00-0390	EA	1 Gallon Kerria japonica - Kerria.....	6.03
32 93 33 00-0391	EA	5 Gallon Kerria japonica - Kerria.....	18.87
32 93 33 00-0392	EA	24" B&B Kolkwitzia amabilis & cvs - Beautybush.....	19.15
32 93 33 00-0393	EA	30" B&B Kolkwitzia amabilis & cvs - Beautybush.....	21.79
32 93 33 00-0394	EA	36" B&B Kolkwitzia amabilis & cvs - Beautybush.....	23.77
32 93 33 00-0395	EA	42" B&B Kolkwitzia amabilis & cvs - Beautybush.....	27.73
32 93 33 00-0396	EA	48" B&B Kolkwitzia amabilis & cvs - Beautybush.....	31.70
32 93 33 00-0397	EA	60" B&B Kolkwitzia amabilis & cvs - Beautybush.....	39.62
32 93 33 00-0398	EA	1 Gallon Lagerstroemia indica - Crepe Myrtle.....	4.54
32 93 33 00-0399	EA	5 Gallon Lagerstroemia indica - Crepe Myrtle.....	16.17
32 93 33 00-0400	EA	3' To 4' Lagerstroemia indica - Crepe Myrtle.....	22.56
32 93 33 00-0401	EA	4' To 5' Lagerstroemia indica - Crepe Myrtle.....	33.13
32 93 33 00-0402	EA	5' To 6' Lagerstroemia indica - Crepe Myrtle.....	52.64
32 93 33 00-0403	EA	7' To 8' Lagerstroemia indica - Crepe Myrtle.....	68.35
32 93 33 00-0404	EA	9' To 10' Lagerstroemia indica - Crepe Myrtle.....	91.13
32 93 33 00-0405	EA	11' To 12' Lagerstroemia indica - Crepe Myrtle.....	189.85
32 93 33 00-0406	EA	1 Gallon Leucothoe axillaris - Coast Leucothoe.....	6.81
32 93 33 00-0407	EA	2 Gallon Leucothoe axillaris - Coast Leucothoe.....	14.90
32 93 33 00-0408	EA	3 Gallon Leucothoe axillaris - Coast Leucothoe.....	17.95
32 93 33 00-0409	EA	1 Gallon Ligustrum lucidum - Glossy Privet.....	4.19
32 93 33 00-0410	EA	5 Gallon Ligustrum lucidum - Glossy Privet.....	12.84
32 93 33 00-0411	EA	15 Gallon Ligustrum lucidum - Glossy Privet.....	60.16
32 93 33 00-0412	EA	1 Gallon Ligustrum sinense - Variegated Chinese Privet.....	4.19
32 93 33 00-0413	EA	2 Gallon Ligustrum sinense - Variegated Chinese Privet.....	9.01
32 93 33 00-0414	EA	3 Gallon Ligustrum sinense - Variegated Chinese Privet.....	11.71
32 93 33 00-0415	EA	36" B&B Ligustrum vulgare & cvs - Common Privet.....	19.81
32 93 33 00-0416	EA	48" B&B Ligustrum vulgare & cvs - Common Privet.....	29.06
32 93 33 00-0417	EA	60" B&B Ligustrum vulgare & cvs - Common Privet.....	36.98
32 93 33 00-0418	EA	72" B&B Ligustrum vulgare & cvs - Common Privet.....	42.26
32 93 33 00-0419	EA	5 Gallon Linder benzoin - Spicebush.....	21.79
32 93 33 00-0420	EA	36" B&B Linder benzoin - Spicebush.....	18.49
32 93 33 00-0421	EA	48" B&B Linder benzoin - Spicebush.....	22.45
32 93 33 00-0422	EA	2' To 3' Lonicera fragrantissima - Winter Honeysuckle.....	36.11
32 93 33 00-0423	EA	3' To 4' Lonicera fragrantissima - Winter Honeysuckle.....	43.63
32 93 33 00-0424	EA	30" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	19.81
32 93 33 00-0425	EA	36" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	23.77
32 93 33 00-0426	EA	42" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	26.41
32 93 33 00-0427	EA	48" B&B Lonicera tatarica & cvs - Tatarian Honeysuckle.....	29.06
32 93 33 00-0428	EA	1 Gallon Myrica cerifera - Wax Myrtle.....	3.80
32 93 33 00-0429	EA	4 Gallon Myrica cerifera - Wax Myrtle.....	12.15
32 93 33 00-0430	EA	7 Gallon Myrica cerifera - Wax Myrtle.....	26.58
32 93 33 00-0431	EA	10 Gallon Myrica cerifera - Wax Myrtle.....	39.49
32 93 33 00-0432	EA	15 Gallon Myrica cerifera - Wax Myrtle.....	60.75
32 93 33 00-0433	EA	45 Gallon Myrica cerifera - Wax Myrtle.....	182.26
32 93 33 00-0434	EA	1' - 2' Myrica cerifera - Wax Myrtle.....	5.32
32 93 33 00-0435	EA	3' - 4' Myrica cerifera - Wax Myrtle.....	18.23
32 93 33 00-0436	EA	5' - 6' Myrica cerifera - Wax Myrtle.....	33.41
32 93 33 00-0437	EA	7' - 8' Myrica cerifera - Wax Myrtle.....	45.56
32 93 33 00-0438	EA	9' - 10' Myrica cerifera - Wax Myrtle.....	60.75
32 93 33 00-0439	EA	11' - 12' Myrica cerifera - Wax Myrtle.....	92.65
32 93 33 00-0440	EA	3 Gallon Myrica pensylvanica - Northern Bayberry.....	19.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0441	EA	24"	B&B Myrica pensylvanica - Northern Bayberry.....	32.36	
32 93 33 00-0442	EA	30"	B&B Myrica pensylvanica - Northern Bayberry.....	47.54	
32 93 33 00-0443	EA	36"	B&B Myrica pensylvanica - Northern Bayberry.....	56.79	
32 93 33 00-0444	EA	48"	B&B Myrica pensylvanica - Northern Bayberry.....	59.43	
32 93 33 00-0445	EA	1 Gallon	Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	4.65	
32 93 33 00-0446	EA	5 Gallon	Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	11.50	
32 93 33 00-0447	EA	15 Gallon	Myoporum laetum 'Carsonii' Multi - Coast Myoporum.....	45.65	
32 93 33 00-0448	EA	1 Gallon	Nandina domestica - Heavenly Bamboo.....	6.81	
32 93 33 00-0449	EA	2 Gallon	Nandina domestica - Heavenly Bamboo.....	14.90	
32 93 33 00-0450	EA	5 Gallon	Nandina domestica - Heavenly Bamboo.....	22.56	
32 93 33 00-0451	EA	15 Gallon	Nerium oleander - Oleander.....	49.95	
32 93 33 00-0452	EA	24"	Box Nerium oleander - Oleander.....	179.50	
32 93 33 00-0453	EA	1 Gallon	Osmanthus fragrans - Fragrant Tea Olive.....	4.19	
32 93 33 00-0454	EA	3 Gallon	Osmanthus fragrans - Fragrant Tea Olive.....	11.35	
32 93 33 00-0455	EA	1 Gallon	Philadelphus - Evergreen Mockorange.....	5.82	
32 93 33 00-0456	EA	5 Gallon	Philadelphus - Evergreen Mockorange.....	18.87	
32 93 33 00-0457	EA	36"	B&B Philadelphus x virginialis & cvs - Mockorange.....	19.81	
32 93 33 00-0458	EA	42"	B&B Philadelphus x virginialis & cvs - Mockorange.....	23.11	
32 93 33 00-0459	EA	48"	B&B Philadelphus x virginialis & cvs - Mockorange.....	26.41	
32 93 33 00-0460	EA	1 Gallon	Photinia fraseri - Red-Tipped Photinia.....	4.65	
32 93 33 00-0461	EA	5 Gallon	Photinia fraseri - Red-Tipped Photinia.....	11.50	
32 93 33 00-0462	EA	15 Gallon	Photinia fraseri - Red-Tipped Photinia.....	45.65	
32 93 33 00-0463	EA	1 Gallon	Phormium tenax - New Zealand Flax.....	4.90	
32 93 33 00-0464	EA	5 Gallon	Phormium tenax - New Zealand Flax.....	11.75	
32 93 33 00-0465	EA	15 Gallon	Phormium tenax - New Zealand Flax.....	49.95	
32 93 33 00-0466	EA	24"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	19.81	
32 93 33 00-0467	EA	30"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	23.11	
32 93 33 00-0468	EA	36"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	26.41	
32 93 33 00-0469	EA	42"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	33.02	
32 93 33 00-0470	EA	48"	B&B Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	39.62	
32 93 33 00-0471	EA	12" To 15"	Spread Pieris - Mountain Andromeda.....	18.23	
32 93 33 00-0472	EA	15" To 18"	Spread Pieris - Mountain Andromeda.....	39.09	
32 93 33 00-0473	EA	12" To 15"	Pieris japonica - Japanese Andromeda.....	23.69	
32 93 33 00-0474	EA	15" To 18"	Pieris japonica - Japanese Andromeda.....	27.10	
32 93 33 00-0475	EA	18" To 24"	Pieris japonica - Japanese Andromeda.....	33.91	
32 93 33 00-0476	EA	2' To 2-1/2'	Pieris japonica - Japanese Andromeda.....	48.17	
32 93 33 00-0477	EA	2-1/2' To 3'	Pieris japonica - Japanese Andromeda.....	57.18	
32 93 33 00-0478	EA	24"	B&B Pinus mugo & cvs - Mugo Pine.....	33.02	
32 93 33 00-0479	EA	30"	B&B Pinus mugo & cvs - Mugo Pine.....	42.26	
32 93 33 00-0480	EA	36"	B&B Pinus mugo & cvs - Mugo Pine.....	50.85	
32 93 33 00-0481	EA	48"	B&B Pinus mugo & cvs - Mugo Pine.....	65.37	
32 93 33 00-0482	EA	60"	B&B Pinus mugo & cvs - Mugo Pine.....	78.58	
32 93 33 00-0483	EA	72"	B&B Pinus mugo & cvs - Mugo Pine.....	114.90	
32 93 33 00-0484	EA	30"	B&B Pinus mugo compacta - Dwarf Mugo Pine.....	71.32	
32 93 33 00-0485	EA	36"	B&B Pinus mugo compacta - Dwarf Mugo Pine.....	85.85	
32 93 33 00-0486	EA	48"	B&B Pinus mugo compacta - Dwarf Mugo Pine.....	114.24	
32 93 33 00-0487	EA	1 Gallon	Pittosporum - Pittosporum.....	2.51	
32 93 33 00-0488	EA	3 Gallon	Pittosporum - Pittosporum.....	6.45	
32 93 33 00-0489	EA	1 Gallon	Pittosporum - Varigated Pittosporum.....	2.51	
32 93 33 00-0490	EA	3 Gallon	Pittosporum - Varigated Pittosporum.....	6.45	
32 93 33 00-0491	EA	5 Gallon	Pittosporum - Varigated Pittosporum.....	11.32	
32 93 33 00-0492	EA	1 Gallon	Pittosporum eugenioides - Lemonwood.....	5.34	
32 93 33 00-0493	EA	5 Gallon	Pittosporum eugenioides - Lemonwood.....	12.65	
32 93 33 00-0494	EA	1 Gallon	Pittosporum tobira - Japanese Pittosporum.....	4.65	
32 93 33 00-0495	EA	5 Gallon	Pittosporum tobira - Japanese Pittosporum.....	11.50	
32 93 33 00-0496	EA	15 Gallon	Pittosporum tobira - Japanese Pittosporum.....	45.65	
32 93 33 00-0497	EA	2 Gallon	Potentilla fruticosa & cvs - Bush Cinquefoil.....	11.23	
32 93 33 00-0498	EA	5 Gallon	Potentilla fruticosa & cvs - Bush Cinquefoil.....	15.85	
32 93 33 00-0499	EA	18"	B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	11.89	
32 93 33 00-0500	EA	24"	B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	13.21	
32 93 33 00-0501	EA	30"	B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	19.15	
32 93 33 00-0502	EA	36"	B&B Potentilla fruticosa & cvs - Bush Cinquefoil.....	22.12	
32 93 33 00-0503	EA	1 Gallon	Prunus caroliniana - Carolina Cherry Laurel.....	4.54	
32 93 33 00-0504	EA	3 Gallon	Prunus caroliniana - Carolina Cherry Laurel.....	11.35	
32 93 33 00-0505	EA	15 Gallon	Prunus caroliniana - Carolina Cherry Laurel.....	67.68	
32 93 33 00-0506	EA	15" To 18"	Prunus laurocerasus - Cherry Laurel.....	17.31	
32 93 33 00-0507	EA	18" To 24"	Prunus laurocerasus - Cherry Laurel.....	21.42	
32 93 33 00-0508	EA	24" To 30"	Prunus laurocerasus - Cherry Laurel.....	27.88	
32 93 33 00-0509	EA	15" To 18"	Prunus triloba - Double White Flowering Almond.....	15.46	
32 93 33 00-0510	EA	18" To 24"	Prunus triloba - Double White Flowering Almond.....	19.79	
32 93 33 00-0511	EA	3' To 4'	Prunus triloba - Double White Flowering Almond.....	31.57	
32 93 33 00-0512	EA	4' To 6'	Prunus triloba - Double White Flowering Almond.....	63.21	
32 93 33 00-0513	EA	5 Gallon	Prunus triloba - Pink Flowering Almond.....	19.01	
32 93 33 00-0514	EA	18" To 24"	Prunus triloba - Pink Flowering Almond.....	21.35	
32 93 33 00-0515	EA	2' To 3'	Prunus triloba - Pink Flowering Almond.....	24.83	
32 93 33 00-0516	EA	2' To 3'	Prunus virginiana - Brilliant Chokeberry.....	16.88	
32 93 33 00-0517	EA	3' To 4'	Prunus virginiana - Brilliant Chokeberry.....	20.71	
32 93 33 00-0518	EA	4' To 5'	Prunus virginiana - Brilliant Chokeberry.....	24.83	
32 93 33 00-0519	EA	5' To 6'	Prunus virginiana - Brilliant Chokeberry.....	28.45	
32 93 33 00-0520	EA	1 Gallon	Punica granatum - Dwarf Pomegranate.....	4.47	
32 93 33 00-0521	EA	3 Gallon	Punica granatum - Dwarf Pomegranate.....	13.20	
32 93 33 00-0522	EA	7 Gallon	Punica granatum - Dwarf Pomegranate.....	27.10	
32 93 33 00-0523	EA	1 Gallon	Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	5.68	
32 93 33 00-0524	EA	5 Gallon	Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	18.87	
32 93 33 00-0525	EA	5 Gallon	Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha.....	39.09	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0526	EA	1 Gallon Ralphialepis indica - Indian Hawthorne	4.54	
32 93 33 00-0527	EA	2 Gallon Ralphialepis indica - Indian Hawthorne	8.65	
32 93 33 00-0528	EA	5 Gallon Ralphialepis indica - Indian Hawthorne	15.39	
32 93 33 00-0529	EA	1 Gallon Rhamnus californica - Coffeeberry	6.90	
32 93 33 00-0530	EA	5 Gallon Rhamnus californica - Coffeeberry	19.73	
32 93 33 00-0531	EA	15 Gallon Rhamnus californica - Coffeeberry	59.22	
32 93 33 00-0532	EA	4' To 5' Rhamnus frangula "Columnaris" - Tallhedge	34.62	
32 93 33 00-0533	EA	5' To 6' Rhamnus frangula "Columnaris" - Tallhedge	47.46	
32 93 33 00-0534	EA	6' To 8' Rhamnus frangula "Columnaris" - Tallhedge	61.72	
32 93 33 00-0535	EA	10' To 12' Rhamnus frangula "Columnaris" - Tallhedge	112.86	
32 93 33 00-0536	EA	1 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	4.95	
32 93 33 00-0537	EA	5 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	11.75	
32 93 33 00-0538	EA	15 Gallon Rhaphiolepis indica 'Ballerina' - Ballerina Indian Hawthorn	49.95	
32 93 33 00-0539	EA	1 Gallon Rhododendron - Azalea Evergreen Hybrids	7.38	
32 93 33 00-0540	EA	2 Gallon Rhododendron - Azalea Evergreen Hybrids	14.90	
32 93 33 00-0541	EA	3 Gallon Rhododendron - Azalea Evergreen Hybrids	19.44	
32 93 33 00-0542	EA	5 Gallon Rhododendron - Azalea Evergreen Hybrids	22.56	
32 93 33 00-0543	EA	15" To 18" Rhododendron - Azalea Evergreen Hybrids	26.39	
32 93 33 00-0544	EA	18" To 24" Rhododendron - Azalea Evergreen Hybrids	33.13	
32 93 33 00-0545	EA	2' To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	48.17	
32 93 33 00-0546	EA	2-1/2' To 3' Rhododendron - Azalea Evergreen Hybrids	67.68	
32 93 33 00-0547	EA	1 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	8.30	
32 93 33 00-0548	EA	2 Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.90	
32 93 33 00-0549	EA	15' To 18' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	25.61	
32 93 33 00-0550	EA	18" To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	33.13	
32 93 33 00-0551	EA	2' To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	48.17	
32 93 33 00-0552	EA	3' To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	70.73	
32 93 33 00-0553	EA	4' To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	94.78	
32 93 33 00-0554	EA	5 Gallon Rhododendron - Boxleaf Azara	18.87	
32 93 33 00-0555	EA	15 Gallon Rhododendron - Boxleaf Azara	67.68	
32 93 33 00-0556	EA	15" To 18" Rhododendron - Carolina Rhododendron	21.35	
32 93 33 00-0557	EA	18" To 24" Rhododendron - Carolina Rhododendron	37.60	
32 93 33 00-0558	EA	24" To 30" Rhododendron - Carolina Rhododendron	55.69	
32 93 33 00-0559	EA	2' To 3' Rhododendron - Five-leafed Azalea	25.33	
32 93 33 00-0560	EA	3' To 4' Rhododendron - Five-leafed Azalea	33.13	
32 93 33 00-0561	EA	4' To 5' Rhododendron - Five-leafed Azalea	43.63	
32 93 33 00-0562	EA	15" To 18" Rhododendron - Ghent Azalea	25.33	
32 93 33 00-0563	EA	18" To 24" Rhododendron - Ghent Azalea	31.57	
32 93 33 00-0564	EA	2' To 3' Rhododendron - Ghent Azalea	51.15	
32 93 33 00-0565	EA	3' To 4' Rhododendron - Ghent Azalea	70.73	
32 93 33 00-0566	EA	4' To 5' Rhododendron - Ghent Azalea	94.78	
32 93 33 00-0567	EA	5' To 6' Rhododendron - Ghent Azalea	126.41	
32 93 33 00-0568	EA	1 Gallon Rhododendron - Hybrid Rhododendron	8.30	
32 93 33 00-0569	EA	2 Gallon Rhododendron - Hybrid Rhododendron	17.95	
32 93 33 00-0570	EA	3 Gallon Rhododendron - Hybrid Rhododendron	25.47	
32 93 33 00-0571	EA	5 Gallon Rhododendron - Hybrid Rhododendron	28.45	
32 93 33 00-0572	EA	15" To 18" Rhododendron - Hybrid Rhododendron	24.05	
32 93 33 00-0573	EA	18" To 24" Rhododendron - Hybrid Rhododendron	33.13	
32 93 33 00-0574	EA	24" To 30" Rhododendron - Hybrid Rhododendron	45.12	
32 93 33 00-0575	EA	30" To 36" Rhododendron - Hybrid Rhododendron	52.64	
32 93 33 00-0576	EA	36" To 42" Rhododendron - Hybrid Rhododendron	75.27	
32 93 33 00-0577	EA	42" To 48" Rhododendron - Hybrid Rhododendron	93.29	
32 93 33 00-0578	EA	15" To 18" Rhododendron - Pjm Rhododendron	27.10	
32 93 33 00-0579	EA	18" To 24" Rhododendron - Pjm Rhododendron	33.13	
32 93 33 00-0580	EA	2' To 2-1/2' Rhododendron - Pjm Rhododendron	48.17	
32 93 33 00-0581	EA	2-1/2' To 3' Rhododendron - Pjm Rhododendron	61.72	
32 93 33 00-0582	EA	3' To 3-1/2' Rhododendron - Pjm Rhododendron	75.27	
32 93 33 00-0583	EA	12" To 15" Rhododendron - Torch Azalea	21.07	
32 93 33 00-0584	EA	15" To 18" Rhododendron - Torch Azalea	25.33	
32 93 33 00-0585	EA	18" To 24" Rhododendron - Torch Azalea	31.57	
32 93 33 00-0586	EA	2' To 3' Rhododendron - Torch Azalea	52.64	
32 93 33 00-0587	EA	3 Gallon Rhododendron cvs - Lepidote Rhododendron	23.77	
32 93 33 00-0588	EA	5 Gallon Rhododendron cvs - Lepidote Rhododendron	29.06	
32 93 33 00-0589	EA	18" B&B Rhododendron cvs - Lepidote Rhododendron	35.66	
32 93 33 00-0590	EA	24" B&B Rhododendron cvs - Lepidote Rhododendron	44.90	
32 93 33 00-0591	EA	30" B&B Rhododendron cvs - Lepidote Rhododendron	52.83	
32 93 33 00-0592	EA	36" B&B Rhododendron cvs - Lepidote Rhododendron	63.39	
32 93 33 00-0593	EA	1 Gallon Rhus glabra - Dwarf Smooth Sumac	6.81	
32 93 33 00-0594	EA	5 Gallon Rhus glabra - Dwarf Smooth Sumac	18.87	
32 93 33 00-0595	EA	2 Gallon Rhus aromatica & cvs - Fragrant Sumac	15.85	
32 93 33 00-0596	EA	5 Gallon Rhus aromatica & cvs - Fragrant Sumac	21.79	
32 93 33 00-0597	EA	18" B&B Rhus aromatica & cvs - Fragrant Sumac	25.09	
32 93 33 00-0598	EA	24" B&B Rhus aromatica & cvs - Fragrant Sumac	33.02	
32 93 33 00-0599	EA	36" B&B Rhus glabra - Smooth Sumac	19.81	
32 93 33 00-0600	EA	48" B&B Rhus typhina & cvs - Staghorn Sumac	33.02	
32 93 33 00-0601	EA	72" B&B Rhus typhina & cvs - Staghorn Sumac	52.83	
32 93 33 00-0602	EA	15" B&B Ribes alpinum & cvs - Alpine Currant	17.83	
32 93 33 00-0603	EA	18" B&B Ribes alpinum & cvs - Alpine Currant	20.47	
32 93 33 00-0604	EA	24" B&B Ribes alpinum & cvs - Alpine Currant	29.72	
32 93 33 00-0605	EA	30" B&B Ribes alpinum & cvs - Alpine Currant	39.62	
32 93 33 00-0606	EA	1 Gallon Rosa hybrids & cvs - Shrub Rose	10.90	
32 93 33 00-0607	EA	2 Gallon Rosa hybrids & cvs - Shrub Rose	13.21	
32 93 33 00-0608	EA	3 Gallon Rosa hybrids & cvs - Shrub Rose	16.51	
32 93 33 00-0609	EA	2 Gallon Rosa rugosa & cvs - Rugosa Rose	11.89	
32 93 33 00-0610	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose	15.19	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0611	EA	5	Gallon Sambucus canadensis - American Elder.....	21.79	
32 93 33 00-0612	EA	1	Gallon Santolina chamaecyparissus - Lavender Cotton.....	4.65	
32 93 33 00-0613	EA	5	Gallon Santolina chamaecyparissus - Lavender Cotton.....	11.50	
32 93 33 00-0614	EA	1	Gallon Santolina rosmarinifolia - Green Lavender Cotton.....	4.65	
32 93 33 00-0615	EA	5	Gallon Santolina rosmarinifolia - Green Lavender Cotton.....	11.50	
32 93 33 00-0616	EA	2	Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	9.79	
32 93 33 00-0617	EA	3	Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	14.33	
32 93 33 00-0618	EA	1	Gallon Sarcococca humilis - Fragrant Sarcococca.....	5.32	
32 93 33 00-0619	EA	5	Gallon Sarcococca humilis - Fragrant Sarcococca.....	13.90	
32 93 33 00-0620	EA	5	Gallon Senna artemisioides - Feathery Cassia.....	12.84	
32 93 33 00-0621	EA	15	Gallon Senna artemisioides - Feathery Cassia.....	51.11	
32 93 33 00-0622	EA	24"	Box Senna artemisioides - Feathery Cassia.....	160.54	
32 93 33 00-0623	EA	1	Gallon Skimmia japonica - Japanese Skimmia.....	6.81	
32 93 33 00-0624	EA	2	Gallon Skimmia japonica - Japanese Skimmia.....	13.55	
32 93 33 00-0625	EA	5	Gallon Skimmia japonica - Japanese Skimmia.....	21.85	
32 93 33 00-0626	EA	1	Gallon Sollya fusiformis - Bluebell Creeper.....	4.65	
32 93 33 00-0627	EA	5	Gallon Sollya fusiformis - Bluebell Creeper.....	11.50	
32 93 33 00-0628	EA	3'	To 4' Spiraea - Garland Spiraea.....	31.57	
32 93 33 00-0629	EA	4'	To 5' Spiraea - Garland Spiraea.....	48.17	
32 93 33 00-0630	EA	5	Gallon Spiraea - Snowmound Spiraea.....	18.87	
32 93 33 00-0631	EA	18"	To 24" Spiraea - Snowmound Spiraea.....	15.46	
32 93 33 00-0632	EA	2'	To 3' Spiraea - Snowmound Spiraea.....	21.85	
32 93 33 00-0633	EA	3'	To 4' Spiraea - Snowmound Spiraea.....	25.33	
32 93 33 00-0634	EA	4'	To 5' Spiraea - Snowmound Spiraea.....	43.63	
32 93 33 00-0635	EA	1	Gallon Spiraea japonica & cvs - Japanese Spiraea.....	6.81	
32 93 33 00-0636	EA	2	Gallon Spiraea japonica & cvs - Japanese Spiraea.....	13.41	
32 93 33 00-0637	EA	3	Gallon Spiraea japonica & cvs - Japanese Spiraea.....	15.52	
32 93 33 00-0638	EA	5	Gallon Spiraea japonica & cvs - Japanese Spiraea.....	16.84	
32 93 33 00-0639	EA	18"	B&B Spiraea japonica & cvs - Japanese Spiraea.....	17.17	
32 93 33 00-0640	EA	24"	B&B Spiraea japonica & cvs - Japanese Spiraea.....	19.81	
32 93 33 00-0641	EA	30"	B&B Spiraea japonica & cvs - Japanese Spiraea.....	22.45	
32 93 33 00-0642	EA	36"	B&B Spiraea japonica & cvs - Japanese Spiraea.....	26.08	
32 93 33 00-0643	EA	2	Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	10.57	
32 93 33 00-0644	EA	5	Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	15.85	
32 93 33 00-0645	EA	18"	B&B Spiraea nipponica & cvs - Nippon Spiraea.....	14.53	
32 93 33 00-0646	EA	24"	B&B Spiraea nipponica & cvs - Nippon Spiraea.....	17.17	
32 93 33 00-0647	EA	30"	B&B Spiraea nipponica & cvs - Nippon Spiraea.....	19.81	
32 93 33 00-0648	EA	36"	B&B Spiraea nipponica & cvs - Nippon Spiraea.....	22.45	
32 93 33 00-0649	EA	48"	B&B Spiraea nipponica & cvs - Nippon Spiraea.....	29.06	
32 93 33 00-0650	EA	1	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	6.81	
32 93 33 00-0651	EA	2	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	12.22	
32 93 33 00-0652	EA	4	Gallon Spiraea x bumalda & cvs - Bumalda Spiraea.....	15.85	
32 93 33 00-0653	EA	18"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	13.87	
32 93 33 00-0654	EA	24"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	16.84	
32 93 33 00-0655	EA	30"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	19.81	
32 93 33 00-0656	EA	36"	B&B Spiraea x bumalda & cvs - Bumalda Spiraea.....	22.45	
32 93 33 00-0657	EA	5	Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	15.85	
32 93 33 00-0658	EA	18"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	15.85	
32 93 33 00-0659	EA	24"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	18.49	
32 93 33 00-0660	EA	30"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	25.09	
32 93 33 00-0661	EA	36"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	29.06	
32 93 33 00-0662	EA	42"	B&B Spiraea x vanhouttei & cvs - Vanhoutte Spiraea.....	34.34	
32 93 33 00-0663	EA	5	Gallon Staphylea trifolia - Bladdernut.....	22.29	
32 93 33 00-0664	EA	2	Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra.....	15.85	
32 93 33 00-0665	EA	5	Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra.....	17.17	
32 93 33 00-0666	EA	24"	B&B Stephanandra incisa & cvs - Cutleaf Stephanadra.....	19.81	
32 93 33 00-0667	EA	30"	B&B Stephanandra incisa & cvs - Cutleaf Stephanadra.....	23.77	
32 93 33 00-0668	EA	2	Gallon Symphoricarpos albus - Common Snowberry.....	16.51	
32 93 33 00-0669	EA	5	Gallon Symphoricarpos albus - Common Snowberry.....	17.50	
32 93 33 00-0670	EA	24"	B&B Syringa meyeri & cvs - Meyer Lilac.....	29.06	
32 93 33 00-0671	EA	30"	B&B Syringa meyeri & cvs - Meyer Lilac.....	36.32	
32 93 33 00-0672	EA	36"	B&B Syringa meyeri & cvs - Meyer Lilac.....	42.26	
32 93 33 00-0673	EA	42"	B&B Syringa meyeri & cvs - Meyer Lilac.....	48.87	
32 93 33 00-0674	EA	18"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	29.06	
32 93 33 00-0675	EA	24"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	31.70	
32 93 33 00-0676	EA	30"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	36.32	
32 93 33 00-0677	EA	36"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	42.26	
32 93 33 00-0678	EA	42"	B&B Syringa patula 'Miss Kim' - Miss Kim Lilac.....	48.87	
32 93 33 00-0679	EA	60"	B&B Syringa villosa & cvs - Late Lilac.....	23.11	
32 93 33 00-0680	EA	72"	B&B Syringa villosa & cvs - Late Lilac.....	25.09	
32 93 33 00-0681	EA	36"	B&B Syringa vulgaris & cvs - Common Lilac.....	19.81	
32 93 33 00-0682	EA	42"	B&B Syringa vulgaris & cvs - Common Lilac.....	22.45	
32 93 33 00-0683	EA	48"	B&B Syringa vulgaris & cvs - Common Lilac.....	25.09	
32 93 33 00-0684	EA	60"	B&B Syringa vulgaris & cvs - Common Lilac.....	29.06	
32 93 33 00-0685	EA	72"	B&B Syringa vulgaris & cvs - Common Lilac.....	35.66	
32 93 33 00-0686	EA	5	Gallon Syringa x chinensis & cvs - Chinese Lilac.....	16.51	
32 93 33 00-0687	EA	36"	B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	19.15	
32 93 33 00-0688	EA	48"	B&B Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	25.09	
32 93 33 00-0689	EA	48"	B&B Taxus cuspidata capitata - Capitata Japanese Yew.....	105.00	
32 93 33 00-0690	EA	54"	B&B Taxus cuspidata capitata - Capitata Japanese Yew.....	117.54	
32 93 33 00-0691	EA	60"	B&B Taxus cuspidata capitata - Capitata Japanese Yew.....	129.43	
32 93 33 00-0692	EA	72"	B&B Taxus cuspidata capitata - Capitata Japanese Yew.....	155.84	
32 93 33 00-0693	EA	18"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew.....	27.73	
32 93 33 00-0694	EA	24"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew.....	36.32	
32 93 33 00-0695	EA	30"	B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew.....	42.26	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0696	EA		36" B&B Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	46.22	
32 93 33 00-0697	EA		15" B&B Taxus x media & cvs - Anglojap Yew	27.73	
32 93 33 00-0698	EA		18" B&B Taxus x media & cvs - Anglojap Yew	36.32	
32 93 33 00-0699	EA		24" B&B Taxus x media & cvs - Anglojap Yew	42.92	
32 93 33 00-0700	EA		30" B&B Taxus x media & cvs - Anglojap Yew	50.85	
32 93 33 00-0701	EA		36" B&B Taxus x media & cvs - Anglojap Yew	76.60	
32 93 33 00-0702	EA		36" B&B Thuja occidentalis & cvs - Upright Arborvitae	42.26	
32 93 33 00-0703	EA		48" B&B Thuja occidentalis & cvs - Upright Arborvitae	56.79	
32 93 33 00-0704	EA		60" B&B Thuja occidentalis & cvs - Upright Arborvitae	85.85	
32 93 33 00-0705	EA		72" B&B Thuja occidentalis & cvs - Upright Arborvitae	125.47	
32 93 33 00-0706	EA		84" B&B Thuja occidentalis & cvs - Upright Arborvitae	143.96	
32 93 33 00-0707	EA		96" B&B Thuja occidentalis & cvs - Upright Arborvitae	167.07	
32 93 33 00-0708	EA		15" B&B Thuja occidentalis cvs - Dwarf Arborvitae	18.49	
32 93 33 00-0709	EA		18" B&B Thuja occidentalis cvs - Dwarf Arborvitae	25.75	
32 93 33 00-0710	EA		24" B&B Thuja occidentalis cvs - Dwarf Arborvitae	36.32	
32 93 33 00-0711	EA		3' To 4' Viburnum dilatatum - Linden Viburnum	31.57	
32 93 33 00-0712	EA		4' To 5' Viburnum dilatatum - Linden Viburnum	48.17	
32 93 33 00-0713	EA		5' To 6' Viburnum dilatatum - Linden Viburnum	63.21	
32 93 33 00-0714	EA		1 Gallon Viburnum japonicum - Japanese Viburnum	3.83	
32 93 33 00-0715	EA		3 Gallon Viburnum japonicum - Japanese Viburnum	10.50	
32 93 33 00-0716	EA		5 Gallon Viburnum plicatum - Japanese Snowball	18.87	
32 93 33 00-0717	EA		5' To 6' Viburnum plicatum - Japanese Snowball	70.73	
32 93 33 00-0718	EA		2' To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	33.13	
32 93 33 00-0719	EA		3' To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	39.09	
32 93 33 00-0720	EA		4' To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	54.98	
32 93 33 00-0721	EA		30" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	36.32	
32 93 33 00-0722	EA		36" B&B Viburnum burkwoodii & cvs - Burkwood Viburnum	43.58	
32 93 33 00-0723	EA		24" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	33.02	
32 93 33 00-0724	EA		30" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	39.62	
32 93 33 00-0725	EA		36" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	46.22	
32 93 33 00-0726	EA		42" B&B Viburnum carlesii & cvs - Korean Spice Viburnum	52.83	
32 93 33 00-0727	EA		1 Gallon Viburnum davidii - David Viburnum	4.65	
32 93 33 00-0728	EA		5 Gallon Viburnum davidii - David Viburnum	11.50	
32 93 33 00-0729	EA		36" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	18.49	
32 93 33 00-0730	EA		42" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	19.81	
32 93 33 00-0731	EA		48" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	23.11	
32 93 33 00-0732	EA		60" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	26.41	
32 93 33 00-0733	EA		72" B&B Viburnum dentatum & cvs - Arrowwood Viburnum	29.06	
32 93 33 00-0734	EA		30" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	17.83	
32 93 33 00-0735	EA		36" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	19.81	
32 93 33 00-0736	EA		42" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	25.09	
32 93 33 00-0737	EA		48" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	29.06	
32 93 33 00-0738	EA		60" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	39.62	
32 93 33 00-0739	EA		72" B&B Viburnum lantana & cvs - Wayfaringtree Viburnum	47.54	
32 93 33 00-0740	EA		36" B&B Viburnum lentago & cvs - Nannyberry Viburnum	19.81	
32 93 33 00-0741	EA		48" B&B Viburnum lentago & cvs - Nannyberry Viburnum	26.41	
32 93 33 00-0742	EA		5' B&B Viburnum lentago & cvs - Nannyberry Viburnum	33.02	
32 93 33 00-0743	EA		6' B&B Viburnum lentago & cvs - Nannyberry Viburnum	46.22	
32 93 33 00-0744	EA		7' B&B Viburnum lentago & cvs - Nannyberry Viburnum	66.03	
32 93 33 00-0745	EA		8' B&B Viburnum lentago & cvs - Nannyberry Viburnum	92.45	
32 93 33 00-0746	EA		9' B&B Viburnum lentago & cvs - Nannyberry Viburnum	118.86	
32 93 33 00-0747	EA		30" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	23.77	
32 93 33 00-0748	EA		36" B&B Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	26.41	
32 93 33 00-0749	EA		36" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	47.54	
32 93 33 00-0750	EA		48" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	72.64	
32 93 33 00-0751	EA		60" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	92.45	
32 93 33 00-0752	EA		72" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	112.26	
32 93 33 00-0753	EA		84" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	138.67	
32 93 33 00-0754	EA		96" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	165.09	
32 93 33 00-0755	EA		108" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	198.10	
32 93 33 00-0756	EA		120" B&B Viburnum prunifolium & cvs - Blackhaw Viburnum	231.12	
32 93 33 00-0757	EA		30" B&B Viburnum sargentii & cvs - Sargent Viburnum	20.14	
32 93 33 00-0758	EA		36" B&B Viburnum sargentii & cvs - Sargent Viburnum	22.12	
32 93 33 00-0759	EA		48" B&B Viburnum sargentii & cvs - Sargent Viburnum	25.09	
32 93 33 00-0760	EA		60" B&B Viburnum sargentii & cvs - Sargent Viburnum	29.06	
32 93 33 00-0761	EA		72" B&B Viburnum sargentii & cvs - Sargent Viburnum	33.35	
32 93 33 00-0762	EA		18" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	19.15	
32 93 33 00-0763	EA		24" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	23.11	
32 93 33 00-0764	EA		30" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	27.73	
32 93 33 00-0765	EA		36" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	31.70	
32 93 33 00-0766	EA		42" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	38.30	
32 93 33 00-0767	EA		48" B&B Viburnum trilobum & cvs - American Cranberry Viburnum	42.26	
32 93 33 00-0768	EA		30" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	33.02	
32 93 33 00-0769	EA		36" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	39.62	
32 93 33 00-0770	EA		42" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	46.22	
32 93 33 00-0771	EA		48" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	52.83	
32 93 33 00-0772	EA		60" B&B Viburnum x carlcephalum & cvs - Fragrant Viburnum	59.43	
32 93 33 00-0773	EA		30" B&B Viburnum x juddii & cvs - Judd Viburnum	42.26	
32 93 33 00-0774	EA		36" B&B Viburnum x juddii & cvs - Judd Viburnum	47.54	
32 93 33 00-0775	EA		42" B&B Viburnum x juddii & cvs - Judd Viburnum	54.15	
32 93 33 00-0776	EA		48" B&B Viburnum x juddii & cvs - Judd Viburnum	62.07	
32 93 33 00-0777	EA		2' To 3' Viburnum opulus "Roseum" - Fragrant Snowball	39.09	
32 93 33 00-0778	EA		3' To 4' Viburnum opulus "Roseum" - Fragrant Snowball	48.17	
32 93 33 00-0779	EA		4' To 5' Viburnum opulus "Roseum" - Fragrant Snowball	70.73	
32 93 33 00-0780	EA		5 Gallon Weigela florida & cvs - Old Fashioned Weigela	21.79	

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

32 93 33 00-0781	EA	24"	B&B Weigela florida & cvs - Old Fashioned Weigela.....	19.81	
32 93 33 00-0782	EA	30"	B&B Weigela florida & cvs - Old Fashioned Weigela.....	22.45	
32 93 33 00-0783	EA	36"	B&B Weigela florida & cvs - Old Fashioned Weigela.....	25.09	
32 93 33 00-0784	EA	42"	B&B Weigela florida & cvs - Old Fashioned Weigela.....	29.06	
32 93 33 00-0785	EA	48"	B&B Weigela florida & cvs - Old Fashioned Weigela.....	33.02	
32 93 33 00-0786	EA	1 Gallon	Xylosma congestum - Shiny Xylosma.....	4.54	
32 93 33 00-0787	EA	5 Gallon	Xylosma congestum - Shiny Xylosma.....	12.84	
32 93 33 00-0788	EA	15 Gallon	Xylosma congestum - Shiny Xylosma.....	56.47	
32 93 33 00-0789	EA	1 Gallon	Yucca aloifolia - Spanish Bayonet.....	3.83	
32 93 33 00-0790	EA	3 Gallon	Yucca aloifolia - Spanish Bayonet.....	10.14	
32 93 33 00-0791	EA	1 Gallon	Yucca filamentosa - Adams Needle.....	5.32	
32 93 33 00-0792	EA	3 Gallon	Yucca filamentosa - Adams Needle.....	10.36	
32 93 33 00-0793	EA	5 Gallon	Yucca filamentosa - Adams Needle.....	16.39	
32 93 33 00-0794	EA	5 Gallon	Border Forsythia - Goldenbells.....	18.23	
32 93 33 00-0795	EA	2' To 3'	Border Forsythia - Goldenbells.....	15.04	
32 93 33 00-0796	EA	3' To 4'	Border Forsythia - Goldenbells.....	19.01	
32 93 33 00-0797	EA	4' To 5'	Border Forsythia - Goldenbells.....	23.69	
32 93 33 00-0798	EA	5' To 6'	Border Forsythia - Goldenbells.....	28.45	
32 93 33 00-0799	EA	6' To 8'	Border Forsythia - Goldenbells.....	39.09	
32 93 33 00-0800	EA	3'	Juniperus chinensis - Columnar Chinese Juniper.....	38.73	
32 93 33 00-0801	EA	4'	Juniperus chinensis - Columnar Chinese Juniper.....	53.16	
32 93 33 00-0802	EA	5'	Juniperus chinensis - Columnar Chinese Juniper.....	83.53	
32 93 33 00-0803	EA	6'	Juniperus chinensis - Columnar Chinese Juniper.....	97.20	
32 93 33 00-0804	EA	7'	Juniperus chinensis - Columnar Chinese Juniper.....	127.58	
32 93 33 00-0805	EA	2 Gallon	Chrysobalanus icaco - Cocoplum Red Tip.....	7.59	
32 93 33 00-0806	EA	3 Gallon	Chrysobalanus icaco - Cocoplum Red Tip.....	10.63	
32 93 33 00-0807	EA	5 Gallon	Chrysobalanus icaco - Cocoplum Red Tip.....	25.74	
32 93 33 00-0808	EA	2 Gallon	Chrysobalanus icaco - Cocoplum Green Tip.....	7.59	
32 93 33 00-0809	EA	3 Gallon	Chrysobalanus icaco - Cocoplum Green Tip.....	10.63	

32 93 43 Trees (32 93)

Note: (cvs = cultivar) materials only.

32 93 43 00-0001
Ornamental Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6'	Clump Form Acer ginnala & cvs - Amur Maple.....	117.80	
32 93 43 00-0003	EA	7'	Clump Form Acer ginnala & cvs - Amur Maple.....	143.98	
32 93 43 00-0004	EA	8'	Clump Form Acer ginnala & cvs - Amur Maple.....	163.61	
32 93 43 00-0005	EA	10'	Clump Form Acer ginnala & cvs - Amur Maple.....	189.79	
32 93 43 00-0006	EA	12'	Clump Form Acer ginnala & cvs - Amur Maple.....	215.96	
32 93 43 00-0007	EA	14'	Clump Form Acer ginnala & cvs - Amur Maple.....	255.23	
32 93 43 00-0008	EA	1-1/2" To 2"	Caliper Acer griseum - Paperbark Maple.....	341.30	
32 93 43 00-0009	EA	2" To 2-1/2"	Caliper Acer griseum - Paperbark Maple.....	418.84	
32 93 43 00-0010	EA	2-1/2" To 3"	Caliper Acer griseum - Paperbark Maple.....	523.55	
32 93 43 00-0011	EA	5'	Clump Form Acer griseum - Paperbark Maple.....	104.71	
32 93 43 00-0012	EA	1-1/2"	Caliper Aesculus glabra - Ohio Buckeye.....	261.77	
32 93 43 00-0013	EA	2"	Caliper Aesculus glabra - Ohio Buckeye.....	340.31	
32 93 43 00-0014	EA	2-1/2"	Caliper Aesculus glabra - Ohio Buckeye.....	392.66	
32 93 43 00-0015	EA	3"	Caliper Aesculus glabra - Ohio Buckeye.....	445.02	
32 93 43 00-0016	EA	3-1/2"	Caliper Aesculus glabra - Ohio Buckeye.....	523.55	
32 93 43 00-0017	EA	36"	B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	52.83	
32 93 43 00-0018	EA	48"	B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	66.03	
32 93 43 00-0019	EA	60"	B&B Amelanchier alnifolia & cvs - Saskatoon Serviceberry.....	81.88	
32 93 43 00-0020	EA	60"	B&B Amelanchier arborea & cvs - Downy Serviceberry.....	66.03	
32 93 43 00-0021	EA	72"	B&B Amelanchier arborea & cvs - Downy Serviceberry.....	79.24	
32 93 43 00-0022	EA	7"	B&B Amelanchier arborea & cvs - Downy Serviceberry.....	92.45	
32 93 43 00-0023	EA	8"	B&B Amelanchier arborea & cvs - Downy Serviceberry.....	105.66	
32 93 43 00-0024	EA	5'	B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	118.86	
32 93 43 00-0025	EA	6'	B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	132.07	
32 93 43 00-0026	EA	7'	B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	151.88	
32 93 43 00-0027	EA	8'	B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	171.69	
32 93 43 00-0028	EA	9'	B&B Amelanchier canadensis & cvs - Shadblow Serviceberry.....	198.10	
32 93 43 00-0029	EA	1-1/2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry.....	130.89	
32 93 43 00-0030	EA	2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry.....	183.24	
32 93 43 00-0031	EA	2-1/2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry.....	196.33	
32 93 43 00-0032	EA	3"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry.....	229.05	
32 93 43 00-0033	EA	6'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	163.61	
32 93 43 00-0034	EA	7'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	196.33	
32 93 43 00-0035	EA	8'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	229.05	
32 93 43 00-0036	EA	10'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	261.77	
32 93 43 00-0037	EA	12'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	294.50	
32 93 43 00-0038	EA	14'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry.....	327.22	
32 93 43 00-0039	EA	7'	B&B Amelanchier laevis & cvs - Allegheny Serviceberry.....	151.88	
32 93 43 00-0040	EA	8'	B&B Amelanchier laevis & cvs - Allegheny Serviceberry.....	178.29	
32 93 43 00-0041	EA	9'	B&B Amelanchier laevis & cvs - Allegheny Serviceberry.....	204.71	
32 93 43 00-0042	EA	10'	B&B Amelanchier laevis & cvs - Allegheny Serviceberry.....	224.52	
32 93 43 00-0043	EA	30"	B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	52.83	
32 93 43 00-0044	EA	48"	B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	112.26	
32 93 43 00-0045	EA	60"	B&B Amelanchier stolonifera & cvs - Running Serviceberry.....	145.28	
32 93 43 00-0046	EA	2' To 4'	Amelemchier - Juneberry.....	16.08	
32 93 43 00-0047	EA	4' To 5'	Amelemchier - Juneberry.....	16.87	
32 93 43 00-0048	EA	5' To 6'	Amelemchier - Juneberry.....	20.08	
32 93 43 00-0049	EA	6' To 8'	Amelemchier - Juneberry.....	23.96	
32 93 43 00-0050	EA	3'	Clump Form Asimina triloba - Paw-Paw.....	91.62	

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0051	EA	4'	Clump Form Asimina triloba - Paw-Paw	104.71	
32 93 43 00-0052	EA	5'	Clump Form Asimina triloba - Paw-Paw	143.98	
32 93 43 00-0053	EA	1-1/2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood	196.33	
32 93 43 00-0054	EA	2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood	229.05	
32 93 43 00-0055	EA	2-1/2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood	294.50	
32 93 43 00-0056	EA	5'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	117.80	
32 93 43 00-0057	EA	6'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	143.98	
32 93 43 00-0058	EA	7'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	196.33	
32 93 43 00-0059	EA	8'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	229.05	
32 93 43 00-0060	EA	10'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	274.86	
32 93 43 00-0061	EA	12'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	333.76	
32 93 43 00-0062	EA	14'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood	379.57	
32 93 43 00-0063	EA	6'	Cercis - American Redbud	73.30	
32 93 43 00-0064	EA	8'	Cercis - American Redbud	100.85	
32 93 43 00-0065	EA	2-1/2"	Caliper Cercis - American Redbud	207.72	
32 93 43 00-0066	EA	3"	Caliper Cercis - American Redbud	252.87	
32 93 43 00-0067	EA	15	Gallon Cercis canadensis & cvs - Eastern Redbud	63.98	
32 93 43 00-0068	EA	20	Gallon Cercis canadensis & cvs - Eastern Redbud	79.98	
32 93 43 00-0069	EA	6'	Clump Form Cercis canadensis & cvs - Eastern Redbud	157.06	
32 93 43 00-0070	EA	7'	Clump Form Cercis canadensis & cvs - Eastern Redbud	215.96	
32 93 43 00-0071	EA	8'	Clump Form Cercis canadensis & cvs - Eastern Redbud	274.86	
32 93 43 00-0072	EA	1-1/2"	Caliper Cercis canadensis & cvs - Eastern Redbud	150.52	
32 93 43 00-0073	EA	2"	Caliper Cercis canadensis & cvs - Eastern Redbud	176.70	
32 93 43 00-0074	EA	5'	To 6' Chaenomeles - Orange Quince	41.34	
32 93 43 00-0075	EA	6'	To 8' Chaenomeles - Orange Quince	51.68	
32 93 43 00-0076	EA	5'	Clump Form Chionanthus virginicus - White Fringetree	130.89	
32 93 43 00-0077	EA	6'	Clump Form Chionanthus virginicus - White Fringetree	163.61	
32 93 43 00-0078	EA	7'	Clump Form Chionanthus virginicus - White Fringetree	209.42	
32 93 43 00-0079	EA	4'	To 5' Cornus - Pink Or Red Flowering Dogwood	47.25	
32 93 43 00-0080	EA	5'	To 6' Cornus - Pink Or Red Flowering Dogwood	59.06	
32 93 43 00-0081	EA	6'	To 7' Cornus - Pink Or Red Flowering Dogwood	82.68	
32 93 43 00-0082	EA	7'	To 8' Cornus - Pink Or Red Flowering Dogwood	106.31	
32 93 43 00-0083	EA	4'	To 5' Cornus - White Flowering Dogwood	31.50	
32 93 43 00-0084	EA	5'	To 6' Cornus - White Flowering Dogwood	47.25	
32 93 43 00-0085	EA	6'	To 7' Cornus - White Flowering Dogwood	66.15	
32 93 43 00-0086	EA	3'	To 4' Cornus kousa - Japanese Dogwood	31.50	
32 93 43 00-0087	EA	4'	To 5' Cornus kousa - Japanese Dogwood	36.22	
32 93 43 00-0088	EA	5'	To 6' Cornus kousa - Japanese Dogwood	47.25	
32 93 43 00-0089	EA	6'	To 8' Cornus kousa - Japanese Dogwood	69.30	
32 93 43 00-0090	EA	8'	To 10' Cornus kousa - Japanese Dogwood	94.49	
32 93 43 00-0091	EA	1-1/2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood	150.52	
32 93 43 00-0092	EA	2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood	183.24	
32 93 43 00-0093	EA	4'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	71.99	
32 93 43 00-0094	EA	5'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	91.62	
32 93 43 00-0095	EA	6'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	104.71	
32 93 43 00-0096	EA	7'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	117.80	
32 93 43 00-0097	EA	8'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood	143.98	
32 93 43 00-0098	EA	4'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood	71.99	
32 93 43 00-0099	EA	5'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood	91.62	
32 93 43 00-0100	EA	6'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood	111.25	
32 93 43 00-0101	EA	7'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood	130.89	
32 93 43 00-0102	EA	8'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood	183.24	
32 93 43 00-0103	EA	1-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood	163.61	
32 93 43 00-0104	EA	2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood	196.33	
32 93 43 00-0105	EA	2-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood	229.05	
32 93 43 00-0106	EA	1-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0107	EA	2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	163.61	
32 93 43 00-0108	EA	2-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	202.87	
32 93 43 00-0109	EA	3"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0110	EA	3-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	261.77	
32 93 43 00-0111	EA	4"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0112	EA	6'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	130.89	
32 93 43 00-0113	EA	7'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	157.06	
32 93 43 00-0114	EA	8'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	183.24	
32 93 43 00-0115	EA	10'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	229.05	
32 93 43 00-0116	EA	12'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn	294.50	
32 93 43 00-0117	EA	1-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	104.71	
32 93 43 00-0118	EA	2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	117.80	
32 93 43 00-0119	EA	2-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0120	EA	3"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	150.52	
32 93 43 00-0121	EA	3-1/2"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	196.33	
32 93 43 00-0122	EA	4"	Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn	222.51	
32 93 43 00-0123	EA	6'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	91.62	
32 93 43 00-0124	EA	7'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	111.25	
32 93 43 00-0125	EA	8'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	130.89	
32 93 43 00-0126	EA	10'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	163.61	
32 93 43 00-0127	EA	12'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	202.87	
32 93 43 00-0128	EA	14'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	242.14	
32 93 43 00-0129	EA	16'	Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn	281.41	
32 93 43 00-0130	EA	1-1/2"	Caliper Crataegus viridis - Winter King Hawthorn	104.71	
32 93 43 00-0131	EA	2"	Caliper Crataegus viridis - Winter King Hawthorn	117.80	
32 93 43 00-0132	EA	2-1/2"	Caliper Crataegus viridis - Winter King Hawthorn	163.61	
32 93 43 00-0133	EA	3"	Caliper Crataegus viridis - Winter King Hawthorn	215.96	
32 93 43 00-0134	EA	6'	Clump Form Crataegus viridis - Winter King Hawthorn	98.17	
32 93 43 00-0135	EA	7'	Clump Form Crataegus viridis - Winter King Hawthorn	130.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0136	EA	8'	Clump Form Crataegus viridis - Winter King Hawthorn.....	163.61	
32 93 43 00-0137	EA	10'	Clump Form Crataegus viridis - Winter King Hawthorn.....	196.33	
32 93 43 00-0138	EA	4'	Clump Form Hamamelis virginiana - Common Witchhazel.....	65.44	
32 93 43 00-0139	EA	5'	Clump Form Hamamelis virginiana - Common Witchhazel.....	85.08	
32 93 43 00-0140	EA	6'	Clump Form Hamamelis virginiana - Common Witchhazel.....	104.71	
32 93 43 00-0141	EA	7'	Clump Form Hamamelis virginiana - Common Witchhazel.....	143.98	
32 93 43 00-0142	EA	8'	Clump Form Hamamelis virginiana - Common Witchhazel.....	196.33	
32 93 43 00-0143	EA	1	Gallon Ilex Cassine - Casine Holly (Dahoon).....	3.76	
32 93 43 00-0144	EA	5	Gallon Ilex Cassine - Casine Holly (Dahoon).....	12.04	
32 93 43 00-0145	EA	4'	To 5' Ilex Cassine - Casine Holly (Dahoon).....	20.70	
32 93 43 00-0146	EA	6'	To 7' Ilex Cassine - Casine Holly (Dahoon).....	39.51	
32 93 43 00-0147	EA	8'	To 9' Ilex Cassine - Casine Holly (Dahoon).....	52.68	
32 93 43 00-0148	EA	10'	To 12' Ilex Cassine - Casine Holly (Dahoon).....	67.73	
32 93 43 00-0149	EA	2'	To 3' Magnolia Virginiana - Sweetbay Magnolia.....	24.80	
32 93 43 00-0150	EA	3'	To 4' Magnolia Virginiana - Sweetbay Magnolia.....	37.21	
32 93 43 00-0151	EA	4'	To 5' Magnolia Virginiana - Sweetbay Magnolia.....	46.51	
32 93 43 00-0152	EA	5'	To 6' Magnolia Virginiana - Sweetbay Magnolia.....	57.93	
32 93 43 00-0153	EA	4'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	98.17	
32 93 43 00-0154	EA	5'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	130.89	
32 93 43 00-0155	EA	6'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	170.15	
32 93 43 00-0156	EA	7'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	189.79	
32 93 43 00-0157	EA	9'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	255.23	
32 93 43 00-0158	EA	8'	Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	229.05	
32 93 43 00-0159	EA	4'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	98.17	
32 93 43 00-0160	EA	5'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	130.89	
32 93 43 00-0161	EA	6'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	170.15	
32 93 43 00-0162	EA	7'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	189.79	
32 93 43 00-0163	EA	8'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	229.05	
32 93 43 00-0164	EA	9'	Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia.....	255.23	
32 93 43 00-0165	EA	4'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	98.17	
32 93 43 00-0166	EA	5'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	130.89	
32 93 43 00-0167	EA	6'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	170.15	
32 93 43 00-0168	EA	7'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	189.79	
32 93 43 00-0169	EA	8'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	229.05	
32 93 43 00-0170	EA	9'	Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia.....	255.23	
32 93 43 00-0171	EA	4'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	98.17	
32 93 43 00-0172	EA	5'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	130.89	
32 93 43 00-0173	EA	6'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	170.15	
32 93 43 00-0174	EA	7'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	189.79	
32 93 43 00-0175	EA	8'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	229.05	
32 93 43 00-0176	EA	9'	Clump Form Magnolia soulangiana & cvs - Saucer Magnolia.....	255.23	
32 93 43 00-0177	EA	4'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	98.17	
32 93 43 00-0178	EA	5'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	130.89	
32 93 43 00-0179	EA	6'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	170.15	
32 93 43 00-0180	EA	7'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	189.79	
32 93 43 00-0181	EA	8'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	229.05	
32 93 43 00-0182	EA	9'	Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia.....	255.23	
32 93 43 00-0183	EA	5	Gallon Malus - Crabapple.....	26.58	
32 93 43 00-0184	EA	15	Gallon Malus - Crabapple.....	67.77	
32 93 43 00-0185	EA	20	Gallon Malus - Crabapple.....	79.73	
32 93 43 00-0186	EA	1-1/2"	Caliper Malus cvs - Crabapple Varieties.....	78.53	
32 93 43 00-0187	EA	2"	Caliper Malus cvs - Crabapple Varieties.....	104.71	
32 93 43 00-0188	EA	2-1/2"	Caliper Malus cvs - Crabapple Varieties.....	130.89	
32 93 43 00-0189	EA	3"	Caliper Malus cvs - Crabapple Varieties.....	157.06	
32 93 43 00-0190	EA	3-1/2"	Caliper Malus cvs - Crabapple Varieties.....	183.24	
32 93 43 00-0191	EA	4"	Caliper Malus cvs - Crabapple Varieties.....	209.42	
32 93 43 00-0192	EA	6'	Clump Form Malus cvs - Crabapple Varieties.....	117.80	
32 93 43 00-0193	EA	7'	Clump Form Malus cvs - Crabapple Varieties.....	130.89	
32 93 43 00-0194	EA	8'	Clump Form Malus cvs - Crabapple Varieties.....	163.61	
32 93 43 00-0195	EA	10'	Clump Form Malus cvs - Crabapple Varieties.....	183.24	
32 93 43 00-0196	EA	12'	Clump Form Malus cvs - Crabapple Varieties.....	235.60	
32 93 43 00-0197	EA	1-1/2"	Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars.....	130.89	
32 93 43 00-0198	EA	2"	Caliper Malus dwarf cvs - Dwarf Crabapple Cultivars.....	163.61	
32 93 43 00-0199	EA	4'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	98.17	
32 93 43 00-0200	EA	5'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	124.34	
32 93 43 00-0201	EA	6'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	150.52	
32 93 43 00-0202	EA	7'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	170.15	
32 93 43 00-0203	EA	8'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	189.79	
32 93 43 00-0204	EA	9'	Clump Form Malus dwarf cvs - Dwarf Crabapple.....	209.42	
32 93 43 00-0205	EA	4'	To 5' Oxydendrum arboreum - Sourwood.....	60.04	
32 93 43 00-0206	EA	5'	To 6' Oxydendrum arboreum - Sourwood.....	75.05	
32 93 43 00-0207	EA	6'	To 7' Oxydendrum arboreum - Sourwood.....	90.06	
32 93 43 00-0208	EA	7'	To 8' Oxydendrum arboreum - Sourwood.....	105.08	
32 93 43 00-0209	EA	1	Gallon Platanus racemosa, Multi Trunk - Western Sycamore.....	8.15	
32 93 43 00-0210	EA	5	Gallon Platanus racemosa, Multi Trunk - Western Sycamore.....	34.52	
32 93 43 00-0211	EA	20	Gallon Prunus subhirtella - Flowering Cherry.....	92.03	
32 93 43 00-0212	EA	1-1/2"	To 2" Caliper Prunus subhirtella - Flowering Cherry.....	95.13	
32 93 43 00-0213	EA	2"	To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	118.90	
32 93 43 00-0214	EA	3-1/2"	To 4" Caliper Prunus subhirtella - Flowering Cherry.....	248.14	
32 93 43 00-0215	EA	3"	To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	191.25	
32 93 43 00-0216	EA	4"	To 5" Caliper Prunus subhirtella - Flowering Cherry.....	372.22	
32 93 43 00-0217	EA	4'	To 6' Prunus - Pigeon Plum.....	37.63	
32 93 43 00-0218	EA	8'	To 10' Prunus - Pigeon Plum.....	127.94	
32 93 43 00-0219	EA	10'	To 12' Prunus - Pigeon Plum.....	162.56	
32 93 43 00-0220	EA	14'	To 16' Prunus - Pigeon Plum.....	255.88	

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0221	EA	5 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	23.77	
32 93 43 00-0222	EA	15 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	65.11	
32 93 43 00-0223	EA	20 Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	84.80	
32 93 43 00-0224	EA	5' To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	26.87	
32 93 43 00-0225	EA	6' To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	51.68	
32 93 43 00-0226	EA	1-1/2" To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	95.13	
32 93 43 00-0227	EA	2" To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum	113.74	
32 93 43 00-0228	EA	1-1/2" To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry	74.46	
32 93 43 00-0229	EA	1-1/4" To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry	62.01	
32 93 43 00-0230	EA	1-3/4" To 2" Caliper Prunus subhirtella - Weeping Cherry	90.95	
32 93 43 00-0231	EA	2" To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry	108.57	
32 93 43 00-0232	EA	2-1/2" To 3" Caliper Prunus subhirtella - Weeping Cherry	139.58	
32 93 43 00-0233	EA	6' To 8' Prunus yedoensis - Yoshino Cherry	53.79	
32 93 43 00-0234	EA	1-1/2" To 2" Caliper Prunus yedoensis - Yoshino Cherry	82.73	
32 93 43 00-0235	EA	2" To 2-1/2" Caliper Prunus yedoensis - Yoshino Cherry	101.29	
32 93 43 00-0236	EA	2-1/2" To 3" Caliper Prunus yedoensis - Yoshino Cherry	129.24	
32 93 43 00-0237	EA	15 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	71.85	
32 93 43 00-0238	EA	20 Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear	89.82	
32 93 43 00-0239	EA	1-1/2" To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	93.41	
32 93 43 00-0240	EA	2" To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	111.37	
32 93 43 00-0241	EA	2-1/2" To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	150.89	
32 93 43 00-0242	EA	3" To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	197.60	
32 93 43 00-0243	EA	3-1/2" To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear	251.49	
32 93 43 00-0244	EA	15 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	71.85	
32 93 43 00-0245	EA	20 Gallon Pyrus Calleryana x "Bradford" - Flowering Pear	89.82	
32 93 43 00-0246	EA	1-1/2" To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	61.08	
32 93 43 00-0247	EA	2" To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	93.41	
32 93 43 00-0248	EA	2-1/2" To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	111.28	
32 93 43 00-0249	EA	3" To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	150.89	
32 93 43 00-0250	EA	3-1/2" To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear	197.60	
32 93 43 00-0251	EA	1-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	130.89	
32 93 43 00-0252	EA	2" Caliper Pyrus calleryana & cvs - Callery Pear	163.61	
32 93 43 00-0253	EA	2-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	202.87	
32 93 43 00-0254	EA	3" Caliper Pyrus calleryana & cvs - Callery Pear	229.05	
32 93 43 00-0255	EA	3-1/2" Caliper Pyrus calleryana & cvs - Callery Pear	255.23	
32 93 43 00-0256	EA	4" Caliper Pyrus calleryana & cvs - Callery Pear	327.22	
32 93 43 00-0257	EA	1 Gallon Ribes aureum - Golden Currant	7.13	
32 93 43 00-0258	EA	5 Gallon Ribes aureum - Golden Currant	20.40	
32 93 43 00-0259	EA	1 Gallon Ribes sanguineum - Red Flowering Currant	7.13	
32 93 43 00-0260	EA	5 Gallon Ribes sanguineum - Red Flowering Currant	20.40	
32 93 43 00-0261	EA	1 Gallon Ribes viburnifolium - Evergreen Currant	7.13	
32 93 43 00-0262	EA	5 Gallon Ribes viburnifolium - Evergreen Currant	20.40	
32 93 43 00-0263	EA	1-3/4" Caliper Sophora japonica - Japanese Pagoda	174.99	
32 93 43 00-0264	EA	2" Caliper Sophora japonica - Japanese Pagoda	196.86	
32 93 43 00-0265	EA	2-1/2" Caliper Sophora japonica - Japanese Pagoda	229.67	
32 93 43 00-0266	EA	3" Caliper Sophora japonica - Japanese Pagoda	335.92	
32 93 43 00-0267	EA	3-1/2" Caliper Sophora japonica - Japanese Pagoda	507.78	
32 93 43 00-0268	EA	1-1/2" Caliper Sorbus alnifolia - Korean Mountainash	130.89	
32 93 43 00-0269	EA	2" Caliper Sorbus alnifolia - Korean Mountainash	163.61	
32 93 43 00-0270	EA	2-1/2" Caliper Sorbus alnifolia - Korean Mountainash	202.87	
32 93 43 00-0271	EA	3" Caliper Sorbus alnifolia - Korean Mountainash	248.69	
32 93 43 00-0272	EA	3-1/2" Caliper Sorbus alnifolia - Korean Mountainash	301.04	
32 93 43 00-0273	EA	4" Caliper Sorbus alnifolia - Korean Mountainash	359.94	
32 93 43 00-0274	EA	1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	170.15	
32 93 43 00-0275	EA	2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	183.24	
32 93 43 00-0276	EA	2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac	222.51	
32 93 43 00-0277	EA	4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	104.71	
32 93 43 00-0278	EA	5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	124.34	
32 93 43 00-0279	EA	6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	143.98	
32 93 43 00-0280	EA	7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	163.61	
32 93 43 00-0281	EA	8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	189.79	
32 93 43 00-0282	EA	10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	242.14	
32 93 43 00-0283	EA	12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	274.86	
32 93 43 00-0284	EA	14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac	314.13	
32 93 43 00-0285	EA	5 Gallon Celtis Sinensis - Chinese Hackberry	22.00	
32 93 43 00-0286	EA	15 Gallon Celtis Sinensis - Chinese Hackberry	58.00	
32 93 43 00-0287	EA	24" Box Celtis Sinensis - Chinese Hackberry	190.00	
32 93 43 00-0288	EA	36" Box Celtis Sinensis - Chinese Hackberry	555.00	
32 93 43 00-0289	EA	5 Gallon Crataegus phaenopyrum - Washington Hawthorn	22.00	
32 93 43 00-0290	EA	15 Gallon Crataegus phaenopyrum - Washington Hawthorn	58.00	
32 93 43 00-0291	EA	24" Box Crataegus phaenopyrum - Washington Hawthorn	190.00	
32 93 43 00-0292	EA	36" Box Crataegus phaenopyrum - Washington Hawthorn	555.00	
32 93 43 00-0293	EA	1 Gallon Eucalyptus ficifolia - Red-Flowering Gum	6.50	
32 93 43 00-0294	EA	5 Gallon Eucalyptus ficifolia - Red-Flowering Gum	18.00	
32 93 43 00-0295	EA	15 Gallon Eucalyptus ficifolia - Red-Flowering Gum	79.00	
32 93 43 00-0296	EA	24" Box Eucalyptus ficifolia - Red-Flowering Gum	190.00	
32 93 43 00-0297	EA	36" Box Eucalyptus ficifolia - Red-Flowering Gum	500.00	
32 93 43 00-0298	EA	15 Gallon Fraxinus velutina 'Raywood' - Fan-Tex Ash	49.00	
32 93 43 00-0299	EA	24" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	160.00	
32 93 43 00-0300	EA	36" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	425.00	
32 93 43 00-0301	EA	48" Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	950.00	
32 93 43 00-0302	EA	5 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	14.00	
32 93 43 00-0303	EA	15 Gallon Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	49.00	
32 93 43 00-0304	EA	24" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	160.00	
32 93 43 00-0305	EA	36" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	425.00	

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 43 00-0306	EA	48" Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	950.00
32 93 43 00-0307	EA	5 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	14.00
32 93 43 00-0308	EA	15 Gallon Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	59.00
32 93 43 00-0309	EA	24" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	160.00
32 93 43 00-0310	EA	36" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	450.00
32 93 43 00-0311	EA	48" Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	1,150.00
32 93 43 00-0312	EA	5 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	14.00
32 93 43 00-0313	EA	15 Gallon Liquidambar styraciflua 'Festival' - Festival Sweetgum	59.00
32 93 43 00-0314	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	160.00
32 93 43 00-0315	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	450.00
32 93 43 00-0316	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum	1,150.00
32 93 43 00-0317	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	14.00
32 93 43 00-0318	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	59.00
32 93 43 00-0319	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	160.00
32 93 43 00-0320	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	450.00
32 93 43 00-0321	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum	1,150.00
32 93 43 00-0322	EA	1 Gallon Pittosporum undulatum - Victorian Box	4.50
32 93 43 00-0323	EA	5 Gallon Pittosporum undulatum - Victorian Box	14.00
32 93 43 00-0324	EA	15 Gallon Pittosporum undulatum - Victorian Box	59.00
32 93 43 00-0325	EA	24" Box Pittosporum undulatum - Victorian Box	160.00
32 93 43 00-0326	EA	36" Box Pittosporum undulatum - Victorian Box	450.00
32 93 43 00-0327	EA	48" Box Pittosporum undulatum - Victorian Box	1,150.00
32 93 43 00-0328	EA	15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	49.95
32 93 43 00-0329	EA	24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum	179.95

32 93 43 00-0330
Shade Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0331	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple	292.02
32 93 43 00-0332	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple	357.96
32 93 43 00-0333	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple	466.29
32 93 43 00-0334	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple	604.45
32 93 43 00-0335	EA	2' To 2-1/2' Acer palmatum - Japanese Maple	30.80
32 93 43 00-0336	EA	4' To 5' Acer palmatum - Japanese Maple	64.68
32 93 43 00-0337	EA	5' To 6' Acer palmatum - Japanese Maple	84.70
32 93 43 00-0338	EA	6' To 7' Acer palmatum - Japanese Maple	154.00
32 93 43 00-0339	EA	7' To 8' Acer palmatum - Japanese Maple	215.60
32 93 43 00-0340	EA	8' To 10' Acer palmatum - Japanese Maple	277.21
32 93 43 00-0341	EA	10' To 12' Acer palmatum - Japanese Maple	369.61
32 93 43 00-0342	EA	2" Caliper Acer platanoides & cvs - Norway Maple	157.00
32 93 43 00-0343	EA	2" Caliper Acer platanoides & cvs - Norway Maple	191.13
32 93 43 00-0344	EA	3" Caliper Acer platanoides & cvs - Norway Maple	245.74
32 93 43 00-0345	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple	286.70
32 93 43 00-0346	EA	4" Caliper Acer platanoides & cvs - Norway Maple	307.17
32 93 43 00-0347	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple	334.48
32 93 43 00-0348	EA	5" Caliper Acer platanoides & cvs - Norway Maple	375.43
32 93 43 00-0349	EA	2" Caliper Acer rubrum & cvs - Red Maple	150.17
32 93 43 00-0350	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple	191.13
32 93 43 00-0351	EA	3" Caliper Acer rubrum & cvs - Red Maple	245.74
32 93 43 00-0352	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple	300.35
32 93 43 00-0353	EA	4" Caliper Acer rubrum & cvs - Red Maple	341.30
32 93 43 00-0354	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple	395.91
32 93 43 00-0355	EA	5" Caliper Acer rubrum & cvs - Red Maple	443.70
32 93 43 00-0356	EA	8' Clump Form Acer rubrum & cvs - Red Maple	184.30
32 93 43 00-0357	EA	10' Clump Form Acer rubrum & cvs - Red Maple	245.74
32 93 43 00-0358	EA	12' Clump Form Acer rubrum & cvs - Red Maple	286.70
32 93 43 00-0359	EA	14' Clump Form Acer rubrum & cvs - Red Maple	327.65
32 93 43 00-0360	EA	16' Clump Form Acer rubrum & cvs - Red Maple	368.61
32 93 43 00-0361	EA	18' Clump Form Acer rubrum & cvs - Red Maple	409.57
32 93 43 00-0362	EA	2" Caliper Acer saccharinum & cvs - Silver Maple	122.87
32 93 43 00-0363	EA	2-1/2" Caliper Acer saccharinum & cvs - Silver Maple	163.83
32 93 43 00-0364	EA	3" Caliper Acer saccharinum & cvs - Silver Maple	204.78
32 93 43 00-0365	EA	3-1/2" Caliper Acer saccharinum & cvs - Silver Maple	245.74
32 93 43 00-0366	EA	4" Caliper Acer saccharinum & cvs - Silver Maple	286.70
32 93 43 00-0367	EA	4-1/2" Caliper Acer saccharinum & cvs - Silver Maple	327.65
32 93 43 00-0368	EA	5" Caliper Acer saccharinum & cvs - Silver Maple	368.61
32 93 43 00-0369	EA	2" Caliper Acer saccharum & cvs - Sugar Maple	150.17
32 93 43 00-0370	EA	2-1/2" Caliper Acer saccharum & cvs - Sugar Maple	197.96
32 93 43 00-0371	EA	3" Caliper Acer saccharum & cvs - Sugar Maple	238.91
32 93 43 00-0372	EA	3-1/2" Caliper Acer saccharum & cvs - Sugar Maple	273.04
32 93 43 00-0373	EA	4" Caliper Acer saccharum & cvs - Sugar Maple	320.83
32 93 43 00-0374	EA	4-1/2" Caliper Acer saccharum & cvs - Sugar Maple	368.61
32 93 43 00-0375	EA	5" Caliper Acer saccharum & cvs - Sugar Maple	409.57
32 93 43 00-0376	EA	10' Clump Form Acer saccharum & cvs - Sugar Maple	273.04
32 93 43 00-0377	EA	12' Clump Form Acer saccharum & cvs - Sugar Maple	320.83
32 93 43 00-0378	EA	14' Clump Form Acer saccharum & cvs - Sugar Maple	375.43
32 93 43 00-0379	EA	16' Clump Form Acer saccharum & cvs - Sugar Maple	416.39
32 93 43 00-0380	EA	18' Clump Form Acer saccharum & cvs - Sugar Maple	505.13
32 93 43 00-0381	EA	20' Clump Form Acer saccharum & cvs - Sugar Maple	546.09
32 93 43 00-0382	EA	2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	170.65
32 93 43 00-0383	EA	2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	211.61
32 93 43 00-0384	EA	3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	259.39
32 93 43 00-0385	EA	3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	300.35
32 93 43 00-0386	EA	4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	327.65
32 93 43 00-0387	EA	4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple	361.78

32 Exterior Improvements

32 90 Planting

32 93 Plants

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0388	EA	5' Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	402.74	
32 93 43 00-0389	EA	10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	245.74	
32 93 43 00-0390	EA	12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	324.92	
32 93 43 00-0391	EA	14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	378.17	
32 93 43 00-0392	EA	16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	416.39	
32 93 43 00-0393	EA	18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	505.13	
32 93 43 00-0394	EA	20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	546.09	
32 93 43 00-0395	EA	2' Caliper Aesculus glabra - Ohio Buckeye.....	184.30	
32 93 43 00-0396	EA	2-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	218.43	
32 93 43 00-0397	EA	3" Caliper Aesculus glabra - Ohio Buckeye.....	259.39	
32 93 43 00-0398	EA	3-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	286.70	
32 93 43 00-0399	EA	4" Caliper Aesculus glabra - Ohio Buckeye.....	314.00	
32 93 43 00-0400	EA	4-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	354.96	
32 93 43 00-0401	EA	5" Caliper Aesculus glabra - Ohio Buckeye.....	409.57	
32 93 43 00-0402	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	238.91	
32 93 43 00-0403	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	266.22	
32 93 43 00-0404	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	300.35	
32 93 43 00-0405	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	341.30	
32 93 43 00-0406	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	409.57	
32 93 43 00-0407	EA	2" Caliper Aesculus x carnea - Red Horsechestnut.....	238.91	
32 93 43 00-0408	EA	2-1/2" Caliper Aesculus x carnea - Red Horsechestnut.....	266.22	
32 93 43 00-0409	EA	3" Caliper Aesculus x carnea - Red Horsechestnut.....	300.35	
32 93 43 00-0410	EA	3-1/2" Caliper Aesculus x carnea - Red Horsechestnut.....	341.30	
32 93 43 00-0411	EA	4" Caliper Aesculus x carnea - Red Horsechestnut.....	409.57	
32 93 43 00-0412	EA	2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	170.65	
32 93 43 00-0413	EA	2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	197.96	
32 93 43 00-0414	EA	3" Caliper Alnus glutinosa - Common Alder, Black Alder.....	225.26	
32 93 43 00-0415	EA	3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder.....	259.39	
32 93 43 00-0416	EA	8' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	177.48	
32 93 43 00-0417	EA	10' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	218.43	
32 93 43 00-0418	EA	12' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	245.74	
32 93 43 00-0419	EA	14' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	273.04	
32 93 43 00-0420	EA	16' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	307.17	
32 93 43 00-0421	EA	18' Clump Form Alnus glutinosa - Common Alder, Black Alder.....	341.30	
32 93 43 00-0422	EA	2" Caliper Betula nigra - River Birch.....	170.65	
32 93 43 00-0423	EA	2-1/2" Caliper Betula nigra - River Birch.....	193.25	
32 93 43 00-0424	EA	3" Caliper Betula nigra - River Birch.....	218.43	
32 93 43 00-0425	EA	3-1/2" Caliper Betula nigra - River Birch.....	273.04	
32 93 43 00-0426	EA	4" Caliper Betula nigra - River Birch.....	307.17	
32 93 43 00-0427	EA	4-1/2" Caliper Betula nigra - River Birch.....	341.30	
32 93 43 00-0428	EA	5" Caliper Betula nigra - River Birch.....	375.43	
32 93 43 00-0429	EA	8' Clump Form Betula nigra - River Birch.....	157.00	
32 93 43 00-0430	EA	10' Clump Form Betula nigra - River Birch.....	177.48	
32 93 43 00-0431	EA	12' Clump Form Betula nigra - River Birch.....	204.78	
32 93 43 00-0432	EA	14' Clump Form Betula nigra - River Birch.....	238.91	
32 93 43 00-0433	EA	16' Clump Form Betula nigra - River Birch.....	273.04	
32 93 43 00-0434	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	204.78	
32 93 43 00-0435	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	245.74	
32 93 43 00-0436	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	286.70	
32 93 43 00-0437	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	341.30	
32 93 43 00-0438	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	354.96	
32 93 43 00-0439	EA	10' - 12' Bursera Simaruba - Gumbo Limbo.....	86.35	
32 93 43 00-0440	EA	12' - 14' Bursera Simaruba - Gumbo Limbo.....	102.05	
32 93 43 00-0441	EA	14' - 16' Bursera Simaruba - Gumbo Limbo.....	141.30	
32 93 43 00-0442	EA	17' - 18' Bursera Simaruba - Gumbo Limbo.....	183.69	
32 93 43 00-0443	EA	19' - 20' Bursera Simaruba - Gumbo Limbo.....	204.10	
32 93 43 00-0444	EA	21' - 22' Bursera Simaruba - Gumbo Limbo.....	241.78	
32 93 43 00-0445	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam.....	273.04	
32 93 43 00-0446	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	307.17	
32 93 43 00-0447	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam.....	354.96	
32 93 43 00-0448	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	430.04	
32 93 43 00-0449	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam.....	122.87	
32 93 43 00-0450	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam.....	170.65	
32 93 43 00-0451	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam.....	211.61	
32 93 43 00-0452	EA	2" Caliper Catalpa speciosa - Northern Catalpa.....	150.17	
32 93 43 00-0453	EA	2-1/2" Caliper Catalpa speciosa - Northern Catalpa.....	204.78	
32 93 43 00-0454	EA	3" Caliper Catalpa speciosa - Northern Catalpa.....	266.22	
32 93 43 00-0455	EA	3-1/2" Caliper Catalpa speciosa - Northern Catalpa.....	320.83	
32 93 43 00-0456	EA	4" Caliper Catalpa speciosa - Northern Catalpa.....	368.61	
32 93 43 00-0457	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry.....	191.13	
32 93 43 00-0458	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry.....	218.43	
32 93 43 00-0459	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry.....	266.22	
32 93 43 00-0460	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry.....	314.00	
32 93 43 00-0461	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry.....	361.78	
32 93 43 00-0462	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry.....	409.57	
32 93 43 00-0463	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree.....	238.91	
32 93 43 00-0464	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree.....	273.04	
32 93 43 00-0465	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree.....	320.83	
32 93 43 00-0466	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree.....	382.26	
32 93 43 00-0467	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree.....	191.13	
32 93 43 00-0468	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree.....	225.26	
32 93 43 00-0469	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree.....	273.04	
32 93 43 00-0470	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree.....	341.30	
32 93 43 00-0471	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree.....	409.57	
32 93 43 00-0472	EA	2" Caliper Cladrastus lutea - American Yellowwood.....	341.30	

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

32 93 43 00-0473	EA	2-1/2"	Caliper Cladrastus lutea - American Yellowwood.....	409.57	
32 93 43 00-0474	EA	3"	Caliper Cladrastus lutea - American Yellowwood.....	477.83	
32 93 43 00-0475	EA	3-1/2"	Caliper Cladrastus lutea - American Yellowwood.....	546.09	
32 93 43 00-0476	EA	2"	Caliper Corylus colurna - Turkish Filbert.....	211.61	
32 93 43 00-0477	EA	2-1/2"	Caliper Corylus colurna - Turkish Filbert.....	238.91	
32 93 43 00-0478	EA	3"	Caliper Corylus colurna - Turkish Filbert.....	273.04	
32 93 43 00-0479	EA	3-1/2"	Caliper Corylus colurna - Turkish Filbert.....	314.00	
32 93 43 00-0480	EA	4"	Caliper Corylus colurna - Turkish Filbert.....	375.43	
32 93 43 00-0481	EA	4-1/2"	Caliper Corylus colurna - Turkish Filbert.....	436.87	
32 93 43 00-0482	EA	5"	Caliper Corylus colurna - Turkish Filbert.....	498.30	
32 93 43 00-0483	EA	8'	Clump Form Corylus colurna - Turkish Filbert.....	191.13	
32 93 43 00-0484	EA	10'	Clump Form Corylus colurna - Turkish Filbert.....	232.09	
32 93 43 00-0485	EA	12'	Clump Form Corylus colurna - Turkish Filbert.....	273.04	
32 93 43 00-0486	EA	14'	Clump Form Corylus colurna - Turkish Filbert.....	307.17	
32 93 43 00-0487	EA	16'	Clump Form Corylus colurna - Turkish Filbert.....	341.30	
32 93 43 00-0488	EA	1-1/2"	Caliper Diospyros virginiana - Common Persimmon.....	122.87	
32 93 43 00-0489	EA	2"	Caliper Diospyros virginiana - Common Persimmon.....	150.17	
32 93 43 00-0490	EA	2-1/2"	Caliper Diospyros virginiana - Common Persimmon.....	191.13	
32 93 43 00-0491	EA	3"	Caliper Diospyros virginiana - Common Persimmon.....	238.91	
32 93 43 00-0492	EA	3-1/2"	Caliper Diospyros virginiana - Common Persimmon.....	286.70	
32 93 43 00-0493	EA	1-1/2"	Caliper Fagus grandifolia - American Beech.....	273.04	
32 93 43 00-0494	EA	2"	Caliper Fagus grandifolia - American Beech.....	354.96	
32 93 43 00-0495	EA	2-1/2"	Caliper Fagus grandifolia - American Beech.....	450.52	
32 93 43 00-0496	EA	3"	Caliper Fagus grandifolia - American Beech.....	546.09	
32 93 43 00-0497	EA	3-1/2"	Caliper Fagus grandifolia - American Beech.....	648.48	
32 93 43 00-0498	EA	2"	Caliper Fagus sylvatica & cvs - European Beech.....	307.17	
32 93 43 00-0499	EA	2-1/2"	Caliper Fagus sylvatica & cvs - European Beech.....	368.61	
32 93 43 00-0500	EA	3"	Caliper Fagus sylvatica & cvs - European Beech.....	443.70	
32 93 43 00-0501	EA	3-1/2"	Caliper Fagus sylvatica & cvs - European Beech.....	491.48	
32 93 43 00-0502	EA	4"	Caliper Fagus sylvatica & cvs - European Beech.....	580.22	
32 93 43 00-0503	EA	4-1/2"	Caliper Fagus sylvatica & cvs - European Beech.....	750.87	
32 93 43 00-0504	EA	5"	Caliper Fagus sylvatica & cvs - European Beech.....	887.39	
32 93 43 00-0505	EA	2"	Caliper Fraxinus americana & cvs - White Ash.....	170.65	
32 93 43 00-0506	EA	2-1/2"	Caliper Fraxinus americana & cvs - White Ash.....	204.78	
32 93 43 00-0507	EA	3"	Caliper Fraxinus americana & cvs - White Ash.....	259.39	
32 93 43 00-0508	EA	3-1/2"	Caliper Fraxinus americana & cvs - White Ash.....	314.00	
32 93 43 00-0509	EA	4"	Caliper Fraxinus americana & cvs - White Ash.....	368.61	
32 93 43 00-0510	EA	4-1/2"	Caliper Fraxinus americana & cvs - White Ash.....	409.57	
32 93 43 00-0511	EA	5"	Caliper Fraxinus americana & cvs - White Ash.....	477.83	
32 93 43 00-0512	EA	2"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	150.17	
32 93 43 00-0513	EA	2-1/2"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	177.48	
32 93 43 00-0514	EA	3"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	238.91	
32 93 43 00-0515	EA	3-1/2"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	286.70	
32 93 43 00-0516	EA	4"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	341.30	
32 93 43 00-0517	EA	4-1/2"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	368.61	
32 93 43 00-0518	EA	5"	Caliper Fraxinus pennsylvanica & cvs - Green Ash.....	409.57	
32 93 43 00-0519	EA	1-1/2"	Caliper Fraxinus quadrangulata - Blue Ash.....	204.78	
32 93 43 00-0520	EA	2"	Caliper Fraxinus quadrangulata - Blue Ash.....	252.57	
32 93 43 00-0521	EA	2-1/2"	Caliper Fraxinus quadrangulata - Blue Ash.....	307.17	
32 93 43 00-0522	EA	3"	Caliper Fraxinus quadrangulata - Blue Ash.....	375.43	
32 93 43 00-0523	EA	3-1/2"	Caliper Fraxinus quadrangulata - Blue Ash.....	443.70	
32 93 43 00-0524	EA	1-1/2"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	238.91	
32 93 43 00-0525	EA	2"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	266.22	
32 93 43 00-0526	EA	2-1/2"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	300.35	
32 93 43 00-0527	EA	3"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	334.48	
32 93 43 00-0528	EA	3-1/2"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	375.43	
32 93 43 00-0529	EA	4"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	409.57	
32 93 43 00-0530	EA	4-1/2"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	614.35	
32 93 43 00-0531	EA	5"	Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	682.61	
32 93 43 00-0532	EA	2"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	163.83	
32 93 43 00-0533	EA	2-1/2"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	204.78	
32 93 43 00-0534	EA	3"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	245.74	
32 93 43 00-0535	EA	3-1/2"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	286.70	
32 93 43 00-0536	EA	4"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	327.65	
32 93 43 00-0537	EA	4-1/2"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	368.61	
32 93 43 00-0538	EA	5"	Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	436.87	
32 93 43 00-0539	EA	2"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	211.61	
32 93 43 00-0540	EA	2-1/2"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	259.39	
32 93 43 00-0541	EA	3"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	307.17	
32 93 43 00-0542	EA	3-1/2"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	361.78	
32 93 43 00-0543	EA	4"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	409.57	
32 93 43 00-0544	EA	4-1/2"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	457.35	
32 93 43 00-0545	EA	5"	Caliper Gymnocladus dioicus - Kentucky Coffeetree.....	511.96	
32 93 43 00-0546	EA	1-1/2"	Caliper Juglans cinerea - Butternut.....	163.83	
32 93 43 00-0547	EA	2"	Caliper Juglans cinerea - Butternut.....	191.13	
32 93 43 00-0548	EA	2-1/2"	Caliper Juglans cinerea - Butternut.....	238.91	
32 93 43 00-0549	EA	3"	Caliper Juglans cinerea - Butternut.....	300.35	
32 93 43 00-0550	EA	3-1/2"	Caliper Juglans cinerea - Butternut.....	368.61	
32 93 43 00-0551	EA	1-1/2"	Caliper Juglans nigra - Black Walnut.....	163.83	
32 93 43 00-0552	EA	2"	Caliper Juglans nigra - Black Walnut.....	191.13	
32 93 43 00-0553	EA	2-1/2"	Caliper Juglans nigra - Black Walnut.....	238.91	
32 93 43 00-0554	EA	3"	Caliper Juglans nigra - Black Walnut.....	300.35	
32 93 43 00-0555	EA	3-1/2"	Caliper Juglans nigra - Black Walnut.....	368.61	
32 93 43 00-0556	EA	4"	Caliper Juglans nigra - Black Walnut.....	443.70	
32 93 43 00-0557	EA	4-1/2"	Caliper Juglans nigra - Black Walnut.....	511.96	

32 Exterior Improvements

32 90 Planting

32 93 Plants



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0558	EA	5" Caliper Juglans nigra - Black Walnut.....	580.22	
32 93 43 00-0559	EA	5 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	18.48	
32 93 43 00-0560	EA	15 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	46.20	
32 93 43 00-0561	EA	20 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	92.40	
32 93 43 00-0562	EA	55 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	120.12	
32 93 43 00-0563	EA	1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	87.78	
32 93 43 00-0564	EA	2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	106.26	
32 93 43 00-0565	EA	2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	147.84	
32 93 43 00-0566	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	218.43	
32 93 43 00-0567	EA	2" Caliper Liquidambar styraciflua - American Sweetgum.....	273.04	
32 93 43 00-0568	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	341.30	
32 93 43 00-0569	EA	3" Caliper Liquidambar styraciflua - American Sweetgum.....	409.57	
32 93 43 00-0570	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	477.83	
32 93 43 00-0571	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	218.43	
32 93 43 00-0572	EA	2" Caliper Liriodendron tulipifera - Tulip Tree.....	300.35	
32 93 43 00-0573	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	354.96	
32 93 43 00-0574	EA	3" Caliper Liriodendron tulipifera - Tulip Tree.....	409.57	
32 93 43 00-0575	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	464.17	
32 93 43 00-0576	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree.....	163.83	
32 93 43 00-0577	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree.....	293.52	
32 93 43 00-0578	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree.....	354.96	
32 93 43 00-0579	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	218.43	
32 93 43 00-0580	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	273.04	
32 93 43 00-0581	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	341.30	
32 93 43 00-0582	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	409.57	
32 93 43 00-0583	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	477.83	
32 93 43 00-0584	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	95.57	
32 93 43 00-0585	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	109.22	
32 93 43 00-0586	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	129.70	
32 93 43 00-0587	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	163.83	
32 93 43 00-0588	EA	8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	204.78	
32 93 43 00-0589	EA	2" Caliber Ostrya virginiana - American Hophornbeam.....	177.48	
32 93 43 00-0590	EA	2-1/2" Caliber Ostrya virginiana - American Hophornbeam.....	225.26	
32 93 43 00-0591	EA	3" Caliber Ostrya virginiana - American Hophornbeam.....	273.04	
32 93 43 00-0592	EA	3-1/2" Caliber Ostrya virginiana - American Hophornbeam.....	320.83	
32 93 43 00-0593	EA	4" Caliber Ostrya virginiana - American Hophornbeam.....	389.09	
32 93 43 00-0594	EA	2" Caliber Phellodendron amurense - Amur Corktree.....	136.52	
32 93 43 00-0595	EA	2-1/2" Caliber Phellodendron amurense - Amur Corktree.....	170.65	
32 93 43 00-0596	EA	3" Caliber Phellodendron amurense - Amur Corktree.....	204.78	
32 93 43 00-0597	EA	3-1/2" Caliber Phellodendron amurense - Amur Corktree.....	238.91	
32 93 43 00-0598	EA	4" Caliber Phellodendron amurense - Amur Corktree.....	273.04	
32 93 43 00-0599	EA	4-1/2" Caliber Phellodendron amurense - Amur Corktree.....	307.17	
32 93 43 00-0600	EA	5" Caliber Phellodendron amurense - Amur Corktree.....	341.30	
32 93 43 00-0601	EA	30" Box Platanus Occidentalis - Buttonwood Sycamore.....	296.56	
32 93 43 00-0602	EA	36" Box Platanus Occidentalis - Buttonwood Sycamore.....	431.36	
32 93 43 00-0603	EA	42" Box Platanus occidentalis - Buttonwood Sycamore.....	641.68	
32 93 43 00-0604	EA	1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	99.23	
32 93 43 00-0605	EA	2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	118.63	
32 93 43 00-0606	EA	2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore.....	161.76	
32 93 43 00-0607	EA	3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	196.30	
32 93 43 00-0608	EA	8' To 10' Platanus occidentalis - Green Or Silver Buttonwood.....	81.64	
32 93 43 00-0609	EA	10' To 12' Platanus occidentalis - Green Or Silver Buttonwood.....	102.05	
32 93 43 00-0610	EA	12' To 14' Platanus occidentalis - Green Or Silver Buttonwood.....	180.55	
32 93 43 00-0611	EA	16' To 18' Platanus occidentalis - Green Or Silver Buttonwood.....	259.05	
32 93 43 00-0612	EA	2" Caliber Platanus x acerifolia & cvs - London Planetree.....	163.83	
32 93 43 00-0613	EA	2-1/2" Caliber Platanus x acerifolia & cvs - London Planetree.....	197.96	
32 93 43 00-0614	EA	3" Caliber Platanus x acerifolia & cvs - London Planetree.....	238.91	
32 93 43 00-0615	EA	3-1/2" Caliber Platanus x acerifolia & cvs - London Planetree.....	286.70	
32 93 43 00-0616	EA	4" Caliber Platanus x acerifolia & cvs - London Planetree.....	341.30	
32 93 43 00-0617	EA	2" Caliber Populus alba & cvs - White Poplar.....	163.83	
32 93 43 00-0618	EA	2-1/2" Caliber Populus alba & cvs - White Poplar.....	191.13	
32 93 43 00-0619	EA	3" Caliber Populus alba & cvs - White Poplar.....	218.43	
32 93 43 00-0620	EA	3-1/2" Caliber Populus alba & cvs - White Poplar.....	259.39	
32 93 43 00-0621	EA	4" Caliber Populus alba & cvs - White Poplar.....	286.70	
32 93 43 00-0622	EA	4-1/2" Caliber Populus alba & cvs - White Poplar.....	327.65	
32 93 43 00-0623	EA	2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	150.17	
32 93 43 00-0624	EA	2-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	197.96	
32 93 43 00-0625	EA	3" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	238.91	
32 93 43 00-0626	EA	3-1/2" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	286.70	
32 93 43 00-0627	EA	4" Caliber Populus deltoides & cvs - Eastern Cottonwood.....	341.30	
32 93 43 00-0628	EA	6' To 8' Quercus acutissima - Sawtooth Oak.....	51.33	
32 93 43 00-0629	EA	8' To 10' Quercus acutissima - Sawtooth Oak.....	77.00	
32 93 43 00-0630	EA	10' To 12' Quercus acutissima - Sawtooth Oak.....	89.84	
32 93 43 00-0631	EA	1-1/2" To 2" Caliper Quercus acutissima - Sawtooth Oak.....	102.67	
32 93 43 00-0632	EA	2" To 2-1/2" Caliper Quercus acutissima - Sawtooth Oak.....	115.50	
32 93 43 00-0633	EA	3" To 3-1/2" Caliper Quercus virginiana - Live Oak.....	406.57	
32 93 43 00-0634	EA	3-1/2" To 4" Caliper Quercus virginiana - Live Oak.....	547.93	
32 93 43 00-0635	EA	4" To 4-1/2" Caliper Quercus virginiana - Live Oak.....	741.04	
32 93 43 00-0636	EA	4-1/2" To 5" Caliper Quercus virginiana - Live Oak.....	989.10	
32 93 43 00-0637	EA	5" To 5-1/2" Caliper Quercus virginiana - Live Oak.....	1,193.20	
32 93 43 00-0638	EA	5-1/2" To 6" Caliper Quercus virginiana - Live Oak.....	1,318.80	
32 93 43 00-0639	EA	6" To 6-1/2" Caliper Quercus virginiana - Live Oak.....	1,774.10	
32 93 43 00-0640	EA	6-1/2" To 7" Caliper Quercus Virginiana - Live Oak.....	2,229.40	
32 93 43 00-0641	EA	7" To 7-1/2" Caliper Quercus virginiana - Live Oak.....	2,684.70	
32 93 43 00-0642	EA	7-1/2" To 8" Caliper Quercus virginiana - Live Oak.....	3,257.75	

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

32 93 43 00-0643	EA	8"	To 8-1/2" Caliper Quercus virginiana - Live Oak	3,830.80	
32 93 43 00-0644	EA	2"	Caliber Quercus alba - White Oak	204.78	
32 93 43 00-0645	EA	2-1/2"	Caliber Quercus alba - White Oak	238.91	
32 93 43 00-0646	EA	3"	Caliber Quercus alba - White Oak	300.35	
32 93 43 00-0647	EA	3-1/2"	Caliber Quercus alba - White Oak	375.43	
32 93 43 00-0648	EA	4"	Caliber Quercus alba - White Oak	443.70	
32 93 43 00-0649	EA	4-1/2"	Caliber Quercus alba - White Oak	546.09	
32 93 43 00-0650	EA	5"	Caliber Quercus alba - White Oak	648.48	
32 93 43 00-0651	EA	2"	Caliber Quercus bicolor - Swamp White Oak	238.91	
32 93 43 00-0652	EA	2-1/2"	Caliber Quercus bicolor - Swamp White Oak	273.04	
32 93 43 00-0653	EA	3"	Caliber Quercus bicolor - Swamp White Oak	314.00	
32 93 43 00-0654	EA	3-1/2"	Caliber Quercus bicolor - Swamp White Oak	348.13	
32 93 43 00-0655	EA	4"	Caliber Quercus bicolor - Swamp White Oak	395.91	
32 93 43 00-0656	EA	4-1/2"	Caliber Quercus bicolor - Swamp White Oak	436.87	
32 93 43 00-0657	EA	5"	Caliber Quercus bicolor - Swamp White Oak	491.48	
32 93 43 00-0658	EA	10'	Clump Form Quercus bicolor - Swamp White Oak	341.30	
32 93 43 00-0659	EA	12'	Clump Form Quercus bicolor - Swamp White Oak	409.57	
32 93 43 00-0660	EA	14'	Clump Form Quercus bicolor - Swamp White Oak	477.83	
32 93 43 00-0661	EA	16'	Clump Form Quercus bicolor - Swamp White Oak	546.09	
32 93 43 00-0662	EA	2"	Caliper Quercus coccinea - Scarlet Oak	177.48	
32 93 43 00-0663	EA	2-1/2"	Caliper Quercus coccinea - Scarlet Oak	225.26	
32 93 43 00-0664	EA	3"	Caliper Quercus coccinea - Scarlet Oak	279.87	
32 93 43 00-0665	EA	3-1/2"	Caliper Quercus coccinea - Scarlet Oak	341.30	
32 93 43 00-0666	EA	4"	Caliper Quercus coccinea - Scarlet Oak	409.57	
32 93 43 00-0667	EA	4-1/2"	Caliper Quercus coccinea - Scarlet Oak	484.65	
32 93 43 00-0668	EA	5"	Caliper Quercus coccinea - Scarlet Oak	566.57	
32 93 43 00-0669	EA	1-1/2"	Caliper Quercus imbricaria - Shingle Oak	177.48	
32 93 43 00-0670	EA	2"	Caliper Quercus imbricaria - Shingle Oak	238.91	
32 93 43 00-0671	EA	2-1/2"	Caliper Quercus imbricaria - Shingle Oak	320.83	
32 93 43 00-0672	EA	3"	Caliper Quercus imbricaria - Shingle Oak	477.83	
32 93 43 00-0673	EA	3-1/2"	Caliper Quercus imbricaria - Shingle Oak	648.48	
32 93 43 00-0674	EA	1-1/2"	Caliper Quercus macrocarpa - Bur Oak	177.48	
32 93 43 00-0675	EA	2"	Caliper Quercus macrocarpa - Bur Oak	211.61	
32 93 43 00-0676	EA	2-1/2"	Caliper Quercus macrocarpa - Bur Oak	252.57	
32 93 43 00-0677	EA	3"	Caliper Quercus macrocarpa - Bur Oak	307.17	
32 93 43 00-0678	EA	3-1/2"	Caliper Quercus macrocarpa - Bur Oak	375.43	
32 93 43 00-0679	EA	4"	Caliper Quercus macrocarpa - Bur Oak	443.70	
32 93 43 00-0680	EA	9'	Clump Form Quercus macrocarpa - Bur Oak	409.57	
32 93 43 00-0681	EA	10'	Clump Form Quercus macrocarpa - Bur Oak	477.83	
32 93 43 00-0682	EA	12'	Clump Form Quercus macrocarpa - Bur Oak	546.09	
32 93 43 00-0683	EA	2"	Caliber Quercus palustris - Pin Oak	150.17	
32 93 43 00-0684	EA	2-1/2"	Caliber Quercus palustris - Pin Oak	204.78	
32 93 43 00-0685	EA	3"	Caliber Quercus palustris - Pin Oak	266.22	
32 93 43 00-0686	EA	3-1/2"	Caliber Quercus palustris - Pin Oak	307.17	
32 93 43 00-0687	EA	4"	Caliber Quercus palustris - Pin Oak	354.96	
32 93 43 00-0688	EA	4-1/2"	Caliber Quercus palustris - Pin Oak	402.74	
32 93 43 00-0689	EA	5"	Caliber Quercus palustris - Pin Oak	443.70	
32 93 43 00-0690	EA	2"	Caliber Quercus robur & cvs - English Oak	177.48	
32 93 43 00-0691	EA	2-1/2"	Caliber Quercus robur & cvs - English Oak	218.43	
32 93 43 00-0692	EA	3"	Caliber Quercus robur & cvs - English Oak	259.39	
32 93 43 00-0693	EA	3-1/2"	Caliber Quercus robur & cvs - English Oak	307.17	
32 93 43 00-0694	EA	4"	Caliber Quercus robur & cvs - English Oak	354.96	
32 93 43 00-0695	EA	4-1/2"	Caliber Quercus robur & cvs - English Oak	409.57	
32 93 43 00-0696	EA	5"	Caliber Quercus robur & cvs - English Oak	464.17	
32 93 43 00-0697	EA	2"	Caliber Quercus rubra - Red Oak	204.78	
32 93 43 00-0698	EA	2-1/2"	Caliber Quercus rubra - Red Oak	238.91	
32 93 43 00-0699	EA	3"	Caliber Quercus rubra - Red Oak	286.70	
32 93 43 00-0700	EA	3-1/2"	Caliber Quercus rubra - Red Oak	341.30	
32 93 43 00-0701	EA	4"	Caliber Quercus rubra - Red Oak	409.57	
32 93 43 00-0702	EA	4-1/2"	Caliber Quercus rubra - Red Oak	477.83	
32 93 43 00-0703	EA	5"	Caliber Quercus rubra - Red Oak	546.09	
32 93 43 00-0704	EA	16'	Clump Form Quercus rubra - Red Oak	443.70	
32 93 43 00-0705	EA	18'	Clump Form Quercus rubra - Red Oak	532.43	
32 93 43 00-0706	EA	20'	Clump Form Quercus rubra - Red Oak	593.87	
32 93 43 00-0707	EA	2"	Caliber Quercus shumardii - Shumard Oak	232.09	
32 93 43 00-0708	EA	2-1/2"	Caliber Quercus shumardii - Shumard Oak	293.52	
32 93 43 00-0709	EA	3"	Caliber Quercus shumardii - Shumard Oak	341.30	
32 93 43 00-0710	EA	3-1/2"	Caliber Quercus shumardii - Shumard Oak	409.57	
32 93 43 00-0711	EA	4"	Caliber Quercus shumardii - Shumard Oak	477.83	
32 93 43 00-0712	EA	4-1/2"	Caliber Quercus shumardii - Shumard Oak	546.09	
32 93 43 00-0713	EA	5"	Caliber Quercus shumardii - Shumard Oak	614.35	
32 93 43 00-0714	EA	2"	Caliber Quercus schuettii - Swamp Bur Oak	204.78	
32 93 43 00-0715	EA	2-1/2"	Caliber Quercus schuettii - Swamp Bur Oak	245.74	
32 93 43 00-0716	EA	3"	Caliber Quercus schuettii - Swamp Bur Oak	307.17	
32 93 43 00-0717	EA	3-1/2"	Caliber Quercus schuettii - Swamp Bur Oak	375.43	
32 93 43 00-0718	EA	4"	Caliber Quercus schuettii - Swamp Bur Oak	436.87	
32 93 43 00-0719	EA	4-1/2"	Caliber Quercus schuettii - Swamp Bur Oak	491.48	
32 93 43 00-0720	EA	24"	Box Salix babylonica - Weeping Willow	172.54	
32 93 43 00-0721	EA	36"	Box Salix babylonica - Weeping Willow	431.36	
32 93 43 00-0722	EA	1-1/2" To 2"	Caliper Salix babylonica - Weeping Willow	99.23	
32 93 43 00-0723	EA	2" To 2-1/2"	Caliper Salix babylonica - Weeping Willow	118.63	
32 93 43 00-0724	EA	2-1/2" To 3"	Caliper Salix babylonica - Weeping Willow	129.41	
32 93 43 00-0725	EA	2"	Caliper Salix alba & cvs - White Willow	109.22	
32 93 43 00-0726	EA	2-1/2"	Caliper Salix alba & cvs - White Willow	129.70	
32 93 43 00-0727	EA	3"	Caliper Salix alba & cvs - White Willow	170.65	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
32 93 43 00-0728	EA	3-1/2" Caliper Salix alba & cvs - White Willow	204.78		
32 93 43 00-0729	EA	4" Caliper Salix alba & cvs - White Willow	245.74		
32 93 43 00-0730	EA	4-1/2" Caliper Salix alba & cvs - White Willow	286.70		
32 93 43 00-0731	EA	5" Caliper Salix alba & cvs - White Willow	327.65		
32 93 43 00-0732	EA	5' Clump Form Sassafras albidum - Common Sassafras	129.70		
32 93 43 00-0733	EA	6' Clump Form Sassafras albidum - Common Sassafras	157.00		
32 93 43 00-0734	EA	7' Clump Form Sassafras albidum - Common Sassafras	197.96		
32 93 43 00-0735	EA	8' Clump Form Sassafras albidum - Common Sassafras	225.26		
32 93 43 00-0736	EA	10' Clump Form Sassafras albidum - Common Sassafras	252.57		
32 93 43 00-0737	EA	12' Clump Form Sassafras albidum - Common Sassafras	307.17		
32 93 43 00-0738	EA	14' Clump Form Sassafras albidum - Common Sassafras	375.43		
32 93 43 00-0739	EA	16' Clump Form Sassafras albidum - Common Sassafras	443.70		
32 93 43 00-0740	EA	1-3/4" Caliper Sophora japonica - Chinese Scholar	226.08		
32 93 43 00-0741	EA	2" Caliper Sophora japonica - Chinese Scholar	251.20		
32 93 43 00-0742	EA	2-1/2" Caliper Sophora japonica - Chinese Scholar	337.55		
32 93 43 00-0743	EA	3" Caliper Sophora japonica - Chinese Scholar	439.60		
32 93 43 00-0744	EA	3-1/2" Caliper Sophora japonica - Chinese Scholar	510.25		
32 93 43 00-0745	EA	10' To 12' Swietenia Mahagoni - Mahogany	120.89		
32 93 43 00-0746	EA	12' To 14' Swietenia Mahagoni - Mahogany	141.30		
32 93 43 00-0747	EA	14' To 16' Swietenia Mahagoni - Mahogany	188.40		
32 93 43 00-0748	EA	16' To 18' Swietenia Mahagoni - Mahogany	211.95		
32 93 43 00-0749	EA	2" Caliper Taxodium distichum - Common Bald Cypress	170.65		
32 93 43 00-0750	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	197.96		
32 93 43 00-0751	EA	3" Caliper Taxodium distichum - Common Bald Cypress	238.91		
32 93 43 00-0752	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	273.04		
32 93 43 00-0753	EA	4" Caliper Taxodium distichum - Common Bald Cypress	300.35		
32 93 43 00-0754	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	150.17		
32 93 43 00-0755	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	170.65		
32 93 43 00-0756	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	245.74		
32 93 43 00-0757	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	273.04		
32 93 43 00-0758	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	307.17		
32 93 43 00-0759	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	354.96		
32 93 43 00-0760	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	409.57		
32 93 43 00-0761	EA	2' Thuja occidentalis - American Arborvitae	23.39		
32 93 43 00-0762	EA	2-1/2' Thuja occidentalis - American Arborvitae	25.28		
32 93 43 00-0763	EA	3' Thuja occidentalis - American Arborvitae	36.11		
32 93 43 00-0764	EA	4' Thuja occidentalis - American Arborvitae	49.61		
32 93 43 00-0765	EA	5' Thuja occidentalis - American Arborvitae	69.08		
32 93 43 00-0766	EA	6' Thuja occidentalis - American Arborvitae	95.77		
32 93 43 00-0767	EA	7' Thuja occidentalis - American Arborvitae	116.18		
32 93 43 00-0768	EA	8' Thuja occidentalis - American Arborvitae	163.28		
32 93 43 00-0769	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	170.65		
32 93 43 00-0770	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	197.96		
32 93 43 00-0771	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	252.57		
32 93 43 00-0772	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	293.52		
32 93 43 00-0773	EA	4" Caliper Tilia americana & cvs - American Linden Basswood	334.48		
32 93 43 00-0774	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	375.43		
32 93 43 00-0775	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	409.57		
32 93 43 00-0776	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	218.43		
32 93 43 00-0777	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	238.91		
32 93 43 00-0778	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	273.04		
32 93 43 00-0779	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	314.00		
32 93 43 00-0780	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	171.68		
32 93 43 00-0781	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	207.38		
32 93 43 00-0782	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	238.91		
32 93 43 00-0783	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	293.52		
32 93 43 00-0784	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	334.48		
32 93 43 00-0785	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	375.43		
32 93 43 00-0786	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	416.39		
32 93 43 00-0787	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	191.13		
32 93 43 00-0788	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	211.61		
32 93 43 00-0789	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	232.09		
32 93 43 00-0790	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	259.39		
32 93 43 00-0791	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	300.35		
32 93 43 00-0792	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	354.96		
32 93 43 00-0793	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	464.17		
32 93 43 00-0794	EA	2" Caliper Tilia x euchlora - Crimean Linden	191.13		
32 93 43 00-0795	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	245.74		
32 93 43 00-0796	EA	3" Caliper Tilia x euchlora - Crimean Linden	300.35		
32 93 43 00-0797	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	341.30		
32 93 43 00-0798	EA	4" Caliper Tilia x euchlora - Crimean Linden	382.26		
32 93 43 00-0799	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	430.04		
32 93 43 00-0800	EA	5" Caliper Tilia x euchlora - Crimean Linden	464.17		
32 93 43 00-0801	EA	2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	191.13		
32 93 43 00-0802	EA	2-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	218.43		
32 93 43 00-0803	EA	3" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	238.91		
32 93 43 00-0804	EA	3-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	259.39		
32 93 43 00-0805	EA	4" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	286.70		
32 93 43 00-0806	EA	4-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	341.30		
32 93 43 00-0807	EA	5" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm	402.74		
32 93 43 00-0808	EA	2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm	218.43		
32 93 43 00-0809	EA	2-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm	238.91		
32 93 43 00-0810	EA	3" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm	259.39		
32 93 43 00-0811	EA	3-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm	286.70		
32 93 43 00-0812	EA	4" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm	341.30		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0813	EA	4-1/2" Caliper Ulmus x `Pioneer` - Pioneer Hybrid Elm.....	402.74	
32 93 43 00-0814	EA	5" Caliper Ulmus x `Pioneer` - Pioneer Hybrid Elm.....	464.17	
32 93 43 00-0815	EA	2" Caliper Ulmus x `Regal` - Regal Hybrid Elm.....	218.43	
32 93 43 00-0816	EA	2-1/2" Mary-Louise Parker Ulmus x `Regal` - Regal Hybrid Elm.....	238.91	
32 93 43 00-0817	EA	3" Caliber Ulmus x `Regal` - Regal Hybrid Elm.....	259.39	
32 93 43 00-0818	EA	3-1/2" Caliber Ulmus x `Regal` - Regal Hybrid Elm.....	286.70	
32 93 43 00-0819	EA	4" Caliber Ulmus x `Regal` - Regal Hybrid Elm.....	341.30	
32 93 43 00-0820	EA	4-1/2" Caliber Ulmus x `Regal` - Regal Hybrid Elm.....	402.74	
32 93 43 00-0821	EA	5" Caliber Ulmus x `Regal` - Regal Hybrid Elm.....	464.17	
32 93 43 00-0822	EA	1-1/2" To 2" Caliper Zelkova serrata - Japanese Keaki Tree.....	105.65	
32 93 43 00-0823	EA	2" To 2-1/2" Caliper Zelkova serrata - Japanese Keaki Tree.....	129.41	
32 93 43 00-0824	EA	2-1/2" To 3" Caliper Zelkova serrata - Japanese Keaki Tree.....	163.96	

32 93 43 00-0825

Evergreen Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0826	EA	6' Abies balsamea - Balsam Fir.....	80.83	
32 93 43 00-0827	EA	7' Abies balsamea - Balsam Fir.....	101.03	
32 93 43 00-0828	EA	8' Abies balsamea - Balsam Fir.....	121.24	
32 93 43 00-0829	EA	9' Abies balsamea - Balsam Fir.....	161.65	
32 93 43 00-0830	EA	10' Abies balsamea - Balsam Fir.....	202.07	
32 93 43 00-0831	EA	12' Abies balsamea - Balsam Fir.....	242.48	
32 93 43 00-0832	EA	6' Abies concolor - White Fir.....	117.20	
32 93 43 00-0833	EA	7' Abies concolor - White Fir.....	133.36	
32 93 43 00-0834	EA	8' Abies concolor - White Fir.....	157.61	
32 93 43 00-0835	EA	9' Abies concolor - White Fir.....	181.86	
32 93 43 00-0836	EA	10' Abies concolor - White Fir.....	214.19	
32 93 43 00-0837	EA	12' Abies concolor - White Fir.....	262.68	
32 93 43 00-0838	EA	14' Abies concolor - White Fir.....	323.30	
32 93 43 00-0839	EA	16' Abies concolor - White Fir.....	363.72	
32 93 43 00-0840	EA	6' Abies fraseri - Frasier Fir.....	80.83	
32 93 43 00-0841	EA	7' Abies fraseri - Frasier Fir.....	101.03	
32 93 43 00-0842	EA	8' Abies fraseri - Frasier Fir.....	121.24	
32 93 43 00-0843	EA	9' Abies fraseri - Frasier Fir.....	161.65	
32 93 43 00-0844	EA	10' Abies fraseri - Frasier Fir.....	202.07	
32 93 43 00-0845	EA	12' Abies fraseri - Frasier Fir.....	242.48	
32 93 43 00-0846	EA	2' To 3' Cedrus atlantica - Blue Atlas Cedar.....	14.56	
32 93 43 00-0847	EA	3' To 4' Cedrus atlantica - Blue Atlas Cedar.....	23.40	
32 93 43 00-0848	EA	4' To 5' Cedrus atlantica - Blue Atlas Cedar.....	34.77	
32 93 43 00-0849	EA	5' To 6' Cedrus atlantica - Blue Atlas Cedar.....	46.77	
32 93 43 00-0850	EA	7' To 8' Cedrus atlantica - Blue Atlas Cedar.....	66.41	
32 93 43 00-0851	EA	5 Gallon Cedrus deodara - Indian Cedar.....	8.33	
32 93 43 00-0852	EA	6' To 8' Cedrus deodara - Indian Cedar.....	60.09	
32 93 43 00-0853	EA	8' To 10' Cedrus deodara - Indian Cedar.....	69.57	
32 93 43 00-0854	EA	10' To 12' Cedrus deodara - Indian Cedar.....	94.85	
32 93 43 00-0855	EA	12' To 14' Cedrus deodara - Indian Cedar.....	123.30	
32 93 43 00-0856	EA	14' To 16' Cedrus deodara - Indian Cedar.....	158.10	
32 93 43 00-0857	EA	15" To 18" Chamaecyparis obtusa - Compact Hinoki Cypress.....	18.78	
32 93 43 00-0858	EA	18" To 24" Chamaecyparis obtusa - Compact Hinoki Cypress.....	28.17	
32 93 43 00-0859	EA	2' To 3' Chamaecyparis obtusa - Compact Hinoki Cypress.....	43.83	
32 93 43 00-0860	EA	3' To 4' Chamaecyparis obtusa - Compact Hinoki Cypress.....	75.13	
32 93 43 00-0861	EA	4' To 5' Chamaecyparis pisifera - Sawara Cypress.....	22.76	
32 93 43 00-0862	EA	5' To 6' Chamaecyparis pisifera - Sawara Cypress.....	35.44	
32 93 43 00-0863	EA	6' To 7' Chamaecyparis pisifera - Sawara Cypress.....	44.25	
32 93 43 00-0864	EA	7' To 8' Chamaecyparis pisifera - Sawara Cypress.....	63.25	
32 93 43 00-0865	EA	1 Gallon Cleystera japonica - Japanese Cleystera.....	2.56	
32 93 43 00-0866	EA	3 Gallon Cleystera japonica - Japanese Cleystera.....	6.43	
32 93 43 00-0867	EA	7 Gallon Cleystera japonica - Japanese Cleystera.....	18.41	
32 93 43 00-0868	EA	5 Gallon Cupressocyparis leylandii - Leyland Cypress.....	10.33	
32 93 43 00-0869	EA	15 Gallon Cupressocyparis leylandii - Leyland Cypress.....	41.33	
32 93 43 00-0870	EA	4' To 5' Cupressocyparis leylandii - Leyland Cypress.....	18.08	
32 93 43 00-0871	EA	5' To 6' Cupressocyparis leylandii - Leyland Cypress.....	23.25	
32 93 43 00-0872	EA	6' To 7' Cupressocyparis leylandii - Leyland Cypress.....	36.17	
32 93 43 00-0873	EA	24" Box Cupressocyparis leylandii - Leyland Cypress.....	87.83	
32 93 43 00-0874	EA	1 Gallon Cupressus macrocarpa - Monterey Cypress.....	1.88	
32 93 43 00-0875	EA	5 Gallon Cupressus macrocarpa - Monterey Cypress.....	8.48	
32 93 43 00-0876	EA	15 Gallon Cupressus macrocarpa - Monterey Cypress.....	28.26	
32 93 43 00-0877	EA	5 Gallon Cupressus sempervirens - Italian Cypress.....	9.73	
32 93 43 00-0878	EA	15 Gallon Cupressus sempervirens - Italian Cypress.....	26.74	
32 93 43 00-0879	EA	1 Gallon Illicium anisatum - Anise Tree.....	2.78	
32 93 43 00-0880	EA	3 Gallon Illicium anisatum - Anise Tree.....	6.43	
32 93 43 00-0881	EA	1 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	2.86	
32 93 43 00-0882	EA	2 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	5.59	
32 93 43 00-0883	EA	3 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	6.93	
32 93 43 00-0884	EA	5 Gallon Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	8.14	
32 93 43 00-0885	EA	1 Gallon Juniperus - Blue Sargent Juniper.....	2.86	
32 93 43 00-0886	EA	2 Gallon Juniperus - Blue Sargent Juniper.....	5.59	
32 93 43 00-0887	EA	3 Gallon Juniperus - Blue Sargent Juniper.....	6.93	
32 93 43 00-0888	EA	5 Gallon Juniperus - Blue Sargent Juniper.....	8.14	
32 93 43 00-0889	EA	5 Gallon Juniperus - Compact Pfitzer Juniper.....	8.14	
32 93 43 00-0890	EA	15" To 18" Juniperus - Compact Pfitzer Juniper.....	8.81	
32 93 43 00-0891	EA	18" To 24" Juniperus - Compact Pfitzer Juniper.....	10.64	
32 93 43 00-0892	EA	2' To 2 1/2' Juniperus - Compact Pfitzer Juniper.....	15.80	
32 93 43 00-0893	EA	2-1/2' To 3' Juniperus - Compact Pfitzer Juniper.....	18.30	
32 93 43 00-0894	EA	5' To 6' Juniperus - Fairview Juniper.....	27.25	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0895	EA	1 Gallon Juniperus - Hollywood Juniper.....	3.65	
32 93 43 00-0896	EA	5 Gallon Juniperus - Hollywood Juniper.....	10.15	
32 93 43 00-0897	EA	15 Gallon Juniperus - Hollywood Juniper.....	43.03	
32 93 43 00-0898	EA	4' To 5' Juniperus - Hollywood Juniper.....	28.45	
32 93 43 00-0899	EA	5' To 6' Juniperus - Hollywood Juniper.....	36.65	
32 93 43 00-0900	EA	1 Gallon Juniperus - Parson's Juniper.....	2.86	
32 93 43 00-0901	EA	2 Gallon Juniperus - Parson's Juniper.....	5.65	
32 93 43 00-0902	EA	3 Gallon Juniperus - Parson's Juniper.....	6.99	
32 93 43 00-0903	EA	5 Gallon Juniperus - Parson's Juniper.....	8.27	
32 93 43 00-0904	EA	5 Gallon Juniperus - Skyrocket Juniper.....	10.21	
32 93 43 00-0905	EA	15 Gallon Juniperus - Skyrocket Juniper.....	43.46	
32 93 43 00-0906	EA	2' To 3' Juniperus - Skyrocket Juniper.....	15.32	
32 93 43 00-0907	EA	3' To 4' Juniperus - Skyrocket Juniper.....	21.70	
32 93 43 00-0908	EA	4' To 5' Juniperus - Skyrocket Juniper.....	28.75	
32 93 43 00-0909	EA	5' To 6' Juniperus - Skyrocket Juniper.....	37.08	
32 93 43 00-0910	EA	6' To 8' Juniperus - Skyrocket Juniper.....	47.90	
32 93 43 00-0911	EA	1 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	2.86	
32 93 43 00-0912	EA	2 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	5.62	
32 93 43 00-0913	EA	3 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	6.90	
32 93 43 00-0914	EA	5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	8.18	
32 93 43 00-0915	EA	1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	2.86	
32 93 43 00-0916	EA	2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	5.62	
32 93 43 00-0917	EA	3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	6.90	
32 93 43 00-0918	EA	5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	8.18	
32 93 43 00-0919	EA	2' To 3' Juniperus virginiana - Eastern Red Cedar.....	15.32	
32 93 43 00-0920	EA	3' To 4' Juniperus virginiana - Eastern Red Cedar.....	21.70	
32 93 43 00-0921	EA	4' To 5' Juniperus virginiana - Eastern Red Cedar.....	28.75	
32 93 43 00-0922	EA	5' To 6' Juniperus virginiana - Eastern Red Cedar.....	37.08	
32 93 43 00-0923	EA	5' Picea abies & cvs - Norway Spruce.....	88.91	
32 93 43 00-0924	EA	6' Picea abies & cvs - Norway Spruce.....	101.03	
32 93 43 00-0925	EA	7' Picea abies & cvs - Norway Spruce.....	121.24	
32 93 43 00-0926	EA	8' Picea abies & cvs - Norway Spruce.....	141.45	
32 93 43 00-0927	EA	9' Picea abies & cvs - Norway Spruce.....	189.94	
32 93 43 00-0928	EA	10' Picea abies & cvs - Norway Spruce.....	230.35	
32 93 43 00-0929	EA	12' Picea abies & cvs - Norway Spruce.....	282.89	
32 93 43 00-0930	EA	14' Picea abies & cvs - Norway Spruce.....	343.51	
32 93 43 00-0931	EA	6' Picea glauca - White Spruce.....	84.87	
32 93 43 00-0932	EA	7' Picea glauca - White Spruce.....	121.24	
32 93 43 00-0933	EA	8' Picea glauca - White Spruce.....	141.45	
32 93 43 00-0934	EA	9' Picea glauca - White Spruce.....	169.73	
32 93 43 00-0935	EA	10' Picea glauca - White Spruce.....	202.07	
32 93 43 00-0936	EA	12' Picea glauca - White Spruce.....	242.48	
32 93 43 00-0937	EA	4' Picea glauca densata - Black Hills Spruce.....	48.50	
32 93 43 00-0938	EA	5' Picea glauca densata - Black Hills Spruce.....	72.74	
32 93 43 00-0939	EA	6' Picea glauca densata - Black Hills Spruce.....	109.12	
32 93 43 00-0940	EA	7' Picea glauca densata - Black Hills Spruce.....	129.32	
32 93 43 00-0941	EA	8' Picea glauca densata - Black Hills Spruce.....	149.53	
32 93 43 00-0942	EA	9' Picea glauca densata - Black Hills Spruce.....	165.69	
32 93 43 00-0943	EA	10' Picea glauca densata - Black Hills Spruce.....	181.86	
32 93 43 00-0944	EA	6' Picea omorika & cvs - Serbian Spruce.....	109.12	
32 93 43 00-0945	EA	7' Picea omorika & cvs - Serbian Spruce.....	121.24	
32 93 43 00-0946	EA	8' Picea omorika & cvs - Serbian Spruce.....	145.49	
32 93 43 00-0947	EA	9' Picea omorika & cvs - Serbian Spruce.....	169.73	
32 93 43 00-0948	EA	10' Picea omorika & cvs - Serbian Spruce.....	193.98	
32 93 43 00-0949	EA	5' Picea pungens - Colorado Green Spruce.....	88.91	
32 93 43 00-0950	EA	6' Picea pungens - Colorado Green Spruce.....	113.16	
32 93 43 00-0951	EA	7' Picea pungens - Colorado Green Spruce.....	133.36	
32 93 43 00-0952	EA	8' Picea pungens - Colorado Green Spruce.....	153.57	
32 93 43 00-0953	EA	9' Picea pungens - Colorado Green Spruce.....	177.82	
32 93 43 00-0954	EA	10' Picea pungens - Colorado Green Spruce.....	335.43	
32 93 43 00-0955	EA	12' Picea pungens - Colorado Green Spruce.....	242.48	
32 93 43 00-0956	EA	14' Picea pungens - Colorado Green Spruce.....	282.89	
32 93 43 00-0957	EA	16' Picea pungens - Colorado Green Spruce.....	363.72	
32 93 43 00-0958	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce.....	88.91	
32 93 43 00-0959	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce.....	121.24	
32 93 43 00-0960	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce.....	141.45	
32 93 43 00-0961	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce.....	161.65	
32 93 43 00-0962	EA	9' Picea pungens glauca & cvs - Colorado Blue Spruce.....	181.86	
32 93 43 00-0963	EA	10' Picea pungens glauca & cvs - Colorado Blue Spruce.....	222.27	
32 93 43 00-0964	EA	12' Picea pungens glauca & cvs - Colorado Blue Spruce.....	282.89	
32 93 43 00-0965	EA	16' Picea pungens glauca & cvs - Colorado Blue Spruce.....	424.34	
32 93 43 00-0966	EA	4' Pinus cembra - Swiss Stone Pine.....	68.70	
32 93 43 00-0967	EA	5' Pinus cembra - Swiss Stone Pine.....	84.87	
32 93 43 00-0968	EA	6' Pinus cembra - Swiss Stone Pine.....	105.07	
32 93 43 00-0969	EA	6' Pinus flexilis & cvs - Limber Pine.....	101.03	
32 93 43 00-0970	EA	7' Pinus flexilis & cvs - Limber Pine.....	117.20	
32 93 43 00-0971	EA	8' Pinus flexilis & cvs - Limber Pine.....	145.49	
32 93 43 00-0972	EA	9' Pinus flexilis & cvs - Limber Pine.....	177.82	
32 93 43 00-0973	EA	10' Pinus flexilis & cvs - Limber Pine.....	202.07	
32 93 43 00-0974	EA	1 Gallon Pinus mugo - Mugho Pine.....	3.77	
32 93 43 00-0975	EA	2 Gallon Pinus mugo - Mugho Pine.....	7.96	
32 93 43 00-0976	EA	3 Gallon Pinus mugo - Mugho Pine.....	9.97	
32 93 43 00-0977	EA	5 Gallon Pinus mugo - Mugho Pine.....	12.64	
32 93 43 00-0978	EA	12" To 15" Spread Pinus mugo - Mugho Pine.....	9.79	
32 93 43 00-0979	EA	15" To 18" Spread Pinus mugo - Mugho Pine.....	11.67	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 43 00-0980	EA	18" To 24' Spread Pinus mugo - Mugho Pine	15.80	
32 93 43 00-0981	EA	2' To 2-1/2' Spread Pinus mugo - Mugho Pine	22.13	
32 93 43 00-0982	EA	2-1/2' To 3' Spread Pinus mugo - Mugho Pine	28.45	
32 93 43 00-0983	EA	3' To 3-1/2' Spread Pinus mugo - Mugho Pine	35.44	
32 93 43 00-0984	EA	3-1/2' To 4' Spread Pinus mugo - Mugho Pine	43.03	
32 93 43 00-0985	EA	6' Pinus nigra - Austrian Pine	101.03	
32 93 43 00-0986	EA	7' Pinus nigra - Austrian Pine	121.24	
32 93 43 00-0987	EA	8' Pinus nigra - Austrian Pine	157.61	
32 93 43 00-0988	EA	9' Pinus nigra - Austrian Pine	181.86	
32 93 43 00-0989	EA	10' Pinus nigra - Austrian Pine	214.19	
32 93 43 00-0990	EA	12' Pinus nigra - Austrian Pine	242.48	
32 93 43 00-0991	EA	14' Pinus nigra - Austrian Pine	270.77	
32 93 43 00-0992	EA	16' Pinus nigra - Austrian Pine	307.14	
32 93 43 00-0993	EA	5' Pinus peuce - Macedonian Pine	125.28	
32 93 43 00-0994	EA	6' Pinus peuce - Macedonian Pine	157.61	
32 93 43 00-0995	EA	7' Pinus peuce - Macedonian Pine	181.86	
32 93 43 00-0996	EA	8' Pinus peuce - Macedonian Pine	206.11	
32 93 43 00-0997	EA	9' Pinus peuce - Macedonian Pine	238.44	
32 93 43 00-0998	EA	2' Pinus strobus - Pyramidal White Pine	11.19	
32 93 43 00-0999	EA	3' Pinus strobus - Pyramidal White Pine	14.95	
32 93 43 00-1000	EA	4' Pinus strobus - Pyramidal White Pine	16.50	
32 93 43 00-1001	EA	5' Pinus strobus - Pyramidal White Pine	18.04	
32 93 43 00-1002	EA	6' Pinus strobus - Pyramidal White Pine	22.48	
32 93 43 00-1003	EA	7' Pinus strobus - Pyramidal White Pine	29.91	
32 93 43 00-1004	EA	8' Pinus strobus - Pyramidal White Pine	41.10	
32 93 43 00-1005	EA	10' Pinus strobus - Pyramidal White Pine	82.01	
32 93 43 00-1006	EA	12' Pinus strobus - Pyramidal White Pine	194.89	
32 93 43 00-1007	EA	14' Pinus strobus - Pyramidal White Pine	261.47	
32 93 43 00-1008	EA	16' Pinus strobus - Pyramidal White Pine	314.53	
32 93 43 00-1009	EA	2' Pinus strobus - White Pine	17.20	
32 93 43 00-1010	EA	3' Pinus strobus - White Pine	24.54	
32 93 43 00-1011	EA	4' Pinus strobus - White Pine	39.13	
32 93 43 00-1012	EA	5' Pinus strobus - White Pine	55.77	
32 93 43 00-1013	EA	6' Pinus strobus - White Pine	81.80	
32 93 43 00-1014	EA	7' Pinus strobus - White Pine	97.60	
32 93 43 00-1015	EA	8' Pinus strobus - White Pine	131.99	
32 93 43 00-1016	EA	10' Pinus strobus - White Pine	177.53	
32 93 43 00-1017	EA	12' Pinus strobus - White Pine	235.16	
32 93 43 00-1018	EA	14' Pinus strobus - White Pine	288.14	
32 93 43 00-1019	EA	16' Pinus strobus - White Pine	350.42	
32 93 43 00-1020	EA	3' Pinus sylvestris - Scotch Pine	26.55	
32 93 43 00-1021	EA	4' Pinus sylvestris - Scotch Pine	36.86	
32 93 43 00-1022	EA	5' Pinus sylvestris - Scotch Pine	51.73	
32 93 43 00-1023	EA	6' Pinus sylvestris - Scotch Pine	71.77	
32 93 43 00-1024	EA	7' Pinus sylvestris - Scotch Pine	87.94	
32 93 43 00-1025	EA	8' Pinus sylvestris - Scotch Pine	124.15	
32 93 43 00-1026	EA	9' Pinus sylvestris - Scotch Pine	157.61	
32 93 43 00-1027	EA	10' Pinus sylvestris - Scotch Pine	181.86	
32 93 43 00-1028	EA	12' Pinus sylvestris - Scotch Pine	214.19	
32 93 43 00-1029	EA	14' Pinus sylvestris - Scotch Pine	242.48	
32 93 43 00-1030	EA	16' Pinus sylvestris - Scotch Pine	282.89	
32 93 43 00-1031	EA	5' To 6' Pinus taeda - Loblolly Pine	11.56	
32 93 43 00-1032	EA	1 Gallon Pinus thunbergiana - Japanese Black Pine	2.86	
32 93 43 00-1033	EA	5 Gallon Pinus thunbergiana - Japanese Black Pine	10.15	
32 93 43 00-1034	EA	15 Gallon Pinus thunbergiana - Japanese Black Pine	32.88	
32 93 43 00-1035	EA	2' To 3' Pinus thunbergiana - Japanese Black Pine	13.92	
32 93 43 00-1036	EA	3' To 4' Pinus thunbergiana - Japanese Black Pine	17.69	
32 93 43 00-1037	EA	4' To 5' Pinus thunbergiana - Japanese Black Pine	26.56	
32 93 43 00-1038	EA	5' To 6' Pinus thunbergiana - Japanese Black Pine	51.85	
32 93 43 00-1039	EA	6' To 7' Pinus thunbergiana - Japanese Black Pine	58.17	
32 93 43 00-1040	EA	7' To 8' Pinus thunbergiana - Japanese Black Pine	72.70	
32 93 43 00-1041	EA	1 Gallon Podocarpus - Chinese Podocarpus	1.88	
32 93 43 00-1042	EA	3 Gallon Podocarpus - Chinese Podocarpus	4.38	
32 93 43 00-1043	EA	7 Gallon Podocarpus - Chinese Podocarpus	12.64	
32 93 43 00-1044	EA	15 Gallon Podocarpus - Chinese Podocarpus	20.54	
32 93 43 00-1045	EA	4' To 5' Podocarpus - Chinese Podocarpus	31.61	
32 93 43 00-1046	EA	5' Pseudotsuga menziesii - Douglas Fir	80.83	
32 93 43 00-1047	EA	6' Pseudotsuga menziesii - Douglas Fir	96.99	
32 93 43 00-1048	EA	7' Pseudotsuga menziesii - Douglas Fir	121.24	
32 93 43 00-1049	EA	8' Pseudotsuga menziesii - Douglas Fir	145.49	
32 93 43 00-1050	EA	9' Pseudotsuga menziesii - Douglas Fir	181.86	
32 93 43 00-1051	EA	10' Pseudotsuga menziesii - Douglas Fir	214.19	
32 93 43 00-1052	EA	12' Pseudotsuga menziesii - Douglas Fir	242.48	
32 93 43 00-1053	EA	5' To 6' Sequoia sempervirens - Dawn Redwood	39.51	
32 93 43 00-1054	EA	6' To 8' Sequoia sempervirens - Dawn Redwood	53.34	
32 93 43 00-1055	EA	8' To 10' Sequoia sempervirens - Dawn Redwood	65.19	
32 93 43 00-1056	EA	5' To 6' Taxodium distichum & cvs - Bald Cypress	28.08	
32 93 43 00-1057	EA	6' To 7' Taxodium distichum & cvs - Bald Cypress	35.10	
32 93 43 00-1058	EA	7' To 8' Taxodium distichum & cvs - Bald Cypress	43.40	
32 93 43 00-1059	EA	8' To 10' Taxodium distichum & cvs - Bald Cypress	54.92	
32 93 43 00-1060	EA	6' Tsuga canadensis - Northern Hemlock	80.83	
32 93 43 00-1061	EA	7' Tsuga canadensis - Northern Hemlock	101.03	
32 93 43 00-1062	EA	8' Tsuga canadensis - Northern Hemlock	137.40	
32 93 43 00-1063	EA	9' Tsuga canadensis - Northern Hemlock	161.65	
32 93 43 00-1064	EA	10' Tsuga canadensis - Northern Hemlock	181.86	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-1065	EA	12' Tsuga canadensis - Northern Hemlock.....	202.07
32 93 43 00-1066	EA	3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae.....	7.62
32 93 43 00-1067	EA	3' To 4' Thuja occidentalis 'Woodwadii' - Woodward Arborvitae.....	12.45

32 93 43 00-1068**Palm And Subtropical Trees (32 93 43)**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-1069	EA	4' To 5' Archontophoenix cunninghamiana - King Palm.....	64.97
32 93 43 00-1070	EA	6' To 8' Archontophoenix cunninghamiana - King Palm.....	101.06
32 93 43 00-1071	EA	8' To 10' Archontophoenix cunninghamiana - King Palm.....	129.94
32 93 43 00-1072	EA	10' To 12' Archontophoenix cunninghamiana - King Palm.....	173.25
32 93 43 00-1073	EA	4' To 5' Arecastrum romanzoffianum - Queen Palm.....	49.22
32 93 43 00-1074	EA	6' To 8' Arecastrum romanzoffianum - Queen Palm.....	68.91
32 93 43 00-1075	EA	8' To 10' Arecastrum romanzoffianum - Queen Palm.....	88.59
32 93 43 00-1076	EA	10' To 12' Arecastrum romanzoffianum - Queen Palm.....	108.28
32 93 43 00-1077	EA	12' To 14' Arecastrum romanzoffianum - Queen Palm.....	131.25
32 93 43 00-1078	EA	14' To 16' Arecastrum romanzoffianum - Queen Palm.....	164.06
32 93 43 00-1079	EA	3' To 4' Chamaedorea radicalis - Dwarf Bamboo Palm.....	137.81
32 93 43 00-1080	EA	5' To 6' Chamaedorea radicalis - Dwarf Bamboo Palm.....	216.56
32 93 43 00-1081	EA	3' To 4' Chamaerops humilis - European Fan Palm.....	118.12
32 93 43 00-1082	EA	5' To 6' Chamaerops humilis - European Fan Palm.....	157.50
32 93 43 00-1083	EA	7' To 8' Chamaerops humilis - European Fan Palm.....	367.50
32 93 43 00-1084	EA	9' To 10' Chamaerops humilis - European Fan Palm.....	630.00
32 93 43 00-1085	EA	6' To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	91.88
32 93 43 00-1086	EA	8' To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	183.75
32 93 43 00-1087	EA	10' To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	236.25
32 93 43 00-1088	EA	12' To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	328.12
32 93 43 00-1089	EA	12' To 16' Cocos nucifera - Coconut Palm.....	276.77
32 93 43 00-1090	EA	4' To 5' Rhapsis excelsa - Lady Palm.....	249.38
32 93 43 00-1091	EA	6' To 7' Rhapsis excelsa - Lady Palm.....	354.38
32 93 43 00-1092	EA	8' To 9' Roystonea regia - Royal Palm.....	200.81
32 93 43 00-1093	EA	10' To 11' Roystonea regia - Royal Palm.....	245.44
32 93 43 00-1094	EA	12' To 13' Roystonea regia - Royal Palm.....	290.06
32 93 43 00-1095	EA	14' To 15' Roystonea regia - Royal Palm.....	334.69
32 93 43 00-1096	EA	16' To 17' Roystonea regia - Royal Palm.....	379.31
32 93 43 00-1097	EA	18' To 19' Roystonea regia - Royal Palm.....	423.94
32 93 43 00-1098	EA	20' To 21' Roystonea regia - Royal Palm.....	468.56
32 93 43 00-1099	EA	10' To 16' Sabal palmetto - Cabbage Palm.....	101.49
32 93 43 00-1100	EA	6' To 7' Thrinax morrisii - Key Thatch Palm.....	275.62
32 93 43 00-1101	EA	8' To 9' Thrinax morrisii - Key Thatch Palm.....	354.38
32 93 43 00-1102	EA	10' To 11' Thrinax morrisii - Key Thatch Palm.....	433.12

32 93 53**Planting Of Trees, Shrubs And Ground Cover (32 93)**

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

32 93 53 00-0001**Planting Trees (32 93 53)**

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 53 00-0002	EA	3" To 5" Bare Root Seedlings Tree Planting.....	1.09
32 93 53 00-0003	EA	6" To 10" Bare Root Seedlings Tree Planting.....	1.76
32 93 53 00-0004	EA	11" To 16" Bare Root Seedlings Tree Planting.....	2.19
32 93 53 00-0005	EA	17" To 24" Bare Root Seedlings Tree Planting.....	3.50
32 93 53 00-0006	EA	1 Gallon Container Tree Planting.....	17.52
		For >10 To 25, Deduct	-0.88
		For >25 To 50, Deduct	-2.19
		For >50 To 100, Deduct	-3.50
		For >100, Deduct	-5.26
32 93 53 00-0007	EA	2 Gallon Container Tree Planting.....	24.54
		For >10 To 25, Deduct	-1.23
		For >25 To 50, Deduct	-3.07
		For >50 To 100, Deduct	-4.91
		For >100, Deduct	-7.36
32 93 53 00-0008	EA	3 Gallon Container Tree Planting.....	31.55
		For >10 To 25, Deduct	-1.58
		For >25 To 50, Deduct	-3.94
		For >50 To 100, Deduct	-6.31
		For >100, Deduct	-9.47
32 93 53 00-0009	EA	5 Gallon Container Tree Planting.....	52.57
		For >10 To 25, Deduct	-2.63
		For >25 To 50, Deduct	-6.57
		For >50 To 100, Deduct	-10.51
		For >100, Deduct	-15.77
32 93 53 00-0010	EA	7 Gallon Container Tree Planting.....	70.10
		For >10 To 25, Deduct	-3.51
		For >25 To 50, Deduct	-8.76
		For >50 To 100, Deduct	-14.02
		For >100, Deduct	-21.03
32 93 53 00-0011	EA	10 Gallon Container Tree Planting.....	91.12
		For >10 To 25, Deduct	-4.56
		For >25 To 50, Deduct	-11.39
		For >50 To 100, Deduct	-18.22
		For >100, Deduct	-27.34

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 53 00-0012	EA	15 Gallon Container Tree Planting.....	129.68	
		For >10 To 25, Deduct	-6.48	
		For >25 To 50, Deduct	-16.21	
		For >50 To 100, Deduct	-25.94	
		For >100, Deduct	-38.90	
32 93 53 00-0013	EA	20 Gallon Container Tree Planting.....	213.79	
		For >10 To 25, Deduct	-10.69	
		For >25 To 50, Deduct	-26.72	
		For >50 To 100, Deduct	-42.76	
		For >100, Deduct	-64.14	
32 93 53 00-0014	EA	25 Gallon Container Tree Planting.....	276.88	
		For >10 To 25, Deduct	-13.84	
		For >25 To 50, Deduct	-34.61	
		For >50 To 100, Deduct	-55.38	
		For >100, Deduct	-83.06	
32 93 53 00-0015	EA	30 Gallon Container Tree Planting.....	332.96	
		For >10 To 25, Deduct	-16.65	
		For >25 To 50, Deduct	-41.62	
		For >50 To 100, Deduct	-66.59	
		For >100, Deduct	-99.89	
32 93 53 00-0016	EA	45 Gallon Container Tree Planting.....	413.57	
		For >10 To 25, Deduct	-20.68	
		For >25 To 50, Deduct	-51.70	
		For >50 To 100, Deduct	-82.71	
		For >100, Deduct	-124.07	
32 93 53 00-0017	EA	65 Gallon Container Tree Planting.....	490.68	
		For >10 To 25, Deduct	-24.53	
		For >25 To 50, Deduct	-61.34	
		For >50 To 100, Deduct	-98.14	
		For >100, Deduct	-147.20	
32 93 53 00-0018	EA	6' Balled And Burlapped Tree Planting.....	175.24	
		For >10 To 25, Deduct	-8.76	
		For >25 To 50, Deduct	-21.91	
		For >50 To 100, Deduct	-35.05	
		For >100, Deduct	-52.57	
32 93 53 00-0019	EA	7' Balled And Burlapped Tree Planting.....	233.43	
		For >10 To 25, Deduct	-11.67	
		For >25 To 50, Deduct	-29.18	
		For >50 To 100, Deduct	-46.69	
		For >100, Deduct	-70.03	
32 93 53 00-0020	EA	8' Balled And Burlapped Tree Planting.....	262.87	
		For >10 To 25, Deduct	-13.14	
		For >25 To 50, Deduct	-32.86	
		For >50 To 100, Deduct	-52.57	
		For >100, Deduct	-78.86	
32 93 53 00-0021	EA	10' Balled And Burlapped Tree Planting.....	306.67	
		For >10 To 25, Deduct	-15.33	
		For >25 To 50, Deduct	-38.33	
		For >50 To 100, Deduct	-61.33	
		For >100, Deduct	-92.00	
32 93 53 00-0022	EA	12' Balled And Burlapped Tree Planting.....	410.07	
		For >10 To 25, Deduct	-20.50	
		For >25 To 50, Deduct	-51.26	
		For >50 To 100, Deduct	-82.01	
		For >100, Deduct	-123.02	
32 93 53 00-0023	EA	14' Balled And Burlapped Tree Planting.....	469.65	
		For >10 To 25, Deduct	-23.48	
		For >25 To 50, Deduct	-58.71	
		For >50 To 100, Deduct	-93.93	
		For >100, Deduct	-140.90	
32 93 53 00-0024	EA	16' Balled And Burlapped Tree Planting.....	569.54	
		For >10 To 25, Deduct	-28.48	
		For >25 To 50, Deduct	-71.19	
		For >50 To 100, Deduct	-113.91	
		For >100, Deduct	-170.86	
32 93 53 00-0025	EA	18' Balled And Burlapped Tree Planting.....	683.45	
		For >10 To 25, Deduct	-34.17	
		For >25 To 50, Deduct	-85.43	
		For >50 To 100, Deduct	-136.69	
		For >100, Deduct	-205.04	
32 93 53 00-0026	EA	20' Balled And Burlapped Tree Planting.....	788.60	
		For >10 To 25, Deduct	-39.43	
		For >25 To 50, Deduct	-98.58	
		For >50 To 100, Deduct	-157.72	
		For >100, Deduct	-236.58	
32 93 53 00-0027	EA	1-1/2" Caliber Balled And Burlapped Tree Planting.....	262.87	
		For >10 To 25, Deduct	-13.14	
		For >25 To 50, Deduct	-32.86	
		For >50 To 100, Deduct	-52.57	
		For >100, Deduct	-78.86	
32 93 53 00-0028	EA	2" Caliber Balled And Burlapped Tree Planting.....	306.67	
		For >10 To 25, Deduct	-15.33	
		For >25 To 50, Deduct	-38.33	
		For >50 To 100, Deduct	-61.33	
		For >100, Deduct	-92.00	
32 93 53 00-0029	EA	2-1/2" Caliber Balled And Burlapped Tree Planting.....	411.82	
		For >10 To 25, Deduct	-20.59	
		For >25 To 50, Deduct	-51.48	
		For >50 To 100, Deduct	-82.36	
		For >100, Deduct	-123.55	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 53 00-0030	EA	3" Caliber Balled And Burlapped Tree Planting	473.16	
		<i>For >10 To 25, Deduct</i>	-23.66	
		<i>For >25 To 50, Deduct</i>	-59.15	
		<i>For >50 To 100, Deduct</i>	-94.63	
		<i>For >100, Deduct</i>	-141.95	
32 93 53 00-0031	EA	3-1/2" Caliber Balled And Burlapped Tree Planting	525.73	
		<i>For >10 To 25, Deduct</i>	-26.29	
		<i>For >25 To 50, Deduct</i>	-65.72	
		<i>For >50 To 100, Deduct</i>	-105.15	
		<i>For >100, Deduct</i>	-157.72	
32 93 53 00-0032	EA	4" Caliber Balled And Burlapped Tree Planting	602.83	
		<i>For >10 To 25, Deduct</i>	-30.14	
		<i>For >25 To 50, Deduct</i>	-75.35	
		<i>For >50 To 100, Deduct</i>	-120.57	
		<i>For >100, Deduct</i>	-180.85	

32 93 53 00-0033**Tree Pits** (32 93 53)

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 53 00-0034	EA	2' x 1-1/4' Deep Tree Pit	80.35	
32 93 53 00-0035	EA	2' x 2-1/2' Deep Tree Pit	120.50	
32 93 53 00-0036	EA	2-1/2' x 1-1/2' Deep Tree Pit	156.20	
32 93 53 00-0037	EA	2-1/2' x 3' Deep Tree Pit	234.24	
32 93 53 00-0038	EA	3' x 1-3/4' Deep Tree Pit	240.08	
32 93 53 00-0039	EA	3' x 3-1/2' Deep Tree Pit	358.12	
32 93 53 00-0040	EA	3-1/2' x 1-3/4' Deep Tree Pit	293.60	
32 93 53 00-0041	EA	3-1/2' x 3-1/2' Deep Tree Pit	439.72	
32 93 53 00-0042	EA	4' x 2' Deep Tree Pit	350.69	
32 93 53 00-0043	EA	4' x 4' Deep Tree Pit	525.72	
32 93 53 00-0044	EA	4-1/2' x 2' Deep Tree Pit	503.80	
32 93 53 00-0045	EA	4-1/2' x 4' Deep Tree Pit	757.30	
32 93 53 00-0046	EA	5' x 2-1/4' Deep Tree Pit	670.14	
32 93 53 00-0047	EA	5' x 4-1/2' Deep Tree Pit	997.61	
32 93 53 00-0048	EA	6' x 2-1/2' Deep Tree Pit	950.42	
32 93 53 00-0049	EA	6' x 5' Deep Tree Pit	1,423.35	
32 93 53 00-0050	EA	7' x 3' Deep Tree Pit	1,600.48	
32 93 53 00-0051	EA	7' x 6' Deep Tree Pit	2,414.55	
32 93 53 00-0052	EA	8' x 3-1/4' Deep Tree Pit	2,198.05	
32 93 53 00-0053	EA	8' x 6-1/2' Deep Tree Pit	3,295.56	

32 93 53 00-0054**Planting Shrubs** (32 93 53)

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 53 00-0055	EA	1 Gallon Container Shrub Planting	14.91	
		<i>For >10 To 25, Deduct</i>	-0.75	
		<i>For >25 To 50, Deduct</i>	-1.86	
		<i>For >50 To 100, Deduct</i>	-2.98	
		<i>For >100, Deduct</i>	-4.47	
32 93 53 00-0056	EA	2 Gallon Container Shrub Planting	21.03	
		<i>For >10 To 25, Deduct</i>	-1.05	
		<i>For >25 To 50, Deduct</i>	-2.63	
		<i>For >50 To 100, Deduct</i>	-4.21	
		<i>For >100, Deduct</i>	-6.31	
32 93 53 00-0057	EA	3 Gallon Container Shrub Planting	26.28	
		<i>For >10 To 25, Deduct</i>	-1.31	
		<i>For >25 To 50, Deduct</i>	-3.29	
		<i>For >50 To 100, Deduct</i>	-5.26	
		<i>For >100, Deduct</i>	-7.88	
32 93 53 00-0058	EA	4 Gallon Container Shrub Planting	35.05	
		<i>For >10 To 25, Deduct</i>	-1.75	
		<i>For >25 To 50, Deduct</i>	-4.38	
		<i>For >50 To 100, Deduct</i>	-7.01	
		<i>For >100, Deduct</i>	-10.52	
32 93 53 00-0059	EA	5 Gallon Container Shrub Planting	43.81	
		<i>For >10 To 25, Deduct</i>	-2.19	
		<i>For >25 To 50, Deduct</i>	-5.48	
		<i>For >50 To 100, Deduct</i>	-8.76	
		<i>For >100, Deduct</i>	-13.14	
32 93 53 00-0060	EA	7 Gallon Container Shrub Planting	59.59	
		<i>For >10 To 25, Deduct</i>	-2.98	
		<i>For >25 To 50, Deduct</i>	-7.45	
		<i>For >50 To 100, Deduct</i>	-11.92	
		<i>For >100, Deduct</i>	-17.88	
32 93 53 00-0061	EA	10 Gallon Container Shrub Planting	78.85	
		<i>For >10 To 25, Deduct</i>	-3.94	
		<i>For >25 To 50, Deduct</i>	-9.86	
		<i>For >50 To 100, Deduct</i>	-15.77	
		<i>For >100, Deduct</i>	-23.66	
32 93 53 00-0062	EA	15 Gallon Container Shrub Planting	108.65	
		<i>For >10 To 25, Deduct</i>	-5.43	
		<i>For >25 To 50, Deduct</i>	-13.58	
		<i>For >50 To 100, Deduct</i>	-21.73	
		<i>For >100, Deduct</i>	-32.60	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 93 53 00-0063	EA 20 Gallon Container Shrub Planting	182.26	
	<i>For >10 To 25, Deduct</i>	-9.11	
	<i>For >25 To 50, Deduct</i>	-22.78	
	<i>For >50 To 100, Deduct</i>	-36.45	
	<i>For >100, Deduct</i>	-54.68	
32 93 53 00-0064	EA 25 Gallon Container Shrub Planting	233.43	
	<i>For >10 To 25, Deduct</i>	-11.67	
	<i>For >25 To 50, Deduct</i>	-29.18	
	<i>For >50 To 100, Deduct</i>	-46.69	
	<i>For >100, Deduct</i>	-70.03	
32 93 53 00-0065	EA 15" Balled And Burlapped Shrub Planting	49.07	
	<i>For >10 To 25, Deduct</i>	-2.45	
	<i>For >25 To 50, Deduct</i>	-6.13	
	<i>For >50 To 100, Deduct</i>	-9.81	
	<i>For >100, Deduct</i>	-14.72	
32 93 53 00-0066	EA 18" Balled And Burlapped Shrub Planting	50.82	
	<i>For >10 To 25, Deduct</i>	-2.54	
	<i>For >25 To 50, Deduct</i>	-6.35	
	<i>For >50 To 100, Deduct</i>	-10.16	
	<i>For >100, Deduct</i>	-15.25	
32 93 53 00-0067	EA 24" Balled And Burlapped Shrub Planting	56.07	
	<i>For >10 To 25, Deduct</i>	-2.80	
	<i>For >25 To 50, Deduct</i>	-7.01	
	<i>For >50 To 100, Deduct</i>	-11.21	
	<i>For >100, Deduct</i>	-16.82	
32 93 53 00-0068	EA 30" Balled And Burlapped Shrub Planting	56.07	
	<i>For >10 To 25, Deduct</i>	-2.80	
	<i>For >25 To 50, Deduct</i>	-7.01	
	<i>For >50 To 100, Deduct</i>	-11.21	
	<i>For >100, Deduct</i>	-16.82	
32 93 53 00-0069	EA 36" Balled And Burlapped Shrub Planting	61.33	
	<i>For >10 To 25, Deduct</i>	-3.07	
	<i>For >25 To 50, Deduct</i>	-7.67	
	<i>For >50 To 100, Deduct</i>	-12.27	
	<i>For >100, Deduct</i>	-18.40	
32 93 53 00-0070	EA 42" Balled And Burlapped Shrub Planting	64.84	
	<i>For >10 To 25, Deduct</i>	-3.24	
	<i>For >25 To 50, Deduct</i>	-8.11	
	<i>For >50 To 100, Deduct</i>	-12.97	
	<i>For >100, Deduct</i>	-19.45	
32 93 53 00-0071	EA 48" Balled And Burlapped Shrub Planting	70.10	
	<i>For >10 To 25, Deduct</i>	-3.51	
	<i>For >25 To 50, Deduct</i>	-8.76	
	<i>For >50 To 100, Deduct</i>	-14.02	
	<i>For >100, Deduct</i>	-21.03	
32 93 53 00-0072	EA 5' Balled And Burlapped Shrub Planting	105.15	
	<i>For >10 To 25, Deduct</i>	-5.26	
	<i>For >25 To 50, Deduct</i>	-13.14	
	<i>For >50 To 100, Deduct</i>	-21.03	
	<i>For >100, Deduct</i>	-31.55	
32 93 53 00-0073	EA 6' Balled And Burlapped Shrub Planting	148.95	
	<i>For >10 To 25, Deduct</i>	-7.45	
	<i>For >25 To 50, Deduct</i>	-18.62	
	<i>For >50 To 100, Deduct</i>	-29.79	
	<i>For >100, Deduct</i>	-44.69	
32 93 53 00-0074	EA 7' Balled And Burlapped Shrub Planting	198.03	
	<i>For >10 To 25, Deduct</i>	-9.90	
	<i>For >25 To 50, Deduct</i>	-24.75	
	<i>For >50 To 100, Deduct</i>	-39.61	
	<i>For >100, Deduct</i>	-59.41	
32 93 53 00-0075	EA 8' Balled And Burlapped Shrub Planting	224.31	
	<i>For >10 To 25, Deduct</i>	-11.22	
	<i>For >25 To 50, Deduct</i>	-28.04	
	<i>For >50 To 100, Deduct</i>	-44.86	
	<i>For >100, Deduct</i>	-67.29	
32 93 53 00-0076	EA 9' Balled And Burlapped Shrub Planting	241.83	
	<i>For >10 To 25, Deduct</i>	-12.09	
	<i>For >25 To 50, Deduct</i>	-30.23	
	<i>For >50 To 100, Deduct</i>	-48.37	
	<i>For >100, Deduct</i>	-72.55	
32 93 53 00-0077	EA 10' Balled And Burlapped Shrub Planting	262.87	
	<i>For >10 To 25, Deduct</i>	-13.14	
	<i>For >25 To 50, Deduct</i>	-32.86	
	<i>For >50 To 100, Deduct</i>	-52.57	
	<i>For >100, Deduct</i>	-78.86	
32 93 53 00-0078	Planting Groundcover, Vines, Perennials, Annuals And Bulbs (32 93 53)		
	See CSI section 32 91 13 16-0001 for mulch.		
32 93 53 00-0079	EA 2-1/4" Diameter Potted Groundcover And Flower Planting	1.46	
	<i>For >10 To 25, Deduct</i>	-0.07	
	<i>For >25 To 50, Deduct</i>	-0.18	
	<i>For >50 To 100, Deduct</i>	-0.29	
	<i>For >100, Deduct</i>	-0.44	
32 93 53 00-0080	EA 3" Diameter Potted Groundcover And Flower Planting	1.66	
	<i>For >10 To 25, Deduct</i>	-0.08	
	<i>For >25 To 50, Deduct</i>	-0.21	
	<i>For >50 To 100, Deduct</i>	-0.33	
	<i>For >100, Deduct</i>	-0.50	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 53 00-0081	EA	4" Diameter Potted Groundcover And Flower Planting.....	1.95	
		For >10 To 25, Deduct	-0.10	
		For >25 To 50, Deduct	-0.24	
		For >50 To 100, Deduct	-0.39	
		For >100, Deduct	-0.59	
32 93 53 00-0082	EA	5-1/2" Diameter Potted Groundcover And Flower Planting.....	2.34	
		For >10 To 25, Deduct	-0.12	
		For >25 To 50, Deduct	-0.29	
		For >50 To 100, Deduct	-0.47	
		For >100, Deduct	-0.70	
32 93 53 00-0083	EA	6" Diameter Potted Groundcover And Flower Planting.....	2.92	
		For >10 To 25, Deduct	-0.15	
		For >25 To 50, Deduct	-0.37	
		For >50 To 100, Deduct	-0.58	
		For >100, Deduct	-0.88	
32 93 53 00-0084	EA	8" Diameter Potted Groundcover And Flower Planting.....	4.38	
		For >10 To 25, Deduct	-0.22	
		For >25 To 50, Deduct	-0.55	
		For >50 To 100, Deduct	-0.88	
		For >100, Deduct	-1.31	
32 93 53 00-0085	EA	1 Gallon Container Groundcover And Flower Planting.....	14.02	
		For >10 To 25, Deduct	-0.70	
		For >25 To 50, Deduct	-1.75	
		For >50 To 100, Deduct	-2.80	
		For >100, Deduct	-4.21	
32 93 53 00-0086	EA	2 Gallon Container Groundcover And Flower Planting.....	19.28	
		For >10 To 25, Deduct	-0.96	
		For >25 To 50, Deduct	-2.41	
		For >50 To 100, Deduct	-3.86	
		For >100, Deduct	-5.78	
32 93 53 00-0087	EA	3 Gallon Container Groundcover And Flower Planting.....	24.54	
		For >10 To 25, Deduct	-1.23	
		For >25 To 50, Deduct	-3.07	
		For >50 To 100, Deduct	-4.91	
		For >100, Deduct	-7.36	
32 93 53 00-0088	EA	4 Gallon Container Groundcover And Flower Planting.....	31.55	
		For >10 To 25, Deduct	-1.58	
		For >25 To 50, Deduct	-3.94	
		For >50 To 100, Deduct	-6.31	
		For >100, Deduct	-9.47	
32 93 53 00-0089	EA	5 Gallon Container Groundcover And Flower Planting.....	38.55	
		For >10 To 25, Deduct	-1.93	
		For >25 To 50, Deduct	-4.82	
		For >50 To 100, Deduct	-7.71	
		For >100, Deduct	-11.57	
32 93 53 00-0090	EA	7 Gallon Container Groundcover And Flower Planting.....	52.57	
		For >10 To 25, Deduct	-2.63	
		For >25 To 50, Deduct	-6.57	
		For >50 To 100, Deduct	-10.51	
		For >100, Deduct	-15.77	
32 93 53 00-0091	EA	Up To 25 Each Bulb Planting.....	0.87	
32 93 53 00-0092	EA	26 To 50 Each Bulb Planting.....	0.78	
32 93 53 00-0093	LOT	Lots Of 50 Bulb Planting.....	32.65	
32 93 53 00-0094	LOT	Lots Of 60 Bulb Planting.....	39.19	
32 93 53 00-0095	LOT	Lots Of 100 Bulb Planting.....	58.78	
32 93 53 00-0096	EA	Flats Of 24 Groundcover And Flower Planting.....	24.53	
		For >10 To 25, Deduct	-1.23	
		For >25, Deduct	-3.07	
32 93 53 00-0097	EA	Flats Of 36 Groundcover And Flower Planting.....	34.80	
		For >10 To 25, Deduct	-1.74	
		For >25, Deduct	-4.35	
32 93 53 00-0098	EA	Flats Of 48 Groundcover And Flower Planting.....	46.33	
		For >10 To 25, Deduct	-2.32	
		For >25, Deduct	-5.79	

32 94 Planting Accessories (32 90)**32 94 13 Landscape Edging (32 94)**

Note: Including stakes.

32 94 13 00-0001 Landscape Edging (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging.....	6.54	2.13
32 94 13 00-0003	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging.....	7.01	2.13
32 94 13 00-0004	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	7.04	2.13
32 94 13 00-0005	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging.....	7.91	2.20
32 94 13 00-0006	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging.....	8.49	2.20
32 94 13 00-0007	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging.....	8.48	2.20
32 94 13 00-0008	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging.....	7.24	2.27
32 94 13 00-0009	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging.....	7.89	2.27
32 94 13 00-0010	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging.....	7.96	2.27
32 94 13 00-0011	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging.....	8.82	2.34
32 94 13 00-0012	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging.....	9.47	2.34
32 94 13 00-0013	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging.....	9.52	2.34
32 94 13 00-0014	LF	3/16" x 4" Powder Coated Steel Landscape Edging.....	7.87	2.20
32 94 13 00-0015	LF	1/4" x 5" Powder Coated Steel Landscape Edging.....	10.44	2.20
32 94 13 00-0016	LF	4-1/2" x 12" Granite Edging.....	21.47	9.80
32 94 13 00-0017	LF	2" x 8" x 16" Precast Scallops, Green.....	4.68	1.49
32 94 13 00-0018	LF	2" x 8" x 16" Precast Scallops, Other Than Green.....	4.34	1.49

MINOR	DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-------------	--	------------------------	----------------------

32 94 13 00-0019	LF	Brick, Set Horizontally, 1-1/2 Per LF.....	4.37	1.63
32 94 13 00-0020	LF	Brick, Set Horizontally, 3 Per LF.....	11.16	4.46
32 94 13 00-0021	LF	"V" Trenching By Machine, 4" Deep x 4" Wide.....	1.79	

32 94 16 Landscape Timbers (32 94)

32 94 16 00-0001	LF	6" x 8" Railroad Ties.....	10.89	3.48
32 94 16 00-0002	LF	7" x 9" Railroad Ties.....	13.10	4.37
32 94 16 00-0003	LF	1" x 4" Redwood.....	3.86	1.26
32 94 16 00-0004	LF	2" x 4" Redwood Edging.....	5.27	1.90
32 94 16 00-0005	LF	4" x 6" Pressure Treated Hardwood.....	6.11	2.54
32 94 16 00-0006	LF	6" x 6" Pressure Treated Hardwood.....	7.80	3.17
32 94 16 00-0007	LF	6" x 8" Pressure Treated Hardwood.....	9.13	3.73
32 94 16 00-0008	LF	1" x 4" Pressure Treated Pine.....	2.72	1.26
32 94 16 00-0009	LF	2" x 4" Pressure Treated Pine.....	4.07	1.90
32 94 16 00-0010	LF	4" x 6" Pressure Treated Pine.....	5.83	2.45
32 94 16 00-0011	LF	6" x 6" Pressure Treated Pine.....	7.76	3.17
32 94 16 00-0012	LF	6" x 8" Pressure Treated Pine.....	9.33	3.73

32 94 43 Tree Grates (32 94)

32 94 43 00-0001 Tree Grates With Frames (32 94 43)

32 94 43 00-0002 Round Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 94 43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Gate With Frame.....	465.30	45.65
		For >3 To 9, Deduct.....	-28.05	
		For >9, Deduct.....	-57.97	
32 94 43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Gate With Frame.....	533.29	45.65
		For >3 To 9, Deduct.....	-33.15	
		For >9, Deduct.....	-68.51	
32 94 43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Gate With Frame.....	648.72	60.86
		For >3 To 9, Deduct.....	-39.53	
		For >9, Deduct.....	-81.69	
32 94 43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Gate With Frame.....	796.72	60.86
		For >3 To 9, Deduct.....	-50.63	
		For >9, Deduct.....	-104.63	
32 94 43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Gate With Frame.....	1,020.15	76.08
		For >3 To 9, Deduct.....	-65.10	
		For >9, Deduct.....	-134.54	
32 94 43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Gate With Frame.....	1,078.58	91.29
		For >3 To 9, Deduct.....	-67.20	
		For >9, Deduct.....	-138.88	
32 94 43 00-0009	EA	60" Diameter, >350 LB Cast Iron Tree Gate With Frame.....	1,181.58	91.29
		For >3 To 9, Deduct.....	-74.93	
		For >9, Deduct.....	-154.85	
32 94 43 00-0010	EA	72" Diameter, Up To 550 LB Cast Iron Tree Gate With Frame.....	1,578.66	129.33
		For >3 To 9, Deduct.....	-99.00	
		For >9, Deduct.....	-204.60	
32 94 43 00-0011	EA	72" Diameter, >500 To 550 LB Cast Iron Tree Gate With Frame.....	1,638.66	129.33
		For >3 To 9, Deduct.....	-103.50	
		For >9, Deduct.....	-213.90	
32 94 43 00-0012	EA	72" Diameter, >600 To 650 LB Cast Iron Tree Gate With Frame.....	1,688.66	129.33
		For >3 To 9, Deduct.....	-107.25	
		For >9, Deduct.....	-221.65	
32 94 43 00-0013	EA	72" Diameter, >650 To 700 LB Cast Iron Tree Gate With Frame.....	1,728.66	129.33
		For >3 To 9, Deduct.....	-110.25	
		For >9, Deduct.....	-227.85	
32 94 43 00-0014	EA	72" Diameter, >700 LB Cast Iron Tree Gate With Frame.....	1,758.66	129.33
		For >3 To 9, Deduct.....	-112.50	
		For >9, Deduct.....	-232.50	
32 94 43 00-0015	EA	93" Diameter, 950 To 1,000 LB Cast Iron Tree Gate With Frame.....	1,936.31	152.15
		For >3 To 9, Deduct.....	-122.40	
		For >9, Deduct.....	-252.96	

32 94 43 00-0016 Square Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 94 43 00-0017	EA	30" x 30", 75 To 125 LB Cast Iron Tree Gate With Frame.....	431.29	45.65
		For >3 To 9, Deduct.....	-25.50	
		For >9, Deduct.....	-52.70	
32 94 43 00-0018	EA	36" x 36", 100 To 150 LB Cast Iron Tree Gate With Frame.....	516.29	45.65
		For >3 To 9, Deduct.....	-31.88	
		For >9, Deduct.....	-65.88	
32 94 43 00-0019	EA	48" x 48", Up To 200 LB Cast Iron Tree Gate With Frame.....	772.15	76.08
		For >3 To 9, Deduct.....	-46.50	
		For >9, Deduct.....	-96.10	
32 94 43 00-0020	EA	48" x 48", >200 To 250 LB Cast Iron Tree Gate With Frame.....	902.15	76.08
		For >3 To 9, Deduct.....	-56.25	
		For >9, Deduct.....	-116.25	
32 94 43 00-0021	EA	48" x 48", >250 To 300 LB Cast Iron Tree Gate With Frame.....	1,022.15	76.08
		For >3 To 9, Deduct.....	-65.25	
		For >9, Deduct.....	-134.85	
32 94 43 00-0022	EA	48" x 48", >300 To 350 LB Cast Iron Tree Gate With Frame.....	1,132.15	76.08
		For >3 To 9, Deduct.....	-73.50	
		For >9, Deduct.....	-151.90	
32 94 43 00-0023	EA	48" x 48", >350 To 400 LB Cast Iron Tree Gate With Frame.....	1,232.15	76.08
		For >3 To 9, Deduct.....	-81.00	
		For >9, Deduct.....	-167.40	

32 Exterior Improvements

32 90 Planting

32 94 Planting Accessories

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT
UNIT COSTDEMOLITION
UNIT COST

32 94 43 00-0024	EA	48" x 48", >400 LB Cast Iron Tree Grate With Frame	1,322.15	76.08
		<i>For >3 To 9, Deduct</i>	-87.75	
		<i>For >9, Deduct</i>	-181.35	
32 94 43 00-0025	EA	60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame	1,293.02	106.50
		<i>For >3 To 9, Deduct</i>	-81.00	
		<i>For >9, Deduct</i>	-167.40	
32 94 43 00-0026	EA	60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame	1,383.02	106.50
		<i>For >3 To 9, Deduct</i>	-87.75	
		<i>For >9, Deduct</i>	-181.35	
32 94 43 00-0027	EA	60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame	1,463.02	106.50
		<i>For >3 To 9, Deduct</i>	-93.75	
		<i>For >9, Deduct</i>	-193.75	
32 94 43 00-0028	EA	60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame	1,533.02	106.50
		<i>For >3 To 9, Deduct</i>	-99.00	
		<i>For >9, Deduct</i>	-204.60	
32 94 43 00-0029	EA	60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame	1,593.02	106.50
		<i>For >3 To 9, Deduct</i>	-103.50	
		<i>For >9, Deduct</i>	-213.90	
32 94 43 00-0030	EA	60" x 60", >600 LB Cast Iron Tree Grate With Frame	1,643.02	106.50
		<i>For >3 To 9, Deduct</i>	-107.25	
		<i>For >9, Deduct</i>	-221.65	
32 94 43 00-0031	EA	72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame	1,578.66	129.33
		<i>For >3 To 9, Deduct</i>	-99.00	
		<i>For >9, Deduct</i>	-204.60	
32 94 43 00-0032	EA	72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame	1,638.66	129.33
		<i>For >3 To 9, Deduct</i>	-103.50	
		<i>For >9, Deduct</i>	-213.90	
32 94 43 00-0033	EA	72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame	1,688.66	129.33
		<i>For >3 To 9, Deduct</i>	-107.25	
		<i>For >9, Deduct</i>	-221.65	
32 94 43 00-0034	EA	72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame	1,728.66	129.33
		<i>For >3 To 9, Deduct</i>	-110.25	
		<i>For >9, Deduct</i>	-227.85	
32 94 43 00-0035	EA	72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame	1,758.66	129.33
		<i>For >3 To 9, Deduct</i>	-112.50	
		<i>For >9, Deduct</i>	-232.50	
32 94 43 00-0036	EA	72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame	1,778.66	129.33
		<i>For >3 To 9, Deduct</i>	-114.00	
		<i>For >9, Deduct</i>	-235.60	
32 94 43 00-0037	EA	72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame	1,788.66	129.33
		<i>For >3 To 9, Deduct</i>	-114.75	
		<i>For >9, Deduct</i>	-237.15	
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame	1,798.66	129.33
		<i>For >3 To 9, Deduct</i>	-115.50	
		<i>For >9, Deduct</i>	-238.70	

32 94 43 00-0039 Rectangular Cast Iron Tree Grates With Frames (32 94 43 00-0001)

32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame	796.72	60.86
		<i>For >3 To 9, Deduct</i>	-50.63	
		<i>For >9, Deduct</i>	-104.63	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame	811.72	60.86
		<i>For >3 To 9, Deduct</i>	-51.75	
		<i>For >9, Deduct</i>	-106.95	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame	993.15	76.08
		<i>For >3 To 9, Deduct</i>	-63.08	
		<i>For >9, Deduct</i>	-130.36	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame	1,160.15	76.08
		<i>For >3 To 9, Deduct</i>	-75.60	
		<i>For >9, Deduct</i>	-156.24	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame	1,232.15	76.08
		<i>For >3 To 9, Deduct</i>	-81.00	
		<i>For >9, Deduct</i>	-167.40	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame	1,668.66	129.33
		<i>For >3 To 9, Deduct</i>	-105.75	
		<i>For >9, Deduct</i>	-218.55	

32 94 49 Plant And Tree Accessories (32 94)**32 94 49 00-0001 Tree Guying** (32 94 49)**32 94 49 00-0002 Tree Guying, Stakes** (32 94 49 00-0001)

Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.

32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap	18.85	
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap	33.78	
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap	58.07	

32 94 49 00-0006 Tree Guying, Anchors (32 94 49 00-0001)

Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.

32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope	78.83	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope	106.29	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	135.90	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope	175.94	

32 94 49 00-0011 Tree Wrap (32 94 49)

32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree	5.16	
------------------	----	--	------	--

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST

32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree.....	8.48
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree.....	16.60
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree.....	25.17

32 94 49 00-0016 Tree Guards (32 94 49)

32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard.....	8.07
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard.....	7.59

32 94 49 00-0019 Stake Out Tree And Shrub Locations (32 94 49)

Note: When no design available.

32 94 49 00-0020	EA	Stake Out Trees Or Shrubs.....	5.27
------------------	----	--------------------------------	------

32 94 49 00-0021 Root Barriers (32 94 49)

32 94 49 00-0022	EA	18" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	12.22
32 94 49 00-0023	EA	24" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	14.49
32 94 49 00-0024	EA	36" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	19.55
32 94 49 00-0025	EA	48" High x 24" Long Root Barrier Panel, .080" Polypropylene, With Self Locking Joiner.....	26.32

32 96 Transplanting (32 96)

See CSI section 32 94 49 00-0001 for guying.

32 96 33 Shrub Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 33 00-0001 Moving Shrubs On Site, Relocate (32 96 33)

Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.

32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site.....	51.35
		<i>For >25 To 50, Deduct</i>	-5.14
		<i>For >50, Deduct</i>	-7.70
32 96 33 00-0003	EA	>18" To 24" Root Ball, Move Shrubs On Site.....	70.43
		<i>For >25 To 50, Deduct</i>	-7.04
		<i>For >50, Deduct</i>	-10.56
32 96 33 00-0004	EA	>24" To 30" Root Ball, Move Shrubs On Site.....	88.03
		<i>For >25 To 50, Deduct</i>	-8.80
		<i>For >50, Deduct</i>	-13.20
32 96 33 00-0005	EA	>30" To 36" Root Ball, Move Shrubs On Site.....	114.65
		<i>For >25 To 50, Deduct</i>	-11.47
		<i>For >50, Deduct</i>	-17.20

32 96 43 Tree Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

32 96 43 00-0001 Moving Trees On Site, Relocate (32 96 43)

Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.

32 96 43 00-0002	EA	Up To 24" Root Ball, Move Trees On Site.....	213.47
		<i>For >5 To 10, Deduct</i>	-10.67
		<i>For >10 To 20, Deduct</i>	-21.35
		<i>For >20, Deduct</i>	-32.02
32 96 43 00-0003	EA	>24" To 30" Root Ball, Move Trees On Site.....	292.75
		<i>For >5 To 10, Deduct</i>	-14.64
		<i>For >10 To 20, Deduct</i>	-29.28
		<i>For >20, Deduct</i>	-43.91
32 96 43 00-0004	EA	>30" To 36" Root Ball, Move Trees On Site.....	474.36
		<i>For >5 To 10, Deduct</i>	-23.72
		<i>For >10 To 20, Deduct</i>	-47.44
		<i>For >20, Deduct</i>	-71.15
32 96 43 00-0005	EA	>36" To 48" Root Ball, Move Trees On Site.....	788.16
		<i>For >5 To 10, Deduct</i>	-39.41
		<i>For >10 To 20, Deduct</i>	-78.82
		<i>For >20, Deduct</i>	-118.22
32 96 43 00-0006	EA	>48" To 60" Root Ball, Move Trees On Site.....	1,280.77
		<i>For >5 To 10, Deduct</i>	-64.04
		<i>For >10 To 20, Deduct</i>	-128.08
		<i>For >20, Deduct</i>	-192.12
32 96 43 00-0007	EA	>60" To 72" Root Ball, Move Trees On Site.....	1,652.61
		<i>For >5 To 10, Deduct</i>	-82.63
		<i>For >10 To 20, Deduct</i>	-165.26
		<i>For >20, Deduct</i>	-247.89
32 96 43 00-0008	EA	>72" To 84" Root Ball, Move Trees On Site.....	2,134.61
		<i>For >5 To 10, Deduct</i>	-106.73
		<i>For >10 To 20, Deduct</i>	-213.46
		<i>For >20, Deduct</i>	-320.19
32 96 43 00-0009	EA	>84" To 96" Root Ball, Move Trees On Site.....	2,561.54
		<i>For >5 To 10, Deduct</i>	-128.08
		<i>For >10 To 20, Deduct</i>	-256.15
		<i>For >20, Deduct</i>	-384.23
32 96 43 00-0010	EA	>96" To 120" Root Ball, Move Trees On Site.....	2,910.84
		<i>For >5 To 10, Deduct</i>	-145.54
		<i>For >10 To 20, Deduct</i>	-291.08
		<i>For >20, Deduct</i>	-436.63

32 Exterior Improvements

32 90 Planting

32 96 Transplanting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**END OF SECTION 32**

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

33 Utilities

33 01 Operation And Maintenance Of Utilities ⁽³³⁾

33 01 30 Operation And Maintenance Of Sewer Utilities ^(33 01)

33 01 30 16 TV Inspection Of Pipelines ^(33 01 30)

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 16-0001	Remote Visual inspection (RVI) Of Pipe Interior And Culverts ^(33 01 30 16)	
33 01 30 16-0002	Video Camera Set-up ^(33 01 30 16-0001)	
33 01 30 16-0003	EA Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert.....	618.15
	Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1"-12" diameter pipes for distances up to 300 feet.	
33 01 30 16-0004	EA Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert.....	1,236.29
	Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	
33 01 30 16-0005	EA Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert.....	1,854.44
33 01 30 16-0006	EA Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert.....	309.08
33 01 30 16-0007	EA Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert.....	618.15

33 01 30 16-0008 Video Camera Planning And Analysis Inspection ^(33 01 30 16-0001)

Note: For pipe interior and culverts.

33 01 30 16-0009	LF 4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase.....	1.56
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.16
	<i>For >1,000 To 5,000, Deduct</i>	-0.39
	<i>For >5,000, Deduct</i>	-0.55
33 01 30 16-0010	LF >6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase.....	2.09
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.21
	<i>For >1,000 To 5,000, Deduct</i>	-0.52
	<i>For >5,000, Deduct</i>	-0.73
33 01 30 16-0011	LF >12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase.....	2.61
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.26
	<i>For >1,000 To 5,000, Deduct</i>	-0.65
	<i>For >5,000, Deduct</i>	-0.91
33 01 30 16-0012	LF >21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase.....	3.48
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.35
	<i>For >1,000 To 5,000, Deduct</i>	-0.87
	<i>For >5,000, Deduct</i>	-1.22
33 01 30 16-0013	LF >30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase.....	4.89
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.49
	<i>For >1,000 To 5,000, Deduct</i>	-1.22
	<i>For >5,000, Deduct</i>	-1.71
33 01 30 16-0014	LF >42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase.....	6.53
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.65
	<i>For >1,000 To 5,000, Deduct</i>	-1.63
	<i>For >5,000, Deduct</i>	-2.29
33 01 30 16-0015	LF >60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase.....	9.22
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.92
	<i>For >1,000 To 5,000, Deduct</i>	-2.31
	<i>For >5,000, Deduct</i>	-3.23
33 01 30 16-0016	LF >72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase.....	13.06
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-1.31
	<i>For >1,000 To 5,000, Deduct</i>	-3.27
	<i>For >5,000, Deduct</i>	-4.57

33 01 30 16-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts ^(33 01 30 16-0001)

33 01 30 16-0018	LF 4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	2.32
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.23
	<i>For >1,000 To 5,000, Deduct</i>	-0.58
	<i>For >5,000, Deduct</i>	-0.81
33 01 30 16-0019	LF >6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	3.09
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.31
	<i>For >1,000 To 5,000, Deduct</i>	-0.77
	<i>For >5,000, Deduct</i>	-1.08
33 01 30 16-0020	LF >12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	3.86
	Note: CCTV inspection of pipe interior.	
	<i>For >500 To 1,000, Deduct</i>	-0.39
	<i>For >1,000 To 5,000, Deduct</i>	-0.97
	<i>For >5,000, Deduct</i>	-1.35

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30	16-0021	LF >21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....5.15 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.52 For >1,000 To 5,000, Deduct -1.29 For >5,000, Deduct -1.80		
33 01	30	16-0022	LF >30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....7.25 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.73 For >1,000 To 5,000, Deduct -1.81 For >5,000, Deduct -2.54		
33 01	30	16-0023	LF >42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....9.66 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.97 For >1,000 To 5,000, Deduct -2.42 For >5,000, Deduct -3.38		
33 01	30	16-0024	LF >60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....13.64 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -1.36 For >1,000 To 5,000, Deduct -3.41 For >5,000, Deduct -4.77		
33 01	30	16-0025	LF >72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....19.31 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -1.93 For >1,000 To 5,000, Deduct -4.83 For >5,000, Deduct -6.76		
33 01 30 16-0026 Video Camera Post-Rehab For Pipe Interior And Culverts (33 01 30 16-0001)					
33 01	30	16-0027	LF 4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase.....1.65 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.17 For >1,000 To 5,000, Deduct -0.41 For >5,000, Deduct -0.58		
33 01	30	16-0028	LF >6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase.....2.21 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.22 For >1,000 To 5,000, Deduct -0.55 For >5,000, Deduct -0.77		
33 01	30	16-0029	LF >12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase.....2.76 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.28 For >1,000 To 5,000, Deduct -0.69 For >5,000, Deduct -0.97		
33 01	30	16-0030	LF >21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase.....3.68 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.37 For >1,000 To 5,000, Deduct -0.92 For >5,000, Deduct -1.29		
33 01	30	16-0031	LF >30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase.....5.17 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.52 For >1,000 To 5,000, Deduct -1.29 For >5,000, Deduct -1.81		
33 01	30	16-0032	LF >42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase.....6.90 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.69 For >1,000 To 5,000, Deduct -1.73 For >5,000, Deduct -2.42		
33 01	30	16-0033	LF >60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....9.74 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -0.97 For >1,000 To 5,000, Deduct -2.44 For >5,000, Deduct -3.41		
33 01	30	16-0034	LF >72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....13.80 Note: CCTV inspection of pipe interior. For >500 To 1,000, Deduct -1.38 For >1,000 To 5,000, Deduct -3.45 For >5,000, Deduct -4.83		
33 01 30 41 Cleaning of Sewers (33 01 30)					
33 01	30	41-0001	Pipe Line Cleaning And Flushing (33 01 30 41) Note: Includes flushing. Owner provided water.		
33 01	30	41-0002	Pipe Line Cleaning (33 01 30 41-0001) Note: Includes removal of all debris/waste. Excludes disposal.		
33 01	30	41-0003	Hydro Jet Set-up And Reinsertion (33 01 30 41-0002)		
33 01	30	41-0004	EA Initial Set Up And Final Equipment Removal For Jet Cleaning.....1,941.01		
33 01	30	41-0005	EA Move And Reset Up At Different Access/Location For Jet Cleaning.....485.25		
33 01 30 41-0006 Hydro Jet Cleaning Of Sewer And Water Pipelines (33 01 30 41-0002)					
33 01	30	41-0007	LF Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....2.61 For >250 To 500, Deduct -0.13 For >500 To 1,000, Deduct -0.26 For >1,000 To 2,000, Deduct -0.39 For >2,000 To 5,000, Deduct -0.52 For >5,000, Deduct -0.65 For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add 1.96		

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

33 01 30 41-0008	LF 6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	2.99
	<i>For >250 To 500, Deduct</i>	-0.15
	<i>For >500 To 1,000, Deduct</i>	-0.30
	<i>For >1,000 To 2,000, Deduct</i>	-0.45
	<i>For >2,000 To 5,000, Deduct</i>	-0.60
	<i>For >5,000, Deduct</i>	-0.75
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	2.24
33 01 30 41-0009	LF 8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	3.52
	<i>For >250 To 500, Deduct</i>	-0.18
	<i>For >500 To 1,000, Deduct</i>	-0.35
	<i>For >1,000 To 2,000, Deduct</i>	-0.53
	<i>For >2,000 To 5,000, Deduct</i>	-0.70
	<i>For >5,000, Deduct</i>	-0.88
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	2.64
33 01 30 41-0010	LF 10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.35
	<i>For >250 To 500, Deduct</i>	-0.22
	<i>For >500 To 1,000, Deduct</i>	-0.44
	<i>For >1,000 To 2,000, Deduct</i>	-0.65
	<i>For >2,000 To 5,000, Deduct</i>	-0.87
	<i>For >5,000, Deduct</i>	-1.09
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	3.26
33 01 30 41-0011	LF 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes	4.93
	<i>For >250 To 500, Deduct</i>	-0.25
	<i>For >500 To 1,000, Deduct</i>	-0.49
	<i>For >1,000 To 2,000, Deduct</i>	-0.74
	<i>For >2,000 To 5,000, Deduct</i>	-0.99
	<i>For >5,000, Deduct</i>	-1.23
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	3.70
33 01 30 41-0012	LF >12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	5.70
	<i>For >250 To 500, Deduct</i>	-0.29
	<i>For >500 To 1,000, Deduct</i>	-0.57
	<i>For >1,000 To 2,000, Deduct</i>	-0.86
	<i>For >2,000 To 5,000, Deduct</i>	-1.14
	<i>For >5,000, Deduct</i>	-1.43
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	4.28
33 01 30 41-0013	LF >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	6.85
	<i>For >250 To 500, Deduct</i>	-0.34
	<i>For >500 To 1,000, Deduct</i>	-0.69
	<i>For >1,000 To 2,000, Deduct</i>	-1.03
	<i>For >2,000 To 5,000, Deduct</i>	-1.37
	<i>For >5,000, Deduct</i>	-1.71
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	5.14
33 01 30 41-0014	LF >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	7.78
	<i>For >250 To 500, Deduct</i>	-0.39
	<i>For >500 To 1,000, Deduct</i>	-0.78
	<i>For >1,000 To 2,000, Deduct</i>	-1.17
	<i>For >2,000 To 5,000, Deduct</i>	-1.56
	<i>For >5,000, Deduct</i>	-1.95
	<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	5.84

33 01 30 41-0015 Flushing Of Storm Water Pipelines (33 01 30 41-0002)

Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.

33 01 30 41-0016	LF 12" To 16" Diameter Pipe Line Flushing	1.13
	<i>For >250 To 500, Deduct</i>	-0.06
	<i>For >500 To 1,000, Deduct</i>	-0.11
	<i>For >1,000 To 2,000, Deduct</i>	-0.17
	<i>For >2,000 To 5,000, Deduct</i>	-0.23
	<i>For >5,000, Deduct</i>	-0.28
33 01 30 41-0017	LF >16" To 24" Diameter Pipe Line Flushing	1.29
	<i>For >250 To 500, Deduct</i>	-0.06
	<i>For >500 To 1,000, Deduct</i>	-0.13
	<i>For >1,000 To 2,000, Deduct</i>	-0.19
	<i>For >2,000 To 5,000, Deduct</i>	-0.26
	<i>For >5,000, Deduct</i>	-0.32
33 01 30 41-0018	LF >24" To 30" Diameter Pipe Line Flushing	1.52
	<i>For >250 To 500, Deduct</i>	-0.08
	<i>For >500 To 1,000, Deduct</i>	-0.15
	<i>For >1,000 To 2,000, Deduct</i>	-0.23
	<i>For >2,000 To 5,000, Deduct</i>	-0.30
	<i>For >5,000, Deduct</i>	-0.38
33 01 30 41-0019	LF >30" To 42" Diameter Pipe Line Flushing	1.76
	<i>For >250 To 500, Deduct</i>	-0.09
	<i>For >500 To 1,000, Deduct</i>	-0.18
	<i>For >1,000 To 2,000, Deduct</i>	-0.26
	<i>For >2,000 To 5,000, Deduct</i>	-0.35
	<i>For >5,000, Deduct</i>	-0.44
33 01 30 41-0020	LF >42" To 60" Diameter Pipe Line Flushing	2.34
	<i>For >250 To 500, Deduct</i>	-0.12
	<i>For >500 To 1,000, Deduct</i>	-0.23
	<i>For >1,000 To 2,000, Deduct</i>	-0.35
	<i>For >2,000 To 5,000, Deduct</i>	-0.47
	<i>For >5,000, Deduct</i>	-0.59

33 01 30 41-0021 Hydro Jet Cleaning Of Culverts (33 01 30 41-0002)

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 41-0022	LF Jet Cleaning Of Culvert, 0-250 LF.....	12.07	
	<i>For >250 To 500, Deduct</i>	-0.60	
	<i>For >500 To 1,000, Deduct</i>	-1.21	
	<i>For >1,000 To 2,000, Deduct</i>	-1.81	
	<i>For >2,000 To 5,000, Deduct</i>	-2.41	
	<i>For >5,000, Deduct</i>	-3.02	
33 01 30 41-0023	Pipe Line Cleaning, Mechanical Method <small>(33 01 30 41-0001)</small>		
	Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0024	EA Initial Set Up And Final Equipment Removal For Mechanical Cleaning.....	916.74	
33 01 30 41-0025	EA Move And Reset Up At Different Access/Location.....	305.58	
33 01 30 41-0026	LF Up To 4" Diameter Pipe Line Cleaning, Mechanical Method.....	5.25	
	<i>For >250 To 500, Deduct</i>	-0.26	
	<i>For >500 To 1,000, Deduct</i>	-0.51	
	<i>For >1,000 To 2,000, Deduct</i>	-0.77	
	<i>For >2,000 To 5,000, Deduct</i>	-1.02	
	<i>For >5,000, Deduct</i>	-1.28	
33 01 30 41-0027	LF 6" Diameter Pipe Line Cleaning, Mechanical Method.....	6.85	
	<i>For >250 To 500, Deduct</i>	-0.33	
	<i>For >500 To 1,000, Deduct</i>	-0.66	
	<i>For >1,000 To 2,000, Deduct</i>	-0.98	
	<i>For >2,000 To 5,000, Deduct</i>	-1.31	
	<i>For >5,000, Deduct</i>	-1.64	
33 01 30 41-0028	LF 8" Diameter Pipe Line Cleaning, Mechanical Method.....	8.01	
	<i>For >250 To 500, Deduct</i>	-0.38	
	<i>For >500 To 1,000, Deduct</i>	-0.76	
	<i>For >1,000 To 2,000, Deduct</i>	-1.15	
	<i>For >2,000 To 5,000, Deduct</i>	-1.53	
	<i>For >5,000, Deduct</i>	-1.91	
33 01 30 41-0029	LF 10" Diameter Pipe Line Cleaning, Mechanical Method.....	9.27	
	<i>For >250 To 500, Deduct</i>	-0.44	
	<i>For >500 To 1,000, Deduct</i>	-0.88	
	<i>For >1,000 To 2,000, Deduct</i>	-1.32	
	<i>For >2,000 To 5,000, Deduct</i>	-1.76	
	<i>For >5,000, Deduct</i>	-2.21	
33 01 30 41-0030	LF 12" Diameter Pipe Line Cleaning, Mechanical Method.....	10.07	
	<i>For >250 To 500, Deduct</i>	-0.48	
	<i>For >500 To 1,000, Deduct</i>	-0.96	
	<i>For >1,000 To 2,000, Deduct</i>	-1.43	
	<i>For >2,000 To 5,000, Deduct</i>	-1.91	
	<i>For >5,000, Deduct</i>	-2.39	
33 01 30 41-0031	LF >12" To 16" Diameter Pipe Line Cleaning, Mechanical Method.....	11.58	
	<i>For >250 To 500, Deduct</i>	-0.55	
	<i>For >500 To 1,000, Deduct</i>	-1.09	
	<i>For >1,000 To 2,000, Deduct</i>	-1.64	
	<i>For >2,000 To 5,000, Deduct</i>	-2.18	
	<i>For >5,000, Deduct</i>	-2.73	
33 01 30 41-0032	LF >16" To 24" Diameter Pipe Line Cleaning, Mechanical Method.....	14.54	
	<i>For >250 To 500, Deduct</i>	-0.67	
	<i>For >500 To 1,000, Deduct</i>	-1.35	
	<i>For >1,000 To 2,000, Deduct</i>	-2.02	
	<i>For >2,000 To 5,000, Deduct</i>	-2.70	
	<i>For >5,000, Deduct</i>	-3.37	
33 01 30 41-0033	LF >24" To 30" Diameter Pipe Line Cleaning, Mechanical Method.....	16.53	
	<i>For >250 To 500, Deduct</i>	-0.75	
	<i>For >500 To 1,000, Deduct</i>	-1.50	
	<i>For >1,000 To 2,000, Deduct</i>	-2.25	
	<i>For >2,000 To 5,000, Deduct</i>	-3.01	
	<i>For >5,000, Deduct</i>	-3.76	
33 01 30 41-0034	LF >30" To 42" Diameter Pipe Line Cleaning, Mechanical Method.....	19.16	
	<i>For >250 To 500, Deduct</i>	-0.86	
	<i>For >500 To 1,000, Deduct</i>	-1.73	
	<i>For >1,000 To 2,000, Deduct</i>	-2.59	
	<i>For >2,000 To 5,000, Deduct</i>	-3.46	
	<i>For >5,000, Deduct</i>	-4.32	
33 01 30 41-0035	LF >42 To 60" Diameter Pipe Line Cleaning, Mechanical Method.....	25.17	
	<i>For >250 To 500, Deduct</i>	-1.15	
	<i>For >500 To 1,000, Deduct</i>	-2.29	
	<i>For >1,000 To 2,000, Deduct</i>	-3.44	
	<i>For >2,000 To 5,000, Deduct</i>	-4.58	
	<i>For >5,000, Deduct</i>	-5.73	
33 01 30 41-0036	LF >60" Diameter Pipe Line Cleaning, Mechanical Method.....	28.47	
	<i>For >250 To 500, Deduct</i>	-1.27	
	<i>For >500 To 1,000, Deduct</i>	-2.55	
	<i>For >1,000 To 2,000, Deduct</i>	-3.82	
	<i>For >2,000 To 5,000, Deduct</i>	-5.09	
	<i>For >5,000, Deduct</i>	-6.37	
33 01 30 41-0037	Pipe Line Auguring/Rod Out Pipe <small>(33 01 30 41-0001)</small>		
33 01 30 41-0038	EA Initial Set Up And Final Equipment Removal For Auguring.....	916.74	
33 01 30 41-0039	EA Move And Reset Up At Different Location.....	305.58	
33 01 30 41-0040	LF Up To 4" Diameter Pipe Line Auguring/Rod Out.....	3.05	
	<i>For >250 To 500, Deduct</i>	-0.15	
	<i>For >500 To 1,000, Deduct</i>	-0.31	
	<i>For >1,000 To 2,000, Deduct</i>	-0.46	
	<i>For >2,000 To 5,000, Deduct</i>	-0.61	
	<i>For >5,000, Deduct</i>	-0.76	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
33 01 30 41-0041	LF 6" Diameter Pipe Line Auguring/Rod Out	3.95	
	For >250 To 500, Deduct	-0.20	
	For >500 To 1,000, Deduct	-0.40	
	For >1,000 To 2,000, Deduct	-0.59	
	For >2,000 To 5,000, Deduct	-0.79	
	For >5,000, Deduct	-0.99	
33 01 30 41-0042	LF 8" Diameter Pipe Line Auguring/Rod Out	4.58	
	For >250 To 500, Deduct	-0.23	
	For >500 To 1,000, Deduct	-0.46	
	For >1,000 To 2,000, Deduct	-0.69	
	For >2,000 To 5,000, Deduct	-0.92	
	For >5,000, Deduct	-1.15	
33 01 30 41-0043	LF 10" Diameter Pipe Line Auguring/Rod Out	5.33	
	For >250 To 500, Deduct	-0.27	
	For >500 To 1,000, Deduct	-0.53	
	For >1,000 To 2,000, Deduct	-0.80	
	For >2,000 To 5,000, Deduct	-1.07	
	For >5,000, Deduct	-1.33	
33 01 30 41-0044	LF 12" Diameter Pipe Line Auguring/Rod Out	5.73	
	For >250 To 500, Deduct	-0.29	
	For >500 To 1,000, Deduct	-0.57	
	For >1,000 To 2,000, Deduct	-0.86	
	For >2,000 To 5,000, Deduct	-1.15	
	For >5,000, Deduct	-1.43	
33 01 30 41-0045	LF >12" To 16" Diameter Pipe Line Auguring/Rod Out	6.55	
	For >250 To 500, Deduct	-0.33	
	For >500 To 1,000, Deduct	-0.66	
	For >1,000 To 2,000, Deduct	-0.98	
	For >2,000 To 5,000, Deduct	-1.31	
	For >5,000, Deduct	-1.64	
33 01 30 41-0046	LF >16" To 24" Diameter Pipe Line Auguring/Rod Out	8.04	
	For >250 To 500, Deduct	-0.40	
	For >500 To 1,000, Deduct	-0.80	
	For >1,000 To 2,000, Deduct	-1.21	
	For >2,000 To 5,000, Deduct	-1.61	
	For >5,000, Deduct	-2.01	
33 01 30 41-0047	LF >24" To 30" Diameter Pipe Line Auguring/Rod Out	8.99	
	For >250 To 500, Deduct	-0.45	
	For >500 To 1,000, Deduct	-0.90	
	For >1,000 To 2,000, Deduct	-1.35	
	For >2,000 To 5,000, Deduct	-1.80	
	For >5,000, Deduct	-2.25	
33 01 30 41-0048	LF >30" To 42" Diameter Pipe Line Auguring/Rod Out	10.42	
	For >250 To 500, Deduct	-0.52	
	For >500 To 1,000, Deduct	-1.04	
	For >1,000 To 2,000, Deduct	-1.56	
	For >2,000 To 5,000, Deduct	-2.08	
	For >5,000, Deduct	-2.61	
33 01 30 41-0049	LF >42 To 60" Diameter Pipe Line Auguring/Rod Out	14.32	
	For >250 To 500, Deduct	-0.72	
	For >500 To 1,000, Deduct	-1.43	
	For >1,000 To 2,000, Deduct	-2.15	
	For >2,000 To 5,000, Deduct	-2.86	
	For >5,000, Deduct	-3.58	
33 01 30 41-0050	LF >60" Diameter Pipe Line Auguring/Rod Out	15.28	
	For >250 To 500, Deduct	-0.76	
	For >500 To 1,000, Deduct	-1.53	
	For >1,000 To 2,000, Deduct	-2.29	
	For >2,000 To 5,000, Deduct	-3.06	
	For >5,000, Deduct	-3.82	

33 01 30 42 Cleaning of Manholes (33 01 30)

33 01 30 42-0001 Structure Cleaning And Flushing (33 01 30 42)
 Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations (33 01 30 42-0001)

33 01 30 42-0003	EA Rod Out Sewer Catch Basin	77.35
33 01 30 42-0004	EA Clean Out Debris From Entrance To Inlet Structure	193.36
33 01 30 42-0005	EA 3' To 4' Diameter, Clean Out Blocked Manhole By Hand.....	700.98
	For >10 To 100, Deduct	-105.15
	For >100 To 250, Deduct	-157.72
	For >250, Deduct	-210.29
33 01 30 42-0006	EA 5' To 6' Diameter, Clean Out Blocked Manhole By Hand.....	841.17
	For >10 To 100, Deduct	-126.18
	For >100 To 250, Deduct	-189.26
	For >250, Deduct	-252.35
33 01 30 42-0007	EA Clean Out Blocked Catch Basin By Hand.....	420.59
	For >10 To 100, Deduct	-63.09
	For >100 To 250, Deduct	-94.63
	For >250, Deduct	-126.18

33 01 30 42-0008 Cleaning Manholes And Drainage Structures (33 01 30 42-0001)

33 01 30 42-0009	VLF Waterblast Cleaning For 3' To 4' Diameter Manhole	80.88
33 01 30 42-0010	VLF Waterblast Cleaning For 5' To 6' Diameter Manhole	101.09
33 01 30 42-0011	EA Vacuum Out 1 To 2 Catch Basins Or Manholes	1,033.29
	Note: Includes vacuum pump equipment.	

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 42-0012	EA	Vacuum Out 3 To 10 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	774.96
33 01 30 42-0013	EA	Vacuum Out 11 To 25 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	516.64
33 01 30 42-0014	EA	Vacuum Out 26 To 100 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	452.06
33 01 30 42-0015	EA	Vacuum Out 101 To 250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	419.77
33 01 30 42-0016	EA	Vacuum Out >250 Catch Basins Or Manholes Note: Includes vacuum pump equipment.	387.48

33 01 30 51 Maintenance Of Utilities (33 01 30)

33 01 30 51-0001 Pipe Repair (33 01 30 51)

33 01 30 51-0002 Pipe Repair Clamp, Full Circle, Single Band (33 01 30 51-0001)

Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.

33 01 30 51-0003	EA	2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	109.46 18.76
33 01 30 51-0004	EA	2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	156.74 28.27
33 01 30 51-0005	EA	2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	181.56 33.30
33 01 30 51-0006	EA	2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	207.12 38.31
33 01 30 51-0007	EA	2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	118.17 20.38
33 01 30 51-0008	EA	2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	166.69 30.17
33 01 30 51-0009	EA	2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	191.41 35.08
33 01 30 51-0010	EA	2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	221.57 41.05
33 01 30 51-0011	EA	3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	127.35 22.29
33 01 30 51-0012	EA	3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	173.51 31.55
33 01 30 51-0013	EA	3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	200.96 36.99
33 01 30 51-0014	EA	3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	234.87 43.91
33 01 30 51-0015	EA	4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	143.64 25.34
33 01 30 51-0016	EA	4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	190.19 34.12
33 01 30 51-0017	EA	4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	230.76 41.53
33 01 30 51-0018	EA	4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	278.05 50.10
33 01 30 51-0019	EA	4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	364.83 67.29
33 01 30 51-0020	EA	4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	454.46 84.48
33 01 30 51-0021	EA	4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	554.83 103.63
33 01 30 51-0022	EA	6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	168.94 29.91
33 01 30 51-0023	EA	6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	225.02 40.57
33 01 30 51-0024	EA	6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	266.36 47.84
33 01 30 51-0025	EA	6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	311.74 55.59
33 01 30 51-0026	EA	6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	434.26 80.56
33 01 30 51-0027	EA	6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	528.24 98.23
33 01 30 51-0028	EA	6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	630.97 117.39
33 01 30 51-0029	EA	8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	217.81 35.78
33 01 30 51-0030	EA	8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	283.65 47.35
33 01 30 51-0031	EA	8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	342.48 57.30
33 01 30 51-0032	EA	8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	408.89 68.28
33 01 30 51-0033	EA	8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	545.83 94.59
33 01 30 51-0034	EA	8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	652.82 113.10
33 01 30 51-0035	EA	8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	772.53 133.12
33 01 30 51-0036	EA	10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	256.25 43.55
33 01 30 51-0037	EA	10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	345.54 60.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01 30 51-0038	EA		10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	406.59 70.43	
33 01 30 51-0039	EA		10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	499.35 87.11	
33 01 30 51-0040	EA		10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	658.45 118.16	
33 01 30 51-0041	EA		10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	747.68 132.06	
33 01 30 51-0042	EA		10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	965.26 174.23	
33 01 30 51-0043	EA		12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	291.37 49.12	
33 01 30 51-0044	EA		12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	381.30 65.33	
33 01 30 51-0045	EA		12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	460.41 79.05	
33 01 30 51-0046	EA		12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	567.14 98.23	
33 01 30 51-0047	EA		12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	732.18 129.75	
33 01 30 51-0048	EA		12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	860.29 151.52	
33 01 30 51-0049	EA		12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,096.15 196.47	
33 01 30 51-0050			Pipe Repair Clamp, Full Circle, Double Bands <small>(33 01 30 51-0001)</small> Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0051	EA		14.38"-15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	661.67 188.99	
33 01 30 51-0052	EA		14.38"-15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	940.40 272.83	
33 01 30 51-0053	EA		14.38"-15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,267.57 370.00	
33 01 30 51-0054	EA		14.38"-15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,873.21 557.66	
33 01 30 51-0055	EA		15.07"-15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	694.47 198.29	
33 01 30 51-0056	EA		15.07"-15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	984.37 285.48	
33 01 30 51-0057	EA		15.07"-15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,323.48 385.97	
33 01 30 51-0058	EA		15.07"-15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,963.51 584.27	
33 01 30 51-0059	EA		15.92"-16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	711.69 202.30	
33 01 30 51-0060	EA		15.92"-16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,007.04 290.82	
33 01 30 51-0061	EA		15.92"-16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,357.49 394.62	
33 01 30 51-0062	EA		15.92"-16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,012.35 596.91	
33 01 30 51-0063	EA		16.56"-17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	729.66 206.29	
33 01 30 51-0064	EA		16.56"-17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,032.84 296.80	
33 01 30 51-0065	EA		16.56"-17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,389.91 401.94	
33 01 30 51-0066	EA		16.56"-17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,060.82 608.90	
33 01 30 51-0067	EA		17.15"-17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	745.70 209.62	
33 01 30 51-0068	EA		17.15"-17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,054.68 301.45	
33 01 30 51-0069	EA		17.15"-17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,422.31 409.25	
33 01 30 51-0070	EA		17.15"-17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228) <i>For Stainless Steel Nuts And Bolts, Add</i>	2,104.21 618.87	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 51-0071	EA	17.82"-18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	760.93
		<i>For Stainless Steel Nuts And Bolts, Add</i>	212.96
33 01 30 51-0072	EA	17.82"-18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,077.34
		<i>For Stainless Steel Nuts And Bolts, Add</i>	306.78
33 01 30 51-0073	EA	17.82"-18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,451.23
		<i>For Stainless Steel Nuts And Bolts, Add</i>	415.91
33 01 30 51-0074	EA	17.82"-18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,131.30
		<i>For Stainless Steel Nuts And Bolts, Add</i>	623.86
33 01 30 51-0075	EA	18.46"-19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	778.56
		<i>For Stainless Steel Nuts And Bolts, Add</i>	217.10
33 01 30 51-0076	EA	18.46"-19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,104.30
		<i>For Stainless Steel Nuts And Bolts, Add</i>	313.43
33 01 30 51-0077	EA	18.46"-19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	1,482.08
		<i>For Stainless Steel Nuts And Bolts, Add</i>	423.23
33 01 30 51-0078	EA	18.46"-19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)	2,194.87
		<i>For Stainless Steel Nuts And Bolts, Add</i>	641.50
33 01 30 51-0079		Repair Couplings and Fittings (33 01 30 51-0001)	
33 01 30 51-0080		Couplings And Fittings For Copper Pipe, Compression (33 01 30 51-0079) Note: Includes gaskets. Dresser style 88.	
33 01 30 51-0081		Copper Compression Repair Couplings (33 01 30 51-0080)	
33 01 30 51-0082	EA	1/2" Copper Compression Repair Coupling	38.77
33 01 30 51-0083	EA	3/4" Copper Compression Repair Coupling	45.45
33 01 30 51-0084	EA	1" Copper Compression Repair Coupling	53.33
33 01 30 51-0085	EA	1-1/4" Copper Compression Repair Coupling	60.24
33 01 30 51-0086	EA	1-1/2" Copper Compression Repair Coupling	88.41
33 01 30 51-0087		Copper Compression Repair Fitting, 90 Degree Elbows (33 01 30 51-0080)	
33 01 30 51-0088	EA	1/2" Copper Compression Repair 90 Degree Elbow	44.59
33 01 30 51-0089	EA	1" Copper Compression Repair 90 Degree Elbow	54.16
33 01 30 51-0090	EA	1-1/2" Copper Compression Repair 90 Degree Elbow	101.64
33 01 30 51-0091	EA	1" IPS x 1" CTS 90 Degree Plain End Street Elbow	46.37
33 01 30 51-0092	EA	3/4" IPS x 3/4" CTS 90 Degree Threaded End Street Elbow	41.09
33 01 30 51-0093	EA	1" IPS x 1" CTS 90 Degree Threaded End Street Elbow	48.05
33 01 30 51-0094	EA	1-1/4" IPS x 1" CTS 90 Degree Threaded End Street Elbow	58.13
33 01 30 51-0095		Copper Compression Repair Fitting, Tees (33 01 30 51-0080)	
33 01 30 51-0096	EA	1/2" Copper Compression Repair Tee	78.47
33 01 30 51-0097	EA	3/4" Copper Compression Repair Tee	67.14
33 01 30 51-0098	EA	1" Copper Compression Repair Tee	79.38
33 01 30 51-0099	EA	1" F x 1" M x 1" CTS Street Tee	69.06
33 01 30 51-0100		Copper Compression Repair Fitting, Male Adapters (33 01 30 51-0080)	
33 01 30 51-0101	EA	3/4" M x 1/2" CTS Male Adapter	37.93
33 01 30 51-0102	EA	3/4" M x 3/4" CTS Male Adapter	32.42
33 01 30 51-0103	EA	1" M x 1" CTS Male Adapter	38.17
33 01 30 51-0104	EA	1-1/4" M x 1" CTS Male Adapter	48.10
33 01 30 51-0105	EA	1-1/4" M x 1-1/4" CTS Male Adapter	54.64
33 01 30 51-0106	EA	1-1/2" M x 1" CTS Male Adapter	60.67
33 01 30 51-0107		Copper Compression Repair Fitting, Female Adapters (33 01 30 51-0080)	
33 01 30 51-0108	EA	3/4" M x 3/4" CTS Female Adapter	43.47
33 01 30 51-0109	EA	1" M x 1" CTS Female Adapter	47.98
33 01 30 51-0110		Couplings And Fittings For Steel Pipe, Cast Body, Compression (33 01 30 51-0079) Note: Includes gaskets. Dresser style 90.	
33 01 30 51-0111		Couplings For Steel Pipe, Cast Body (Compression) (33 01 30 51-0110) Note: Includes gaskets.	
33 01 30 51-0112	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring	42.88
33 01 30 51-0113	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring	43.90
33 01 30 51-0114	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring	49.57
33 01 30 51-0115	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring	55.28
33 01 30 51-0116	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring	68.38
33 01 30 51-0117	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring	83.11
33 01 30 51-0118	EA	1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	44.00
33 01 30 51-0119	EA	3/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	45.14
33 01 30 51-0120	EA	1" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	49.75
33 01 30 51-0121	EA	1-1/4" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	55.85
33 01 30 51-0122	EA	1-1/2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	70.26
33 01 30 51-0123	EA	2" Coupling, Cast Body (Compression), 5" Middle Ring With Armored Gasket	83.93

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

33 01 30 51-0124	EA		3/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	82.37	
33 01 30 51-0125	EA		1" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	96.36	
33 01 30 51-0126	EA		1-1/4" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	100.61	
33 01 30 51-0127	EA		1-1/2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	113.61	
33 01 30 51-0128	EA		2" Coupling, Steel Body (Compression), 5" Middle Ring With Armored Gasket	138.17	

33 01 30 51-0129 Reducing Couplings For Steel Pipe (Compression) (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0130	EA		3/4" x 1/2" Reducing Coupling (Compression).....	47.64	
33 01 30 51-0131	EA		1" x 3/4" Reducing Coupling (Compression).....	50.78	
33 01 30 51-0132	EA		1-1/4" x 3/4" Reducing Coupling (Compression).....	57.32	
33 01 30 51-0133	EA		1-1/4" x 1" Reducing Coupling (Compression).....	59.39	
33 01 30 51-0134	EA		1-1/2" x 3/4" Reducing Coupling (Compression).....	111.55	
33 01 30 51-0135	EA		1-1/2" x 1" Reducing Coupling (Compression).....	71.58	
33 01 30 51-0136	EA		1-1/2" x 1-1/4" Reducing Coupling (Compression)	71.88	
33 01 30 51-0137	EA		2" x 3/4" Reducing Coupling (Compression).....	133.25	
33 01 30 51-0138	EA		2" x 1" Reducing Coupling (Compression).....	121.77	
33 01 30 51-0139	EA		2" x 1-1/4" Reducing Coupling (Compression).....	94.46	
33 01 30 51-0140	EA		2" x 1-1/2" Reducing Coupling (Compression).....	94.16	

33 01 30 51-0141 Steel Compression Repair Fittings, Elbows (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0142	EA		1" 45 Degree Elbow (Compression).....	77.13	
33 01 30 51-0143	EA		1-1/4" 45 Degree Elbow (Compression)	80.74	
33 01 30 51-0144	EA		1-1/2" 45 Degree Elbow (Compression)	104.12	
33 01 30 51-0145	EA		2" 45 Degree Elbow (Compression).....	131.11	
33 01 30 51-0146	EA		3/4" 90 Degree Elbow (Compression).....	52.41	
33 01 30 51-0147	EA		1" 90 Degree Elbow (Compression).....	54.77	
33 01 30 51-0148	EA		1-1/4" 90 Degree Elbow (Compression)	64.04	
33 01 30 51-0149	EA		1-1/2" 90 Degree Elbow (Compression)	90.58	
33 01 30 51-0150	EA		2" 90 Degree Elbow (Compression).....	99.79	
33 01 30 51-0151	EA		3/4" Plain End 90 Degree Street Elbow (Compression).....	52.56	
33 01 30 51-0152	EA		1" Plain End 90 Degree Street Elbow (Compression).....	47.32	
33 01 30 51-0153	EA		1-1/4" Plain End 90 Degree Street Elbow (Compression).....	53.50	
33 01 30 51-0154	EA		1-1/2" Plain End 90 Degree Street Elbow (Compression).....	67.61	
33 01 30 51-0155	EA		2" Plain End 90 Degree Street Elbow (Compression).....	86.80	
33 01 30 51-0156	EA		3/4" Threaded End 90 Degree Street Elbow (Compression)	54.18	
33 01 30 51-0157	EA		1" Threaded End 90 Degree Street Elbow (Compression)	50.35	
33 01 30 51-0158	EA		1-1/4" Threaded End 90 Degree Street Elbow (Compression)	64.76	
33 01 30 51-0159	EA		1-1/2" Threaded End 90 Degree Street Elbow (Compression)	78.35	
33 01 30 51-0160	EA		2" Threaded End 90 Degree Street Elbow (Compression)	109.77	

33 01 30 51-0161 Steel Compression Repair Fittings, Tees (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0162	EA		3/4" Street Tee (Compression)	59.08	
33 01 30 51-0163	EA		1" Street Tee (Compression)	69.48	
33 01 30 51-0164	EA		1-1/4" Street Tee (Compression)	71.05	
33 01 30 51-0165	EA		1-1/2" Street Tee (Compression)	82.73	
33 01 30 51-0166	EA		2" Street Tee (Compression)	122.36	
33 01 30 51-0167	EA		1-1/4" x 1-1/4" x 1" Reducing Street Tee (Compression).....	70.47	
33 01 30 51-0168	EA		1-1/4" x 1" x 1-1/4" Reducing Street Tee (Compression).....	73.40	
33 01 30 51-0169	EA		1-1/2" x 1-1/2" x 1" Reducing Street Tee (Compression).....	91.92	
33 01 30 51-0170	EA		1-1/2" x 1-1/2" x 1-1/4" Reducing Street Tee (Compression).....	105.17	
33 01 30 51-0171	EA		1-1/2" x 1" x 1-1/2" Reducing Street Tee (Compression).....	105.76	
33 01 30 51-0172	EA		1-1/2" x 1-1/4" x 1-1/2" Reducing Street Tee (Compression).....	90.67	
33 01 30 51-0173	EA		2" x 1-1/4" x 2" Reducing Street Tee (Compression)	119.49	
33 01 30 51-0174	EA		2" x 1-1/2" x 2" Reducing Street Tee (Compression)	134.22	
33 01 30 51-0175	EA		3/4" Welding Street Tee (Compression)	103.25	
33 01 30 51-0176	EA		1" Welding Street Tee (Compression)	104.44	
33 01 30 51-0177	EA		1-1/4" Welding Street Tee (Compression)	112.49	
33 01 30 51-0178	EA		1-1/2" Welding Street Tee (Compression)	135.73	
33 01 30 51-0179	EA		2" Welding Street Tee (Compression)	181.48	
33 01 30 51-0180	EA		3/4" Regular Tee (Compression)	77.56	
33 01 30 51-0181	EA		1" Regular Tee (Compression)	132.48	
33 01 30 51-0182	EA		1-1/4" Regular Tee (Compression)	140.46	
33 01 30 51-0183	EA		1-1/2" Regular Tee (Compression)	152.14	
33 01 30 51-0184	EA		2" Regular Tee (Compression)	169.55	
33 01 30 51-0185	EA		2" x 2" x 1-1/4" Regular Reducing Tee (Compression).....	167.20	

33 01 30 51-0186 Steel Compression Repair Fittings, Male Adapters (33 01 30 51-0110)

Note: Includes armored gaskets.

33 01 30 51-0187	EA		3/4" Male Adapter (Compression).....	52.27	
33 01 30 51-0188	EA		1" Male Adapter (Compression).....	58.44	
33 01 30 51-0189	EA		1-1/4" Male Adapter (Compression).....	75.52	
33 01 30 51-0190	EA		1-1/2" Male Adapter (Compression).....	85.87	
33 01 30 51-0191	EA		2" Male Adapter (Compression).....	97.32	
33 01 30 51-0192	EA		1" x 1-1/4" Male Adapter (Compression).....	75.14	

33 01 30 51-0193 Steel Compression Repair Fittings, Line Caps (33 01 30 51-0110)

Note: Includes armored gaskets.

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 30 Operation And Maintenance Of Sewer Utilities

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

33 01 30 51-0194	EA	3/4" Line Caps (Compression)	27.94	
33 01 30 51-0195	EA	1" Line Caps (Compression)	32.53	
33 01 30 51-0196	EA	1-1/4" Line Caps (Compression)	37.20	
33 01 30 51-0197	EA	1-1/2" Line Caps (Compression)	43.97	
33 01 30 51-0198	EA	2" Line Caps (Compression)	54.18	

33 01 30 51-0199 Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna S gasket. Dresser style 38

33 01 30 51-0200	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket	36.37	
33 01 30 51-0201	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket	46.03	
33 01 30 51-0202	EA	1" Coupling, 5" Middle Ring With Buna S Gasket	54.34	
33 01 30 51-0203	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket	66.74	
33 01 30 51-0204	EA	2" Coupling, 4" Middle Ring With Buna S Gasket	82.39	
33 01 30 51-0205	EA	2" Coupling, 5" Middle Ring With Buna S Gasket	99.65	
33 01 30 51-0206	EA	2" Coupling, 7" Middle Ring With Buna S Gasket	95.36	
33 01 30 51-0207	EA	3" Coupling, 4" Middle Ring With Buna S Gasket	128.47	
33 01 30 51-0208	EA	3" Coupling, 5" Middle Ring With Buna S Gasket	131.07	
33 01 30 51-0209	EA	3" Coupling, 7" Middle Ring With Buna S Gasket	133.67	
33 01 30 51-0210	EA	4" Coupling, 4" Middle Ring With Buna S Gasket	153.11	
33 01 30 51-0211	EA	4" Coupling, 5" Middle Ring With Buna S Gasket	157.52	
33 01 30 51-0212	EA	4" Coupling, 7" Middle Ring With Buna S Gasket	163.05	
33 01 30 51-0213	EA	5" Coupling, 4" Middle Ring With Buna S Gasket	193.59	
33 01 30 51-0214	EA	5" Coupling, 5" Middle Ring With Buna S Gasket	195.33	
33 01 30 51-0215	EA	5" Coupling, 7" Middle Ring With Buna S Gasket	201.67	
33 01 30 51-0216	EA	6" Coupling, 4" Middle Ring With Buna S Gasket	211.35	
33 01 30 51-0217	EA	6" Coupling, 5" Middle Ring With Buna S Gasket	216.06	
33 01 30 51-0218	EA	6" Coupling, 7" Middle Ring With Buna S Gasket	222.08	
33 01 30 51-0219	EA	8" Coupling, 4" Middle Ring With Buna S Gasket	247.16	
33 01 30 51-0220	EA	8" Coupling, 5" Middle Ring With Buna S Gasket	254.13	
33 01 30 51-0221	EA	8" Coupling, 7" Middle Ring With Buna S Gasket	259.85	
33 01 30 51-0222	EA	10" Coupling, 5" Middle Ring With Buna S Gasket	295.48	
33 01 30 51-0223	EA	10" Coupling, 7" Middle Ring With Buna S Gasket	328.37	
33 01 30 51-0224	EA	12" Coupling, 5" Middle Ring With Buna S Gasket	335.43	
33 01 30 51-0225	EA	12" Coupling, 7" Middle Ring With Buna S Gasket	405.15	
33 01 30 51-0226	EA	14" Coupling, 7" Middle Ring With Buna S Gasket	462.32	
33 01 30 51-0227	EA	16" Coupling, 7" Middle Ring With Buna S Gasket	540.09	
33 01 30 51-0228	EA	18" Coupling, 7" Middle Ring With Buna S Gasket	592.03	
33 01 30 51-0229	EA	20" Coupling, 7" Middle Ring With Buna S Gasket	638.77	
33 01 30 51-0230	EA	22" Coupling, 7" Middle Ring With Buna S Gasket	772.61	
33 01 30 51-0231	EA	24" Coupling, 7" Middle Ring With Buna S Gasket	815.45	

33 01 30 51-0232 Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna S gasket, protected. Dresser style 38.

33 01 30 51-0233	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna S Gasket, Protected	37.12	
33 01 30 51-0234	EA	3/4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	45.93	
33 01 30 51-0235	EA	1" Coupling, 5" Middle Ring With Buna S Gasket, Protected	54.29	
33 01 30 51-0236	EA	1-1/2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	66.40	
33 01 30 51-0237	EA	2" Coupling, 4" Middle Ring With Buna S Gasket, Protected	92.31	
33 01 30 51-0238	EA	2" Coupling, 5" Middle Ring With Buna S Gasket, Protected	90.94	
33 01 30 51-0239	EA	2" Coupling, 7" Middle Ring With Buna S Gasket, Protected	91.63	
33 01 30 51-0240	EA	3" Coupling, 4" Middle Ring With Buna S Gasket, Protected	133.67	
33 01 30 51-0241	EA	3" Coupling, 5" Middle Ring With Buna S Gasket, Protected	136.27	
33 01 30 51-0242	EA	3" Coupling, 7" Middle Ring With Buna S Gasket, Protected	138.87	
33 01 30 51-0243	EA	4" Coupling, 4" Middle Ring With Buna S Gasket, Protected	160.19	
33 01 30 51-0244	EA	4" Coupling, 5" Middle Ring With Buna S Gasket, Protected	155.61	
33 01 30 51-0245	EA	4" Coupling, 7" Middle Ring With Buna S Gasket, Protected	158.02	
33 01 30 51-0246	EA	5" Coupling, 4" Middle Ring With Buna S Gasket, Protected	202.71	
33 01 30 51-0247	EA	5" Coupling, 5" Middle Ring With Buna S Gasket, Protected	203.99	
33 01 30 51-0248	EA	5" Coupling, 7" Middle Ring With Buna S Gasket, Protected	262.96	
33 01 30 51-0249	EA	6" Coupling, 4" Middle Ring With Buna S Gasket, Protected	214.14	
33 01 30 51-0250	EA	6" Coupling, 5" Middle Ring With Buna S Gasket, Protected	220.91	
33 01 30 51-0251	EA	6" Coupling, 7" Middle Ring With Buna S Gasket, Protected	223.52	
33 01 30 51-0252	EA	8" Coupling, 4" Middle Ring With Buna S Gasket, Protected	262.29	
33 01 30 51-0253	EA	8" Coupling, 5" Middle Ring With Buna S Gasket, Protected	264.86	
33 01 30 51-0254	EA	8" Coupling, 7" Middle Ring With Buna S Gasket, Protected	269.00	
33 01 30 51-0255	EA	10" Coupling, 5" Middle Ring With Buna S Gasket, Protected	301.72	
33 01 30 51-0256	EA	10" Coupling, 7" Middle Ring With Buna S Gasket, Protected	334.87	
33 01 30 51-0257	EA	12" Coupling, 5" Middle Ring With Buna S Gasket, Protected	341.93	
33 01 30 51-0258	EA	12" Coupling, 7" Middle Ring With Buna S Gasket, Protected	411.51	
33 01 30 51-0259	EA	14" Coupling, 7" Middle Ring With Buna S Gasket, Protected	468.82	
33 01 30 51-0260	EA	16" Coupling, 7" Middle Ring With Buna S Gasket, Protected	549.84	
33 01 30 51-0261	EA	18" Coupling, 7" Middle Ring With Buna S Gasket, Protected	605.03	
33 01 30 51-0262	EA	20" Coupling, 7" Middle Ring With Buna S Gasket, Protected	651.77	
33 01 30 51-0263	EA	22" Coupling, 7" Middle Ring With Buna S Gasket, Protected	785.61	
33 01 30 51-0264	EA	24" Coupling, 7" Middle Ring With Buna S Gasket, Protected	828.45	

33 01 30 51-0265 Couplings For Steel Pipe (33 01 30 51-0079)

Note: Includes Buna N gasket, protected. Dresser style 38.

33 01 30 51-0266	EA	1/2" Coupling, 3-1/2" Middle Ring With Buna N Gasket, Protected	41.74	
33 01 30 51-0267	EA	3/4" Coupling, 5" Middle Ring With Buna N Gasket, Protected	50.63	
33 01 30 51-0268	EA	1" Coupling, 5" Middle Ring With Buna N Gasket, Protected	59.81	
33 01 30 51-0269	EA	1-1/2" Coupling, 5" Middle Ring With Buna N Gasket, Protected	73.57	

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

33 01 30 51-0270	EA	2"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	92.31	
33 01 30 51-0271	EA	2"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	103.92	
33 01 30 51-0272	EA	2"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	107.78	
33 01 30 51-0273	EA	3"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	133.67	
33 01 30 51-0274	EA	3"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	136.27	
33 01 30 51-0275	EA	3"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	138.87	
33 01 30 51-0276	EA	4"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	160.19	
33 01 30 51-0277	EA	4"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	169.46	
33 01 30 51-0278	EA	4"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	172.99	
33 01 30 51-0279	EA	5"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	202.71	
33 01 30 51-0280	EA	5"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	203.99	
33 01 30 51-0281	EA	5"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	218.87	
33 01 30 51-0282	EA	6"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	214.14	
33 01 30 51-0283	EA	6"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	220.91	
33 01 30 51-0284	EA	6"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	223.52	
33 01 30 51-0285	EA	8"	Coupling, 4" Middle Ring With Buna N Gasket, Protected.....	262.29	
33 01 30 51-0286	EA	8"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	264.86	
33 01 30 51-0287	EA	8"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	269.00	
33 01 30 51-0288	EA	10"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	301.72	
33 01 30 51-0289	EA	10"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	334.87	
33 01 30 51-0290	EA	12"	Coupling, 5" Middle Ring With Buna N Gasket, Protected.....	341.93	
33 01 30 51-0291	EA	12"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	411.51	
33 01 30 51-0292	EA	14"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	468.82	
33 01 30 51-0293	EA	16"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	540.09	
33 01 30 51-0294	EA	18"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	605.03	
33 01 30 51-0295	EA	20"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	651.77	
33 01 30 51-0296	EA	22"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	785.61	
33 01 30 51-0297	EA	24"	Coupling, 7" Middle Ring With Buna N Gasket, Protected.....	828.45	

33 01 30 51-0298 Couplings For Steel Pipe (33 01 30 51-0298)

Note: Includes high temperature carded glass gasket, protected. Dresser style 38.

33 01 30 51-0299	EA	3/4"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	66.94	
33 01 30 51-0300	EA	1"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	74.72	
33 01 30 51-0301	EA	1-1/2"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	82.66	
33 01 30 51-0302	EA	2"	Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	119.80	
33 01 30 51-0303	EA	2"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	126.92	
33 01 30 51-0304	EA	2"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	130.54	
33 01 30 51-0305	EA	3"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	158.73	
33 01 30 51-0306	EA	3"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	157.91	
33 01 30 51-0307	EA	4"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	182.46	
33 01 30 51-0308	EA	4"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	185.99	
33 01 30 51-0309	EA	5"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	244.35	
33 01 30 51-0310	EA	5"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	249.03	
33 01 30 51-0311	EA	6"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	265.01	
33 01 30 51-0312	EA	6"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	268.12	
33 01 30 51-0313	EA	8"	Coupling, 4" Middle Ring With High Temp Carded Glass Gasket	284.59	
33 01 30 51-0314	EA	8"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	331.11	
33 01 30 51-0315	EA	8"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	350.08	
33 01 30 51-0316	EA	10"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	366.45	
33 01 30 51-0317	EA	10"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	366.39	
33 01 30 51-0318	EA	12"	Coupling, 5" Middle Ring With High Temp Carded Glass Gasket	452.65	
33 01 30 51-0319	EA	12"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	466.94	
33 01 30 51-0320	EA	14"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	534.11	
33 01 30 51-0321	EA	16"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	650.47	
33 01 30 51-0322	EA	18"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	649.23	
33 01 30 51-0323	EA	20"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	718.72	
33 01 30 51-0324	EA	22"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	777.16	
33 01 30 51-0325	EA	24"	Coupling, 7" Middle Ring With High Temp Carded Glass Gasket	841.45	

33 01 30 72 Relining Pipelines (33 01 30)

33 01 30 72-0001 Relining Underground Pipelines (33 01 30 72)

Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 16-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Relining Underground Pipelines Set-Up And Reinsertion (33 01 30 72-0001)

33 01 30 72-0003	EA		Initial Set Up And Final Equipment Removal For Relining Underground Pipelines.....	3,666.27	
33 01 30 72-0004	EA		Move And Reset Up At Different Access/Location For Relining Underground Pipelines	1,466.51	
33 01 30 72-0005	EA		Mixing Truck And Refrigeration For 54" To 72" Cured In-Place Pipe.....	24,886.00	

Note: Need to mix wet material in bag prior to installation. Not needed for small sizes.

33 01 30 72-0006 Lining Pipe With Cured In-Place Pipe (33 01 30 72-0001)

Note: Cured in-place thermosetting resin pipe and resin impregnated tube.

33 01 30 72-0007	LF		6mm Lining 6" Pipe With Cured In-Place Pipe (CIPP)	24.43	
			<i>For Up To 75, Add</i>	15.88	
			<i>For >75 To 150, Add</i>	7.94	
			<i>For >500 To 1,000, Deduct</i>	-0.66	
			<i>For >1,000 To 2,000, Deduct</i>	-1.27	
			<i>For >2,000 To 5,000, Deduct</i>	-1.97	
			<i>For >5,000, Deduct</i>	-2.87	
			<i>For 7.5mm Liner Thickness, Add</i>	3.99	
			<i>For 9mm Liner Thickness, Add</i>	8.07	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 72-0008	LF	6mm Lining 8" Pipe With Cured In-Place Pipe (CIPP)	27.02	
			For Up To 75, Add	17.31	
			For >75 To 150, Add	8.66	
			For >500 To 1,000, Deduct	-0.72	
			For >1,000 To 2,000, Deduct	-1.40	
			For >2,000 To 5,000, Deduct	-2.17	
			For >5,000, Deduct	-3.16	
			For 7.5mm Liner Thickness, Add	4.47	
			For 9mm Liner Thickness, Add	9.03	
33 01	30 72-0009	LF	6mm Lining 10" Pipe With Cured In-Place Pipe (CIPP)	30.21	
			For Up To 75, Add	19.03	
			For >75 To 150, Add	9.51	
			For >500 To 1,000, Deduct	-0.80	
			For >1,000 To 2,000, Deduct	-1.56	
			For >2,000 To 5,000, Deduct	-2.41	
			For >5,000, Deduct	-3.52	
			For 7.5mm Liner Thickness, Add	5.06	
			For 9mm Liner Thickness, Add	10.22	
33 01	30 72-0010	LF	6mm Lining 12" Pipe With Cured In-Place Pipe (CIPP)	33.65	
			For Up To 75, Add	21.03	
			For >75 To 150, Add	10.52	
			For >500 To 1,000, Deduct	-0.89	
			For >1,000 To 2,000, Deduct	-1.73	
			For >2,000 To 5,000, Deduct	-2.68	
			For >5,000, Deduct	-3.92	
			For 7.5mm Liner Thickness, Add	5.66	
			For 9mm Liner Thickness, Add	11.45	
33 01	30 72-0011	LF	6mm Lining 15" Pipe With Cured In-Place Pipe (CIPP)	38.65	
			For Up To 75, Add	23.98	
			For >75 To 150, Add	11.99	
			For >500 To 1,000, Deduct	-1.02	
			For >1,000 To 2,000, Deduct	-1.98	
			For >2,000 To 5,000, Deduct	-3.07	
			For >5,000, Deduct	-4.49	
			For 7.5mm Liner Thickness, Add	6.54	
			For 9mm Liner Thickness, Add	13.22	
			For 10.5mm Liner Thickness, Add	19.81	
			For 12mm Liner Thickness, Add	26.36	
			For 13.5mm Liner Thickness, Add	33.00	
			For 15mm Liner Thickness, Add	39.54	
33 01	30 72-0012	LF	6mm Lining 18" Pipe With Cured In-Place Pipe (CIPP)	45.15	
			For Up To 75, Add	27.36	
			For >75 To 150, Add	13.68	
			For >500 To 1,000, Deduct	-1.19	
			For >1,000 To 2,000, Deduct	-2.30	
			For >2,000 To 5,000, Deduct	-3.56	
			For >5,000, Deduct	-5.22	
			For 7.5mm Liner Thickness, Add	7.76	
			For 9mm Liner Thickness, Add	15.70	
			For 10.5mm Liner Thickness, Add	23.52	
			For 12mm Liner Thickness, Add	31.30	
			For 13.5mm Liner Thickness, Add	39.19	
			For 15mm Liner Thickness, Add	46.95	
33 01	30 72-0013	LF	6mm Lining 21" Pipe With Cured In-Place Pipe (CIPP)	50.56	
			For Up To 75, Add	29.98	
			For >75 To 150, Add	14.99	
			For >500 To 1,000, Deduct	-1.32	
			For >1,000 To 2,000, Deduct	-2.56	
			For >2,000 To 5,000, Deduct	-3.95	
			For >5,000, Deduct	-5.82	
			For 7.5mm Liner Thickness, Add	8.82	
			For 9mm Liner Thickness, Add	17.83	
			For 10.5mm Liner Thickness, Add	26.72	
			For 12mm Liner Thickness, Add	35.56	
			For 13.5mm Liner Thickness, Add	44.52	
			For 15mm Liner Thickness, Add	53.34	
			For 16.5mm Liner Thickness, Add	63.30	
			For 18mm Liner Thickness, Add	72.35	
			For 19.5mm Liner Thickness, Add	81.67	
			For 21mm Liner Thickness, Add	90.62	
			For 22.5mm Liner Thickness, Add	99.67	
			For 24mm Liner Thickness, Add	108.74	
			For 27mm Liner Thickness, Add	126.91	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0014	LF 6mm Lining 24" Pipe With Cured In-Place Pipe (CIPP) .....55.18 For Up To 75, Add 32.71 For >75 To 150, Add 16.35 For >500 To 1,000, Deduct -1.44 For >1,000 To 2,000, Deduct -2.79 For >2,000 To 5,000, Deduct -4.31 For >5,000, Deduct -6.35 For 7.5mm Liner Thickness, Add 9.63 For 9mm Liner Thickness, Add 19.47 For 10.5mm Liner Thickness, Add 29.17 For 12mm Liner Thickness, Add 38.82 For 13.5mm Liner Thickness, Add 48.60 For 15mm Liner Thickness, Add 58.23 For 16.5mm Liner Thickness, Add 69.10 For 18mm Liner Thickness, Add 78.97 For 19.5mm Liner Thickness, Add 89.15 For 21mm Liner Thickness, Add 98.92 For 22.5mm Liner Thickness, Add 108.79 For 24mm Liner Thickness, Add 118.70 For 27mm Liner Thickness, Add 138.52		
33 01 30 72-0015	LF 6mm Lining 27" Pipe With Cured In-Place Pipe (CIPP) .....62.09 For Up To 75, Add 36.25 For >75 To 150, Add 18.12 For >500 To 1,000, Deduct -1.61 For >1,000 To 2,000, Deduct -3.13 For >2,000 To 5,000, Deduct -4.83 For >5,000, Deduct -7.13 For 7.5mm Liner Thickness, Add 10.94 For 9mm Liner Thickness, Add 22.12 For 10.5mm Liner Thickness, Add 33.15 For 12mm Liner Thickness, Add 44.11 For 13.5mm Liner Thickness, Add 55.23 For 15mm Liner Thickness, Add 66.17 For 16.5mm Liner Thickness, Add 78.52 For 18mm Liner Thickness, Add 89.73 For 19.5mm Liner Thickness, Add 101.30 For 21mm Liner Thickness, Add 112.41 For 22.5mm Liner Thickness, Add 123.62 For 24mm Liner Thickness, Add 134.88 For 27mm Liner Thickness, Add 157.41		
33 01 30 72-0016	LF 6mm Lining 30" Pipe With Cured In-Place Pipe (CIPP) .....68.99 For Up To 75, Add 40.28 For >75 To 150, Add 20.14 For >500 To 1,000, Deduct -1.79 For >1,000 To 2,000, Deduct -3.47 For >2,000 To 5,000, Deduct -5.36 For >5,000, Deduct -7.92 For 7.5mm Liner Thickness, Add 12.16 For 9mm Liner Thickness, Add 24.58 For 10.5mm Liner Thickness, Add 36.83 For 12mm Liner Thickness, Add 49.01 For 13.5mm Liner Thickness, Add 61.36 For 15mm Liner Thickness, Add 73.51 For 16.5mm Liner Thickness, Add 87.24 For 18mm Liner Thickness, Add 99.70 For 19.5mm Liner Thickness, Add 112.55 For 21mm Liner Thickness, Add 124.89 For 22.5mm Liner Thickness, Add 137.35 For 24mm Liner Thickness, Add 149.86 For 27mm Liner Thickness, Add 174.89		
33 01 30 72-0017	LF 6mm Lining 36" Pipe With Cured In-Place Pipe (CIPP) .....84.22 For Up To 75, Add 46.63 For >75 To 150, Add 23.31 For >500 To 1,000, Deduct -2.14 For >1,000 To 2,000, Deduct -4.17 For >2,000 To 5,000, Deduct -6.43 For >5,000, Deduct -9.57 For 7.5mm Liner Thickness, Add 15.33 For 9mm Liner Thickness, Add 30.99 For 10.5mm Liner Thickness, Add 46.44 For 12mm Liner Thickness, Add 61.80 For 13.5mm Liner Thickness, Add 77.37 For 15mm Liner Thickness, Add 92.70 For 16.5mm Liner Thickness, Add 110.01 For 18mm Liner Thickness, Add 125.72 For 19.5mm Liner Thickness, Add 141.93 For 21mm Liner Thickness, Add 157.49 For 22.5mm Liner Thickness, Add 173.20 For 24mm Liner Thickness, Add 188.97 For 27mm Liner Thickness, Add 220.54		

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0018	LF	13.5mm Lining 42" Pipe With Cured In-Place Pipe (CIPP)	190.28	
		For Up To 75, Add	72.10	
		For >75 To 150, Add	36.05	
		For >500 To 1,000, Deduct	-4.33	
		For >1,000 To 2,000, Deduct	-8.53	
		For >2,000 To 5,000, Deduct	-12.99	
		For >5,000, Deduct	-20.34	
		For 15mm Liner Thickness, Add	18.23	
		For 16.5mm Liner Thickness, Add	38.48	
		For 18mm Liner Thickness, Add	58.02	
		For 19.5mm Liner Thickness, Add	76.53	
		For 21mm Liner Thickness, Add	95.21	
		For 22.5mm Liner Thickness, Add	113.81	
		For 24mm Liner Thickness, Add	132.81	
		For 27mm Liner Thickness, Add	173.23	
33 01 30 72-0019	LF	13.5mm Lining 48" Pipe With Cured In-Place Pipe (CIPP)	218.07	
		For Up To 75, Add	83.33	
		For >75 To 150, Add	41.66	
		For >500 To 1,000, Deduct	-4.97	
		For >1,000 To 2,000, Deduct	-9.79	
		For >2,000 To 5,000, Deduct	-14.92	
		For >5,000, Deduct	-23.33	
		For 15mm Liner Thickness, Add	20.83	
		For 16.5mm Liner Thickness, Add	43.97	
		For 18mm Liner Thickness, Add	66.31	
		For 19.5mm Liner Thickness, Add	87.46	
		For 21mm Liner Thickness, Add	108.80	
		For 22.5mm Liner Thickness, Add	130.06	
		For 24mm Liner Thickness, Add	151.78	
		For 27mm Liner Thickness, Add	197.96	
33 01 30 72-0020	LF	15mm Lining 54" Pipe With Cured In-Place Pipe (CIPP)	271.12	
		For Up To 75, Add	101.88	
		For >75 To 150, Add	50.94	
		For >500 To 1,000, Deduct	-6.16	
		For >1,000 To 2,000, Deduct	-12.13	
		For >2,000 To 5,000, Deduct	-18.47	
		For >5,000, Deduct	-28.95	
		For 16.5mm Liner Thickness, Add	23.47	
		For 18mm Liner Thickness, Add	47.13	
		For 19.5mm Liner Thickness, Add	70.62	
		For 21mm Liner Thickness, Add	94.28	
		For 22.5mm Liner Thickness, Add	117.89	
		For 24mm Liner Thickness, Add	141.59	
		For 27mm Liner Thickness, Add	189.02	
33 01 30 72-0021	LF	18mm Lining 60" Pipe With Cured In-Place Pipe (CIPP)	362.66	
		For Up To 75, Add	137.52	
		For >75 To 150, Add	68.76	
		For >500 To 1,000, Deduct	-8.25	
		For >1,000 To 2,000, Deduct	-16.26	
		For >2,000 To 5,000, Deduct	-24.76	
		For >5,000, Deduct	-38.77	
		For 19.5mm Liner Thickness, Add	26.08	
		For 21mm Liner Thickness, Add	52.37	
		For 22.5mm Liner Thickness, Add	78.57	
		For 24mm Liner Thickness, Add	104.87	
		For 27mm Liner Thickness, Add	157.55	
33 01 30 72-0022	LF	18mm Lining 66" Pipe With Cured In-Place Pipe (CIPP)	422.58	
		For Up To 75, Add	186.64	
		For >75 To 150, Add	93.32	
		For >500 To 1,000, Deduct	-10.02	
		For >1,000 To 2,000, Deduct	-19.65	
		For >2,000 To 5,000, Deduct	-30.07	
		For >5,000, Deduct	-46.19	
		For 19.5mm Liner Thickness, Add	28.69	
		For 21mm Liner Thickness, Add	57.62	
		For 22.5mm Liner Thickness, Add	86.45	
		For 24mm Liner Thickness, Add	115.38	
		For 27mm Liner Thickness, Add	173.35	
33 01 30 72-0023	LF	18mm Lining 72" Pipe With Cured In-Place Pipe (CIPP)	512.84	
		For Up To 75, Add	281.31	
		For >75 To 150, Add	140.65	
		For >500 To 1,000, Deduct	-13.01	
		For >1,000 To 2,000, Deduct	-25.33	
		For >2,000 To 5,000, Deduct	-39.02	
		For >5,000, Deduct	-58.16	
		For 19.5mm Liner Thickness, Add	31.30	
		For 21mm Liner Thickness, Add	62.87	
		For 22.5mm Liner Thickness, Add	94.33	
		For 24mm Liner Thickness, Add	125.89	
		For 27mm Liner Thickness, Add	189.14	
33 01 30 72-0024		Form And Fold Polyethylene (PE) Pipeliner (33 01 30 72-0001)		
33 01 30 72-0025	LF	4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	20.78	
		For DR 26 Pipe Liner, Add	3.23	
		For >500 To 1,000, Deduct	-0.59	
		For >1,000 To 2,000, Deduct	-1.18	
		For >2,000, Deduct	-2.36	



MINOR	CSI	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0026	LF	6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	26.02	
		<i>For DR 26 Pipe Liner, Add</i>	4.39	
		<i>For DR 35 Pipe Liner, Deduct</i>	-2.20	
		<i>For >500 To 1,000, Deduct</i>	-0.63	
		<i>For >1,000 To 2,000, Deduct</i>	-1.27	
		<i>For >2,000, Deduct</i>	-2.54	
33 01 30 72-0027	LF	8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	27.04	
		<i>For DR 26 Pipe Liner, Add</i>	4.47	
		<i>For DR 35 Pipe Liner, Deduct</i>	-2.24	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000 To 2,000, Deduct</i>	-1.37	
		<i>For >2,000, Deduct</i>	-2.75	
33 01 30 72-0028	LF	10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	36.82	
		<i>For DR 26 Pipe Liner, Add</i>	6.71	
		<i>For DR 35 Pipe Liner, Deduct</i>	-3.35	
		<i>For DR 41 Pipe Liner, Deduct</i>	-6.71	
		<i>For >500 To 1,000, Deduct</i>	-0.75	
		<i>For >1,000 To 2,000, Deduct</i>	-1.50	
		<i>For >2,000, Deduct</i>	-3.00	
33 01 30 72-0029	LF	12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	50.26	
		<i>For DR 26 Pipe Liner, Add</i>	9.82	
		<i>For DR 35 Pipe Liner, Deduct</i>	-4.91	
		<i>For DR 41 Pipe Liner, Deduct</i>	-9.82	
		<i>For >500 To 1,000, Deduct</i>	-0.83	
		<i>For >1,000 To 2,000, Deduct</i>	-1.65	
		<i>For >2,000, Deduct</i>	-3.30	
33 01 30 72-0030	LF	15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	67.78	
		<i>For DR 35 Pipe Liner, Deduct</i>	-6.91	
		<i>For DR 41 Pipe Liner, Deduct</i>	-13.82	
		<i>For >500 To 1,000, Deduct</i>	-0.94	
		<i>For >1,000 To 2,000, Deduct</i>	-1.88	
		<i>For >2,000, Deduct</i>	-3.75	
33 01 30 72-0031	LF	18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	94.25	
		<i>For DR 41 Pipe Liner, Deduct</i>	-8.02	
		<i>For DR 50 Pipe Liner, Deduct</i>	-16.03	
		<i>For >500 To 1,000, Deduct</i>	-1.06	
		<i>For >1,000 To 2,000, Deduct</i>	-2.12	
		<i>For >2,000, Deduct</i>	-4.23	
33 01 30 72-0032	LF	21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	106.32	
		<i>For DR 50 Pipe Liner, Deduct</i>	-13.66	
		<i>For DR 55 Pipe Liner, Deduct</i>	-22.76	
		<i>For >500 To 1,000, Deduct</i>	-1.15	
		<i>For >1,000 To 2,000, Deduct</i>	-2.29	
		<i>For >2,000, Deduct</i>	-4.58	
33 01 30 72-0033	LF	24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	128.85	
		<i>For DR 60 Pipe Liner, Deduct</i>	-16.83	
		<i>For >500 To 1,000, Deduct</i>	-1.25	
		<i>For >1,000 To 2,000, Deduct</i>	-2.50	
		<i>For >2,000, Deduct</i>	-5.00	
33 01 30 72-0034		Form And Fold Polyvinyl Chloride (PVC) Pipeliner (33 01 30 72-0001)		
33 01 30 72-0035	LF	4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	21.99	
		<i>For >500 To 1,000, Deduct</i>	-0.59	
		<i>For >1,000 To 2,000, Deduct</i>	-1.18	
		<i>For >2,000, Deduct</i>	-2.36	
		<i>For DR 26 Pipe Liner, Add</i>	3.54	
33 01 30 72-0036	LF	6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	26.02	
		<i>For >500 To 1,000, Deduct</i>	-0.63	
		<i>For >1,000 To 2,000, Deduct</i>	-1.27	
		<i>For >2,000, Deduct</i>	-2.54	
		<i>For DR 26 Pipe Liner, Add</i>	4.39	
		<i>For DR 35 Pipe Liner, Deduct</i>	-2.20	
33 01 30 72-0037	LF	8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	28.67	
		<i>For >500 To 1,000, Deduct</i>	-0.69	
		<i>For >1,000 To 2,000, Deduct</i>	-1.37	
		<i>For >2,000, Deduct</i>	-2.75	
		<i>For DR 26 Pipe Liner, Add</i>	4.88	
		<i>For DR 35 Pipe Liner, Deduct</i>	-2.44	
33 01 30 72-0038	LF	10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	39.25	
		<i>For >500 To 1,000, Deduct</i>	-0.75	
		<i>For >1,000 To 2,000, Deduct</i>	-1.50	
		<i>For >2,000, Deduct</i>	-3.00	
		<i>For DR 26 Pipe Liner, Add</i>	7.32	
		<i>For DR 35 Pipe Liner, Deduct</i>	-3.66	
		<i>For DR 41 Pipe Liner, Deduct</i>	-7.32	
33 01 30 72-0039	LF	12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	53.92	
		<i>For >500 To 1,000, Deduct</i>	-0.83	
		<i>For >1,000 To 2,000, Deduct</i>	-1.65	
		<i>For >2,000, Deduct</i>	-3.30	
		<i>For DR 26 Pipe Liner, Add</i>	10.73	
		<i>For DR 35 Pipe Liner, Deduct</i>	-5.37	
		<i>For DR 41 Pipe Liner, Deduct</i>	-10.73	
33 01 30 72-0040	LF	15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	72.98	
		<i>For >500 To 1,000, Deduct</i>	-0.94	
		<i>For >1,000 To 2,000, Deduct</i>	-1.88	
		<i>For >2,000, Deduct</i>	-3.75	
		<i>For DR 35 Pipe Liner, Deduct</i>	-7.56	
		<i>For DR 41 Pipe Liner, Deduct</i>	-15.12	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0041	LF 18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35.....	101.89
	For >500 To 1,000, Deduct	-1.06
	For >1,000 To 2,000, Deduct	-2.12
	For >2,000, Deduct	-4.23
	For DR 41 Pipe Liner, Deduct	-8.78
	For DR 50 Pipe Liner, Deduct	-17.56
33 01 30 72-0042	LF 21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47.....	114.78
	For >500 To 1,000, Deduct	-1.15
	For >1,000 To 2,000, Deduct	-2.29
	For >2,000, Deduct	-4.58
	For DR 50 Pipe Liner, Deduct	-14.93
	For DR 55 Pipe Liner, Deduct	-24.88
33 01 30 72-0043	LF 24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55.....	139.58
	For >500 To 1,000, Deduct	-1.25
	For >1,000 To 2,000, Deduct	-2.50
	For >2,000, Deduct	-5.00
	For DR 60 Pipe Liner, Deduct	-18.44
33 01 30 72-0044	Lining Pipe, Spray Applied With Structural Polyurethane <small>(33 01 30 72-0001)</small>	
	Note: Two part structural polyurethane.	
33 01 30 72-0045	Mobilization And Setup For Spray Applied Structural Polyurethane Lining <small>(33 01 30 72-0044)</small>	
33 01 30 72-0046	EA Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining.....	1,457.08
33 01 30 72-0047	Lining Pipe, Spray Applied With 100 mil Structural Polyurethane <small>(33 01 30 72-0044)</small>	
	Note: Two part structural polyurethane.	
33 01 30 72-0048	LF 36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	35.15
	For Up To 75, Add	7.82
	For >75 To 150, Add	3.52
	For >500 To 1,000, Deduct	-1.02
	For >1,000 To 2,000, Deduct	-1.96
	For >2,000 To 5,000, Deduct	-3.05
	For >5,000, Deduct	-4.30
33 01 30 72-0049	LF 42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	41.02
	For Up To 75, Add	9.12
	For >75 To 150, Add	4.10
	For >500 To 1,000, Deduct	-1.19
	For >1,000 To 2,000, Deduct	-2.28
	For >2,000 To 5,000, Deduct	-3.56
	For >5,000, Deduct	-5.02
33 01 30 72-0050	LF 48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	46.88
	For Up To 75, Add	10.42
	For >75 To 150, Add	4.69
	For >500 To 1,000, Deduct	-1.36
	For >1,000 To 2,000, Deduct	-2.61
	For >2,000 To 5,000, Deduct	-4.07
	For >5,000, Deduct	-5.74
33 01 30 72-0051	LF 54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	52.74
	For Up To 75, Add	11.73
	For >75 To 150, Add	5.27
	For >500 To 1,000, Deduct	-1.53
	For >1,000 To 2,000, Deduct	-2.93
	For >2,000 To 5,000, Deduct	-4.58
	For >5,000, Deduct	-6.45
33 01 30 72-0052	LF 60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	58.60
	For Up To 75, Add	13.03
	For >75 To 150, Add	5.86
	For >500 To 1,000, Deduct	-1.70
	For >1,000 To 2,000, Deduct	-3.26
	For >2,000 To 5,000, Deduct	-5.09
	For >5,000, Deduct	-7.17
33 01 30 72-0053	LF 66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	64.46
	For Up To 75, Add	14.33
	For >75 To 150, Add	6.45
	For >500 To 1,000, Deduct	-1.87
	For >1,000 To 2,000, Deduct	-3.59
	For >2,000 To 5,000, Deduct	-5.60
	For >5,000, Deduct	-7.89
33 01 30 72-0054	LF 72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	70.31
	For Up To 75, Add	15.63
	For >75 To 150, Add	7.03
	For >500 To 1,000, Deduct	-2.03
	For >1,000 To 2,000, Deduct	-3.91
	For >2,000 To 5,000, Deduct	-6.10
	For >5,000, Deduct	-8.60
33 01 30 72-0055	LF 78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	76.17
	For Up To 75, Add	16.94
	For >75 To 150, Add	7.62
	For >500 To 1,000, Deduct	-2.20
	For >1,000 To 2,000, Deduct	-4.24
	For >2,000 To 5,000, Deduct	-6.61
	For >5,000, Deduct	-9.32
33 01 30 72-0056	LF 84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	82.03
	For Up To 75, Add	18.24
	For >75 To 150, Add	8.20
	For >500 To 1,000, Deduct	-2.37
	For >1,000 To 2,000, Deduct	-4.56
	For >2,000 To 5,000, Deduct	-7.12
	For >5,000, Deduct	-10.04

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0057	LF	90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	87.89	
		For Up To 75, Add	19.54	
		For >75 To 150, Add	8.79	
		For >500 To 1,000, Deduct	-2.54	
		For >1,000 To 2,000, Deduct	-4.89	
		For >2,000 To 5,000, Deduct	-7.63	
		For >5,000, Deduct	-10.75	
33 01 30 72-0058	LF	96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	93.75	
		For Up To 75, Add	20.85	
		For >75 To 150, Add	9.38	
		For >500 To 1,000, Deduct	-2.71	
		For >1,000 To 2,000, Deduct	-5.22	
		For >2,000 To 5,000, Deduct	-8.14	
		For >5,000, Deduct	-11.47	
33 01 30 72-0059	LF	102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	99.62	
		For Up To 75, Add	22.15	
		For >75 To 150, Add	9.96	
		For >500 To 1,000, Deduct	-2.88	
		For >1,000 To 2,000, Deduct	-5.54	
		For >2,000 To 5,000, Deduct	-8.65	
		For >5,000, Deduct	-12.19	
33 01 30 72-0060	LF	108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	105.47	
		For Up To 75, Add	23.45	
		For >75 To 150, Add	10.55	
		For >500 To 1,000, Deduct	-3.05	
		For >1,000 To 2,000, Deduct	-5.87	
		For >2,000 To 5,000, Deduct	-9.16	
		For >5,000, Deduct	-12.90	
33 01 30 72-0061	LF	114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	111.34	
		For Up To 75, Add	24.76	
		For >75 To 150, Add	11.13	
		For >500 To 1,000, Deduct	-3.22	
		For >1,000 To 2,000, Deduct	-6.20	
		For >2,000 To 5,000, Deduct	-9.67	
		For >5,000, Deduct	-13.62	
33 01 30 72-0062	LF	120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	117.19	
		For Up To 75, Add	26.06	
		For >75 To 150, Add	11.72	
		For >500 To 1,000, Deduct	-3.39	
		For >1,000 To 2,000, Deduct	-6.52	
		For >2,000 To 5,000, Deduct	-10.17	
		For >5,000, Deduct	-14.34	
33 01 30 72-0063	SF	Structure Lining, Spray Applied With 100 mil Structural Polyurethane	3.73	
33 01 30 72-0064	Lining Pipe, Spray Applied With 150 mil Structural Polyurethane (33 01 30 72-0044)			
Note: Two part structural polyurethane.				
33 01 30 72-0065	LF	36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	45.73	
		For Up To 75, Add	9.97	
		For >75 To 150, Add	4.57	
		For >500 To 1,000, Deduct	-1.25	
		For >1,000 To 2,000, Deduct	-2.41	
		For >2,000 To 5,000, Deduct	-3.74	
		For >5,000, Deduct	-5.40	
33 01 30 72-0066	LF	42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	53.34	
		For Up To 75, Add	11.63	
		For >75 To 150, Add	5.33	
		For >500 To 1,000, Deduct	-1.45	
		For >1,000 To 2,000, Deduct	-2.81	
		For >2,000 To 5,000, Deduct	-4.36	
		For >5,000, Deduct	-6.30	
33 01 30 72-0067	LF	48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	60.96	
		For Up To 75, Add	13.30	
		For >75 To 150, Add	6.10	
		For >500 To 1,000, Deduct	-1.66	
		For >1,000 To 2,000, Deduct	-3.21	
		For >2,000 To 5,000, Deduct	-4.98	
		For >5,000, Deduct	-7.20	
33 01 30 72-0068	LF	54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	68.57	
		For Up To 75, Add	14.95	
		For >75 To 150, Add	6.86	
		For >500 To 1,000, Deduct	-1.87	
		For >1,000 To 2,000, Deduct	-3.61	
		For >2,000 To 5,000, Deduct	-5.60	
		For >5,000, Deduct	-8.10	
33 01 30 72-0069	LF	60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	76.20	
		For Up To 75, Add	16.62	
		For >75 To 150, Add	7.62	
		For >500 To 1,000, Deduct	-2.08	
		For >1,000 To 2,000, Deduct	-4.01	
		For >2,000 To 5,000, Deduct	-6.23	
		For >5,000, Deduct	-9.00	
33 01 30 72-0070	LF	66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	83.82	
		For Up To 75, Add	18.28	
		For >75 To 150, Add	8.38	
		For >500 To 1,000, Deduct	-2.28	
		For >1,000 To 2,000, Deduct	-4.41	
		For >2,000 To 5,000, Deduct	-6.85	
		For >5,000, Deduct	-9.90	

33 Utilities
33 01 Operation And Maintenance Of Utilities
33 01 30 Operation And Maintenance Of Sewer Utilities



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0071 LF 72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	91.44	
For Up To 75, Add	19.94	
For >75 To 150, Add	9.14	
For >500 To 1,000, Deduct	-2.49	
For >1,000 To 2,000, Deduct	-4.82	
For >2,000 To 5,000, Deduct	-7.47	
For >5,000, Deduct	-10.80	
33 01 30 72-0072 LF 78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	99.06	
For Up To 75, Add	21.60	
For >75 To 150, Add	9.91	
For >500 To 1,000, Deduct	-2.70	
For >1,000 To 2,000, Deduct	-5.22	
For >2,000 To 5,000, Deduct	-8.09	
For >5,000, Deduct	-11.70	
33 01 30 72-0073 LF 84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	106.68	
For Up To 75, Add	23.27	
For >75 To 150, Add	10.67	
For >500 To 1,000, Deduct	-2.91	
For >1,000 To 2,000, Deduct	-5.62	
For >2,000 To 5,000, Deduct	-8.72	
For >5,000, Deduct	-12.60	
33 01 30 72-0074 LF 90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	114.30	
For Up To 75, Add	24.93	
For >75 To 150, Add	11.43	
For >500 To 1,000, Deduct	-3.11	
For >1,000 To 2,000, Deduct	-6.02	
For >2,000 To 5,000, Deduct	-9.34	
For >5,000, Deduct	-13.50	
33 01 30 72-0075 LF 96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	121.92	
For Up To 75, Add	26.59	
For >75 To 150, Add	12.19	
For >500 To 1,000, Deduct	-3.32	
For >1,000 To 2,000, Deduct	-6.42	
For >2,000 To 5,000, Deduct	-9.96	
For >5,000, Deduct	-14.40	
33 01 30 72-0076 LF 102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	129.55	
For Up To 75, Add	28.25	
For >75 To 150, Add	12.96	
For >500 To 1,000, Deduct	-3.53	
For >1,000 To 2,000, Deduct	-6.82	
For >2,000 To 5,000, Deduct	-10.59	
For >5,000, Deduct	-15.30	
33 01 30 72-0077 LF 108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	137.17	
For Up To 75, Add	29.92	
For >75 To 150, Add	13.72	
For >500 To 1,000, Deduct	-3.74	
For >1,000 To 2,000, Deduct	-7.22	
For >2,000 To 5,000, Deduct	-11.21	
For >5,000, Deduct	-16.20	
33 01 30 72-0078 LF 114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	144.78	
For Up To 75, Add	31.58	
For >75 To 150, Add	14.48	
For >500 To 1,000, Deduct	-3.94	
For >1,000 To 2,000, Deduct	-7.62	
For >2,000 To 5,000, Deduct	-11.83	
For >5,000, Deduct	-17.10	
33 01 30 72-0079 LF 120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	152.40	
For Up To 75, Add	33.24	
For >75 To 150, Add	15.24	
For >500 To 1,000, Deduct	-4.15	
For >1,000 To 2,000, Deduct	-8.03	
For >2,000 To 5,000, Deduct	-12.45	
For >5,000, Deduct	-18.00	
33 01 30 72-0080 SF Structure Lining, Spray Applied With 150 mil Structural Polyurethane.....	4.85	
33 01 30 72-0081 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane <small>(33 01 30 72-0044)</small>		
<i>Note: Two part structural polyurethane.</i>		
33 01 30 72-0082 LF 36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	56.29	
For Up To 75, Add	12.13	
For >75 To 150, Add	5.63	
For >500 To 1,000, Deduct	-1.47	
For >1,000 To 2,000, Deduct	-2.86	
For >2,000 To 5,000, Deduct	-4.42	
For >5,000, Deduct	-6.50	
33 01 30 72-0083 LF 42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	65.68	
For Up To 75, Add	14.15	
For >75 To 150, Add	6.57	
For >500 To 1,000, Deduct	-1.72	
For >1,000 To 2,000, Deduct	-3.34	
For >2,000 To 5,000, Deduct	-5.16	
For >5,000, Deduct	-7.58	
33 01 30 72-0084 LF 48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	75.06	
For Up To 75, Add	16.17	
For >75 To 150, Add	7.51	
For >500 To 1,000, Deduct	-1.97	
For >1,000 To 2,000, Deduct	-3.82	
For >2,000 To 5,000, Deduct	-5.90	
For >5,000, Deduct	-8.67	

Utilities	33	CS
Operation And Maintenance Of Utilities			33 01
Operation And Maintenance Of Sewer Utilities		33 01 30

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
33 01 30 72-0085	LF 54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	84.44	
	<i>For Up To 75, Add</i>	18.19	
	<i>For >75 To 150, Add</i>	8.44	
	<i>For >500 To 1,000, Deduct</i>	-2.21	
	<i>For >1,000 To 2,000, Deduct</i>	-4.29	
	<i>For >2,000 To 5,000, Deduct</i>	-6.63	
	<i>For >5,000, Deduct</i>	-9.75	
33 01 30 72-0086	LF 60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	93.82	
	<i>For Up To 75, Add</i>	20.22	
	<i>For >75 To 150, Add</i>	9.38	
	<i>For >500 To 1,000, Deduct</i>	-2.46	
	<i>For >1,000 To 2,000, Deduct</i>	-4.77	
	<i>For >2,000 To 5,000, Deduct</i>	-7.37	
	<i>For >5,000, Deduct</i>	-10.83	
33 01 30 72-0087	LF 66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	103.19	
	<i>For Up To 75, Add</i>	22.23	
	<i>For >75 To 150, Add</i>	10.32	
	<i>For >500 To 1,000, Deduct</i>	-2.70	
	<i>For >1,000 To 2,000, Deduct</i>	-5.24	
	<i>For >2,000 To 5,000, Deduct</i>	-8.11	
	<i>For >5,000, Deduct</i>	-11.92	
33 01 30 72-0088	LF 72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	112.59	
	<i>For Up To 75, Add</i>	24.26	
	<i>For >75 To 150, Add</i>	11.26	
	<i>For >500 To 1,000, Deduct</i>	-2.95	
	<i>For >1,000 To 2,000, Deduct</i>	-5.72	
	<i>For >2,000 To 5,000, Deduct</i>	-8.85	
	<i>For >5,000, Deduct</i>	-13.00	
33 01 30 72-0089	LF 78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	121.97	
	<i>For Up To 75, Add</i>	26.28	
	<i>For >75 To 150, Add</i>	12.20	
	<i>For >500 To 1,000, Deduct</i>	-3.19	
	<i>For >1,000 To 2,000, Deduct</i>	-6.20	
	<i>For >2,000 To 5,000, Deduct</i>	-9.58	
	<i>For >5,000, Deduct</i>	-14.08	
33 01 30 72-0090	LF 84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	131.35	
	<i>For Up To 75, Add</i>	28.30	
	<i>For >75 To 150, Add</i>	13.14	
	<i>For >500 To 1,000, Deduct</i>	-3.44	
	<i>For >1,000 To 2,000, Deduct</i>	-6.68	
	<i>For >2,000 To 5,000, Deduct</i>	-10.32	
	<i>For >5,000, Deduct</i>	-15.17	
33 01 30 72-0091	LF 90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	140.73	
	<i>For Up To 75, Add</i>	30.32	
	<i>For >75 To 150, Add</i>	14.07	
	<i>For >500 To 1,000, Deduct</i>	-3.69	
	<i>For >1,000 To 2,000, Deduct</i>	-7.15	
	<i>For >2,000 To 5,000, Deduct</i>	-11.06	
	<i>For >5,000, Deduct</i>	-16.25	
33 01 30 72-0092	LF 96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	150.12	
	<i>For Up To 75, Add</i>	32.35	
	<i>For >75 To 150, Add</i>	15.01	
	<i>For >500 To 1,000, Deduct</i>	-3.93	
	<i>For >1,000 To 2,000, Deduct</i>	-7.63	
	<i>For >2,000 To 5,000, Deduct</i>	-11.79	
	<i>For >5,000, Deduct</i>	-17.33	
33 01 30 72-0093	LF 102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	159.50	
	<i>For Up To 75, Add</i>	34.37	
	<i>For >75 To 150, Add</i>	15.95	
	<i>For >500 To 1,000, Deduct</i>	-4.18	
	<i>For >1,000 To 2,000, Deduct</i>	-8.11	
	<i>For >2,000 To 5,000, Deduct</i>	-12.53	
	<i>For >5,000, Deduct</i>	-18.42	
33 01 30 72-0094	LF 108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	168.88	
	<i>For Up To 75, Add</i>	36.39	
	<i>For >75 To 150, Add</i>	16.89	
	<i>For >500 To 1,000, Deduct</i>	-4.42	
	<i>For >1,000 To 2,000, Deduct</i>	-8.58	
	<i>For >2,000 To 5,000, Deduct</i>	-13.27	
	<i>For >5,000, Deduct</i>	-19.50	
33 01 30 72-0095	LF 114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	178.26	
	<i>For Up To 75, Add</i>	38.41	
	<i>For >75 To 150, Add</i>	17.83	
	<i>For >500 To 1,000, Deduct</i>	-4.67	
	<i>For >1,000 To 2,000, Deduct</i>	-9.06	
	<i>For >2,000 To 5,000, Deduct</i>	-14.00	
	<i>For >5,000, Deduct</i>	-20.58	
33 01 30 72-0096	LF 120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	187.64	
	<i>For Up To 75, Add</i>	40.43	
	<i>For >75 To 150, Add</i>	18.76	
	<i>For >500 To 1,000, Deduct</i>	-4.91	
	<i>For >1,000 To 2,000, Deduct</i>	-9.54	
	<i>For >2,000 To 5,000, Deduct</i>	-14.74	
	<i>For >5,000, Deduct</i>	-21.67	
33 01 30 72-0097	SF Structure Lining, Spray Applied With 200 mil Structural Polyurethane	5.97	

33 01 30 72-0098 Lining Pipe, Spray Applied With 250 mil Structural Polyurethane (33 01 30 72-0044)
 Note: Two part structural polyurethane.

33	33 Utilities	
	33 01 Operation And Maintenance Of Utilities	
	33 01 30 Operation And Maintenance Of Sewer Utilities	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01 30 72-0099	LF		36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	66.93	
			<i>For Up To 75, Add</i>	14.30	
			<i>For >75 To 150, Add</i>	6.69	
			<i>For >500 To 1,000, Deduct</i>	-1.71	
			<i>For >1,000 To 2,000, Deduct</i>	-3.32	
			<i>For >2,000 To 5,000, Deduct</i>	-5.12	
			<i>For >5,000, Deduct</i>	-7.61	
33 01 30 72-0100	LF		42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	78.09	
			<i>For Up To 75, Add</i>	16.69	
			<i>For >75 To 150, Add</i>	7.81	
			<i>For >500 To 1,000, Deduct</i>	-1.99	
			<i>For >1,000 To 2,000, Deduct</i>	-3.87	
			<i>For >2,000 To 5,000, Deduct</i>	-5.97	
			<i>For >5,000, Deduct</i>	-8.88	
33 01 30 72-0101	LF		48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	89.24	
			<i>For Up To 75, Add</i>	19.07	
			<i>For >75 To 150, Add</i>	8.92	
			<i>For >500 To 1,000, Deduct</i>	-2.27	
			<i>For >1,000 To 2,000, Deduct</i>	-4.43	
			<i>For >2,000 To 5,000, Deduct</i>	-6.82	
			<i>For >5,000, Deduct</i>	-10.15	
33 01 30 72-0102	LF		54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	100.38	
			<i>For Up To 75, Add</i>	21.45	
			<i>For >75 To 150, Add</i>	10.04	
			<i>For >500 To 1,000, Deduct</i>	-2.56	
			<i>For >1,000 To 2,000, Deduct</i>	-4.98	
			<i>For >2,000 To 5,000, Deduct</i>	-7.67	
			<i>For >5,000, Deduct</i>	-11.41	
33 01 30 72-0103	LF		60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	111.55	
			<i>For Up To 75, Add</i>	23.84	
			<i>For >75 To 150, Add</i>	11.16	
			<i>For >500 To 1,000, Deduct</i>	-2.84	
			<i>For >1,000 To 2,000, Deduct</i>	-5.53	
			<i>For >2,000 To 5,000, Deduct</i>	-8.53	
			<i>For >5,000, Deduct</i>	-12.68	
33 01 30 72-0104	LF		66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	122.69	
			<i>For Up To 75, Add</i>	26.22	
			<i>For >75 To 150, Add</i>	12.27	
			<i>For >500 To 1,000, Deduct</i>	-3.13	
			<i>For >1,000 To 2,000, Deduct</i>	-6.08	
			<i>For >2,000 To 5,000, Deduct</i>	-9.38	
			<i>For >5,000, Deduct</i>	-13.95	
33 01 30 72-0105	LF		72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	133.86	
			<i>For Up To 75, Add</i>	28.61	
			<i>For >75 To 150, Add</i>	13.39	
			<i>For >500 To 1,000, Deduct</i>	-3.41	
			<i>For >1,000 To 2,000, Deduct</i>	-6.64	
			<i>For >2,000 To 5,000, Deduct</i>	-10.23	
			<i>For >5,000, Deduct</i>	-15.22	
33 01 30 72-0106	LF		78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	145.01	
			<i>For Up To 75, Add</i>	30.99	
			<i>For >75 To 150, Add</i>	14.50	
			<i>For >500 To 1,000, Deduct</i>	-3.69	
			<i>For >1,000 To 2,000, Deduct</i>	-7.19	
			<i>For >2,000 To 5,000, Deduct</i>	-11.08	
			<i>For >5,000, Deduct</i>	-16.49	
33 01 30 72-0107	LF		84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	156.17	
			<i>For Up To 75, Add</i>	33.37	
			<i>For >75 To 150, Add</i>	15.62	
			<i>For >500 To 1,000, Deduct</i>	-3.98	
			<i>For >1,000 To 2,000, Deduct</i>	-7.74	
			<i>For >2,000 To 5,000, Deduct</i>	-11.94	
			<i>For >5,000, Deduct</i>	-17.76	
33 01 30 72-0108	LF		90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	167.32	
			<i>For Up To 75, Add</i>	35.76	
			<i>For >75 To 150, Add</i>	16.73	
			<i>For >500 To 1,000, Deduct</i>	-4.26	
			<i>For >1,000 To 2,000, Deduct</i>	-8.30	
			<i>For >2,000 To 5,000, Deduct</i>	-12.79	
			<i>For >5,000, Deduct</i>	-19.02	
33 01 30 72-0109	LF		96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	178.48	
			<i>For Up To 75, Add</i>	38.14	
			<i>For >75 To 150, Add</i>	17.85	
			<i>For >500 To 1,000, Deduct</i>	-4.55	
			<i>For >1,000 To 2,000, Deduct</i>	-8.85	
			<i>For >2,000 To 5,000, Deduct</i>	-13.64	
			<i>For >5,000, Deduct</i>	-20.29	
33 01 30 72-0110	LF		102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	189.63	
			<i>For Up To 75, Add</i>	40.52	
			<i>For >75 To 150, Add</i>	18.96	
			<i>For >500 To 1,000, Deduct</i>	-4.83	
			<i>For >1,000 To 2,000, Deduct</i>	-9.40	
			<i>For >2,000 To 5,000, Deduct</i>	-14.49	
			<i>For >5,000, Deduct</i>	-21.56	
33 01 30 72-0111	LF		108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	200.79	
			<i>For Up To 75, Add</i>	42.91	
			<i>For >75 To 150, Add</i>	20.08	
			<i>For >500 To 1,000, Deduct</i>	-5.12	
			<i>For >1,000 To 2,000, Deduct</i>	-9.96	
			<i>For >2,000 To 5,000, Deduct</i>	-15.35	
			<i>For >5,000, Deduct</i>	-22.83	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0112	LF	114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	211.94	
		<i>For Up To 75, Add</i>	45.29	
		<i>For >75 To 150, Add</i>	21.19	
		<i>For >500 To 1,000, Deduct</i>	-5.40	
		<i>For >1,000 To 2,000, Deduct</i>	-10.51	
		<i>For >2,000 To 5,000, Deduct</i>	-16.20	
		<i>For >5,000, Deduct</i>	-24.10	
33 01 30 72-0113	LF	120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	223.10	
		<i>For Up To 75, Add</i>	47.68	
		<i>For >75 To 150, Add</i>	22.31	
		<i>For >500 To 1,000, Deduct</i>	-5.68	
		<i>For >1,000 To 2,000, Deduct</i>	-11.06	
		<i>For >2,000 To 5,000, Deduct</i>	-17.05	
		<i>For >5,000, Deduct</i>	-25.37	
33 01 30 72-0114	SF	Structure Lining, Spray Applied With 250 mil Structural Polyurethane	7.10	
33 01 30 72-0115		Lining Pipe, Spray Applied With 300 mil Structural Polyurethane <small>(33 01 30 72-0044)</small>		
		<i>Note: Two part structural polyurethane.</i>		
33 01 30 72-0116	LF	36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	77.65	
		<i>For Up To 75, Add</i>	16.50	
		<i>For >75 To 150, Add</i>	7.77	
		<i>For >500 To 1,000, Deduct</i>	-1.94	
		<i>For >1,000 To 2,000, Deduct</i>	-3.78	
		<i>For >2,000 To 5,000, Deduct</i>	-5.82	
		<i>For >5,000, Deduct</i>	-8.73	
33 01 30 72-0117	LF	42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	90.59	
		<i>For Up To 75, Add</i>	19.24	
		<i>For >75 To 150, Add</i>	9.06	
		<i>For >500 To 1,000, Deduct</i>	-2.26	
		<i>For >1,000 To 2,000, Deduct</i>	-4.41	
		<i>For >2,000 To 5,000, Deduct</i>	-6.79	
		<i>For >5,000, Deduct</i>	-10.18	
33 01 30 72-0118	LF	48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	103.53	
		<i>For Up To 75, Add</i>	21.99	
		<i>For >75 To 150, Add</i>	10.35	
		<i>For >500 To 1,000, Deduct</i>	-2.59	
		<i>For >1,000 To 2,000, Deduct</i>	-5.04	
		<i>For >2,000 To 5,000, Deduct</i>	-7.76	
		<i>For >5,000, Deduct</i>	-11.64	
33 01 30 72-0119	LF	54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	116.47	
		<i>For Up To 75, Add</i>	24.74	
		<i>For >75 To 150, Add</i>	11.65	
		<i>For >500 To 1,000, Deduct</i>	-2.91	
		<i>For >1,000 To 2,000, Deduct</i>	-5.67	
		<i>For >2,000 To 5,000, Deduct</i>	-8.72	
		<i>For >5,000, Deduct</i>	-13.09	
33 01 30 72-0120	LF	60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	129.41	
		<i>For Up To 75, Add</i>	27.49	
		<i>For >75 To 150, Add</i>	12.94	
		<i>For >500 To 1,000, Deduct</i>	-3.23	
		<i>For >1,000 To 2,000, Deduct</i>	-6.30	
		<i>For >2,000 To 5,000, Deduct</i>	-9.69	
		<i>For >5,000, Deduct</i>	-14.55	
33 01 30 72-0121	LF	66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	142.36	
		<i>For Up To 75, Add</i>	30.24	
		<i>For >75 To 150, Add</i>	14.24	
		<i>For >500 To 1,000, Deduct</i>	-3.55	
		<i>For >1,000 To 2,000, Deduct</i>	-6.93	
		<i>For >2,000 To 5,000, Deduct</i>	-10.66	
		<i>For >5,000, Deduct</i>	-16.01	
33 01 30 72-0122	LF	72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	155.29	
		<i>For Up To 75, Add</i>	32.99	
		<i>For >75 To 150, Add</i>	15.53	
		<i>For >500 To 1,000, Deduct</i>	-3.88	
		<i>For >1,000 To 2,000, Deduct</i>	-7.56	
		<i>For >2,000 To 5,000, Deduct</i>	-11.63	
		<i>For >5,000, Deduct</i>	-17.46	
33 01 30 72-0123	LF	78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	168.25	
		<i>For Up To 75, Add</i>	35.74	
		<i>For >75 To 150, Add</i>	16.83	
		<i>For >500 To 1,000, Deduct</i>	-4.20	
		<i>For >1,000 To 2,000, Deduct</i>	-8.19	
		<i>For >2,000 To 5,000, Deduct</i>	-12.60	
		<i>For >5,000, Deduct</i>	-18.92	
33 01 30 72-0124	LF	84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	181.19	
		<i>For Up To 75, Add</i>	38.49	
		<i>For >75 To 150, Add</i>	18.12	
		<i>For >500 To 1,000, Deduct</i>	-4.52	
		<i>For >1,000 To 2,000, Deduct</i>	-8.82	
		<i>For >2,000 To 5,000, Deduct</i>	-13.57	
		<i>For >5,000, Deduct</i>	-20.37	
33 01 30 72-0125	LF	90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	194.12	
		<i>For Up To 75, Add</i>	41.24	
		<i>For >75 To 150, Add</i>	19.41	
		<i>For >500 To 1,000, Deduct</i>	-4.85	
		<i>For >1,000 To 2,000, Deduct</i>	-9.45	
		<i>For >2,000 To 5,000, Deduct</i>	-14.54	
		<i>For >5,000, Deduct</i>	-21.82	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0126 LF 96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	207.07	
For Up To 75, Add	43.99	
For >75 To 150, Add	20.71	
For >500 To 1,000, Deduct	-5.17	
For >1,000 To 2,000, Deduct	-10.08	
For >2,000 To 5,000, Deduct	-15.51	
For >5,000, Deduct	-23.28	
33 01 30 72-0127 LF 102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	220.01	
For Up To 75, Add	46.74	
For >75 To 150, Add	22.00	
For >500 To 1,000, Deduct	-5.49	
For >1,000 To 2,000, Deduct	-10.71	
For >2,000 To 5,000, Deduct	-16.48	
For >5,000, Deduct	-24.74	
33 01 30 72-0128 LF 108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	232.95	
For Up To 75, Add	49.48	
For >75 To 150, Add	23.30	
For >500 To 1,000, Deduct	-5.82	
For >1,000 To 2,000, Deduct	-11.34	
For >2,000 To 5,000, Deduct	-17.45	
For >5,000, Deduct	-26.19	
33 01 30 72-0129 LF 114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	245.89	
For Up To 75, Add	52.23	
For >75 To 150, Add	24.59	
For >500 To 1,000, Deduct	-6.14	
For >1,000 To 2,000, Deduct	-11.97	
For >2,000 To 5,000, Deduct	-18.42	
For >5,000, Deduct	-27.64	
33 01 30 72-0130 LF 120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	258.83	
For Up To 75, Add	54.98	
For >75 To 150, Add	25.88	
For >500 To 1,000, Deduct	-6.46	
For >1,000 To 2,000, Deduct	-12.60	
For >2,000 To 5,000, Deduct	-19.39	
For >5,000, Deduct	-29.10	
33 01 30 72-0131 SF Structure Lining, Spray Applied With 300 mil Structural Polyurethane.....	8.23	
33 01 30 72-0132 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane (33 01 30 72-0044)		
Note: Two part structural polyurethane.		
33 01 30 72-0133 LF 36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	99.19	
For Up To 75, Add	20.91	
For >75 To 150, Add	9.92	
For >500 To 1,000, Deduct	-2.41	
For >1,000 To 2,000, Deduct	-4.72	
For >2,000 To 5,000, Deduct	-7.24	
For >5,000, Deduct	-10.99	
33 01 30 72-0134 LF 42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	115.73	
For Up To 75, Add	24.40	
For >75 To 150, Add	11.57	
For >500 To 1,000, Deduct	-2.82	
For >1,000 To 2,000, Deduct	-5.50	
For >2,000 To 5,000, Deduct	-8.45	
For >5,000, Deduct	-12.82	
33 01 30 72-0135 LF 48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	132.26	
For Up To 75, Add	27.88	
For >75 To 150, Add	13.23	
For >500 To 1,000, Deduct	-3.22	
For >1,000 To 2,000, Deduct	-6.29	
For >2,000 To 5,000, Deduct	-9.65	
For >5,000, Deduct	-14.66	
33 01 30 72-0136 LF 54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	148.79	
For Up To 75, Add	31.37	
For >75 To 150, Add	14.88	
For >500 To 1,000, Deduct	-3.62	
For >1,000 To 2,000, Deduct	-7.08	
For >2,000 To 5,000, Deduct	-10.86	
For >5,000, Deduct	-16.49	
33 01 30 72-0137 LF 60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	165.32	
For Up To 75, Add	34.85	
For >75 To 150, Add	16.53	
For >500 To 1,000, Deduct	-4.02	
For >1,000 To 2,000, Deduct	-7.86	
For >2,000 To 5,000, Deduct	-12.06	
For >5,000, Deduct	-18.32	
33 01 30 72-0138 LF 66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	181.86	
For Up To 75, Add	38.34	
For >75 To 150, Add	18.19	
For >500 To 1,000, Deduct	-4.42	
For >1,000 To 2,000, Deduct	-8.65	
For >2,000 To 5,000, Deduct	-13.27	
For >5,000, Deduct	-20.15	
33 01 30 72-0139 LF 72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	198.39	
For Up To 75, Add	41.82	
For >75 To 150, Add	19.84	
For >500 To 1,000, Deduct	-4.83	
For >1,000 To 2,000, Deduct	-9.44	
For >2,000 To 5,000, Deduct	-14.48	
For >5,000, Deduct	-21.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0140 LF 78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	214.93	
For Up To 75, Add	45.31	
For >75 To 150, Add	21.49	
For >500 To 1,000, Deduct	-5.23	
For >1,000 To 2,000, Deduct	-10.22	
For >2,000 To 5,000, Deduct	-15.68	
For >5,000, Deduct	-23.82	
33 01 30 72-0141 LF 84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	231.46	
For Up To 75, Add	48.79	
For >75 To 150, Add	23.15	
For >500 To 1,000, Deduct	-5.63	
For >1,000 To 2,000, Deduct	-11.01	
For >2,000 To 5,000, Deduct	-16.89	
For >5,000, Deduct	-25.65	
33 01 30 72-0142 LF 90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	247.99	
For Up To 75, Add	52.28	
For >75 To 150, Add	24.80	
For >500 To 1,000, Deduct	-6.03	
For >1,000 To 2,000, Deduct	-11.80	
For >2,000 To 5,000, Deduct	-18.10	
For >5,000, Deduct	-27.48	
33 01 30 72-0143 LF 96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	264.51	
For Up To 75, Add	55.76	
For >75 To 150, Add	26.45	
For >500 To 1,000, Deduct	-6.43	
For >1,000 To 2,000, Deduct	-12.58	
For >2,000 To 5,000, Deduct	-19.30	
For >5,000, Deduct	-29.31	
33 01 30 72-0144 LF 102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	281.05	
For Up To 75, Add	59.25	
For >75 To 150, Add	28.11	
For >500 To 1,000, Deduct	-6.84	
For >1,000 To 2,000, Deduct	-13.37	
For >2,000 To 5,000, Deduct	-20.51	
For >5,000, Deduct	-31.14	
33 01 30 72-0145 LF 108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	297.58	
For Up To 75, Add	62.73	
For >75 To 150, Add	29.76	
For >500 To 1,000, Deduct	-7.24	
For >1,000 To 2,000, Deduct	-14.15	
For >2,000 To 5,000, Deduct	-21.71	
For >5,000, Deduct	-32.97	
33 01 30 72-0146 LF 114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	314.12	
For Up To 75, Add	66.22	
For >75 To 150, Add	31.41	
For >500 To 1,000, Deduct	-7.64	
For >1,000 To 2,000, Deduct	-14.94	
For >2,000 To 5,000, Deduct	-22.92	
For >5,000, Deduct	-34.81	
33 01 30 72-0147 LF 120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	330.65	
For Up To 75, Add	69.70	
For >75 To 150, Add	33.07	
For >500 To 1,000, Deduct	-8.04	
For >1,000 To 2,000, Deduct	-15.73	
For >2,000 To 5,000, Deduct	-24.13	
For >5,000, Deduct	-36.64	
33 01 30 72-0148 SF Structure Lining, Spray Applied With 400 mil Structural Polyurethane	10.52	
33 01 30 72-0149 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane <small>(33 01 30 72-0044)</small>		
Note: Two part structural polyurethane.		
33 01 30 72-0150 LF 36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	121.01	
For Up To 75, Add	25.39	
For >75 To 150, Add	12.10	
For >500 To 1,000, Deduct	-2.90	
For >1,000 To 2,000, Deduct	-5.67	
For >2,000 To 5,000, Deduct	-8.69	
For >5,000, Deduct	-13.29	
33 01 30 72-0151 LF 42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	141.18	
For Up To 75, Add	29.63	
For >75 To 150, Add	14.12	
For >500 To 1,000, Deduct	-3.38	
For >1,000 To 2,000, Deduct	-6.62	
For >2,000 To 5,000, Deduct	-10.14	
For >5,000, Deduct	-15.51	
33 01 30 72-0152 LF 48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	161.36	
For Up To 75, Add	33.86	
For >75 To 150, Add	16.14	
For >500 To 1,000, Deduct	-3.86	
For >1,000 To 2,000, Deduct	-7.57	
For >2,000 To 5,000, Deduct	-11.59	
For >5,000, Deduct	-17.72	
33 01 30 72-0153 LF 54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	181.52	
For Up To 75, Add	38.09	
For >75 To 150, Add	18.15	
For >500 To 1,000, Deduct	-4.35	
For >1,000 To 2,000, Deduct	-8.51	
For >2,000 To 5,000, Deduct	-13.04	
For >5,000, Deduct	-19.94	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 01 30 72-0154	LF	60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	201.70	
		For Up To 75, Add	42.33	
		For >75 To 150, Add	20.17	
		For >500 To 1,000, Deduct	-4.83	
		For >1,000 To 2,000, Deduct	-9.46	
		For >2,000 To 5,000, Deduct	-14.48	
		For >5,000, Deduct	-22.16	
33 01 30 72-0155	LF	66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	221.86	
		For Up To 75, Add	46.56	
		For >75 To 150, Add	22.19	
		For >500 To 1,000, Deduct	-5.31	
		For >1,000 To 2,000, Deduct	-10.40	
		For >2,000 To 5,000, Deduct	-15.93	
		For >5,000, Deduct	-24.37	
33 01 30 72-0156	LF	72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	242.04	
		For Up To 75, Add	50.79	
		For >75 To 150, Add	24.20	
		For >500 To 1,000, Deduct	-5.79	
		For >1,000 To 2,000, Deduct	-11.35	
		For >2,000 To 5,000, Deduct	-17.38	
		For >5,000, Deduct	-26.59	
33 01 30 72-0157	LF	78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	262.19	
		For Up To 75, Add	55.02	
		For >75 To 150, Add	26.22	
		For >500 To 1,000, Deduct	-6.28	
		For >1,000 To 2,000, Deduct	-12.29	
		For >2,000 To 5,000, Deduct	-18.83	
		For >5,000, Deduct	-28.80	
33 01 30 72-0158	LF	84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	282.37	
		For Up To 75, Add	59.25	
		For >75 To 150, Add	28.24	
		For >500 To 1,000, Deduct	-6.76	
		For >1,000 To 2,000, Deduct	-13.24	
		For >2,000 To 5,000, Deduct	-20.28	
		For >5,000, Deduct	-31.02	
33 01 30 72-0159	LF	90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	302.54	
		For Up To 75, Add	63.49	
		For >75 To 150, Add	30.25	
		For >500 To 1,000, Deduct	-7.24	
		For >1,000 To 2,000, Deduct	-14.19	
		For >2,000 To 5,000, Deduct	-21.73	
		For >5,000, Deduct	-33.23	
33 01 30 72-0160	LF	96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	322.71	
		For Up To 75, Add	67.72	
		For >75 To 150, Add	32.27	
		For >500 To 1,000, Deduct	-7.72	
		For >1,000 To 2,000, Deduct	-15.13	
		For >2,000 To 5,000, Deduct	-23.17	
		For >5,000, Deduct	-35.45	
33 01 30 72-0161	LF	102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	342.88	
		For Up To 75, Add	71.95	
		For >75 To 150, Add	34.29	
		For >500 To 1,000, Deduct	-8.21	
		For >1,000 To 2,000, Deduct	-16.08	
		For >2,000 To 5,000, Deduct	-24.62	
		For >5,000, Deduct	-37.66	
33 01 30 72-0162	LF	108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	363.05	
		For Up To 75, Add	76.18	
		For >75 To 150, Add	36.31	
		For >500 To 1,000, Deduct	-8.69	
		For >1,000 To 2,000, Deduct	-17.02	
		For >2,000 To 5,000, Deduct	-26.07	
		For >5,000, Deduct	-39.88	
33 01 30 72-0163	LF	114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	383.22	
		For Up To 75, Add	80.42	
		For >75 To 150, Add	38.32	
		For >500 To 1,000, Deduct	-9.17	
		For >1,000 To 2,000, Deduct	-17.97	
		For >2,000 To 5,000, Deduct	-27.52	
		For >5,000, Deduct	-42.09	
33 01 30 72-0164	LF	120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	403.40	
		For Up To 75, Add	84.65	
		For >75 To 150, Add	40.34	
		For >500 To 1,000, Deduct	-9.66	
		For >1,000 To 2,000, Deduct	-18.92	
		For >2,000 To 5,000, Deduct	-28.97	
		For >5,000, Deduct	-44.31	
33 01 30 72-0165	SF	Structure Lining, Spray Applied With 500 mil Structural Polyurethane.....	12.83	
33 01 30 72-0166		Relining Underground Water Pipelines <small>(33 01 30 72)</small>		
		Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.		
33 01 30 72-0167		Relining Underground Water Pipelines Set-Up And Reinsertion <small>(33 01 30 72-0166)</small>		
33 01 30 72-0168	EA	Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines	3,666.27	
33 01 30 72-0169	EA	Move And Reset Up At Different Access/Location.....	1,466.51	
33 01 30 72-0170		Lining Pipe With Cement <small>(33 01 30 72-0166)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0171	LF		Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement	45.87	
			For 3/16" Thickness, Add	0.55	
			For 1/4" Thickness, Add	1.09	
33 01 30 72-0172	LF		>500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement	40.82	
			For 3/16" Thickness, Add	0.55	
			For 1/4" Thickness, Add	1.09	
33 01 30 72-0173	LF		>1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement	34.04	
			For 3/16" Thickness, Add	0.55	
			For 1/4" Thickness, Add	1.09	
33 01 30 72-0174	LF		>5,000', 4" Pipe, 1/8" Pipe Lining With Cement	25.54	
			For 3/16" Thickness, Add	0.55	
			For 1/4" Thickness, Add	1.09	
33 01 30 72-0175	LF		Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement	47.58	
			For 3/16" Thickness, Add	0.82	
			For 1/4" Thickness, Add	1.64	
33 01 30 72-0176	LF		>500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement	42.34	
			For 3/16" Thickness, Add	0.82	
			For 1/4" Thickness, Add	1.64	
33 01 30 72-0177	LF		>1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement	35.33	
			For 3/16" Thickness, Add	0.82	
			For 1/4" Thickness, Add	1.64	
33 01 30 72-0178	LF		>5,000', 6" Pipe, 1/8" Pipe Lining With Cement	26.70	
			For 3/16" Thickness, Add	0.82	
			For 1/4" Thickness, Add	1.64	
33 01 30 72-0179	LF		Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement	49.21	
			For 3/16" Thickness, Add	1.09	
			For 1/4" Thickness, Add	2.18	
33 01 30 72-0180	LF		>500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement	43.85	
			For 3/16" Thickness, Add	1.09	
			For 1/4" Thickness, Add	2.18	
33 01 30 72-0181	LF		>1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement	36.60	
			For 3/16" Thickness, Add	1.09	
			For 1/4" Thickness, Add	2.18	
33 01 30 72-0182	LF		>5,000', 8" Pipe, 1/8" Pipe Lining With Cement	27.86	
			For 3/16" Thickness, Add	1.09	
			For 1/4" Thickness, Add	2.18	
33 01 30 72-0183	LF		Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement	50.41	
			For 3/16" Thickness, Add	1.37	
			For 1/4" Thickness, Add	2.73	
33 01 30 72-0184	LF		>500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement	44.96	
			For 3/16" Thickness, Add	1.37	
			For 1/4" Thickness, Add	2.73	
33 01 30 72-0185	LF		>1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement	37.62	
			For 3/16" Thickness, Add	1.37	
			For 1/4" Thickness, Add	2.73	
33 01 30 72-0186	LF		>5,000', 10" Pipe, 1/8" Pipe Lining With Cement	29.02	
			For 3/16" Thickness, Add	1.37	
			For 1/4" Thickness, Add	2.73	
33 01 30 72-0187	LF		Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement	54.40	
			For 3/16" Thickness, Add	1.64	
			For 1/4" Thickness, Add	3.27	
33 01 30 72-0188	LF		>500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement	48.60	
			For 3/16" Thickness, Add	1.64	
			For 1/4" Thickness, Add	3.27	
33 01 30 72-0189	LF		>1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement	40.78	
			For 3/16" Thickness, Add	1.64	
			For 1/4" Thickness, Add	3.27	
33 01 30 72-0190	LF		>5,000', 12" Pipe, 1/8" Pipe Lining With Cement	31.50	
			For 3/16" Thickness, Add	1.64	
			For 1/4" Thickness, Add	3.27	
33 01 30 72-0191	LF		Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	58.13	
			For 1/4" Thickness, Add	1.82	
			For 5/16" Thickness, Add	3.64	
33 01 30 72-0192	LF		>500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	52.12	
			For 1/4" Thickness, Add	1.82	
			For 5/16" Thickness, Add	3.64	
33 01 30 72-0193	LF		>1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	43.98	
			For 1/4" Thickness, Add	1.82	
			For 5/16" Thickness, Add	3.64	
33 01 30 72-0194	LF		>5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement	35.08	
			For 1/4" Thickness, Add	1.82	
			For 5/16" Thickness, Add	3.64	
33 01 30 72-0195	LF		Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	60.77	
			For 1/4" Thickness, Add	2.18	
			For 5/16" Thickness, Add	4.37	
33 01 30 72-0196	LF		>500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	54.58	
			For 1/4" Thickness, Add	2.18	
			For 5/16" Thickness, Add	4.37	
33 01 30 72-0197	LF		>1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	46.15	
			For 1/4" Thickness, Add	2.18	
			For 5/16" Thickness, Add	4.37	
33 01 30 72-0198	LF		>5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement	37.72	
			For 1/4" Thickness, Add	2.18	
			For 5/16" Thickness, Add	4.37	
33 01 30 72-0199	LF		Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	64.11	
			For 1/4" Thickness, Add	2.55	
			For 5/16" Thickness, Add	5.09	
33 01 30 72-0200	LF		>500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	57.69	
			For 1/4" Thickness, Add	2.55	
			For 5/16" Thickness, Add	5.09	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION
				UNIT COST	UNIT COST
33 01	30 72-0201	LF	>1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	48.87	
			For 1/4" Thickness, Add	2.55	
			For 5/16" Thickness, Add	5.09	
33 01	30 72-0202	LF	>5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement	40.97	
			For 1/4" Thickness, Add	2.55	
			For 5/16" Thickness, Add	5.09	
33 01	30 72-0203	LF	Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement	67.52	
			For 1/4" Thickness, Add	2.91	
			For 5/16" Thickness, Add	5.83	
33 01	30 72-0204	LF	>500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement	60.85	
			For 1/4" Thickness, Add	2.91	
			For 5/16" Thickness, Add	5.83	
33 01	30 72-0205	LF	>1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement	51.74	
			For 1/4" Thickness, Add	2.91	
			For 5/16" Thickness, Add	5.83	
33 01	30 72-0206	LF	>5,000', 24" Pipe, 3/16" Pipe Lining With Cement	44.40	
			For 1/4" Thickness, Add	2.91	
			For 5/16" Thickness, Add	5.83	
33 01	30 72-0207	LF	Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement	71.94	
			For 1/4" Thickness, Add	3.64	
			For 5/16" Thickness, Add	7.28	
33 01	30 72-0208	LF	>500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement	64.88	
			For 1/4" Thickness, Add	3.64	
			For 5/16" Thickness, Add	7.28	
33 01	30 72-0209	LF	>1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement	55.24	
			For 1/4" Thickness, Add	3.64	
			For 5/16" Thickness, Add	7.28	
33 01	30 72-0210	LF	>5,000', 30" Pipe, 3/16" Pipe Lining With Cement	47.82	
			For 1/4" Thickness, Add	3.64	
			For 5/16" Thickness, Add	7.28	
33 01	30 72-0211	LF	Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement	76.30	
			For 1/4" Thickness, Add	4.37	
			For 5/16" Thickness, Add	8.74	
33 01	30 72-0212	LF	500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement	68.93	
			For 1/4" Thickness, Add	4.37	
			For 5/16" Thickness, Add	8.74	
33 01	30 72-0213	LF	>1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement	58.75	
			For 1/4" Thickness, Add	4.37	
			For 5/16" Thickness, Add	8.74	
33 01	30 72-0214	LF	>5,000', 36" Pipe, 3/16" Pipe Lining With Cement	51.24	
			For 1/4" Thickness, Add	4.37	
			For 5/16" Thickness, Add	8.74	
33 01	30 72-0215	LF	Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement	92.00	
			For 3/8" Thickness, Add	11.47	
			For 7/16" Thickness, Add	17.20	
33 01	30 72-0216	LF	>500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement	83.96	
			For 3/8" Thickness, Add	11.47	
			For 7/16" Thickness, Add	17.20	
33 01	30 72-0217	LF	>1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement	72.90	
			For 3/8" Thickness, Add	11.47	
			For 7/16" Thickness, Add	17.20	
33 01	30 72-0218	LF	>5,000', 42" Pipe, 1/4" Pipe Lining With Cement	65.16	
			For 3/8" Thickness, Add	11.47	
			For 7/16" Thickness, Add	17.20	
33 01	30 72-0219	LF	Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement	101.07	
			For 3/8" Thickness, Add	13.10	
			For 7/16" Thickness, Add	19.65	
33 01	30 72-0220	LF	>500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement	92.48	
			For 3/8" Thickness, Add	13.10	
			For 7/16" Thickness, Add	19.65	
33 01	30 72-0221	LF	>1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement	80.58	
			For 3/8" Thickness, Add	13.10	
			For 7/16" Thickness, Add	19.65	
33 01	30 72-0222	LF	>5,000', 48" Pipe, 1/4" Pipe Lining With Cement	72.68	
			For 3/8" Thickness, Add	13.10	
			For 7/16" Thickness, Add	19.65	
33 01	30 72-0223	LF	Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement	105.74	
			For 3/8" Thickness, Add	14.74	
			For 7/16" Thickness, Add	22.11	
33 01	30 72-0224	LF	>500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement	96.97	
			For 3/8" Thickness, Add	14.74	
			For 7/16" Thickness, Add	22.11	
33 01	30 72-0225	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement	84.79	
			For 3/8" Thickness, Add	14.74	
			For 7/16" Thickness, Add	22.11	
33 01	30 72-0226	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement	77.21	
			For 3/8" Thickness, Add	14.74	
			For 7/16" Thickness, Add	22.11	
33 01	30 72-0227	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement	110.42	
			For 3/8" Thickness, Add	16.38	
			For 7/16" Thickness, Add	24.57	
33 01	30 72-0228	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement	101.48	
			For 3/8" Thickness, Add	16.38	
			For 7/16" Thickness, Add	24.57	
33 01	30 72-0229	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement	89.07	
			For 3/8" Thickness, Add	16.38	
			For 7/16" Thickness, Add	24.57	
33 01	30 72-0230	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement	81.72	
			For 3/8" Thickness, Add	16.38	
			For 7/16" Thickness, Add	24.57	

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

33 01 30 72-0231	LF		Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement	115.33	
			<i>For 3/8" Thickness, Add</i>	18.02	
			<i>For 7/16" Thickness, Add</i>	27.03	
33 01 30 72-0232	LF		>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement	106.19	
			<i>For 3/8" Thickness, Add</i>	18.02	
			<i>For 7/16" Thickness, Add</i>	27.03	
33 01 30 72-0233	LF		>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement	93.59	
			<i>For 3/8" Thickness, Add</i>	18.02	
			<i>For 7/16" Thickness, Add</i>	27.03	
33 01 30 72-0234	LF		>5,000', 66" Pipe, 1/4" Pipe Lining With Cement	86.78	
			<i>For 3/8" Thickness, Add</i>	18.02	
			<i>For 7/16" Thickness, Add</i>	27.03	
33 01 30 72-0235	LF		Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement	120.52	
			<i>For 3/8" Thickness, Add</i>	19.66	
			<i>For 7/16" Thickness, Add</i>	29.48	
33 01 30 72-0236	LF		>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement	111.24	
			<i>For 3/8" Thickness, Add</i>	19.66	
			<i>For 7/16" Thickness, Add</i>	29.48	
33 01 30 72-0237	LF		>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement	98.33	
			<i>For 3/8" Thickness, Add</i>	19.66	
			<i>For 7/16" Thickness, Add</i>	29.48	
33 01 30 72-0238	LF		>5,000', 72" Pipe, 1/4" Pipe Lining With Cement	91.91	
			<i>For 3/8" Thickness, Add</i>	19.66	
			<i>For 7/16" Thickness, Add</i>	29.48	

33 01 30 73 Rehabilitation Of Manholes And Sewer Structures (33 01 30)

33 01 30 73-0001 Restoration And Rehabilitation Of Manholes (33 01 30 73)

Note: Work is in confined spaces.

33 01 30 73-0002 Inspection And Ventilation System Set-up (33 01 30 73-0001)

33 01 30 73-0003	EA		Inspect Manhole	133.14	
33 01 30 73-0004	EA		36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	8,160.06	
			Note: For internal inspection and repair of water mains.		
33 01 30 73-0005	EA		>60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	11,491.89	
			Note: For internal inspection and repair of water mains		

33 01 30 73-0006 Manhole Seals (33 01 30 73-0001)

33 01 30 73-0007 Internal Manhole Chimney Seals (33 01 30 73-0006)

Note: Cretex.

33 01 30 73-0008	EA		20" Internal Manhole Chimney Seal	353.95	
33 01 30 73-0009	EA		22" Internal Manhole Chimney Seal	373.08	
33 01 30 73-0010	EA		24" Internal Manhole Chimney Seal	382.65	
33 01 30 73-0011	EA		26" Internal Manhole Chimney Seal	440.05	
33 01 30 73-0012	EA		28" Internal Manhole Chimney Seal	497.45	
33 01 30 73-0013	EA		30" Internal Manhole Chimney Seal	554.84	
33 01 30 73-0014	EA		36" Internal Manhole Chimney Seal	669.64	

33 01 30 73-0015 External Manhole Encapsulation (33 01 30 73-0006)

Note: Wrapidseal.

33 01 30 73-0016	EA		24" External Manhole Encapsulation	516.57	
33 01 30 73-0017	EA		30" External Manhole Encapsulation	545.28	
33 01 30 73-0018	EA		36" External Manhole Encapsulation	583.55	
33 01 30 73-0019	EA		42" External Manhole Encapsulation	631.38	
33 01 30 73-0020	EA		48" External Manhole Encapsulation	698.34	
33 01 30 73-0021	EA		54" External Manhole Encapsulation	774.87	
33 01 30 73-0022	EA		60" External Manhole Encapsulation	870.53	

33 01 30 73-0023 Manhole Restoration (33 01 30 73-0001)

Note: Includes power washing and cleaning of manhole interiors.

33 01 30 73-0024 Cementitious Manhole Restoration, Interior (33 01 30 73-0023)

33 01 30 73-0025	VLF		1/2" Cementitious Restoration On 3' Diameter Manhole Interior	107.26	
			<i>For Each Additional 1/2" Thick Material, Add</i>	29.49	
			<i>For 2 To 5 Manholes, Deduct</i>	-7.46	
			<i>For 6 To 10 Manholes, Deduct</i>	-12.23	
			<i>For >10 Manholes, Deduct</i>	-24.47	
33 01 30 73-0026	VLF		1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	124.40	
			<i>For Each Additional 1/2" Thick Material, Add</i>	34.34	
			<i>For 2 To 5 Manholes, Deduct</i>	-8.65	
			<i>For 6 To 10 Manholes, Deduct</i>	-14.18	
			<i>For >10 Manholes, Deduct</i>	-28.36	
33 01 30 73-0027	VLF		1/2" Cementitious Restoration On 4' Diameter Manhole Interior	141.55	
			<i>For Each Additional 1/2" Thick Material, Add</i>	39.18	
			<i>For 2 To 5 Manholes, Deduct</i>	-9.83	
			<i>For 6 To 10 Manholes, Deduct</i>	-16.13	
			<i>For >10 Manholes, Deduct</i>	-32.26	
33 01 30 73-0028	VLF		1/2" Cementitious Restoration On 5' Diameter Manhole Interior	167.20	
			<i>For Each Additional 1/2" Thick Material, Add</i>	48.15	
			<i>For 2 To 5 Manholes, Deduct</i>	-11.56	
			<i>For 6 To 10 Manholes, Deduct</i>	-18.94	
			<i>For >10 Manholes, Deduct</i>	-37.87	

33 Utilities**33 01 Operation And Maintenance Of Utilities****33 01 30 Operation And Maintenance Of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 73-0029	VLF	1/2" Cementitious Restoration On 6' Diameter Manhole Interior.....	183.66	
			For Each Additional 1/2" Thick Material, Add	55.90	
			For 2 To 5 Manholes, Deduct	-12.60	
			For 6 To 10 Manholes, Deduct	-20.61	
			For >10 Manholes, Deduct	-41.22	
33 01 30 73-0030	Polyurethane Manhole Restoration, Interior	<small>(33 01 30 73-0023)</small>			
33 01	30 73-0031	VLF	60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior	209.09	
			For 80 Mil Material, Add	18.42	
			For 100 Mil Material, Add	36.84	
			For 125 Mil Material, Add	56.14	
			For 150 Mil Material, Add	75.45	
			For 200 Mil Material, Add	104.13	
			For 2 To 5 Manholes, Deduct	-15.42	
			For 6 To 10 Manholes, Deduct	-25.61	
			For >10 Manholes, Deduct	-51.21	
33 01	30 73-0032	VLF	60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior	254.96	
			For 80 Mil Material, Add	22.32	
			For 100 Mil Material, Add	44.64	
			For 125 Mil Material, Add	67.98	
			For 150 Mil Material, Add	91.33	
			For 200 Mil Material, Add	125.90	
			For 2 To 5 Manholes, Deduct	-18.81	
			For 6 To 10 Manholes, Deduct	-31.25	
			For >10 Manholes, Deduct	-62.50	
33 01	30 73-0033	VLF	60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior	278.79	
			For 80 Mil Material, Add	24.56	
			For 100 Mil Material, Add	49.12	
			For 125 Mil Material, Add	74.86	
			For 150 Mil Material, Add	100.61	
			For 200 Mil Material, Add	138.85	
			For 2 To 5 Manholes, Deduct	-20.56	
			For 6 To 10 Manholes, Deduct	-34.14	
			For >10 Manholes, Deduct	-68.28	
33 01	30 73-0034	VLF	60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior	348.47	
			For 80 Mil Material, Add	30.70	
			For 100 Mil Material, Add	61.40	
			For 125 Mil Material, Add	93.57	
			For 150 Mil Material, Add	125.75	
			For 200 Mil Material, Add	173.55	
			For 2 To 5 Manholes, Deduct	-25.69	
			For 6 To 10 Manholes, Deduct	-42.68	
			For >10 Manholes, Deduct	-85.35	
33 01	30 73-0035	VLF	60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior	418.17	
			For 80 Mil Material, Add	36.84	
			For 100 Mil Material, Add	73.68	
			For 125 Mil Material, Add	112.29	
			For 150 Mil Material, Add	150.90	
			For 200 Mil Material, Add	208.27	
			For 2 To 5 Manholes, Deduct	-30.83	
			For 6 To 10 Manholes, Deduct	-51.21	
			For >10 Manholes, Deduct	-102.42	
33 01 30 73-0036	Epoxy Manhole Restoration, Interior	<small>(33 01 30 73-0023)</small>			
33 01	30 73-0037	VLF	60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	229.09	
			For 80 Mil Material, Add	25.09	
			For 100 Mil Material, Add	50.17	
			For 125 Mil Material, Add	77.81	
			For 150 Mil Material, Add	105.45	
			For 200 Mil Material, Add	150.80	
			For 2 To 5 Manholes, Deduct	-16.42	
			For 6 To 10 Manholes, Deduct	-27.11	
			For >10 Manholes, Deduct	-54.21	
33 01	30 73-0038	VLF	60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	278.32	
			For 80 Mil Material, Add	30.10	
			For 100 Mil Material, Add	60.21	
			For 125 Mil Material, Add	93.29	
			For 150 Mil Material, Add	126.37	
			For 200 Mil Material, Add	180.41	
			For 2 To 5 Manholes, Deduct	-19.98	
			For 6 To 10 Manholes, Deduct	-33.00	
			For >10 Manholes, Deduct	-66.01	
33 01	30 73-0039	VLF	60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	305.45	
			For 80 Mil Material, Add	33.45	
			For 100 Mil Material, Add	66.90	
			For 125 Mil Material, Add	103.75	
			For 150 Mil Material, Add	140.60	
			For 200 Mil Material, Add	201.06	
			For 2 To 5 Manholes, Deduct	-21.89	
			For 6 To 10 Manholes, Deduct	-36.14	
			For >10 Manholes, Deduct	-72.28	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 73-0040	VLF	60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	381.83	
		For 80 Mil Material, Add	41.82	
		For 100 Mil Material, Add	83.64	
		For 125 Mil Material, Add	129.71	
		For 150 Mil Material, Add	175.79	
		For 200 Mil Material, Add	251.39	
		For 2 To 5 Manholes, Deduct	-27.36	
		For 6 To 10 Manholes, Deduct	-45.18	
		For >10 Manholes, Deduct	-90.35	
33 01 30 73-0041	VLF	60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	458.19	
		For 80 Mil Material, Add	50.18	
		For 100 Mil Material, Add	100.36	
		For 125 Mil Material, Add	155.65	
		For 150 Mil Material, Add	210.93	
		For 200 Mil Material, Add	301.65	
		For 2 To 5 Manholes, Deduct	-32.83	
		For 6 To 10 Manholes, Deduct	-54.21	
		For >10 Manholes, Deduct	-108.42	
33 01 30 73-0042		Polyvinyl Chloride (PVC) Lining Manhole Restoration, Interior <small>(33 01 30 73-0023)</small>		
		Note: Wound strip liners.		
33 01 30 73-0043	VLF	3' Diameter CIP Multiplex Liner For Existing Manhole	315.55	
		For 2 To 5 Manholes, Deduct	-18.87	
		For 6 To 10 Manholes, Deduct	-29.85	
		For >10 Manholes, Deduct	-59.71	
33 01 30 73-0044	VLF	3-1/2' Diameter CIP Multiplex Liner For Existing Manhole	386.35	
		For 2 To 5 Manholes, Deduct	-23.10	
		For 6 To 10 Manholes, Deduct	-36.54	
		For >10 Manholes, Deduct	-73.08	
33 01 30 73-0045	VLF	4' Diameter CIP Multiplex Liner For Existing Manhole	451.90	
		For 2 To 5 Manholes, Deduct	-26.72	
		For 6 To 10 Manholes, Deduct	-42.14	
		For >10 Manholes, Deduct	-84.28	
33 01 30 73-0046	VLF	5' Diameter CIP Multiplex Liner For Existing Manhole	566.55	
		For 2 To 5 Manholes, Deduct	-33.48	
		For 6 To 10 Manholes, Deduct	-52.80	
		For >10 Manholes, Deduct	-105.61	
33 01 30 73-0047	VLF	6' Diameter CIP Multiplex Liner For Existing Manhole	681.18	
		For 2 To 5 Manholes, Deduct	-40.25	
		For 6 To 10 Manholes, Deduct	-63.46	
		For >10 Manholes, Deduct	-126.92	
33 01 30 73-0048		Manhole Crack Repair <small>(33 01 30 73-0001)</small>		
		Note: Includes removing loose materials and cleaning.		
33 01 30 73-0049	LF	Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair	40.54	
33 01 30 73-0050	LF	>1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	54.51	
33 01 30 73-0051	LF	Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	38.97	
33 01 30 73-0052	LF	>1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	52.64	
33 01 30 73-0053		Manhole Patching <small>(33 01 30 73-0001)</small>		
		Note: Includes removing loose materials and cleaning.		
33 01 30 73-0054	SF	Up To 1/4" Thick, Cementitious Grout, Manhole Patching	10.53	
33 01 30 73-0055	SF	Up To 1/4" Thick, Epoxy Grout, Manhole Patching	26.38	
33 01 30 73-0056		Manhole Joint Restoration <small>(33 01 30 73-0001)</small>		
		Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 73-0057	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,331.52	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	180.86	
33 01 30 73-0058	EA	3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,554.29	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	198.50	
33 01 30 73-0059	EA	4' Diameter Joint Restoration, Grout Fill Per Each Manhole	1,775.36	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	216.14	
33 01 30 73-0060	EA	5' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,087.73	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	224.97	
33 01 30 73-0061	EA	6' Diameter Joint Restoration, Grout Fill Per Each Manhole	2,399.24	
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
		For Grouting Each Additional Manhole Joint Section, Add	233.79	
33 01 30 73-0062		Step Installation In Existing Manholes <small>(33 01 30 73-0001)</small>		
		Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 73-0063	EA	Drill And Grout 8" x 9" Cast Iron Manhole Step	90.22	17.86
33 01 30 73-0064	EA	Drill And Grout Galvanized Steel Manhole Step	77.48	17.86
33 01 30 73-0065	EA	Bolt On Galvanized Steel Manhole Step	87.58	17.86
33 01 30 73-0066	EA	Drill And Grout Aluminum Manhole Step	75.00	17.86
33 01 30 73-0067	EA	Drill And Insert Polypropylene Manhole Step	48.29	14.29
33 01 30 73-0068		Invert Restoration <small>(33 01 30 73-0001)</small>		
		Note: Includes removal of existing defective material and installation of new material.		

33 Utilities

33 01 Operation And Maintenance Of Utilities

33 01 30 Operation And Maintenance Of Sewer Utilities

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 73-0069 Concrete Invert Restoration (33 01 30 73-0068)		
33 01 30 73-0070	EA 2' Diameter, Concrete Invert Restoration	276.83
33 01 30 73-0071	EA 3' Diameter, Concrete Invert Restoration	310.12
33 01 30 73-0072	EA 4' Diameter, Concrete Invert Restoration	343.39
33 01 30 73-0073	EA 5' Diameter, Concrete Invert Restoration	376.68
33 01 30 73-0074	EA 6' Diameter, Concrete Invert Restoration	476.54
33 01 30 73-0075	SF Square Or Rectangular, Concrete Invert Restoration	27.31
33 01 30 73-0076 Brick Invert Restoration (33 01 30 73-0068)		
33 01 30 73-0077	EA 2' Diameter, Brick Invert Restoration	409.43
33 01 30 73-0078	EA 3' Diameter, Brick Invert Restoration	442.71
33 01 30 73-0079	EA 4' Diameter, Brick Invert Restoration	476.00
33 01 30 73-0080	EA 5' Diameter, Brick Invert Restoration	509.28
33 01 30 73-0081	EA 6' Diameter, Brick Invert Restoration	542.57
33 01 30 73-0082	SF Square Or Rectangular, Brick Invert Restoration	37.92

33 05 Common Work Results For Utilities (33)

33 05 13 Manholes And Structures (33 05)

33 05 13 13 Manhole Grade Adjustment (33 05 13)

33 05 13 13-0001 Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers (33 05 13 13)		
33 05 13 13-0002 Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers (33 05 13 13-0001)		
33 05 13 13-0003	EA Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	326.47
33 05 13 13-0004	EA >2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	369.51
33 05 13 13-0005	EA >3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	408.26
33 05 13 13-0006	EA >4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	452.33
33 05 13 13-0007	EA >5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	487.48

33 05 13 13-0008 Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser (33 05 13 13-0001)

33 05 13 13-0009	EA Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	390.31
33 05 13 13-0010	EA >2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	426.39
33 05 13 13-0011	EA >3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	472.27
33 05 13 13-0012	EA >4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	516.33
33 05 13 13-0013	EA >5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser	558.56

33 05 13 13-0014 >6" To 12" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers (33 05 13 13-0001)

33 05 13 13-0015	EA >6" To 6-1/2" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	543.14
33 05 13 13-0016	EA 7" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	591.99
33 05 13 13-0017	EA 7-1/2" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	641.49
33 05 13 13-0018	EA 8" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	679.94
33 05 13 13-0019	EA 9" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	740.40
33 05 13 13-0020	EA 10" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	794.70
33 05 13 13-0021	EA 11" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	847.52
33 05 13 13-0022	EA 12" Rise, Up To 36" Diameter, Solid, Cast Iron, Manhole Cover Riser	901.28

33 05 13 13-0023 >12" Rise, Solid Manhole Risers (33 05 13 13)

33 05 13 13-0024 Precast Concrete Manhole Riser (33 05 13 13-0023)

33 05 13 13-0025	VLF Up To 26" Diameter Precast Concrete Manhole Riser	90.93
33 05 13 13-0026	VLF >26" To 36" Diameter Precast Concrete Manhole Riser	108.42
33 05 13 13-0027	VLF >36" To 48" Diameter Precast Concrete Manhole Riser	123.83
33 05 13 13-0028	VLF >48" To 60" Diameter Precast Concrete Manhole Riser	249.91
33 05 13 13-0029	VLF >60" To 72" Diameter Precast Concrete Manhole Riser	366.52

33 05 16 Utility Structures (33 05)

33 05 16 13 Precast Concrete Directional Structures (33 05 16)

33 05 16 13-0001 Underground Utility Vaults And Structures (33 05 16 13)

See CSI section 33 39 13 00-0001 for manholes, 33 39 13 00-0129 for frames and covers.

33 05 16 13-0002 Precast Concrete Underground Utility Vault (33 05 16 13-0001)

Note: Sizes given are for inside dimensions.

33 05 16 13-0003 6' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)

33 05 16 13-0004	EA 4' x 4' x 6' Precast Concrete Underground Utility Vault	2,897.06
Note: 6" thick walls and 8" thick top.		
33 05 16 13-0005	EA 4' x 6' x 6' Precast Concrete Underground Utility Vault	3,776.31
Note: 6" thick walls and 8" thick top.		
33 05 16 13-0006	EA 5' x 10' x 6' Precast Concrete Underground Utility Vault	6,229.92
Note: 6" thick walls and 8" thick top.		
33 05 16 13-0007	EA 5' x 12' x 6' Precast Concrete Underground Utility Vault	7,193.56
Note: 6" thick walls and 8" thick top.		

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

33 05 16 13-0008	EA		6' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,825.88	
33 05 16 13-0009	EA		6' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,874.65	
33 05 16 13-0010	EA		6' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,924.24	
33 05 16 13-0011	EA		6' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	10,004.14	
33 05 16 13-0012	EA		6' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	10,004.14	
33 05 16 13-0013	EA		6' x 16' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,596.83	
33 05 16 13-0014	EA		8' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,094.58	
33 05 16 13-0015	EA		8' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,313.71	
33 05 16 13-0016	EA		8' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	11,883.70	
33 05 16 13-0017	EA		8' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,374.98	

33 05 16 13-0018 7' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)

33 05 16 13-0019	EA		4' x 4' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,189.27	
33 05 16 13-0020	EA		4' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,141.19	
33 05 16 13-0021	EA		4' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,093.08	
33 05 16 13-0022	EA		5' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,776.86	
33 05 16 13-0023	EA		5' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,813.92	
33 05 16 13-0024	EA		6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,263.42	
33 05 16 13-0025	EA		6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,385.68	
33 05 16 13-0026	EA		6' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,507.89	
33 05 16 13-0027	EA		6' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	10,879.21	
33 05 16 13-0028	EA		6' x 16' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,666.44	
33 05 16 13-0029	EA		8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,678.21	
33 05 16 13-0030	EA		8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,970.02	
33 05 16 13-0031	EA		8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,856.49	
33 05 16 13-0032	EA		8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,443.81	
33 05 16 13-0033	EA		10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,050.49	

33 05 16 13-0034 8' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)

33 05 16 13-0035	EA		4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,480.70	
33 05 16 13-0036	EA		4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,506.06	
33 05 16 13-0037	EA		5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,323.78	
33 05 16 13-0038	EA		5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,433.50	
33 05 16 13-0039	EA		6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,700.96	
33 05 16 13-0040	EA		6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,895.86	
33 05 16 13-0041	EA		6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,090.78	
33 05 16 13-0042	EA		6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	11,754.26	
33 05 16 13-0043	EA		6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,736.10	
33 05 16 13-0044	EA		8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,261.08	
33 05 16 13-0045	EA		8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,626.30	
33 05 16 13-0046	EA		8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,828.43	
33 05 16 13-0047	EA		8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,513.47	
33 05 16 13-0048	EA		10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,023.00	

33 05 16 13-0049 10' High Precast Concrete Underground Utility Vault (33 05 16 13-0002)

33 Utilities**33 05 Common Work Results For Utilities****33 05 16 Utility Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0050	EA		6' x 6' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,138.51	
33 05 16 13-0051	EA		6' x 8' x 10' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,406.04	
33 05 16 13-0052	EA		10' x 10' x 10' Precast Concrete Underground Utility Vault Note: 8" thick walls and top.	14,994.90	
33 05 16 13-0053			12' High Precast Concrete Underground Utility Vault <small>(33 05 16 13-0002)</small>		
33 05 16 13-0054	EA		6' x 6' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	6,576.04	
33 05 16 13-0055	EA		6' x 8' x 12' Precast Concrete Underground Utility Vault Note: 6" thick walls and 8" thick top.	7,917.06	
33 05 16 13-0056			Meter Pit <small>(33 05 16 13-0001)</small>		
33 05 16 13-0057			Precast Concrete Meter Pit <small>(33 05 16 13-0056)</small>		
33 05 16 13-0058	EA		4' x 4' x 4' Deep Precast Concrete Meter Pit.....	2,008.58	
33 05 16 13-0059	EA		4' x 4' x 6' Deep Precast Concrete Meter Pit.....	2,693.74	
33 05 16 13-0060	EA		4' x 4' x 8' Deep Precast Concrete Meter Pit.....	3,339.02	
33 05 16 13-0061	EA		4' x 4' x 10' Deep Precast Concrete Meter Pit.....	4,112.10	
33 05 16 13-0062	EA		4' x 4' x 15' Deep Precast Concrete Meter Pit.....	5,597.94	
33 05 16 13-0063	EA		6' x 6' x 4' Deep Precast Concrete Meter Pit.....	3,017.99	
33 05 16 13-0064	EA		6' x 6' x 6' Deep Precast Concrete Meter Pit.....	4,112.10	
33 05 16 13-0065	EA		6' x 6' x 8' Deep Precast Concrete Meter Pit.....	5,256.72	
33 05 16 13-0066	EA		6' x 6' x 10' Deep Precast Concrete Meter Pit.....	6,559.59	
33 05 16 13-0067	EA		6' x 6' x 15' Deep Precast Concrete Meter Pit.....	9,149.02	
33 05 16 13-0068			Handhole Or Pull Box Enclosures <small>(33 05 16 13-0001)</small>		
33 05 16 13-0069			Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0068)</small>		
33 05 16 13-0070			Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0069)</small>		
33 05 16 13-0071			Flared Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0070)</small>		
33 05 16 13-0072			Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0071)</small>		
33 05 16 13-0073	EA		12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	193.00	18.93
33 05 16 13-0074	EA		10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	178.93	42.05
33 05 16 13-0075	EA		13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	272.65	63.08
33 05 16 13-0076	EA		17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	312.03	63.08
33 05 16 13-0077	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	299.02	63.08
33 05 16 13-0078	EA		13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	355.81	63.08
33 05 16 13-0079	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	347.24	63.08
33 05 16 13-0080	EA		17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	462.24	63.08
33 05 16 13-0081	EA		27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	653.90	84.10
33 05 16 13-0082	EA		27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	901.38	84.10
33 05 16 13-0083	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	612.43	115.63
33 05 16 13-0084	EA		24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	689.93	115.63
33 05 16 13-0085	EA		24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,093.11	115.63
33 05 16 13-0086	EA		39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	655.27	126.14
33 05 16 13-0087	EA		39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	909.14	126.14
33 05 16 13-0088	EA		39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,116.74	126.14
33 05 16 13-0089	EA		39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,607.76	126.14
33 05 16 13-0090	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	925.79	178.16
33 05 16 13-0091	EA		30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,307.88	178.16
33 05 16 13-0092			Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0071)</small>		
33 05 16 13-0093	EA		12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	244.44	18.93
33 05 16 13-0094	EA		13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	333.92	63.08
33 05 16 13-0095	EA		17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	397.31	63.08

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	368.93	63.08
33 05 16 13-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	417.47	63.08
33 05 16 13-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	430.20	63.08
33 05 16 13-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	545.91	63.08
33 05 16 13-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	742.71	115.63
33 05 16 13-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	820.21	115.63
33 05 16 13-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,223.40	115.63
33 05 16 13-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,078.04	178.16
33 05 16 13-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,463.03	178.16
33 05 16 13-0105		Straight Sides, Polymer Concrete Handhole Enclosures (33 05 16 13-0070)		
33 05 16 13-0106		Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 16 13-0105)		
33 05 16 13-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.64	18.93
33 05 16 13-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	264.08	18.93
33 05 16 13-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.29	63.08
33 05 16 13-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	265.77	63.08
33 05 16 13-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	80.16	18.93
33 05 16 13-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	119.10	18.93
33 05 16 13-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	186.68	18.93
33 05 16 13-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	194.86	18.93
33 05 16 13-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	176.08	42.05
33 05 16 13-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	188.62	42.05
33 05 16 13-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	117.43	18.93
33 05 16 13-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	132.75	18.93
33 05 16 13-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	187.32	42.05
33 05 16 13-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	208.41	42.05
33 05 16 13-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	194.76	42.05
33 05 16 13-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	239.57	63.08
33 05 16 13-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	260.26	63.08
33 05 16 13-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	275.64	63.08
33 05 16 13-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	298.81	63.08
33 05 16 13-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	345.01	63.08
33 05 16 13-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	373.04	63.08
33 05 16 13-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	403.71	63.08
33 05 16 13-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	423.00	63.08
33 05 16 13-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	508.52	84.10
33 05 16 13-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	528.47	115.63
33 05 16 13-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	662.79	115.63
33 05 16 13-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	786.81	115.63
33 05 16 13-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	865.14	115.63
33 05 16 13-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	943.05	115.63
33 05 16 13-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,074.85	178.16
33 05 16 13-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	800.28	178.16
33 05 16 13-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	899.76	178.16
33 05 16 13-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,089.98	178.16
33 05 16 13-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,088.03	178.16
33 05 16 13-0141	EA	30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,159.03	178.16

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 16 13-0142	EA	30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,295.59	178.16
33 05 16 13-0143	EA	36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,201.57	190.88
33 05 16 13-0144	EA	36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,297.99	190.88
33 05 16 13-0145	EA	36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,421.08	190.88
33 05 16 13-0146	EA	36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,470.33	190.88
33 05 16 13-0147	EA	48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,487.45	190.88
33 05 16 13-0148	EA	48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,675.01	190.88
33 05 16 13-0149	EA	36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,310.76	190.88
33 05 16 13-0150	EA	36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,705.96	190.88
33 05 16 13-0151	EA	48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,916.08	203.61
33 05 16 13-0152	EA	48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,346.07	203.61
33 05 16 13-0153	EA	48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,986.88	203.61

33 05 16 13-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures

(33 05 16 13-0105)

33 05 16 13-0155	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	309.62	63.08
33 05 16 13-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	350.38	63.08
33 05 16 13-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	129.01	18.93
33 05 16 13-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	182.23	18.93
33 05 16 13-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	241.05	18.93
33 05 16 13-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	249.24	18.93
33 05 16 13-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	229.63	42.05
33 05 16 13-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	238.37	42.05
33 05 16 13-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	250.04	42.05
33 05 16 13-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	170.69	18.93
33 05 16 13-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	199.98	18.93
33 05 16 13-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	249.75	42.05
33 05 16 13-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	270.84	42.05
33 05 16 13-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	257.86	42.05
33 05 16 13-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	309.23	63.08
33 05 16 13-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	330.17	63.08
33 05 16 13-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	358.76	63.08
33 05 16 13-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	381.79	63.08
33 05 16 13-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	427.85	63.08
33 05 16 13-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	456.00	63.08
33 05 16 13-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	486.54	63.08
33 05 16 13-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	505.96	63.08
33 05 16 13-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	623.13	84.10
33 05 16 13-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	658.76	115.63
33 05 16 13-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	792.92	115.63
33 05 16 13-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	916.81	115.63
33 05 16 13-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	995.02	115.63
33 05 16 13-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,073.18	115.63
33 05 16 13-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	951.09	178.16
33 05 16 13-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,050.71	178.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0185 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,240.79	178.16
33 05 16 13-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0105)</small>		
33 05 16 13-0187 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	286.85	63.08
33 05 16 13-0188 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	328.73	63.08
33 05 16 13-0189 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	97.87	18.93
33 05 16 13-0190 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	154.89	18.93
33 05 16 13-0191 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	218.30	18.93
33 05 16 13-0192 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	226.63	18.93
33 05 16 13-0193 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	214.66	42.05
33 05 16 13-0194 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	238.93	42.05
33 05 16 13-0195 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	136.73	18.93
33 05 16 13-0196 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	226.58	42.05
33 05 16 13-0197 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	256.83	42.05
33 05 16 13-0198 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	234.44	42.05
33 05 16 13-0199 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	306.02	63.08
33 05 16 13-0200 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	347.36	63.08
33 05 16 13-0201 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	361.11	63.08
33 05 16 13-0202 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	393.85	63.08
33 05 16 13-0203 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	423.97	63.08
33 05 16 13-0204 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	452.40	63.08
33 05 16 13-0205 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	503.31	63.08
33 05 16 13-0206 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	510.41	63.08
33 05 16 13-0207 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	632.01	84.10
33 05 16 13-0208 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	670.28	115.63
33 05 16 13-0209 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	818.44	115.63
33 05 16 13-0210 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	964.97	115.63
33 05 16 13-0211 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,062.30	115.63
33 05 16 13-0212 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,159.63	115.63
33 05 16 13-0213 EA 36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,256.19	178.16
33 05 16 13-0214 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	981.62	178.16
33 05 16 13-0215 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,088.86	178.16
33 05 16 13-0216 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,278.95	178.16
33 05 16 13-0217 EA 30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,362.80	178.16
33 05 16 13-0218 EA 30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,389.06	178.16
33 05 16 13-0219 EA 30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,643.77	178.16
33 05 16 13-0220 EA 36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,534.89	190.88
33 05 16 13-0221 EA 36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,584.71	190.88
33 05 16 13-0222 EA 36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,726.03	190.88
33 05 16 13-0223 EA 36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,832.99	190.88
33 05 16 13-0224 EA 36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,690.02	190.88
33 05 16 13-0225 EA 36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,072.54	190.88
33 05 16 13-0226 EA 48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,809.11	190.88
33 05 16 13-0227 EA 48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	1,980.75	190.88
33 05 16 13-0228 EA 48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,388.17	203.61
33 05 16 13-0229 EA 48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	2,818.33	203.61
33 05 16 13-0230 EA 48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	3,772.93	203.61

33 Utilities**33 05 Common Work Results For Utilities****33 05 16 Utility Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 16 13-0231			Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0105)</small>	
33 05 16 13-0232	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	358.16	63.08
33 05 16 13-0233	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	413.50	63.08
33 05 16 13-0234	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	146.33	18.93
33 05 16 13-0235	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	217.89	18.93
33 05 16 13-0236	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	272.55	18.93
33 05 16 13-0237	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	281.00	18.93
33 05 16 13-0238	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	277.09	42.05
33 05 16 13-0239	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	301.22	42.05
33 05 16 13-0240	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	205.97	18.93
33 05 16 13-0241	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	288.74	42.05
33 05 16 13-0242	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	318.98	42.05
33 05 16 13-0243	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	279.72	42.05
33 05 16 13-0244	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	375.96	63.08
33 05 16 13-0245	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	417.30	63.08
33 05 16 13-0246	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	444.08	63.08
33 05 16 13-0247	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	476.82	63.08
33 05 16 13-0248	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	506.93	63.08
33 05 16 13-0249	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	535.38	63.08
33 05 16 13-0250	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	586.30	63.08
33 05 16 13-0251	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	593.37	63.08
33 05 16 13-0252	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	746.46	84.10
33 05 16 13-0253	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	800.56	115.63
33 05 16 13-0254	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	948.59	115.63
33 05 16 13-0255	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,094.96	115.63
33 05 16 13-0256	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,192.36	115.63
33 05 16 13-0257	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,289.76	115.63
33 05 16 13-0258	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,132.57	178.16
33 05 16 13-0259	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,239.96	178.16
33 05 16 13-0260	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,429.91	178.16
33 05 16 13-0261			Footed, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 16 13-0105)</small>	
33 05 16 13-0262	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	304.23	63.08
33 05 16 13-0263	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	205.21	42.05
33 05 16 13-0264	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	228.53	42.05
33 05 16 13-0265	EA	13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	273.97	63.08
33 05 16 13-0266	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	212.85	42.05
33 05 16 13-0267	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	235.18	42.05
33 05 16 13-0268			Polymer Concrete Handhole Enclosure Extensions <small>(33 05 16 13-0069)</small>	
33 05 16 13-0269	EA	13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	230.56	63.08
33 05 16 13-0270	EA	17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	254.86	63.08
33 05 16 13-0271	EA	24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	298.20	84.10
33 05 16 13-0272	EA	24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	322.06	84.10
33 05 16 13-0273	EA	24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	389.34	115.63
33 05 16 13-0274	EA	36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension	658.75	178.16

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

33 05 16 13-0275	EA		30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	632.67	178.16
33 05 16 13-0276	EA		30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	638.36	178.16
33 05 16 13-0277	EA		36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	841.19	190.88
33 05 16 13-0278	EA		48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,295.12	203.61
33 05 16 13-0279	EA		48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,674.02	203.61
33 05 16 13-0280	EA		13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	358.06	63.08
33 05 16 13-0281	EA		17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	372.91	63.08
33 05 16 13-0282	EA		24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	406.97	84.10
33 05 16 13-0283	EA		24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	431.08	84.10
33 05 16 13-0284	EA		24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	508.63	115.63
33 05 16 13-0285	EA		30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	801.25	178.16
33 05 16 13-0286	EA		13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	285.49	63.08
33 05 16 13-0287	EA		17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	314.77	63.08
33 05 16 13-0288	EA		24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	431.35	115.63
33 05 16 13-0289	EA		36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	813.26	190.88

33 05 16 13-0290 Polymer Concrete Handhole Enclosure Covers (33 05 16 13-0069)

33 05 16 13-0291 Polymer Concrete Handhole Enclosure Covers (33 05 16 13-0290)

33 05 16 13-0292	EA		5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	75.31	8.42
33 05 16 13-0293	EA		10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	76.25	8.42
33 05 16 13-0294	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	70.90	8.42
33 05 16 13-0295	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	76.43	8.42
33 05 16 13-0296	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	77.15	8.41
33 05 16 13-0297	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	88.04	8.41
33 05 16 13-0298	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	101.52	8.41
33 05 16 13-0299	EA		30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	651.62	22.91
33 05 16 13-0300	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	571.25	22.91
33 05 16 13-0301	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	851.18	22.91
33 05 16 13-0302	EA		48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	860.72	22.91
33 05 16 13-0303	EA		36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	973.98	22.91
33 05 16 13-0304	EA		48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,060.50	22.91
33 05 16 13-0305	EA		48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,699.26	22.91
33 05 16 13-0306	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	64.96	8.41
33 05 16 13-0307	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	91.71	8.41
33 05 16 13-0308	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	92.95	8.41
33 05 16 13-0309	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	116.13	8.41
33 05 16 13-0310	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	88.39	8.41
33 05 16 13-0311	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	136.80	8.41
33 05 16 13-0312	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	108.09	8.41
33 05 16 13-0313	EA		27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	218.50	8.41
33 05 16 13-0314	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	193.42	12.61
33 05 16 13-0315	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	241.21	12.61
33 05 16 13-0316	EA		39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	310.31	14.72
33 05 16 13-0317	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	433.02	17.81
33 05 16 13-0318	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	450.58	33.94
33 05 16 13-0319	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	117.52	8.41
33 05 16 13-0320	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	166.22	8.41
33 05 16 13-0321	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	188.70	8.41
33 05 16 13-0322	EA		27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	311.68	8.41
33 05 16 13-0323	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	259.12	12.61
33 05 16 13-0324	EA		39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	435.44	14.72
33 05 16 13-0325	EA		36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	568.56	17.81
33 05 16 13-0326	EA		30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	766.84	22.91
33 05 16 13-0327	EA		30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	682.63	22.91
33 05 16 13-0328	EA		36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	950.40	22.91
33 05 16 13-0329	EA		48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,235.17	22.91
33 05 16 13-0330	EA		36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,183.22	22.91
33 05 16 13-0331	EA		48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,792.00	22.91
33 05 16 13-0332	EA		48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,763.66	22.91
33 05 16 13-0333	EA		11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	153.60	8.41
33 05 16 13-0334	EA		11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	167.67	8.41
33 05 16 13-0335	EA		13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	219.78	8.41
33 05 16 13-0336	EA		17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	250.02	8.41
33 05 16 13-0337	EA		27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	429.85	8.41
33 05 16 13-0338	EA		24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	314.80	12.61
33 05 16 13-0339	EA		24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	428.66	12.61
33 05 16 13-0340	EA		39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	662.80	14.72
33 05 16 13-0341	EA		36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	757.25	17.81
33 05 16 13-0342	EA		30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	788.42	33.94
33 05 16 13-0343	EA		30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	911.81	22.91

33 Utilities
33 05 Common Work Results For Utilities
33 05 16 Utility Structures



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

33 05 16 13-0344	EA		36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,269.81	22.91
33 05 16 13-0345	EA		48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,773.37	22.91
33 05 16 13-0346	EA		36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,583.33	22.91
33 05 16 13-0347	EA		48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,618.71	22.91
33 05 16 13-0348	EA		48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,037.71	22.91

33 05 16 13-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets (33 05 16 13-0290)

33 05 16 13-0350	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	86.02	8.42
33 05 16 13-0351	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	90.73	8.42
33 05 16 13-0352	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	92.27	8.41
33 05 16 13-0353	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	92.85	8.41
33 05 16 13-0354	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	106.66	8.41
33 05 16 13-0355	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	69.30	8.41
33 05 16 13-0356	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	96.16	8.41
33 05 16 13-0357	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	97.02	8.41
33 05 16 13-0358	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	120.72	8.41
33 05 16 13-0359	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	93.38	8.41
33 05 16 13-0360	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	113.36	8.41
33 05 16 13-0361	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	141.66	8.41
33 05 16 13-0362	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	196.68	12.61
33 05 16 13-0363	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	246.22	12.61
33 05 16 13-0364	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	455.72	33.94
33 05 16 13-0365	EA		6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	58.26	8.42
33 05 16 13-0366	EA		8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	89.26	8.42
33 05 16 13-0367	EA		8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	98.93	8.42
33 05 16 13-0368	EA		12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	94.63	8.42
33 05 16 13-0369	EA		10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	78.54	8.41
33 05 16 13-0370	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	121.96	8.41
33 05 16 13-0371	EA		11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	131.99	8.41
33 05 16 13-0372	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	170.94	8.41
33 05 16 13-0373	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	193.83	8.41
33 05 16 13-0374	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	263.71	12.61
33 05 16 13-0375	EA		24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	328.06	12.61
33 05 16 13-0376	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	597.93	33.94

33 05 16 13-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts (33 05 16 13-0290)

33 05 16 13-0378	EA		6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	47.59	8.42
33 05 16 13-0379	EA		7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	55.93	8.42
33 05 16 13-0380	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	67.16	8.42
33 05 16 13-0381	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	72.15	8.42
33 05 16 13-0382	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	72.02	8.41
33 05 16 13-0383	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	84.81	8.41
33 05 16 13-0384	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	97.38	8.41
33 05 16 13-0385	EA		24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	233.02	12.61
33 05 16 13-0386	EA		30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	431.87	33.94
33 05 16 13-0387	EA		30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	644.59	22.91
33 05 16 13-0388	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	563.32	22.91
33 05 16 13-0389	EA		48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	838.13	22.91
33 05 16 13-0390	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	809.07	22.91
33 05 16 13-0391	EA		36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	966.41	22.91
33 05 16 13-0392	EA		48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,032.51	22.91
33 05 16 13-0393	EA		48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,645.47	22.91
33 05 16 13-0394	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	62.58	8.41
33 05 16 13-0395	EA		10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	61.20	8.41
33 05 16 13-0396	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	88.71	8.41
33 05 16 13-0397	EA		11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	97.13	8.41
33 05 16 13-0398	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	109.48	8.41
33 05 16 13-0399	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	84.08	8.41
33 05 16 13-0400	EA		18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	93.38	8.41
33 05 16 13-0401	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	130.97	8.41
33 05 16 13-0402	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	189.65	12.61
33 05 16 13-0403	EA		20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	235.62	12.61
33 05 16 13-0404	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	232.89	12.61
33 05 16 13-0405	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	415.95	17.81
33 05 16 13-0406	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	431.87	20.36

33 05 16 13-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers (33 05 16 13-0290)

33 05 16 13-0408	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	670.78	22.91
33 05 16 13-0409	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	967.38	22.91
33 05 16 13-0410	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	563.23	33.94
33 05 16 13-0411	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	744.30	33.94
33 05 16 13-0412	EA		30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	795.32	22.91
33 05 16 13-0413	EA		36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,080.78	22.91

33 05 16 13-0414 Split, Polymer Concrete Handhole Enclosure Covers (33 05 16 13-0290)

33 05 16 13-0415	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	263.79	12.61
33 05 16 13-0416	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	486.44	17.81
33 05 16 13-0417	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	509.28	33.94

						TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 13-0418	EA	6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	45.27				8.42
33 05 16 13-0419	EA	8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	72.60				8.42
33 05 16 13-0420	EA	12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	79.51				8.42
33 05 16 13-0421	EA	8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	84.08				8.42
33 05 16 13-0422	EA	10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	74.23				8.41
33 05 16 13-0423	EA	11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	127.92				8.41
33 05 16 13-0424	EA	24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	351.58				12.61
33 05 16 13-0425	EA	36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	644.75				17.81
33 05 16 13-0426	EA	30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	676.33				33.94

33 05 16 13-0427 Precast Concrete Handholes With Steel Cover (33 05 16 13-0068)

Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).							
33 05 16 13-0428	EA	12" x 12" x 12" Precast Concrete Handholes With Steel Cover	625.39				171.93
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			18.00				
33 05 16 13-0429	EA	12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,052.77				257.90
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			85.91				
33 05 16 13-0430	EA	18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,274.68				343.86
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			145.21				
33 05 16 13-0431	EA	24" x 24" x 24" Precast Concrete Handholes With Steel Cover	1,324.77				343.86
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			180.48				
33 05 16 13-0432	EA	24" x 24" x 30" Precast Concrete Handholes With Steel Cover	1,556.21				429.83
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			214.73				
33 05 16 13-0433	EA	30" x 36" x 30" Precast Concrete Handholes With Steel Cover	1,639.48				429.83
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			243.09				
33 05 16 13-0434	EA	36" x 36" x 48" Precast Concrete Handholes With Steel Cover	1,893.19				515.80
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			281.70				
33 05 16 13-0435	EA	48" x 48" x 48" Precast Concrete Handholes With Steel Cover	2,173.32				601.76
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			413.72				
33 05 16 13-0436	EA	48" x 72" x 36" Precast Concrete Handholes With Steel Cover	2,140.19				515.80
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			471.02				
33 05 16 13-0437	EA	54" x 38" x 24" Precast Concrete Handholes With Steel Cover	2,161.44				515.80
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			300.82				
33 05 16 13-0438	EA	6" Diameter Precast Concrete Handholes With Steel Cover	489.38				171.93
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			15.00				
33 05 16 13-0439	EA	9" Diameter Precast Concrete Handholes With Steel Cover	577.12				193.42
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			15.00				
33 05 16 13-0440	EA	12" Diameter Precast Concrete Handholes With Steel Cover	709.57				214.92
Note: 8000 To 12000 pound traffic rated top.							
For 15,000 to 22,500 Pound Traffic Rated Top, Add							
			15.00				

33 05 23 Trenchless Utility Installation (33 05)

33 05 23 13 Utility Horizontal Directional Drilling (33 05 23)

33 05 23 13-0001 Horizontal Augering (33 05 23 13)

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal.							
33 05 23 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	20.72				
33 05 23 13-0003	LF	3" Diameter Horizontal Hand Augering	25.01				
33 05 23 13-0004	LF	4" Diameter Horizontal Hand Augering	34.29				
33 05 23 13-0005	LF	6" Diameter Horizontal Hand Augering	44.30				
33 05 23 13-0006	LF	8" Diameter Horizontal Augering	71.85				
33 05 23 13-0007	LF	10" Diameter Horizontal Augering	104.81				
33 05 23 13-0008	LF	12" Diameter Horizontal Augering	125.95				
33 05 23 13-0009	LF	16" Diameter Horizontal Augering	150.46				
33 05 23 13-0010	LF	20" Diameter Horizontal Augering	260.35				
33 05 23 13-0011	LF	24" Diameter Horizontal Augering	319.83				
33 05 23 13-0012	LF	30" Diameter Horizontal Augering	394.48				
33 05 23 13-0013	LF	36" Diameter Horizontal Augering	450.71				
33 05 23 13-0014	LF	42" Diameter Horizontal Augering	561.39				
33 05 23 13-0015	LF	48" Diameter Horizontal Augering	604.92				
33 05 23 13-0016	LF	54" Diameter Horizontal Augering	657.87				
33 05 23 13-0017	LF	60" Diameter Horizontal Augering	689.70				
33 05 23 13-0018	EA	8" To 36" Horizontal Augering Minimum Set-up Charge	1,474.69				
Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.							
33 05 23 13-0019	EA	>36" Horizontal Augering Minimum Set-up Charge	2,547.12				
Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.							

33 05 23 13-0020 Horizontal Directional Boring (33 05 23 13)

Note: Excludes receiving pits or dewatering or cost of casing pipe.							
33 05 23 13-0021	LF	Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	9.98				
33 05 23 13-0022	LF	2" Diameter Directional Boring For Horizontal Pipe, Underground	14.98				

33 Utilities

33 05 Common Work Results For Utilities

33 05 23 Trenchless Utility Installation



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with columns for CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 33 05 23 13-0023 through 33 05 23 13-0035, detailing directional boring for various pipe diameters (2-1/2" to 36") and a boring minimum charge.

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

33 05 23 13-0036 Casing Pipe (33 05 23 13)

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

33 05 23 13-0037 Steel Pipe (33 05 23 13-0036)

Table with columns for CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 33 05 23 13-0038 through 33 05 23 13-0044, detailing steel pipe pull in place by boring machine for diameters from 1-1/2" to 6".

33 05 23 13-0045 Polyethylene Pipe (33 05 23 13-0036)

Table with columns for CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 33 05 23 13-0046 through 33 05 23 13-0057, detailing polyethylene pipe pull in place by boring machine for diameters from 3/4" to 10".

33 05 23 16 Utility Pipe Jacking (33 05 23)

33 05 23 16-0001 Horizontal Jacking (33 05 23 16)

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

Table with columns for CSI, UOM, DESCRIPTION, and UNIT COST. Rows include items 33 05 23 16-0002 through 33 05 23 16-0017, detailing horizontal jacking for diameters from 2" to 36" and a minimum set-up charge.

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

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

33 05 23 16-0018	EA	>36" Horizontal Jacking Minimum Set-up Charge	3,183.90	
Note: For projects where the total boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.				

33 05 26 Utility Identification (33 05)

33 05 26 26 Utility Identification Warning Tape (33 05 26)

33 05 26 26-0001 Non-Detectable Utility Warning Tape (33 05 26 26)

Note: Labor installation is included with pipe and excavation..				
33 05 26 26-0002	LF	3" Non-Detectable Utility Warning Tape	0.02	
33 05 26 26-0003	LF	6" Non-Detectable Utility Warning Tape	0.03	

33 05 26 26-0004 Detectable Utility Warning Tape (33 05 26 26)

Note: Labor installation is included with pipe and excavation..				
33 05 26 26-0005	LF	2" Detectable Utility Warning Tape	0.02	
33 05 26 26-0006	LF	3" Detectable Utility Warning Tape	0.03	
33 05 26 26-0007	LF	6" Detectable Utility Warning Tape	0.06	

33 10 Water Utilities (33)

33 11 Water Utility Distribution Piping (33 10)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 11 13 Public Water Utility Distribution Piping (33 11)

33 11 13 13 Ductile Iron Public Water Utility Distribution Piping (33 11 13)

33 11 13 13-0001 Ductile Iron Piping (33 11 13 13)

33 11 13 13-0002 Mechanical Joint Ductile Iron Piping (33 11 13 13-0001)

Note: Cement lining and bituminous coating shall conform to ANSI A21.4.

33 11 13 13-0003 Mechanical Joint Ductile Iron Pipe (33 11 13 13-0002)

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.

33 11 13 13-0004	LF	4" Mechanical Joint Ductile Iron Pipe.....	34.38	10.11
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add				
			13.34	
For Cement Mortar Lining (CML), Add				
			1.91	
Note: ANSI/AWWA C104/A21.4				
For Bituminous Or Coal Tar Coating, 1 Mil, Add				
			1.43	
Note: ANSI/AWWA C151/A21.51				
For >1,000, Deduct				
			-1.72	
For Class 51, Add				
			1.84	
For Class 52, Add				
			4.10	
For Class 53, Add				
			10.79	
For Class 54, Add				
			15.37	
For Class 55, Add				
			17.70	
For Class 56, Add				
			19.99	
33 11 13 13-0005	LF	6" Mechanical Joint Ductile Iron Pipe.....	35.91	10.61
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add				
			13.90	
For Cement Mortar Lining (CML), Add				
			1.99	
Note: ANSI/AWWA C104/A21.4				
For Bituminous Or Coal Tar Coating, 1 Mil, Add				
			1.49	
Note: ANSI/AWWA C151/A21.51				
For >1,000, Deduct				
			-1.80	
For Class 51, Add				
			1.91	
For Class 52, Add				
			4.28	
For Class 53, Add				
			11.24	
For Class 54, Add				
			16.02	
For Class 55, Add				
			18.45	
For Class 56, Add				
			20.84	
33 11 13 13-0006	LF	8" Mechanical Joint Ductile Iron Pipe.....	42.11	11.03
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add				
			17.78	
For Cement Mortar Lining (CML), Add				
			2.54	
Note: ANSI/AWWA C104/A21.4				
For Bituminous Or Coal Tar Coating, 1 Mil, Add				
			1.91	
Note: ANSI/AWWA C151/A21.51				
For >1,000, Deduct				
			-2.11	
For Class 51, Add				
			2.40	
For Class 52, Add				
			5.37	
For Class 53, Add				
			14.24	
For Class 54, Add				
			20.30	
For Class 55, Add				
			23.36	
For Class 56, Add				
			26.36	
33 11 13 13-0007	LF	10" Mechanical Joint Ductile Iron Pipe.....	56.98	15.80
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add				
			19.82	
For Cement Mortar Lining (CML), Add				
			3.30	
Note: ANSI/AWWA C104/A21.4				
For Bituminous Or Coal Tar Coating, 1 Mil, Add				
			2.48	
Note: ANSI/AWWA C151/A21.51				
For >1,000, Deduct				
			-2.85	
For Class 51, Add				
			3.15	
For Class 52, Add				
			7.04	
For Class 53, Add				
			18.60	
For Class 54, Add				
			26.52	
For Class 55, Add				
			30.52	
For Class 56, Add				
			34.46	

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 11 13 13-0008	LF	12" Mechanical Joint Ductile Iron Pipe.....	68.81	17.56
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	21.10	
		For Cement Mortar Lining (CML), Add	4.22	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.17	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-3.44	
		For Class 51, Add	3.97	
		For Class 52, Add	8.90	
		For Class 53, Add	23.61	
		For Class 54, Add	33.67	
		For Class 55, Add	38.74	
		For Class 56, Add	43.71	
33 11 13 13-0009	LF	14" Mechanical Joint Ductile Iron Pipe.....	82.26	19.71
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	23.03	
		For Cement Mortar Lining (CML), Add	5.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.92	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-4.11	
		For Class 51, Add	4.89	
		For Class 52, Add	10.96	
		For Class 53, Add	29.17	
		For Class 54, Add	41.60	
		For Class 55, Add	47.84	
		For Class 56, Add	53.97	
33 11 13 13-0010	LF	16" Mechanical Joint Ductile Iron Pipe.....	92.87	22.59
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	24.05	
		For Cement Mortar Lining (CML), Add	5.87	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.40	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-4.64	
		For Class 51, Add	5.49	
		For Class 52, Add	12.30	
		For Class 53, Add	32.72	
		For Class 54, Add	46.67	
		For Class 55, Add	53.68	
		For Class 56, Add	60.56	
33 11 13 13-0011	LF	18" Mechanical Joint Ductile Iron Pipe.....	115.15	26.34
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	30.85	
		For Cement Mortar Lining (CML), Add	7.52	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.64	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-5.76	
		For Class 51, Add	6.99	
		For Class 52, Add	15.68	
		For Class 53, Add	41.82	
		For Class 54, Add	59.66	
		For Class 55, Add	68.59	
		For Class 56, Add	77.37	
33 11 13 13-0012	LF	20" Mechanical Joint Ductile Iron Pipe.....	130.74	31.60
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	31.49	
		For Cement Mortar Lining (CML), Add	8.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.21	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-6.54	
		For Class 51, Add	7.75	
		For Class 52, Add	17.36	
		For Class 53, Add	46.20	
		For Class 54, Add	65.90	
		For Class 55, Add	75.79	
		For Class 56, Add	85.50	
33 11 13 13-0013	LF	24" Mechanical Joint Ductile Iron Pipe.....	171.06	39.50
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	34.48	
		For Cement Mortar Lining (CML), Add	11.12	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.34	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-8.55	
		For Class 51, Add	10.35	
		For Class 52, Add	23.19	
		For Class 53, Add	61.84	
		For Class 54, Add	88.22	
		For Class 55, Add	101.44	
		For Class 56, Add	114.42	
33 11 13 13-0014		Mechanical Joint Ductile Iron 90 Degree Elbow (33 11 13 13-0002)		
33 11 13 13-0015	EA	4" Mechanical Joint Ductile Iron 90 Degree Elbow	206.19	35.85
		For Cement Mortar Lining (CML), Add	15.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.39	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0016	EA	6" Mechanical Joint Ductile Iron 90 Degree Elbow	328.56	52.99
		For Cement Mortar Lining (CML), Add	24.83	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.62	
		Note: ANSI/AWWA C151/A21.51		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0017	EA			8" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	456.46 36.12 27.09	62.84
33 11 13 13-0018	EA			10" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	680.78 57.46 43.10	70.07
33 11 13 13-0019	EA			12" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	898.18 77.37 58.03	82.20
33 11 13 13-0020	EA			14" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,434.61 129.50 97.12	92.17
33 11 13 13-0021	EA			16" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,918.38 175.88 131.91	105.34
33 11 13 13-0022	EA			18" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,341.33 211.79 158.84	147.48
33 11 13 13-0023	EA			20" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,232.48 295.32 221.49	184.36
33 11 13 13-0024	EA			24" Mechanical Joint Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,780.21 440.82 330.62	245.48
33 11 13 13-0025				Mechanical Joint Ductile Iron 45 Degree Elbow <small>(33 11 13 13-0002)</small>		
33 11 13 13-0026	EA			4" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	179.51 12.52 9.39	35.85
33 11 13 13-0027	EA			6" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	281.36 20.11 15.08	52.99
33 11 13 13-0028	EA			8" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	388.74 29.35 22.01	62.84
33 11 13 13-0029	EA			10" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	535.07 42.89 32.17	70.07
33 11 13 13-0030	EA			12" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	764.79 64.03 48.02	82.20
33 11 13 13-0031	EA			14" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,147.30 100.77 75.57	92.17
33 11 13 13-0032	EA			16" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,415.58 125.60 94.20	105.34
33 11 13 13-0033	EA			18" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,025.29 180.19 135.14	147.48
33 11 13 13-0034	EA			20" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,204.31 192.50 144.38	184.36

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 11 13 13-0035	EA 24" Mechanical Joint Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,296.44 292.44 219.33	245.48
33 11 13 13-0036	Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <small>(33 11 13 13-0002)</small>		
33 11 13 13-0037	EA 4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	173.35 11.90 8.93	35.85
33 11 13 13-0038	EA 6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	264.94 18.47 13.85	52.99
33 11 13 13-0039	EA 8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	382.58 28.73 21.55	62.84
33 11 13 13-0040	EA 10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	533.02 42.69 32.02	70.07
33 11 13 13-0041	EA 12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	684.75 56.03 42.02	82.20
33 11 13 13-0042	EA 14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,159.61 102.00 76.50	92.17
33 11 13 13-0043	EA 16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,364.27 120.47 90.35	105.34
33 11 13 13-0044	EA 18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,703.08 147.97 110.97	147.48
33 11 13 13-0045	EA 20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,290.51 201.12 150.84	184.36
33 11 13 13-0046	EA 24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,070.70 269.87 202.40	245.48
33 11 13 13-0047	Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <small>(33 11 13 13-0002)</small>		
33 11 13 13-0048	EA 4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	167.19 11.29 8.47	35.85
33 11 13 13-0049	EA 6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	271.10 19.09 14.31	52.99
33 11 13 13-0050	EA 8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	355.90 26.06 19.55	62.84
33 11 13 13-0051	EA 10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	528.91 42.28 31.71	70.07
33 11 13 13-0052	EA 12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	649.86 52.54 39.40	82.20

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

33 11 13 13-0053	EA		14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,303.27 116.36 87.27	92.17
33 11 13 13-0054	EA		16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,434.05 127.44 95.58	105.34
33 11 13 13-0055	EA		18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,093.01 186.96 140.22	147.48
33 11 13 13-0056	EA		20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,173.53 189.42 142.07	184.36
33 11 13 13-0057	EA		24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,898.31 252.63 189.47	245.48
33 11 13 13-0058			Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <small>(33 11 13 13-0002)</small>		
33 11 13 13-0059	EA		4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	234.92 18.06 13.55	35.85
33 11 13 13-0060	EA		6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	379.87 29.96 22.47	52.99
33 11 13 13-0061	EA		8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	524.19 42.89 32.17	62.84
33 11 13 13-0062	EA		10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	779.28 67.31 50.48	70.07
33 11 13 13-0063	EA		12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,004.90 88.04 66.03	82.20
33 11 13 13-0064	EA		14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,777.34 163.77 122.83	92.17
33 11 13 13-0065	EA		16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,753.64 259.40 194.55	105.34
33 11 13 13-0066	EA		18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,170.44 294.70 221.03	147.48
33 11 13 13-0067	EA		20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,324.27 404.50 303.37	184.36
33 11 13 13-0068	EA		24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,231.70 485.97 364.48	245.48
33 11 13 13-0069			Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 11 13 13-0002)</small>		
33 11 13 13-0070	EA		4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	185.66 13.13 9.85	35.85

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0071	EA		6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	303.93 22.37 16.78	52.99
33 11 13 13-0072	EA		8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	454.41 35.91 26.94	62.84
33 11 13 13-0073	EA		10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	639.73 53.36 40.02	70.07
33 11 13 13-0074	EA		12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	883.82 75.93 56.95	82.20
33 11 13 13-0075	EA		14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,561.85 142.22 106.67	92.17
33 11 13 13-0076	EA		16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,415.02 225.54 169.16	105.34
33 11 13 13-0077	EA		18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,827.71 260.43 195.32	147.48
33 11 13 13-0078	EA		20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,679.87 340.06 255.04	184.36
33 11 13 13-0079	EA		24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,609.88 423.79 317.84	245.48
33 11 13 13-0080			Mechanical Joint Ductile Iron Tee (33 11 13 13-0002)		
33 11 13 13-0081	EA		4" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	279.31 19.91 14.93	52.99
33 11 13 13-0082	EA		6" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	439.81 33.45 25.09	69.50
33 11 13 13-0083	EA		6" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	476.97 35.91 26.94	77.81
33 11 13 13-0084	EA		8" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	509.90 38.79 29.09	80.54
33 11 13 13-0085	EA		8" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	581.95 44.74 33.55	88.81
33 11 13 13-0086	EA		8" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	682.66 53.97 40.48	94.35
33 11 13 13-0087	EA		10" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	727.10 59.52 44.64	87.08
33 11 13 13-0088	EA		10" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	720.60 57.67 43.25	94.98

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0089	EA		10" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	827.10 67.52 50.64	100.25
33 11 13 13-0090	EA		10" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	931.25 77.16 57.87	105.34
33 11 13 13-0091	EA		12" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	876.46 72.86 54.64	97.62
33 11 13 13-0092	EA		12" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,001.29 84.14 63.11	105.51
33 11 13 13-0093	EA		12" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,249.38 108.15 81.11	110.79
33 11 13 13-0094	EA		12" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,341.24 116.57 87.43	115.88
33 11 13 13-0095	EA		12" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,260.98 107.74 80.81	121.15
33 11 13 13-0096	EA		14" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,351.95 116.57 87.43	122.95
33 11 13 13-0097	EA		14" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,513.86 131.96 98.97	128.23
33 11 13 13-0098	EA		14" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,964.85 176.29 132.22	133.31
33 11 13 13-0099	EA		14" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,104.18 189.42 142.07	138.57
33 11 13 13-0100	EA		14" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,016.83 179.37 134.52	147.33
33 11 13 13-0101	EA		16" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,727.67 150.43 112.82	147.47
33 11 13 13-0102	EA		16" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,865.01 163.36 122.52	152.75
33 11 13 13-0103	EA		16" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,192.88 195.37 146.53	157.84
33 11 13 13-0104	EA		16" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,410.19 216.31 162.23	163.10
33 11 13 13-0105	EA		16" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,926.20 266.59 199.94	171.82
33 11 13 13-0106	EA		16" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,743.65 246.47 184.86	184.12

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13	13-0107	EA	18" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,416.20 213.02 159.77	188.74
33 11 13	13-0108	EA	18" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,600.68 230.67 173.00	194.01
33 11 13	13-0109	EA	18" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,825.92 252.43 189.32	199.10
33 11 13	13-0110	EA	18" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,049.39 273.97 205.48	204.37
33 11 13	13-0111	EA	18" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,134.42 281.16 210.87	213.09
33 11 13	13-0112	EA	18" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,347.97 300.65 225.49	225.35
33 11 13	13-0113	EA	18" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,939.49 356.68 267.51	245.96
33 11 13	13-0114	EA	20" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,807.11 239.70 179.78	270.65
33 11 13	13-0115	EA	20" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,868.45 245.04 183.78	275.93
33 11 13	13-0116	EA	20" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,145.00 271.92 203.94	281.02
33 11 13	13-0117	EA	20" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,419.77 298.60 223.95	286.28
33 11 13	13-0118	EA	20" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,455.55 300.86 225.64	294.99
33 11 13	13-0119	EA	20" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,498.76 303.32 227.49	307.27
33 11 13	13-0120	EA	20" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,457.63 396.08 297.06	327.89
33 11 13	13-0121	EA	20" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,846.56 328.77 246.58	368.86
33 11 13	13-0122	EA	24" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,417.22 288.34 216.26	352.32
33 11 13	13-0123	EA	24" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,462.15 292.03 219.03	358.09
33 11 13	13-0124	EA	24" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,847.46 329.80 247.35	362.68

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0125	EA			24" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,947.79 339.03 254.27	367.95
33 11 13 13-0126	EA			24" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,482.26 391.16 293.37	376.66
33 11 13 13-0127	EA			24" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,860.00 427.07 320.30	388.92
33 11 13 13-0128	EA			24" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,556.18 493.56 370.17	409.55
33 11 13 13-0129	EA			24" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,162.08 547.95 410.96	450.52
33 11 13 13-0130	EA			24" x 24" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,624.69 488.02 366.02	491.37
33 11 13 13-0131 Mechanical Joint Ductile Iron Wye (Laterals) <small>(33 11 13 13-0002)</small>						
33 11 13 13-0132	EA			4" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	406.54 32.63 24.47	52.95
33 11 13 13-0133	EA			6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	441.86 33.66 25.24	69.50
33 11 13 13-0134	EA			6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	610.37 49.25 36.94	77.76
33 11 13 13-0135	EA			8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	801.32 67.93 50.95	80.54
33 11 13 13-0136	EA			8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	703.03 56.85 42.64	88.81
33 11 13 13-0137	EA			8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	861.20 71.83 53.87	94.33
33 11 13 13-0138	EA			10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,275.05 114.31 85.73	87.08
33 11 13 13-0139	EA			10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,346.53 120.26 90.20	94.98
33 11 13 13-0140	EA			10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,555.64 140.37 105.28	100.25
33 11 13 13-0141	EA			10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,758.31 159.87 119.90	105.34
33 11 13 13-0142	EA			12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,639.89 149.20 111.90	97.62

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0143	EA		12" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,859.12 169.93 127.44	105.51
33 11 13 13-0144	EA		12" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,254.98 208.71 156.53	110.79
33 11 13 13-0145	EA		12" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,318.11 214.25 160.69	115.88
33 11 13 13-0146	EA		12" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,085.98 190.24 142.68	121.13
33 11 13 13-0147	EA		14" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,476.58 229.03 171.77	122.95
33 11 13 13-0148	EA		14" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,845.76 265.15 198.86	128.23
33 11 13 13-0149	EA		14" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,746.20 354.42 265.82	133.31
33 11 13 13-0150	EA		14" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,016.87 380.69 285.52	138.57
33 11 13 13-0151	EA		14" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,915.15 369.20 276.90	147.29
33 11 13 13-0152	EA		16" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,526.06 230.26 172.70	147.47
33 11 13 13-0153	EA		16" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,788.52 255.71 191.78	152.75
33 11 13 13-0154	EA		16" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,307.25 306.81 230.11	157.84
33 11 13 13-0155	EA		16" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,711.31 346.42 259.81	163.10
33 11 13 13-0156	EA		16" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,672.66 441.23 330.92	171.82
33 11 13 13-0157	EA		16" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,490.11 421.12 315.84	184.08
33 11 13 13-0158	EA		18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,014.89 372.89 279.67	188.74
33 11 13 13-0159	EA		18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,330.72 403.68 302.76	194.01
33 11 13 13-0160	EA		18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,635.99 433.43 325.07	199.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0161 EA 18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,968.23 465.86 349.39	204.37
33 11 13 13-0162 EA 18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,018.38 469.55 352.16	213.09
33 11 13 13-0163 EA 18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,061.59 472.02 354.01	225.35
33 11 13 13-0164 EA 18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,596.21 422.35 316.76	245.97
33 11 13 13-0165 EA 20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,723.90 431.38 323.54	270.65
33 11 13 13-0166 EA 20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,828.34 441.03 330.77	275.93
33 11 13 13-0167 EA 20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,320.37 489.46 367.09	281.02
33 11 13 13-0168 EA 20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,808.58 537.48 403.11	286.28
33 11 13 13-0169 EA 20" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,862.83 541.59 406.19	294.99
33 11 13 13-0170 EA 20" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,924.51 545.90 409.42	307.27
33 11 13 13-0171 EA 20" x 18" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,887.49 639.07 479.30	327.89
33 11 13 13-0172 EA 20" x 20" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,477.53 591.87 443.90	368.85
33 11 13 13-0173 EA 24" x 6" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,723.94 519.01 389.26	352.32
33 11 13 13-0174 EA 24" x 8" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,797.60 525.58 394.18	357.59
33 11 13 13-0175 EA 24" x 10" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,484.59 593.51 445.13	362.68
33 11 13 13-0176 EA 24" x 12" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,796.30 623.88 467.91	367.95
33 11 13 13-0177 EA 24" x 14" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	7,884.87 731.42 548.56	376.66
33 11 13 13-0178 EA 24" x 16" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,783.88 819.46 614.59	388.92

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0179	EA		24" x 18" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	9,849.46 922.89 692.17	409.55
33 11 13 13-0180	EA		24" x 20" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10,820.67 1,013.81 760.36	450.52
33 11 13 13-0181	EA		24" x 24" Mechanical Joint Ductile Iron Wye (Lateral) For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	9,528.05 878.36 658.77	491.35
33 11 13 13-0182			Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee <small>(33 11 13 13-0002)</small>		
33 11 13 13-0183	EA		6" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	532.38 41.46 31.09 31.09	77.81
33 11 13 13-0184	EA		8" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	635.31 50.08 37.56 37.56	88.81
33 11 13 13-0185	EA		10" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	997.65 85.37 64.03 64.03	94.98
33 11 13 13-0186	EA		12" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,122.37 96.25 72.19 72.19	105.51
33 11 13 13-0187	EA		14" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,548.97 136.27 102.20 102.20	122.95
33 11 13 13-0188	EA		16" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,986.32 176.29 132.22 132.22	147.47
33 11 13 13-0189	EA		18" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,432.61 214.66 161.00 161.00	188.74
33 11 13 13-0190	EA		20" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,404.31 299.42 224.57 224.57	270.65
33 11 13 13-0191	EA		24" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,939.63 343.14 257.35 257.35	352.32
33 11 13 13-0192	EA		30" x 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	7,909.24 728.75 546.56 546.56	410.35
33 11 13 13-0193			Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee <small>(33 11 13 13-0002)</small>		
33 11 13 13-0194	EA		6" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	470.81 35.30 26.47 26.47	77.81

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0195	EA			8" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	553.22 41.87 31.40 31.40	88.81
33 11 13 13-0196	EA			10" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	817.05 67.31 50.48 50.48	94.98
33 11 13 13-0197	EA			12" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,021.81 86.19 64.65 64.65	105.51
33 11 13 13-0198	EA			14" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,294.49 110.82 83.12 83.12	122.95
33 11 13 13-0199	EA			16" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	1,641.55 141.81 106.36 106.36	147.47
33 11 13 13-0200	EA			18" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,122.72 183.68 137.76 137.76	188.74
33 11 13 13-0201	EA			20" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	2,261.21 185.11 138.83 138.83	270.65
33 11 13 13-0202	EA			24" x 6" Mechanical Joint x Swivel (MJxSW) Ductile Iron Hydrant Tee Note: Includes swivel gland. For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Protective Fusion-Bonded Epoxy Coated, C116, Add	3,174.14 266.59 199.94 199.94	352.32
33 11 13 13-0203				Mechanical Joint Ductile Iron Cross <small>(33 11 13 13-0002)</small>		
33 11 13 13-0204	EA			4" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	529.22 42.89 32.17	66.19
33 11 13 13-0205	EA			6" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	601.62 46.79 35.09	88.25
33 11 13 13-0206	EA			6" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	692.52 52.54 39.40	110.32
33 11 13 13-0207	EA			8" x 4" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	612.13 46.59 34.94	96.54
33 11 13 13-0208	EA			8" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	723.54 54.38 40.79	118.60
33 11 13 13-0209	EA			8" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	764.82 57.26 42.94	126.87

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 13-0210	EA	10" x 4" Mechanical Joint Ductile Iron Cross.....	761.77	101.85
		For Cement Mortar Lining (CML), Add	60.75	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.56	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0211	EA	10" x 6" Mechanical Joint Ductile Iron Cross.....	867.58	122.92
		For Cement Mortar Lining (CML), Add	68.13	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	51.10	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0212	EA	10" x 8" Mechanical Joint Ductile Iron Cross.....	1,043.74	130.82
		For Cement Mortar Lining (CML), Add	84.55	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	63.41	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0213	EA	10" x 10" Mechanical Joint Ductile Iron Cross.....	1,130.21	140.46
		For Cement Mortar Lining (CML), Add	91.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	68.80	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0214	EA	12 x 4" Mechanical Joint Ductile Iron Cross.....	935.13	110.62
		For Cement Mortar Lining (CML), Add	76.75	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.57	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0215	EA	12" x 6" Mechanical Joint Ductile Iron Cross.....	1,084.04	131.69
		For Cement Mortar Lining (CML), Add	88.45	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	66.34	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0216	EA	12" x 8" Mechanical Joint Ductile Iron Cross.....	1,607.02	139.59
		For Cement Mortar Lining (CML), Add	139.55	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	104.66	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0217	EA	12" x 10" Mechanical Joint Ductile Iron Cross.....	1,621.66	149.26
		For Cement Mortar Lining (CML), Add	139.55	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	104.66	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0218	EA	12" x 12" Mechanical Joint Ductile Iron Cross.....	1,850.43	158.02
		For Cement Mortar Lining (CML), Add	161.10	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.83	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0219	EA	14" x 6" Mechanical Joint Ductile Iron Cross.....	1,910.51	144.84
		For Cement Mortar Lining (CML), Add	169.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	126.83	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0220	EA	14" x 8" Mechanical Joint Ductile Iron Cross.....	2,263.15	152.75
		For Cement Mortar Lining (CML), Add	203.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	152.38	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0221	EA	14" x 10" Mechanical Joint Ductile Iron Cross.....	2,318.84	162.41
		For Cement Mortar Lining (CML), Add	207.28	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	155.46	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0222	EA	14" x 12" Mechanical Joint Ductile Iron Cross.....	2,447.05	171.18
		For Cement Mortar Lining (CML), Add	218.77	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	164.08	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0223	EA	14" x 14" Mechanical Joint Ductile Iron Cross.....	2,711.21	184.36
		For Cement Mortar Lining (CML), Add	243.19	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	182.39	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0224	EA	16" x 6" Mechanical Joint Ductile Iron Cross.....	2,186.75	163.26
		For Cement Mortar Lining (CML), Add	193.94	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	145.45	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0225	EA	16" x 8" Mechanical Joint Ductile Iron Cross.....	2,500.41	171.18
		For Cement Mortar Lining (CML), Add	224.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	168.08	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0226	EA	16" x 10" Mechanical Joint Ductile Iron Cross.....	3,012.88	180.83
		For Cement Mortar Lining (CML), Add	273.89	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	205.42	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0227	EA	16" x 12" Mechanical Joint Ductile Iron Cross.....	3,367.69	189.61
		For Cement Mortar Lining (CML), Add	308.04	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	231.03	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0228	EA		16" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,089.50 378.23 283.67	202.77
33 11 13 13-0229	EA		16" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,800.81 446.57 334.93	221.22
33 11 13 13-0230	EA		18" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,680.76 338.83 254.12	193.06
33 11 13 13-0231	EA		18" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,893.87 358.94 269.20	200.97
33 11 13 13-0232	EA		18" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,076.78 375.77 281.82	210.62
33 11 13 13-0233	EA		18" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,426.63 409.42 307.07	219.40
33 11 13 13-0234	EA		18" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,183.32 483.10 362.32	232.56
33 11 13 13-0235	EA		18" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,514.97 513.47 385.10	250.98
33 11 13 13-0236	EA		18" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,761.22 533.58 400.19	280.76
33 11 13 13-0237	EA		20" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,627.47 426.05 319.53	242.22
33 11 13 13-0238	EA		20" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,842.62 446.36 334.77	250.14
33 11 13 13-0239	EA		20" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,990.66 459.70 344.78	259.81
33 11 13 13-0240	EA		20" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,338.46 493.15 369.86	268.56
33 11 13 13-0241	EA		20" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,426.12 499.93 374.94	281.74
33 11 13 13-0242	EA		20" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,595.08 614.03 460.52	300.15
33 11 13 13-0243	EA		20" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,841.34 634.14 475.61	329.94
33 11 13 13-0244	EA		20" x 20" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	7,385.80 681.14 510.85	379.08
33 11 13 13-0245	EA		24" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,330.58 587.15 440.36	303.02

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 13-0246	EA	24" x 8" Mechanical Joint Ductile Iron Cross.....	6,478.25	310.93
		For Cement Mortar Lining (CML), Add	600.69	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	450.52	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0247	EA	24" x 10" Mechanical Joint Ductile Iron Cross.....	6,726.60	320.59
		For Cement Mortar Lining (CML), Add	624.09	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	468.06	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0248	EA	24" x 12" Mechanical Joint Ductile Iron Cross.....	6,941.00	329.35
		For Cement Mortar Lining (CML), Add	644.20	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	483.15	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0249	EA	24" x 14" Mechanical Joint Ductile Iron Cross.....	7,061.50	342.52
		For Cement Mortar Lining (CML), Add	654.25	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	490.69	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0250	EA	24" x 16" Mechanical Joint Ductile Iron Cross.....	7,325.42	360.94
		For Cement Mortar Lining (CML), Add	677.86	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	508.39	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0251	EA	24" x 18" Mechanical Joint Ductile Iron Cross.....	9,753.21	390.73
		For Cement Mortar Lining (CML), Add	916.12	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	687.09	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0252	EA	24" x 20" Mechanical Joint Ductile Iron Cross.....	10,262.79	439.90
		For Cement Mortar Lining (CML), Add	959.63	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	719.72	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0253	EA	24" x 24" Mechanical Joint Ductile Iron Cross.....	11,294.81	500.70
		For Cement Mortar Lining (CML), Add	1,053.62	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	790.22	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0254		Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 11 13 13-0002)		
33 11 13 13-0255	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	209.68	43.58
		For Cement Mortar Lining (CML), Add	14.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.77	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0256	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	271.48	49.09
		For Cement Mortar Lining (CML), Add	19.70	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.78	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0257	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	296.25	57.37
		For Cement Mortar Lining (CML), Add	20.93	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.70	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0258	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	335.27	51.97
		For Cement Mortar Lining (CML), Add	25.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.24	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0259	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	361.61	59.87
		For Cement Mortar Lining (CML), Add	27.09	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.32	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0260	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	396.27	65.14
		For Cement Mortar Lining (CML), Add	29.76	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.32	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0261	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	410.97	57.24
		For Cement Mortar Lining (CML), Add	32.43	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.32	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0262	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	455.78	65.14
		For Cement Mortar Lining (CML), Add	35.71	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.78	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0263	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	474.03	70.40
		For Cement Mortar Lining (CML), Add	36.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.55	
		Note: ANSI/AWWA C151/A21.51		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0264	EA		12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	520.73 40.63 30.48	75.50
33 11 13 13-0265	EA		14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	904.06 79.22 59.41	73.85
33 11 13 13-0266	EA		14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	871.00 75.11 56.33	79.13
33 11 13 13-0267	EA		14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	767.90 64.03 48.02	84.21
33 11 13 13-0268	EA		14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	806.66 67.11 50.33	89.48
33 11 13 13-0269	EA		16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,062.20 93.17 69.88	86.11
33 11 13 13-0270	EA		16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,035.30 89.68 67.26	91.39
33 11 13 13-0271	EA		16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,010.16 86.40 64.80	96.48
33 11 13 13-0272	EA		16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,098.18 94.40 70.80	101.74
33 11 13 13-0273	EA		16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,224.26 105.69 79.27	110.46
33 11 13 13-0274	EA		18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,321.04 115.13 86.35	112.02
33 11 13 13-0275	EA		18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,488.81 131.14 98.35	117.11
33 11 13 13-0276	EA		18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,427.02 124.16 93.12	122.38
33 11 13 13-0277	EA		18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,512.05 131.34 98.51	131.09
33 11 13 13-0278	EA		18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,588.10 137.09 102.82	143.36
33 11 13 13-0279	EA		20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,869.47 163.77 122.83	152.98
33 11 13 13-0280	EA		20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,782.77 154.33 115.75	158.06
33 11 13 13-0281	EA		20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,628.63 138.12 103.59	163.33

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 13-0282	EA	20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,631.58	172.05
		For Cement Mortar Lining (CML), Add	137.09	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	102.82	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0283	EA	20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,678.89	184.31
		For Cement Mortar Lining (CML), Add	139.96	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	104.97	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0284	EA	20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,028.23	204.95
		For Cement Mortar Lining (CML), Add	171.77	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	128.83	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0285	EA	24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,425.20	204.16
		For Cement Mortar Lining (CML), Add	211.59	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	158.69	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0286	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,491.77	212.88
		For Cement Mortar Lining (CML), Add	216.92	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	162.69	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0287	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,539.07	225.14
		For Cement Mortar Lining (CML), Add	219.80	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	164.85	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0288	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,473.87	245.77
		For Cement Mortar Lining (CML), Add	210.15	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	157.61	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0289	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,036.68	286.74
		For Cement Mortar Lining (CML), Add	260.22	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	195.17	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0290		Mechanical Joint Ductile Iron Caps (33 11 13 13-0002)		
33 11 13 13-0291	EA	4" Mechanical Joint Ductile Iron Caps.....	177.98	80.90
		For Cement Mortar Lining (CML), Add	5.54	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.16	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0292	EA	6" Mechanical Joint Ductile Iron Caps.....	251.73	101.12
		For Cement Mortar Lining (CML), Add	9.85	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.39	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0293	EA	8" Mechanical Joint Ductile Iron Caps.....	339.28	115.58
		For Cement Mortar Lining (CML), Add	16.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.31	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0294	EA	10" Mechanical Joint Ductile Iron Caps.....	473.30	175.57
		For Cement Mortar Lining (CML), Add	20.73	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.55	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0295	EA	12" Mechanical Joint Ductile Iron Caps.....	600.10	191.54
		For Cement Mortar Lining (CML), Add	30.99	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.24	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0296	EA	14" Mechanical Joint Ductile Iron Caps.....	789.18	210.69
		For Cement Mortar Lining (CML), Add	47.00	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.25	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0297	EA	16" Mechanical Joint Ductile Iron Caps.....	984.73	234.07
		For Cement Mortar Lining (CML), Add	63.00	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	47.25	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0298	EA	18" Mechanical Joint Ductile Iron Caps.....	1,168.62	263.36
		For Cement Mortar Lining (CML), Add	76.96	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.72	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0299	EA	20" Mechanical Joint Ductile Iron Caps.....	1,451.37	300.95
		For Cement Mortar Lining (CML), Add	99.53	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.65	
		Note: ANSI/AWWA C151/A21.51		

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

33 11 13	13-0300	EA	24" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,898.83 136.68 102.51	351.15
----------	---------	----	--	------------------------------	--------

33 11 13 13-0301 Mechanical Joint Ductile Iron Plug (33 11 13 13-0002)

33 11 13	13-0302	EA	4" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	190.29 6.77 5.08	80.90
33 11 13	13-0303	EA	6" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	284.56 13.13 9.85	101.12
33 11 13	13-0304	EA	8" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	372.12 19.70 14.78	115.58
33 11 13	13-0305	EA	10" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	606.69 34.07 25.55	175.57
33 11 13	13-0306	EA	12" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	637.04 34.68 26.01	191.54
33 11 13	13-0307	EA	14" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,025.19 70.60 52.95	210.69
33 11 13	13-0308	EA	16" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	444.99 9.03 6.77	234.07
33 11 13	13-0309	EA	18" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,519.55 112.05 84.04	263.36
33 11 13	13-0310	EA	20" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,929.54 147.35 110.51	300.95
33 11 13	13-0311	EA	24" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,576.07 204.40 153.30	351.15

33 11 13 13-0312 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 11 13 13-0002)

33 11 13	13-0313	EA	4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	327.53 14.37 10.77	121.35
33 11 13	13-0314	EA	6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	428.90 19.91 14.93	151.69
33 11 13	13-0315	EA	8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	564.34 30.17 22.63	173.33
33 11 13	13-0316	EA	10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	924.40 52.54 39.40	263.36
33 11 13	13-0317	EA	12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,108.44 67.31 50.48	287.31

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0318	EA		14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,548.06 106.92 80.19	316.03
33 11 13 13-0319	EA		16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,753.12 122.11 91.58	351.15
33 11 13 13-0320	EA		18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,466.09 186.75 140.07	395.05
33 11 13 13-0321	EA		20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,908.68 222.46 166.85	451.47
33 11 13 13-0322	EA		24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,537.80 273.97 205.48	526.72
33 11 13 13-0323			Mechanical Joint Ductile Iron Long Sleeves (33 11 13 13-0002)		
33 11 13 13-0324	EA		4" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	317.27 13.34 10.01	121.35
33 11 13 13-0325	EA		6" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	453.52 22.37 16.78	151.69
33 11 13 13-0326	EA		8" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	630.01 36.74 27.55	173.33
33 11 13 13-0327	EA		10" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	836.16 43.71 32.78	263.36
33 11 13 13-0328	EA		12" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,026.36 59.11 44.33	287.31
33 11 13 13-0329	EA		14" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,371.56 89.27 66.95	316.03
33 11 13 13-0330	EA		16" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,662.82 113.08 84.81	351.15
33 11 13 13-0331	EA		18" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,045.38 144.68 108.51	395.05
33 11 13 13-0332	EA		20" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,430.51 174.65 130.98	451.47
33 11 13 13-0333	EA		24" Mechanical Joint Ductile Iron Long Sleeves..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,098.62 230.06 172.54	526.72
33 11 13 13-0334			Mechanical Joint Ductile Iron Gland Packs (33 11 13 13-0002) Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 11 13 13-0335			Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts (33 11 13 13-0334) Note: Labor installation is included with pipe fittings or valves.		
33 11 13 13-0336	EA		4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts..... Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	21.97	
33 11 13 13-0337	EA		6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	26.55	
33 11 13 13-0338	EA		8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts..... Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	31.12	

MINOR CSI UOM	DESCRIPTION					
33 11 13 13-0339	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	43.03			
33 11 13 13-0340	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	45.77			
33 11 13 13-0341	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	75.07			
33 11 13 13-0342	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	79.64			
33 11 13 13-0343	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	106.19			
33 11 13 13-0344	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	137.32			
33 11 13 13-0345	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	191.33			
33 11 13 13-0346 Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts <small>(33 11 13 13-0334)</small>						
Note: Labor installation is included with pipe fittings or valves.						
33 11 13 13-0347	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	31.12			
33 11 13 13-0348	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	39.36			
33 11 13 13-0349	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	43.03			
33 11 13 13-0350	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	59.50			
33 11 13 13-0351	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	62.25			
33 11 13 13-0352	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	94.29			
33 11 13 13-0353	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	103.44			
33 11 13 13-0354	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	137.32			
33 11 13 13-0355	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	177.60			
33 11 13 13-0356	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	248.08			
33 11 13 13-0357 Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts <small>(33 11 13 13-0334)</small>						
Note: Labor installation is included with pipe fittings or valves.						
33 11 13 13-0358	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	23.80			
33 11 13 13-0359	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	28.38			
33 11 13 13-0360	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	33.87			
33 11 13 13-0361	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	46.69			
33 11 13 13-0362	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	49.43			
33 11 13 13-0363	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	81.47			
33 11 13 13-0364	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	86.05			
33 11 13 13-0365	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	116.26			
33 11 13 13-0366	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	149.22			
33 11 13 13-0367	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	208.72			
33 11 13 13-0368 Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100) <small>(33 11 13 13-0002)</small>						
Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.						
33 11 13 13-0369	EA	4" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	243.92		62.26	
33 11 13 13-0370	EA	6" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	302.85		77.06	
33 11 13 13-0371	EA	8" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	388.79		89.93	
33 11 13 13-0372	EA	10" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	560.45		131.69	
33 11 13 13-0373	EA	12" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	711.87		150.51	
33 11 13 13-0374	EA	14" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	852.23		162.01	
33 11 13 13-0375	EA	16" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	1,092.77		175.57	
33 11 13 13-0376	EA	18" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	1,427.96		210.69	
33 11 13 13-0377	EA	20" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	1,711.29		233.99	
33 11 13 13-0378	EA	24" Mechanical Joint Restraints For Ductile Iron Pipe (Megalug 1100)	2,282.14		269.99	
33 11 13 13-0379 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping <small>(33 11 13 13-0001)</small>						
Note: .						
33 11 13 13-0380 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow <small>(33 11 13 13-0379)</small>						

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 11 13 13-0381	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	577.64	35.94
33 11 13 13-0382	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	899.07	52.65
33 11 13 13-0383	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,238.37	62.68
33 11 13 13-0384	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,715.11	70.23
33 11 13 13-0385	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,180.83	82.20
33 11 13 13-0386	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,123.61	92.58
33 11 13 13-0387	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,796.18	105.34
33 11 13 13-0388	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,568.01	147.64
33 11 13 13-0389	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,693.12	184.36
33 11 13 13-0390	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	8,063.80	245.80

33 11 13 13-0391 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow (33 11 13 13-0379)

33 11 13 13-0392	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	538.65	35.94
33 11 13 13-0393	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	831.35	52.65
33 11 13 13-0394	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,133.70	62.68
33 11 13 13-0395	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,493.46	70.23
33 11 13 13-0396	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,981.77	82.20
33 11 13 13-0397	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,696.74	92.58
33 11 13 13-0398	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,233.87	105.34
33 11 13 13-0399	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,802.53	147.64
33 11 13 13-0400	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,611.59	184.36
33 11 13 13-0401	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	6,075.18	245.80

33 11 13 13-0402 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow (33 11 13 13-0379)

33 11 13 13-0403	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	532.49	35.94
33 11 13 13-0404	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	806.72	52.65
33 11 13 13-0405	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,125.49	62.68
33 11 13 13-0406	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,491.41	70.23
33 11 13 13-0407	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,862.74	82.20
33 11 13 13-0408	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,713.16	92.58
33 11 13 13-0409	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,159.98	105.34
33 11 13 13-0410	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,784.06	147.64
33 11 13 13-0411	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,781.92	184.36
33 11 13 13-0412	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,939.73	245.80
33 11 13 13-0413	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,079.45	263.36
33 11 13 13-0414	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	13,842.03	273.74
33 11 13 13-0415	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	19,880.72	316.03
33 11 13 13-0416	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	25,522.10	335.99

33 11 13 13-0417 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow (33 11 13 13-0379)

33 11 13 13-0418	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	645.37	35.94
33 11 13 13-0419	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	814.93	52.65
33 11 13 13-0420	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,088.55	62.68
33 11 13 13-0421	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,487.31	70.23
33 11 13 13-0422	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,807.33	82.20
33 11 13 13-0423	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,928.64	92.58
33 11 13 13-0424	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,260.54	105.34
33 11 13 13-0425	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,366.89	147.64
33 11 13 13-0426	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,605.43	184.36
33 11 13 13-0427	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,941.78	245.80

33 11 13 13-0428 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow (33 11 13 13-0379)

33 11 13 13-0429	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	624.84	35.94
33 11 13 13-0430	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	977.06	52.65
33 11 13 13-0431	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,336.88	62.68
33 11 13 13-0432	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,858.76	70.23
33 11 13 13-0433	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,338.86	82.20
33 11 13 13-0434	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	4,258.50	92.58
33 11 13 13-0435	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,683.68	105.34
33 11 13 13-0436	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,611.48	147.64
33 11 13 13-0437	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,759.17	184.36
33 11 13 13-0438	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	9,426.48	245.80

33 11 13 13-0439 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow (33 11 13 13-0379)

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

33 11 13 13-0579	EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,397.48	152.43
33 11 13 13-0580	EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,496.27	162.81
33 11 13 13-0581	EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,745.56	170.78
33 11 13 13-0582	EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,266.25	184.36
33 11 13 13-0583	EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,126.11	163.60
33 11 13 13-0584	EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,741.45	170.78
33 11 13 13-0585	EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,751.42	181.16
33 11 13 13-0586	EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,448.10	189.94
33 11 13 13-0587	EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,869.72	202.71
33 11 13 13-0588	EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,201.38	221.07
33 11 13 13-0589	EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,241.39	193.13
33 11 13 13-0590	EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,665.88	201.11
33 11 13 13-0591	EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,025.29	210.69
33 11 13 13-0592	EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,730.18	219.47
33 11 13 13-0593	EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,260.56	232.24
33 11 13 13-0594	EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,910.31	250.60
33 11 13 13-0595	EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,367.94	280.92
33 11 13 13-0596	EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,105.46	242.61
33 11 13 13-0597	EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,534.04	249.79
33 11 13 13-0598	EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,821.63	260.17
33 11 13 13-0599	EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,520.37	268.95
33 11 13 13-0600	EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,679.85	281.72
33 11 13 13-0601	EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,047.32	300.07
33 11 13 13-0602	EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,504.96	329.60
33 11 13 13-0603	EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,544.02	379.08
33 11 13 13-0604	EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,501.66	303.27
33 11 13 13-0605	EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,790.94	311.24
33 11 13 13-0606	EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,285.56	320.83
33 11 13 13-0607	EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,711.34	329.60
33 11 13 13-0608	EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	13,936.51	342.37
33 11 13 13-0609	EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	14,448.74	360.72
33 11 13 13-0610	EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,380.27	391.06
33 11 13 13-0611	EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	20,347.50	439.74
33 11 13 13-0612	EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	22,368.70	500.39

33 11 13 13-0613 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 11 13 13-0379)

33 11 13 13-0614	EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	730.95	43.46
33 11 13 13-0615	EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	969.24	49.31
33 11 13 13-0616	EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,000.17	57.67
33 11 13 13-0617	EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,197.21	51.87
33 11 13 13-0618	EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,246.12	59.85
33 11 13 13-0619	EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,293.10	65.44
33 11 13 13-0620	EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,387.84	57.47
33 11 13 13-0621	EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,533.21	65.44
33 11 13 13-0622	EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,553.51	70.23
33 11 13 13-0623	EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	1,620.73	75.81
33 11 13 13-0624	EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,432.98	74.22
33 11 13 13-0625	EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,440.96	79.01
33 11 13 13-0626	EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,105.96	84.60
33 11 13 13-0627	EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,144.72	89.38
33 11 13 13-0628	EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,919.47	86.19
33 11 13 13-0629	EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,822.80	91.78
33 11 13 13-0630	EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,637.59	96.57
33 11 13 13-0631	EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,598.37	101.35
33 11 13 13-0632	EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	2,944.04	110.14
33 11 13 13-0633	EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,151.63	111.73
33 11 13 13-0634	EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,565.68	117.32
33 11 13 13-0635	EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,393.06	122.10
33 11 13 13-0636	EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	4,075.30	130.88
33 11 13 13-0637	EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	3,533.62	143.65

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0638	EA		20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,192.60	153.22
33 11 13 13-0639	EA		20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,220.84	158.02
33 11 13 13-0640	EA		20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,810.16	163.60
33 11 13 13-0641	EA		20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,796.69	172.39
33 11 13 13-0642	EA		20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,683.93	184.36
33 11 13 13-0643	EA		20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,373.95	205.10
33 11 13 13-0644	EA		24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,267.55	204.30
33 11 13 13-0645	EA		24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,338.22	213.09
33 11 13 13-0646	EA		24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,422.47	225.06
33 11 13 13-0647	EA		24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,310.07	245.80
33 11 13 13-0648	EA		24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	6,121.20	286.50
33 11 13 13-0649			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps <small>(33 11 13 13-0379)</small>		
33 11 13 13-0650	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	467.35	81.06
33 11 13 13-0651	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	703.22	101.12
33 11 13 13-0652	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	965.21	115.33
33 11 13 13-0653	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,261.36	175.57
33 11 13 13-0654	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,624.17	191.54
33 11 13 13-0655	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,854.30	210.69
33 11 13 13-0656	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,281.74	233.83
33 11 13 13-0657	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,685.23	263.36
33 11 13 13-0658	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	3,257.34	300.87
33 11 13 13-0659	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	4,215.81	351.15
33 11 13 13-0660			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug <small>(33 11 13 13-0379)</small>		
33 11 13 13-0661	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	487.87	81.06
33 11 13 13-0662	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	756.58	101.12
33 11 13 13-0663	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,018.57	115.33
33 11 13 13-0664	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,567.14	175.57
33 11 13 13-0665	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,693.94	191.54
33 11 13 13-0666	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,299.63	210.69
33 11 13 13-0667	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,796.86	233.83
33 11 13 13-0668	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,343.99	263.36
33 11 13 13-0669	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	4,148.01	300.87
33 11 13 13-0670	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	5,484.10	351.15
33 11 13 13-0671			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters <small>(33 11 13 13-0379)</small>		
33 11 13 13-0672	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	698.98	121.18
33 11 13 13-0673	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	978.90	152.10
33 11 13 13-0674	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,315.46	173.00
33 11 13 13-0675	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,934.11	263.36
33 11 13 13-0676	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,339.79	287.31
33 11 13 13-0677	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,126.23	316.03
33 11 13 13-0678	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,557.04	351.15
33 11 13 13-0679	EA		18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	4,739.97	395.05
33 11 13 13-0680	EA		20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	5,504.76	451.70
33 11 13 13-0681	EA		24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	6,685.94	526.72
33 11 13 13-0682			Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves <small>(33 11 13 13-0379)</small>		
33 11 13 13-0683	EA		4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	668.20	121.18
33 11 13 13-0684	EA		6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,013.79	152.10
33 11 13 13-0685	EA		8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,409.86	173.00
33 11 13 13-0686	EA		10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	1,802.76	263.36
33 11 13 13-0687	EA		12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,216.65	287.31
33 11 13 13-0688	EA		14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	2,863.54	316.03
33 11 13 13-0689	EA		16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves.....	3,417.49	351.15

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0690	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,107.88	395.05
33 11 13 13-0691	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,792.63	451.70
33 11 13 13-0692	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	6,033.32	526.72
 33 11 13 13-0693 Push-On Joint Ductile Iron Piping <small>(33 11 13 13-0001)</small>				
33 11 13 13-0694 Push-On Joint Ductile Iron Pipe <small>(33 11 13 13-0693)</small> Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D class 50.				
33 11 13 13-0695	LF	4" Push-On Joint Ductile Iron Pipe	21.69	6.89
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	7.87	
		For Cement Mortar Lining (CML), Add	1.12	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	0.84	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-1.08	
		For Class 51, Add	1.10	
		For Class 52, Add	2.45	
		For Class 53, Add	6.42	
		For Class 54, Add	9.14	
		For Class 55, Add	10.53	
		For Class 56, Add	11.89	
33 11 13 13-0696	LF	6" Push-On Joint Ductile Iron Pipe	25.67	7.60
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	9.95	
		For Cement Mortar Lining (CML), Add	1.42	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.07	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-1.28	
		For Class 51, Add	1.37	
		For Class 52, Add	3.06	
		For Class 53, Add	8.05	
		For Class 54, Add	11.47	
		For Class 55, Add	13.21	
		For Class 56, Add	14.92	
33 11 13 13-0697	LF	8" Push-On Joint Ductile Iron Pipe	32.67	8.36
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	14.10	
		For Cement Mortar Lining (CML), Add	2.01	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.51	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-1.63	
		For Class 51, Add	1.89	
		For Class 52, Add	4.24	
		For Class 53, Add	11.26	
		For Class 54, Add	16.06	
		For Class 55, Add	18.48	
		For Class 56, Add	20.85	
33 11 13 13-0698	LF	10" Push-On Joint Ductile Iron Pipe	44.51	11.89
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	15.94	
		For Cement Mortar Lining (CML), Add	2.66	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.99	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-2.23	
		For Class 51, Add	2.52	
		For Class 52, Add	5.63	
		For Class 53, Add	14.91	
		For Class 54, Add	21.25	
		For Class 55, Add	24.45	
		For Class 56, Add	27.60	
33 11 13 13-0699	LF	12" Push-On Joint Ductile Iron Pipe	53.79	13.17
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	16.92	
		For Cement Mortar Lining (CML), Add	3.38	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.54	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-2.69	
		For Class 51, Add	3.17	
		For Class 52, Add	7.10	
		For Class 53, Add	18.88	
		For Class 54, Add	26.93	
		For Class 55, Add	30.98	
		For Class 56, Add	34.95	
33 11 13 13-0700	LF	14" Push-On Joint Ductile Iron Pipe	64.81	14.85
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	18.65	
		For Cement Mortar Lining (CML), Add	4.24	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.18	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-3.24	
		For Class 51, Add	3.94	
		For Class 52, Add	8.83	
		For Class 53, Add	23.56	
		For Class 54, Add	33.61	
		For Class 55, Add	38.64	
		For Class 56, Add	43.58	

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 11 13 13-0701	LF	16"	Push-On Joint Ductile Iron Pipe.....	75.46	16.92
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	20.43	
			<i>For Cement Mortar Lining (CML), Add</i>	4.98	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.74	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-3.77	
			<i>For Class 51, Add</i>	4.62	
			<i>For Class 52, Add</i>	10.36	
			<i>For Class 53, Add</i>	27.67	
			<i>For Class 54, Add</i>	39.48	
			<i>For Class 55, Add</i>	45.39	
			<i>For Class 56, Add</i>	51.19	
33 11 13 13-0702	LF	18"	Push-On Joint Ductile Iron Pipe.....	87.20	19.79
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	23.48	
			<i>For Cement Mortar Lining (CML), Add</i>	5.73	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.30	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-4.36	
			<i>For Class 51, Add</i>	5.32	
			<i>For Class 52, Add</i>	11.92	
			<i>For Class 53, Add</i>	31.81	
			<i>For Class 54, Add</i>	45.39	
			<i>For Class 55, Add</i>	52.18	
			<i>For Class 56, Add</i>	58.86	
33 11 13 13-0703	LF	20"	Push-On Joint Ductile Iron Pipe.....	101.25	23.70
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	24.83	
			<i>For Cement Mortar Lining (CML), Add</i>	6.53	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.90	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-5.06	
			<i>For Class 51, Add</i>	6.09	
			<i>For Class 52, Add</i>	13.64	
			<i>For Class 53, Add</i>	36.36	
			<i>For Class 54, Add</i>	51.86	
			<i>For Class 55, Add</i>	59.64	
			<i>For Class 56, Add</i>	67.27	
33 11 13 13-0704	LF	24"	Push-On Joint Ductile Iron Pipe.....	127.26	29.61
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	25.52	
			<i>For Cement Mortar Lining (CML), Add</i>	8.23	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	6.17	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For >1,000, Deduct</i>	-6.36	
			<i>For Class 51, Add</i>	7.67	
			<i>For Class 52, Add</i>	17.19	
			<i>For Class 53, Add</i>	45.81	
			<i>For Class 54, Add</i>	65.34	
			<i>For Class 55, Add</i>	75.14	
			<i>For Class 56, Add</i>	84.75	
33 11 13 13-0705	EA	4"	90 Degree Elbow, Push-On Joint Ductile Iron.....	149.97	26.91
33 11 13 13-0706	EA	6"	90 Degree Elbow, Push-On Joint Ductile Iron.....	217.57	39.70
33 11 13 13-0707	EA	8"	90 Degree Elbow, Push-On Joint Ductile Iron.....	289.77	47.13
33 11 13 13-0708	EA	10"	90 Degree Elbow, Push-On Joint Ductile Iron.....	438.66	52.52
33 11 13 13-0710	EA	12"	90 Degree Elbow, Push-On Joint Ductile Iron.....	563.99	61.61
33 11 13 13-0711	EA	14"	90 Degree Elbow, Push-On Joint Ductile Iron.....	1,100.55	69.11
33 11 13 13-0712	EA	16"	90 Degree Elbow, Push-On Joint Ductile Iron.....	1,244.39	79.01

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 13-0713	EA			18" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,934.67 170.61 127.96	110.62
33 11 13 13-0714	EA			20" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,179.29 190.05 142.54	139.42
33 11 13 13-0715	EA			24" 90 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,721.22 237.27 177.95	174.29
33 11 13 13-0716 Push-On Joint Ductile Iron 45 Degree Elbow (33 11 13 13-0693)						
33 11 13 13-0717	EA			4" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	125.15 8.44 6.33	26.91
33 11 13 13-0718	EA			6" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	184.19 12.40 9.30	39.70
33 11 13 13-0719	EA			8" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	253.85 18.24 13.68	47.13
33 11 13 13-0720	EA			10" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	389.07 28.05 21.03	52.52
33 11 13 13-0721	EA			12" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	500.81 37.35 28.01	61.61
33 11 13 13-0722	EA			14" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	705.97 56.31 42.23	69.11
33 11 13 13-0723	EA			16" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,037.78 87.45 65.59	79.01
33 11 13 13-0724	EA			18" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,199.67 97.11 72.84	110.62
33 11 13 13-0725	EA			20" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,676.06 139.72 104.79	139.42
33 11 13 13-0726	EA			24" 45 Degree Elbow, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,080.27 173.18 129.88	174.29
33 11 13 13-0727 Push-On Joint Ductile Iron Tee (33 11 13 13-0693)						
33 11 13 13-0728	EA			4" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	229.01 16.88 12.66	39.70
33 11 13 13-0729	EA			6" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	319.43 23.10 17.33	58.34
33 11 13 13-0730	EA			8" Tee, Push-On Joint Ductile Iron For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	434.72 32.75 24.56	70.70

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 13-0731	EA	10" Tee, Push-On Joint Ductile Iron.....	635.06	79.81
		For Cement Mortar Lining (CML), Add	51.54	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.65	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0732	EA	12" Tee, Push-On Joint Ductile Iron.....	789.56	92.02
		For Cement Mortar Lining (CML), Add	64.99	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	48.74	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0733	EA	14" Tee, Push-On Joint Ductile Iron.....	1,263.86	110.62
		For Cement Mortar Lining (CML), Add	109.63	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	82.22	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0734	EA	16" Tee, Push-On Joint Ductile Iron.....	1,822.39	138.30
		For Cement Mortar Lining (CML), Add	161.29	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.97	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0735	EA	18" Tee, Push-On Joint Ductile Iron.....	2,292.75	184.51
		For Cement Mortar Lining (CML), Add	201.32	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.99	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0736	EA	20" Tee, Push-On Joint Ductile Iron.....	2,703.38	225.13
		For Cement Mortar Lining (CML), Add	236.23	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	177.17	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0737	EA	24" Tee, Push-On Joint Ductile Iron.....	3,538.02	281.40
		For Cement Mortar Lining (CML), Add	311.17	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	233.38	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0738		Flanged End x Push-On Joint Ductile Iron Adapters (33 11 13 13-0693)		
33 11 13 13-0739	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	404.21	93.35
		For Cement Mortar Lining (CML), Add	26.28	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.71	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0740	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	493.62	115.58
		For Cement Mortar Lining (CML), Add	31.85	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.89	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0741	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	662.16	134.81
		For Cement Mortar Lining (CML), Add	45.79	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.34	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0742	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	896.51	197.52
		For Cement Mortar Lining (CML), Add	59.72	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.79	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0743	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,098.52	225.78
		For Cement Mortar Lining (CML), Add	75.65	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	56.74	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0744	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,284.09	243.09
		For Cement Mortar Lining (CML), Add	91.58	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	68.68	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0745	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,553.67	263.36
		For Cement Mortar Lining (CML), Add	115.46	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	86.60	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0746	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,832.55	316.03
		For Cement Mortar Lining (CML), Add	135.37	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	101.53	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0747	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	2,144.55	351.15
		For Cement Mortar Lining (CML), Add	161.25	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	120.94	
		Note: ANSI/AWWA C151/A21.51		
33 11 13 13-0748	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,724.10	405.17
		For Cement Mortar Lining (CML), Add	211.02	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	158.27	
		Note: ANSI/AWWA C151/A21.51		

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

33 11 13 13-0749 Push-On Joint Ductile Iron Pipe And Fitting Restraints <small>(33 11 13 13-0693)</small>					
Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.					
33 11 13 13-0750	EA		4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	31.84	10.11
33 11 13 13-0751	EA		6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	35.43	10.11
33 11 13 13-0752	EA		8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	47.44	14.37
33 11 13 13-0753	EA		10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	57.08	15.80
33 11 13 13-0754	EA		12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	67.94	17.56
33 11 13 13-0755	EA		14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	85.84	19.71
33 11 13 13-0756	EA		16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	101.29	22.59
33 11 13 13-0757	EA		18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	117.05	26.34
33 11 13 13-0758	EA		20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	136.55	31.60
33 11 13 13-0759	EA		24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	161.89	31.60

33 11 13 13-0760 Push-On Joint Ductile Iron Bell Restraint Harness (Megalug 1700) <small>(33 11 13 13-0693)</small>					
33 11 13 13-0761	EA		4" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	156.79	53.87
33 11 13 13-0762	EA		6" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	205.07	65.76
33 11 13 13-0763	EA		8" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	262.65	80.20
33 11 13 13-0764	EA		10" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	388.72	97.84
33 11 13 13-0765	EA		12" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	481.54	119.31
33 11 13 13-0766	EA		14" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	611.52	145.56
33 11 13 13-0767	EA		16" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	930.03	177.65
33 11 13 13-0768	EA		18" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	1,060.52	216.67
33 11 13 13-0769	EA		20" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	1,432.14	264.40
33 11 13 13-0770	EA		24" Bell Restraint Harness, Ductile Iron (Megalug 1700).....	1,822.15	322.49

33 11 13 13-0771 Ductile Iron Pipe Repair <small>(33 11 13 13-0001)</small>					
See CSI section 33 11 13 13-0002 for mechanical joint fittings.					

33 11 13 13-0772 WEKO Seals <small>(33 11 13 13-0771)</small>					
Note: Internal joint seal.					
33 11 13 13-0773	EA		16" WEKO Internal Joint Seal.....	1,268.67	140.43
For Extra Wide Seals, Add				80.64	
33 11 13 13-0774	EA		18" WEKO Internal Joint Seal.....	1,351.53	148.29
For Extra Wide Seals, Add				81.24	
33 11 13 13-0775	EA		20" WEKO Internal Joint Seal.....	1,434.26	156.14
For Extra Wide Seals, Add				81.83	
33 11 13 13-0776	EA		24" WEKO Internal Joint Seal.....	1,519.71	168.63
For Extra Wide Seals, Add				82.78	

33 11 13 23 Plastic Public Water Utility Distribution Piping (33 11 13)

33 11 13 23-0001 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23)</small>					
Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.					

33 11 13 23-0002 AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>					
33 11 13 23-0003	LF		4" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	7.58	2.78
33 11 13 23-0004	LF		6" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	10.84	3.37
33 11 13 23-0005	LF		8" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	14.64	3.80
33 11 13 23-0006	LF		10" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	19.07	4.21
33 11 13 23-0007	LF		12" AWWA C900, DR 25, PR 100 Polyvinyl Chloride (PVC) Pipe	24.48	4.72

33 11 13 23-0008 AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>					
33 11 13 23-0009	LF		4" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	8.29	2.78
33 11 13 23-0010	LF		6" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	12.33	3.37
33 11 13 23-0011	LF		8" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	17.15	3.80
33 11 13 23-0012	LF		10" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	22.97	4.21
33 11 13 23-0013	LF		12" AWWA C900, DR 18, PR 150 Polyvinyl Chloride (PVC) Pipe	29.93	4.72

33 11 13 23-0014 AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>					
33 11 13 23-0015	LF		4" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	9.00	2.78
33 11 13 23-0016	LF		6" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	13.81	3.37
33 11 13 23-0017	LF		8" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	19.66	3.80
33 11 13 23-0018	LF		10" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	26.79	4.21
33 11 13 23-0019	LF		12" AWWA C900, DR 14, PR 200 Polyvinyl Chloride (PVC) Pipe	35.37	4.72

33 11 13 23-0020 AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>					
33 11 13 23-0021	LF		18" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	30.94	7.09
33 11 13 23-0022	LF		20" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	37.54	8.44
33 11 13 23-0023	LF		24" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	49.43	10.13
33 11 13 23-0024	LF		30" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	69.23	11.81
33 11 13 23-0025	LF		36" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	93.39	13.51
33 11 13 23-0026	LF		42" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	116.19	14.35
33 11 13 23-0027	LF		48" AWWA C905, DR 51, PR 80 Polyvinyl Chloride (PVC) Pipe	145.01	15.45

33 11 13 23-0028 AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>					
33 11 13 23-0029	LF		14" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	22.86	5.32
33 11 13 23-0030	LF		16" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	28.12	5.91
33 11 13 23-0031	LF		18" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	34.71	7.09

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0032	LF		20" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	42.44	8.44
33 11 13 23-0033	LF		24" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	56.99	10.13
33 11 13 23-0034	LF		30" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	80.08	11.81
33 11 13 23-0035	LF		36" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	107.90	13.51
33 11 13 23-0036	LF		42" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	140.33	14.35
33 11 13 23-0037	LF		48" AWWA C905, DR 41, PR 100 Polyvinyl Chloride (PVC) Pipe	176.34	15.45
33 11 13 23-0038			AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>		
33 11 13 23-0039	LF		14" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	25.77	5.32
33 11 13 23-0040	LF		16" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	32.15	5.91
33 11 13 23-0041	LF		18" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	39.72	7.09
33 11 13 23-0042	LF		20" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	48.94	8.44
33 11 13 23-0043	LF		24" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	66.32	10.13
33 11 13 23-0044	LF		30" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	94.09	11.81
33 11 13 23-0045	LF		36" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	128.36	13.51
33 11 13 23-0046	LF		42" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	164.57	14.35
33 11 13 23-0047	LF		48" AWWA C905, DR 32.5, PR 125 Polyvinyl Chloride (PVC) Pipe	207.97	15.45
33 11 13 23-0048			AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>		
33 11 13 23-0049	LF		14" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	30.73	5.32
33 11 13 23-0050	LF		16" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	38.05	5.91
33 11 13 23-0051	LF		18" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	47.31	7.09
33 11 13 23-0052	LF		20" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	58.11	8.44
33 11 13 23-0053	LF		24" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	79.54	10.13
33 11 13 23-0054	LF		30" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	114.84	11.81
33 11 13 23-0055	LF		36" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	160.27	13.51
33 11 13 23-0056	LF		42" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	211.36	14.35
33 11 13 23-0057	LF		48" AWWA C905, DR 25, PR 165 Polyvinyl Chloride (PVC) Pipe	270.75	15.45
33 11 13 23-0058			AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>		
33 11 13 23-0059	LF		14" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	34.46	5.32
33 11 13 23-0060	LF		16" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	42.90	5.91
33 11 13 23-0061	LF		18" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	53.43	7.09
33 11 13 23-0062	LF		20" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	65.74	8.44
33 11 13 23-0063	LF		24" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	90.51	10.13
33 11 13 23-0064	LF		30" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	131.71	11.81
33 11 13 23-0065	LF		36" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	184.92	13.51
33 11 13 23-0066	LF		42" AWWA C905, DR 21, PR 200 Polyvinyl Chloride (PVC) Pipe	245.15	14.35
33 11 13 23-0067			AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0001)</small>		
33 11 13 23-0068	LF		14" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	38.10	5.32
33 11 13 23-0069	LF		16" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	47.63	5.91
33 11 13 23-0070	LF		18" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	59.39	7.09
33 11 13 23-0071	LF		20" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	73.16	8.44
33 11 13 23-0072	LF		24" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	101.18	10.13
33 11 13 23-0073	LF		30" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	148.13	11.81
33 11 13 23-0074	LF		36" AWWA C905, DR 18, PR 235 Polyvinyl Chloride (PVC) Pipe	208.91	13.51
33 11 13 23-0075			AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) Fittings <small>(33 11 13 23)</small>		
			Note: Includes rubber gaskets.		
33 11 13 23-0076			90 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0077	EA		4" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	138.33	9.40
			For DR 25, Deduct	-7.17	
33 11 13 23-0078	EA		6" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	282.07	10.58
			For DR 25, Deduct	-15.65	
33 11 13 23-0079	EA		8" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	423.15	11.75
			For DR 25, Deduct	-23.98	
33 11 13 23-0080	EA		10" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	646.08	18.56
			For DR 25, Deduct	-36.54	
33 11 13 23-0081	EA		12" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	726.18	30.93
			For DR 25, Deduct	-39.86	
33 11 13 23-0082	EA		14" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,262.96	38.67
			For DR 25, Deduct	-71.14	
33 11 13 23-0083	EA		16" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,507.22	46.41
			For DR 25, Deduct	-84.86	
33 11 13 23-0084	EA		18" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,584.22	61.88
			For DR 25, Deduct	-147.63	
33 11 13 23-0085	EA		20" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,181.40	77.35
			For DR 25, Deduct	-181.60	
33 11 13 23-0086	EA		24" 90 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,278.21	104.42
			For DR 25, Deduct	-304.16	
33 11 13 23-0087			45 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0088	EA		4" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	122.72	9.40
			For DR 25, Deduct	-6.24	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 11	13 23	0089	EA 6" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	211.29	10.58
				<i>For DR 25, Deduct</i>	-11.41	
	33 11	13 23	0090	EA 8" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	267.53	11.75
				<i>For DR 25, Deduct</i>	-14.64	
	33 11	13 23	0091	EA 10" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	378.46	18.56
				<i>For DR 25, Deduct</i>	-20.48	
	33 11	13 23	0092	EA 12" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	506.74	30.93
				<i>For DR 25, Deduct</i>	-26.69	
	33 11	13 23	0093	EA 14" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	971.68	38.67
				<i>For DR 25, Deduct</i>	-53.66	
	33 11	13 23	0094	EA 16" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,231.26	46.41
				<i>For DR 25, Deduct</i>	-68.31	
	33 11	13 23	0095	EA 18" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,122.83	61.88
				<i>For DR 25, Deduct</i>	-119.94	
	33 11	13 23	0096	EA 20" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,636.70	77.35
				<i>For DR 25, Deduct</i>	-148.92	
	33 11	13 23	0097	EA 24" 45 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,720.34	104.42
				<i>For DR 25, Deduct</i>	-210.69	
33 11 13 23-0098 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>						
	33 11	13 23	0099	EA 4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	120.83	9.40
				<i>For DR 25, Deduct</i>	-6.12	
	33 11	13 23	0100	EA 6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	211.29	10.58
				<i>For DR 25, Deduct</i>	-11.41	
	33 11	13 23	0101	EA 8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	267.53	11.75
				<i>For DR 25, Deduct</i>	-14.64	
	33 11	13 23	0102	EA 10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	378.47	18.56
				<i>For DR 25, Deduct</i>	-20.48	
	33 11	13 23	0103	EA 12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	506.74	30.93
				<i>For DR 25, Deduct</i>	-26.69	
	33 11	13 23	0104	EA 14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	968.57	37.13
				<i>For DR 25, Deduct</i>	-53.66	
	33 11	13 23	0105	EA 16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,231.24	46.41
				<i>For DR 25, Deduct</i>	-68.31	
	33 11	13 23	0106	EA 18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,122.83	61.88
				<i>For DR 25, Deduct</i>	-119.94	
	33 11	13 23	0107	EA 20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,636.70	77.35
				<i>For DR 25, Deduct</i>	-148.92	
	33 11	13 23	0108	EA 24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,720.34	104.42
				<i>For DR 25, Deduct</i>	-210.69	
33 11 13 23-0109 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>						
	33 11	13 23	0110	EA 4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	106.85	9.40
				<i>For DR 25, Deduct</i>	-5.28	
	33 11	13 23	0111	EA 6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	211.29	10.58
				<i>For DR 25, Deduct</i>	-11.41	
	33 11	13 23	0112	EA 8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	267.53	11.75
				<i>For DR 25, Deduct</i>	-14.64	
	33 11	13 23	0113	EA 10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	378.47	18.56
				<i>For DR 25, Deduct</i>	-20.48	
	33 11	13 23	0114	EA 12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	506.74	30.93
				<i>For DR 25, Deduct</i>	-26.69	
	33 11	13 23	0115	EA 14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	968.57	37.13
				<i>For DR 25, Deduct</i>	-53.66	
	33 11	13 23	0116	EA 16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,231.24	46.41
				<i>For DR 25, Deduct</i>	-68.31	
	33 11	13 23	0117	EA 18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,122.83	61.88
				<i>For DR 25, Deduct</i>	-119.94	
	33 11	13 23	0118	EA 20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,636.70	77.35
				<i>For DR 25, Deduct</i>	-148.92	
	33 11	13 23	0119	EA 24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,720.34	104.42
				<i>For DR 25, Deduct</i>	-210.69	
33 11 13 23-0120 Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>						
	33 11	13 23	0121	EA 4" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	164.32	10.58
				<i>For DR 25, Deduct</i>	-8.59	
	33 11	13 23	0122	EA 6" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	316.21	11.75
				<i>For DR 25, Deduct</i>	-17.56	
	33 11	13 23	0123	EA 8" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	440.83	13.32
				<i>For DR 25, Deduct</i>	-24.85	
	33 11	13 23	0124	EA 10" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	908.10	23.21
				<i>For DR 25, Deduct</i>	-51.70	
	33 11	13 23	0125	EA 12" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	1,110.63	46.41
				<i>For DR 25, Deduct</i>	-61.07	
	33 11	13 23	0126	EA 14" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,002.64	58.01
				<i>For DR 25, Deduct</i>	-113.20	
	33 11	13 23	0127	EA 16" Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	2,480.18	69.62
				<i>For DR 25, Deduct</i>	-140.46	
	33 11	13 23	0128	EA 18" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,130.03	92.81
				<i>For DR 25, Deduct</i>	-176.66	
	33 11	13 23	0129	EA 20" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC).....	3,759.33	116.02
				<i>For DR 25, Deduct</i>	-211.64	

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 23-0130	EA	24" Tee, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,147.72	78.89
		<i>For DR 25, Deduct</i>	-299.40	
33 11 13 23-0131		Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0132	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	315.33	15.28
		<i>For DR 25, Deduct</i>	-17.09	
33 11 13 23-0133	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	428.34	16.46
		<i>For DR 25, Deduct</i>	-23.73	
33 11 13 23-0134	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	439.08	17.04
		<i>For DR 25, Deduct</i>	-24.30	
33 11 13 23-0135	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,348.66	23.21
		<i>For DR 25, Deduct</i>	-258.14	
33 11 13 23-0136	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	770.60	23.78
		<i>For DR 25, Deduct</i>	-43.38	
33 11 13 23-0137	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	824.23	24.36
		<i>For DR 25, Deduct</i>	-46.53	
33 11 13 23-0138	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	875.04	35.58
		<i>For DR 25, Deduct</i>	-48.23	
33 11 13 23-0139	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,003.88	36.16
		<i>For DR 25, Deduct</i>	-55.89	
33 11 13 23-0140	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,064.81	36.74
		<i>For DR 25, Deduct</i>	-59.48	
33 11 13 23-0141	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,085.21	40.22
		<i>For DR 25, Deduct</i>	-60.29	
33 11 13 23-0142	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,645.70	41.77
		<i>For DR 25, Deduct</i>	-93.73	
33 11 13 23-0143	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,711.77	42.34
		<i>For DR 25, Deduct</i>	-97.62	
33 11 13 23-0144	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,777.99	42.93
		<i>For DR 25, Deduct</i>	-101.53	
33 11 13 23-0145	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,849.63	46.41
		<i>For DR 25, Deduct</i>	-105.41	
33 11 13 23-0146	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,926.94	52.60
		<i>For DR 25, Deduct</i>	-109.31	
33 11 13 23-0147	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,053.64	51.05
		<i>For DR 25, Deduct</i>	-117.09	
33 11 13 23-0148	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,118.52	51.05
		<i>For DR 25, Deduct</i>	-120.99	
33 11 13 23-0149	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,184.60	51.63
		<i>For DR 25, Deduct</i>	-124.88	
33 11 13 23-0150	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,250.66	52.21
		<i>For DR 25, Deduct</i>	-128.77	
33 11 13 23-0151	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,334.88	61.88
		<i>For DR 25, Deduct</i>	-132.67	
33 11 13 23-0152	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,405.96	64.98
		<i>For DR 25, Deduct</i>	-136.56	
33 11 13 23-0153	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,538.40	66.52
		<i>For DR 25, Deduct</i>	-144.32	
33 11 13 23-0154	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,604.92	67.10
		<i>For DR 25, Deduct</i>	-148.24	
33 11 13 23-0155	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,670.97	67.68
		<i>For DR 25, Deduct</i>	-152.14	
33 11 13 23-0156	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,742.83	71.16
		<i>For DR 25, Deduct</i>	-156.03	
33 11 13 23-0157	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,820.07	77.35
		<i>For DR 25, Deduct</i>	-159.92	
33 11 13 23-0158	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,890.73	80.44
		<i>For DR 25, Deduct</i>	-163.79	
33 11 13 23-0159	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,980.59	85.08
		<i>For DR 25, Deduct</i>	-168.63	
33 11 13 23-0160	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,219.18	81.99
		<i>For DR 25, Deduct</i>	-183.31	
33 11 13 23-0161	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,331.15	82.57
		<i>For DR 25, Deduct</i>	-189.96	
33 11 13 23-0162	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,375.28	83.14
		<i>For DR 25, Deduct</i>	-192.54	
33 11 13 23-0163	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,425.26	86.63
		<i>For DR 25, Deduct</i>	-195.12	
33 11 13 23-0164	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,480.62	92.81
		<i>For DR 25, Deduct</i>	-197.70	
33 11 13 23-0165	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,556.47	95.91
		<i>For DR 25, Deduct</i>	-201.88	
33 11 13 23-0166	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,635.44	100.55
		<i>For DR 25, Deduct</i>	-206.06	
33 11 13 23-0167	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,697.38	108.29
		<i>For DR 25, Deduct</i>	-208.85	
33 11 13 23-0168	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,791.87	109.06
		<i>For DR 25, Deduct</i>	-214.43	
33 11 13 23-0169	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,839.53	109.64
		<i>For DR 25, Deduct</i>	-217.22	
33 11 13 23-0170	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,887.17	110.22
		<i>For DR 25, Deduct</i>	-220.00	
33 11 13 23-0171	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,083.16	113.70
		<i>For DR 25, Deduct</i>	-231.35	
33 11 13 23-0172	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,284.54	119.89
		<i>For DR 25, Deduct</i>	-242.69	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0173	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,479.76	122.98
		<i>For DR 25, Deduct</i>	-254.03	
33 11 13 23-0174	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,678.07	127.63
		<i>For DR 25, Deduct</i>	-265.37	
33 11 13 23-0175	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,882.57	135.35
		<i>For DR 25, Deduct</i>	-276.71	
33 11 13 23-0176	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,087.08	143.09
		<i>For DR 25, Deduct</i>	-288.05	
33 11 13 23-0177		Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0178	EA	4" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	228.51	18.80
		<i>For DR 25, Deduct</i>	-11.45	
33 11 13 23-0179	EA	6" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	408.69	21.15
		<i>For DR 25, Deduct</i>	-21.98	
33 11 13 23-0180	EA	8" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	565.01	23.50
		<i>For DR 25, Deduct</i>	-31.08	
33 11 13 23-0181	EA	10" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,150.92	37.13
		<i>For DR 25, Deduct</i>	-64.60	
33 11 13 23-0182	EA	12" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,365.34	46.41
		<i>For DR 25, Deduct</i>	-76.35	
33 11 13 23-0183	EA	14" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,482.16	61.88
		<i>For DR 25, Deduct</i>	-141.50	
33 11 13 23-0184	EA	16" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,080.41	77.35
		<i>For DR 25, Deduct</i>	-175.55	
33 11 13 23-0185	EA	18" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,928.55	123.76
		<i>For DR 25, Deduct</i>	-220.86	
33 11 13 23-0186	EA	20" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,718.57	154.69
		<i>For DR 25, Deduct</i>	-264.55	
33 11 13 23-0187	EA	24" Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,654.70	208.84
		<i>For DR 25, Deduct</i>	-374.22	
33 11 13 23-0188		Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0189	EA	6" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	396.21	19.98
		<i>For DR 25, Deduct</i>	-21.38	
33 11 13 23-0190	EA	8" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	537.21	21.15
		<i>For DR 25, Deduct</i>	-29.69	
33 11 13 23-0191	EA	8" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	551.02	22.32
		<i>For DR 25, Deduct</i>	-30.38	
33 11 13 23-0192	EA	10" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	825.31	27.85
		<i>For DR 25, Deduct</i>	-46.18	
33 11 13 23-0193	EA	10" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	961.91	29.00
		<i>For DR 25, Deduct</i>	-54.23	
33 11 13 23-0194	EA	10" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,056.48	30.16
		<i>For DR 25, Deduct</i>	-59.77	
33 11 13 23-0195	EA	12" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,085.62	40.22
		<i>For DR 25, Deduct</i>	-60.31	
33 11 13 23-0196	EA	12" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,247.16	41.38
		<i>For DR 25, Deduct</i>	-69.86	
33 11 13 23-0197	EA	12" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,324.20	42.54
		<i>For DR 25, Deduct</i>	-74.35	
33 11 13 23-0198	EA	12" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,354.87	49.50
		<i>For DR 25, Deduct</i>	-75.35	
33 11 13 23-0199	EA	14" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,045.51	46.41
		<i>For DR 25, Deduct</i>	-117.16	
33 11 13 23-0200	EA	14" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,128.72	47.57
		<i>For DR 25, Deduct</i>	-122.01	
33 11 13 23-0201	EA	14" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,212.81	48.73
		<i>For DR 25, Deduct</i>	-126.92	
33 11 13 23-0202	EA	14" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,308.17	55.69
		<i>For DR 25, Deduct</i>	-131.81	
33 11 13 23-0203	EA	14" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,413.73	68.06
		<i>For DR 25, Deduct</i>	-136.66	
33 11 13 23-0204	EA	16" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,550.43	55.69
		<i>For DR 25, Deduct</i>	-146.34	
33 11 13 23-0205	EA	16" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,634.72	56.85
		<i>For DR 25, Deduct</i>	-151.26	
33 11 13 23-0206	EA	16" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,718.12	58.01
		<i>For DR 25, Deduct</i>	-156.13	
33 11 13 23-0207	EA	16" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,813.40	64.98
		<i>For DR 25, Deduct</i>	-161.01	
33 11 13 23-0208	EA	16" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,861.19	77.35
		<i>For DR 25, Deduct</i>	-162.39	
33 11 13 23-0209	EA	16" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,012.34	83.53
		<i>For DR 25, Deduct</i>	-170.72	
33 11 13 23-0210	EA	18" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,149.43	71.16
		<i>For DR 25, Deduct</i>	-180.43	
33 11 13 23-0211	EA	18" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,233.52	72.32
		<i>For DR 25, Deduct</i>	-185.33	
33 11 13 23-0212	EA	18" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,317.05	73.48
		<i>For DR 25, Deduct</i>	-190.21	
33 11 13 23-0213	EA	18" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,411.12	80.44
		<i>For DR 25, Deduct</i>	-195.01	
33 11 13 23-0214	EA	18" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,517.65	92.81
		<i>For DR 25, Deduct</i>	-199.92	

33 Utilities**33 10 Water Utilities****33 11 Water Utility Distribution Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 11 13 23-0215	EA	18" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,610.83	99.01
		<i>For DR 25, Deduct</i>	-204.77	
33 11 13 23-0216	EA	18" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,729.98	108.29
		<i>For DR 25, Deduct</i>	-210.80	
33 11 13 23-0217	EA	20" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,992.66	86.63
		<i>For DR 25, Deduct</i>	-229.16	
33 11 13 23-0218	EA	20" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,133.26	87.79
		<i>For DR 25, Deduct</i>	-237.46	
33 11 13 23-0219	EA	20" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,189.68	88.95
		<i>For DR 25, Deduct</i>	-240.71	
33 11 13 23-0220	EA	20" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,257.13	95.91
		<i>For DR 25, Deduct</i>	-243.92	
33 11 13 23-0221	EA	20" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,335.41	108.29
		<i>For DR 25, Deduct</i>	-247.13	
33 11 13 23-0222	EA	20" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,434.28	114.47
		<i>For DR 25, Deduct</i>	-252.32	
33 11 13 23-0223	EA	20" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,541.07	123.76
		<i>For DR 25, Deduct</i>	-257.61	
33 11 13 23-0224	EA	20" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,629.93	139.22
		<i>For DR 25, Deduct</i>	-261.09	
33 11 13 23-0225	EA	24" x 4" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,668.80	113.70
		<i>For DR 25, Deduct</i>	-266.48	
33 11 13 23-0226	EA	24" x 6" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,755.31	114.86
		<i>For DR 25, Deduct</i>	-271.54	
33 11 13 23-0227	EA	24" x 8" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	4,815.98	116.02
		<i>For DR 25, Deduct</i>	-275.04	
33 11 13 23-0228	EA	24" x 10" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,065.91	122.98
		<i>For DR 25, Deduct</i>	-289.20	
33 11 13 23-0229	EA	24" x 12" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,326.75	135.35
		<i>For DR 25, Deduct</i>	-303.36	
33 11 13 23-0230	EA	24" x 14" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,575.18	141.55
		<i>For DR 25, Deduct</i>	-317.53	
33 11 13 23-0231	EA	24" x 16" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	5,830.80	150.82
		<i>For DR 25, Deduct</i>	-331.75	
33 11 13 23-0232	EA	24" x 18" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,097.28	166.30
		<i>For DR 25, Deduct</i>	-345.88	
33 11 13 23-0233	EA	24" x 20" Reducing Cross, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	6,364.77	181.77
		<i>For DR 25, Deduct</i>	-360.07	
33 11 13 23-0234		Couplings, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0235	EA	4" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	83.17	9.40
		<i>For DR 25, Deduct</i>	-3.86	
33 11 13 23-0236	EA	6" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	154.02	10.58
		<i>For DR 25, Deduct</i>	-7.97	
33 11 13 23-0237	EA	8" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	185.26	11.75
		<i>For DR 25, Deduct</i>	-9.71	
33 11 13 23-0238	EA	10" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	263.39	18.56
		<i>For DR 25, Deduct</i>	-13.58	
33 11 13 23-0239	EA	12" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	418.19	23.21
		<i>For DR 25, Deduct</i>	-22.31	
33 11 13 23-0240	EA	14" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	724.36	30.93
		<i>For DR 25, Deduct</i>	-39.75	
33 11 13 23-0241	EA	16" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	858.34	38.67
		<i>For DR 25, Deduct</i>	-46.86	
33 11 13 23-0242	EA	18" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,051.03	61.88
		<i>For DR 25, Deduct</i>	-115.64	
33 11 13 23-0243	EA	20" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,300.33	77.35
		<i>For DR 25, Deduct</i>	-128.74	
33 11 13 23-0244	EA	24" Coupling, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,238.37	104.42
		<i>For DR 25, Deduct</i>	-181.77	
33 11 13 23-0245		Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0075)</small>		
33 11 13 23-0246	EA	4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	102.78	9.40
		<i>For DR 25, Deduct</i>	-5.04	
33 11 13 23-0247	EA	6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	139.31	10.58
		<i>For DR 25, Deduct</i>	-7.09	
33 11 13 23-0248	EA	8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	202.01	11.75
		<i>For DR 25, Deduct</i>	-10.71	
33 11 13 23-0249	EA	10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	276.46	18.56
		<i>For DR 25, Deduct</i>	-14.36	
33 11 13 23-0250	EA	12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	443.18	30.93
		<i>For DR 25, Deduct</i>	-22.88	
33 11 13 23-0251	EA	14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,170.72	37.13
		<i>For DR 25, Deduct</i>	-65.79	
33 11 13 23-0252	EA	16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,584.26	46.41
		<i>For DR 25, Deduct</i>	-89.49	
33 11 13 23-0253	EA	18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	1,952.63	61.88
		<i>For DR 25, Deduct</i>	-109.73	
33 11 13 23-0254	EA	20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	2,333.28	77.35
		<i>For DR 25, Deduct</i>	-130.72	
33 11 13 23-0255	EA	24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PR 150 Polyvinyl Chloride (PVC)	3,169.62	104.42
		<i>For DR 25, Deduct</i>	-177.65	

33 11 13 23-0256	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping <small>(33 11 13 23)</small>		
33 11 13 23-0257	Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe <small>(33 11 13 23-0256)</small>		
33 11 13 23-0258	LF 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.72 -0.09 0.02	0.63
33 11 13 23-0259	LF 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.88 -0.09 0.03	0.68
33 11 13 23-0260	LF 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.15 -0.11 0.05	0.74
33 11 13 23-0261	LF 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.45 -0.12 0.06	0.82
33 11 13 23-0262	LF 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	3.06 -0.15 0.12	0.91
33 11 13 23-0263	LF 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	3.82 -0.19 0.19	1.03
33 11 13 23-0264	LF 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	4.64 -0.23 0.25	1.18
33 11 13 23-0265	LF 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	6.40 -0.32 0.42	1.45
33 11 13 23-0266	LF 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	10.65 -0.53 0.90	1.85
33 11 13 23-0267	LF 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	16.40 -0.82 1.53	2.47
33 11 13 23-0268	LF 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	24.17 -1.21 2.38	3.31
33 11 13 23-0269	LF 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe For >1,000, Deduct For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	33.53 -1.68 3.36	4.45
33 11 13 23-0270	90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0256)</small>		
33 11 13 23-0271	EA 3/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	18.97	7.52
33 11 13 23-0272	EA 1" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	23.92	9.40
33 11 13 23-0273	EA 1-1/4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	30.05	11.75
33 11 13 23-0274	EA 1-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	41.34	13.00
33 11 13 23-0275	EA 2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	45.09	14.57
33 11 13 23-0276	EA 2-1/2" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	52.83	16.53
33 11 13 23-0277	EA 3" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	60.11	18.91
33 11 13 23-0278	EA 4" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	80.90	23.23
33 11 13 23-0279	EA 6" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	113.14	29.50
33 11 13 23-0280	EA 8" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	175.45	38.73
33 11 13 23-0281	EA 10" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	219.32	51.82
33 11 13 23-0282	EA 12" 90 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	290.98	69.75
33 11 13 23-0283	45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0256)</small>		
33 11 13 23-0284	EA 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	19.20	7.52
33 11 13 23-0285	EA 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	24.09	9.40
33 11 13 23-0286	EA 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	30.15	11.75
33 11 13 23-0287	EA 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	38.26	13.00
33 11 13 23-0288	EA 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	45.38	14.57
33 11 13 23-0289	EA 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	54.00	16.53
33 11 13 23-0290	EA 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	59.62	18.91
33 11 13 23-0291	EA 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	79.84	23.23
33 11 13 23-0292	EA 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	111.00	29.50
33 11 13 23-0293	EA 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	171.36	38.73
33 11 13 23-0294	EA 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	202.39	51.82
33 11 13 23-0295	EA 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	267.55	69.75
33 11 13 23-0296	Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0256)</small>		
33 11 13 23-0297	EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	28.44	11.28
33 11 13 23-0298	EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	35.83	14.18
33 11 13 23-0299	EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	44.86	17.71
33 11 13 23-0300	EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	58.21	19.58
33 11 13 23-0301	EA 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	65.89	21.78
33 11 13 23-0302	EA 2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	76.23	24.83
33 11 13 23-0303	EA 3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	91.49	28.29
33 11 13 23-0304	EA 4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	118.20	34.87
33 11 13 23-0305	EA 6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	184.51	44.32
33 11 13 23-0306	EA 8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	269.47	58.10
33 11 13 23-0307	EA 10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	323.93	79.43
33 11 13 23-0308	EA 12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	411.15	106.89

33 Utilities
33 10 Water Utilities
33 11 Water Utility Distribution Piping

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

33 11 13 23-0309 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) <small>(33 11 13 23-0256)</small>					
33 11 13 23-0310	EA		3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	12.69	5.01
33 11 13 23-0311	EA		1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	17.09	6.74
33 11 13 23-0312	EA		1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	22.70	8.85
33 11 13 23-0313	EA		1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	29.59	9.80
33 11 13 23-0314	EA		2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	32.73	10.89
33 11 13 23-0315	EA		2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	37.24	12.38
33 11 13 23-0316	EA		3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	43.16	14.15
33 11 13 23-0317	EA		4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	57.55	17.40
33 11 13 23-0318	EA		6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	79.94	22.17
33 11 13 23-0319	EA		8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	128.58	29.04
33 11 13 23-0320	EA		10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	155.32	39.76
33 11 13 23-0321	EA		12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	200.21	53.45

33 11 13 23-0322 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings (33 11 13 23)

33 11 13 23-0323 Schedule 40 Polyvinyl Chloride (PVC) Pipe <small>(33 11 13 23-0322)</small>					
33 11 13 23-0324	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....1.84		0.63
			<i>For >1,000, Deduct</i>	-0.09	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.04	
33 11 13 23-0325	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....2.10		0.68
			<i>For >1,000, Deduct</i>	-0.11	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.06	
33 11 13 23-0326	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....2.66		0.82
			<i>For >1,000, Deduct</i>	-0.13	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.09	
33 11 13 23-0327	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....3.14		0.91
			<i>For >1,000, Deduct</i>	-0.16	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.13	
33 11 13 23-0328	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....3.95		1.03
			<i>For >1,000, Deduct</i>	-0.20	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.21	
33 11 13 23-0329	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....4.72		1.18
			<i>For >1,000, Deduct</i>	-0.24	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.27	
33 11 13 23-0330	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....6.18		1.45
			<i>For >1,000, Deduct</i>	-0.31	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.38	
33 11 13 23-0331	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....9.07		1.85
			<i>For >1,000, Deduct</i>	-0.45	
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.67	

33 11 13 23-0332 90 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0322)

33 11 13 23-0333	EA		3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	19.05	7.52
33 11 13 23-0334	EA		1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	23.97	9.40
33 11 13 23-0335	EA		1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	33.28	13.00
33 11 13 23-0336	EA		2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	37.43	14.57
33 11 13 23-0337	EA		2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	44.22	16.53
33 11 13 23-0338	EA		3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	50.69	18.91
33 11 13 23-0339	EA		4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	65.14	23.23
33 11 13 23-0340	EA		6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	96.26	29.50

33 11 13 23-0341 45 Degree Elbows, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0322)

33 11 13 23-0342	EA		3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	19.03	7.52
33 11 13 23-0343	EA		1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	23.95	9.40
33 11 13 23-0344	EA		1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	33.28	13.00
33 11 13 23-0345	EA		2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	37.35	14.57
33 11 13 23-0346	EA		2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	44.00	16.53
33 11 13 23-0347	EA		3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	50.44	18.91
33 11 13 23-0348	EA		4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	64.62	23.23
33 11 13 23-0349	EA		6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	94.60	29.50

33 11 13 23-0350 Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0322)

33 11 13 23-0351	EA		3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	28.53	11.28
33 11 13 23-0352	EA		1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	35.90	14.18
33 11 13 23-0353	EA		1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	49.80	19.58
33 11 13 23-0354	EA		2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	55.86	21.78
33 11 13 23-0355	EA		2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	66.46	24.83
33 11 13 23-0356	EA		3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	77.11	28.29
33 11 13 23-0357	EA		4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	95.58	34.87
33 11 13 23-0358	EA		6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	145.98	44.32

33 11 13 23-0359 Couplings, Schedule 40 Polyvinyl Chloride (PVC) (33 11 13 23-0322)

33 11 13 23-0360	EA		3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	12.73	5.01
33 11 13 23-0361	EA		1" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	17.13	6.74
33 11 13 23-0362	EA		1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	24.84	9.80
33 11 13 23-0363	EA		2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	27.92	10.89
33 11 13 23-0364	EA		2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	32.46	12.38
33 11 13 23-0365	EA		3" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	37.63	14.15
33 11 13 23-0366	EA		4" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	46.52	17.40

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 23-0423	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Cross	106.21	37.75
33 11 13 23-0424	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Cross	129.88	46.44
33 11 13 23-0425	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Cross	194.34	59.08
33 11 13 23-0426	AWWA C906, High Density Polyethylene (HDPE) Pressure Piping ^(33 11 13 23)				
Note: ASTM D3350 pipe, ASTM D2657 heat fusion.					
33 11 13 23-0427	High Density Polyethylene (HDPE) Pressure Pipe ^(33 11 13 23-0426)				
33 11 13 23-0428	LF		3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	5.29	2.19
			<i>For DR 19 (89 PSI), Add</i>	0.08	
			<i>For DR 17 (100 PSI), Add</i>	0.19	
			<i>For DR 15.5 (110 PSI), Add</i>	0.28	
			<i>For DR 13.5 (128 PSI), Add</i>	0.44	
			<i>For DR 11 (160 PSI), Add</i>	0.70	
33 11 13 23-0429	LF		4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	7.64	2.78
			<i>For DR 26 (65 PSI), Deduct</i>	-0.38	
			<i>For DR 19 (89 PSI), Add</i>	0.19	
			<i>For DR 17 (100 PSI), Add</i>	0.46	
			<i>For DR 15.5 (110 PSI), Add</i>	0.67	
			<i>For DR 13.5 (128 PSI), Add</i>	1.05	
			<i>For DR 11 (160 PSI), Add</i>	1.69	
33 11 13 23-0430	LF		6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	11.23	3.37
			<i>For DR 26 (65 PSI), Deduct</i>	-0.82	
			<i>For DR 19 (89 PSI), Add</i>	0.40	
			<i>For DR 17 (100 PSI), Add</i>	1.00	
			<i>For DR 15.5 (110 PSI), Add</i>	1.46	
			<i>For DR 13.5 (128 PSI), Add</i>	2.28	
			<i>For DR 11 (160 PSI), Add</i>	3.66	
33 11 13 23-0431	LF		8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	15.20	3.80
			<i>For DR 26 (65 PSI), Deduct</i>	-1.39	
			<i>For DR 19 (89 PSI), Add</i>	0.68	
			<i>For DR 17 (100 PSI), Add</i>	1.69	
			<i>For DR 15.5 (110 PSI), Add</i>	2.47	
			<i>For DR 13.5 (128 PSI), Add</i>	3.86	
			<i>For DR 11 (160 PSI), Add</i>	6.21	
33 11 13 23-0432	LF		10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	20.26	4.21
			<i>For DR 26 (65 PSI), Deduct</i>	-2.17	
			<i>For DR 19 (89 PSI), Add</i>	1.06	
			<i>For DR 17 (100 PSI), Add</i>	2.63	
			<i>For DR 15.5 (110 PSI), Add</i>	3.85	
			<i>For DR 13.5 (128 PSI), Add</i>	6.00	
			<i>For DR 11 (160 PSI), Add</i>	9.66	
33 11 13 23-0433	LF		12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	26.40	47.26
			<i>For DR 26 (65 PSI), Deduct</i>	-3.12	
			<i>For DR 19 (89 PSI), Add</i>	1.53	
			<i>For DR 17 (100 PSI), Add</i>	3.79	
			<i>For DR 15.5 (110 PSI), Add</i>	5.54	
			<i>For DR 13.5 (128 PSI), Add</i>	8.65	
			<i>For DR 11 (160 PSI), Add</i>	13.93	
33 11 13 23-0434	LF		14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	30.58	5.32
			<i>For DR 26 (65 PSI), Deduct</i>	-3.67	
			<i>For DR 19 (89 PSI), Add</i>	1.80	
			<i>For DR 17 (100 PSI), Add</i>	4.45	
			<i>For DR 15.5 (110 PSI), Add</i>	6.52	
			<i>For DR 13.5 (128 PSI), Add</i>	10.17	
			<i>For DR 11 (160 PSI), Add</i>	16.37	
33 11 13 23-0435	LF		16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	37.98	5.91
			<i>For DR 26 (65 PSI), Deduct</i>	-4.80	
			<i>For DR 19 (89 PSI), Add</i>	2.36	
			<i>For DR 17 (100 PSI), Add</i>	5.81	
			<i>For DR 15.5 (110 PSI), Add</i>	8.52	
			<i>For DR 13.5 (128 PSI), Add</i>	13.29	
			<i>For DR 11 (160 PSI), Add</i>	21.39	
33 11 13 23-0436	LF		18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	47.29	7.09
			<i>For DR 26 (65 PSI), Deduct</i>	-6.06	
			<i>For DR 19 (89 PSI), Add</i>	2.98	
			<i>For DR 17 (100 PSI), Add</i>	7.35	
			<i>For DR 15.5 (110 PSI), Add</i>	10.76	
			<i>For DR 13.5 (128 PSI), Add</i>	16.80	
			<i>For DR 11 (160 PSI), Add</i>	27.03	
33 11 13 23-0437	LF		20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	44.52	8.44
			<i>For DR 26 (65 PSI), Deduct</i>	-5.07	
			<i>For DR 19 (89 PSI), Add</i>	2.49	
			<i>For DR 17 (100 PSI), Add</i>	6.14	
			<i>For DR 15.5 (110 PSI), Add</i>	8.99	
			<i>For DR 13.5 (128 PSI), Add</i>	14.04	
			<i>For DR 11 (160 PSI), Add</i>	22.60	
33 11 13 23-0438	LF		24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	79.09	10.13
			<i>For DR 26 (65 PSI), Deduct</i>	-10.79	
			<i>For DR 19 (89 PSI), Add</i>	5.30	
			<i>For DR 17 (100 PSI), Add</i>	13.07	
			<i>For DR 15.5 (110 PSI), Add</i>	19.15	
			<i>For DR 13.5 (128 PSI), Add</i>	29.88	
			<i>For DR 11 (160 PSI), Add</i>	48.10	
33 11 13 23-0439	90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping ^(33 11 13 23-0426)				

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 11 13 23-0440	EA	3° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	52.57	11.75
		For DR 26 (65 PSI), Deduct	-3.17	
		For DR 19 (89 PSI), Add	1.56	
		For DR 17 (100 PSI), Add	3.85	
		For DR 15.5 (110 PSI), Add	5.63	
		For DR 13.5 (128 PSI), Add	8.79	
		For DR 11 (160 PSI), Add	14.15	
33 11 13 23-0441	EA	4° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	59.79	13.07
		For DR 26 (65 PSI), Deduct	-3.78	
		For DR 19 (89 PSI), Add	1.86	
		For DR 17 (100 PSI), Add	4.58	
		For DR 15.5 (110 PSI), Add	6.71	
		For DR 13.5 (128 PSI), Add	10.47	
		For DR 11 (160 PSI), Add	16.86	
33 11 13 23-0442	EA	6° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	99.60	14.93
		For DR 26 (65 PSI), Deduct	-10.06	
		For DR 19 (89 PSI), Add	4.94	
		For DR 17 (100 PSI), Add	12.19	
		For DR 15.5 (110 PSI), Add	17.85	
		For DR 13.5 (128 PSI), Add	27.86	
		For DR 11 (160 PSI), Add	44.85	
33 11 13 23-0443	EA	8° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	166.93	17.43
		For DR 26 (65 PSI), Deduct	-21.02	
		For DR 19 (89 PSI), Add	10.32	
		For DR 17 (100 PSI), Add	25.48	
		For DR 15.5 (110 PSI), Add	37.32	
		For DR 13.5 (128 PSI), Add	58.25	
		For DR 11 (160 PSI), Add	93.75	
33 11 13 23-0444	EA	10° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	261.05	23.27
		For DR 26 (65 PSI), Deduct	-35.08	
		For DR 19 (89 PSI), Add	17.23	
		For DR 17 (100 PSI), Add	42.53	
		For DR 15.5 (110 PSI), Add	62.28	
		For DR 13.5 (128 PSI), Add	97.21	
		For DR 11 (160 PSI), Add	156.47	
33 11 13 23-0445	EA	12° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	384.71	34.82
		For DR 26 (65 PSI), Deduct	-51.38	
		For DR 19 (89 PSI), Add	25.23	
		For DR 17 (100 PSI), Add	62.28	
		For DR 15.5 (110 PSI), Add	91.20	
		For DR 13.5 (128 PSI), Add	142.35	
		For DR 11 (160 PSI), Add	229.13	
33 11 13 23-0446	EA	14° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	473.47	46.47
		For DR 26 (65 PSI), Deduct	-61.24	
		For DR 19 (89 PSI), Add	30.07	
		For DR 17 (100 PSI), Add	74.24	
		For DR 15.5 (110 PSI), Add	108.72	
		For DR 13.5 (128 PSI), Add	169.70	
		For DR 11 (160 PSI), Add	273.14	
33 11 13 23-0447	EA	16° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	608.98	69.65
		For DR 26 (65 PSI), Deduct	-73.34	
		For DR 19 (89 PSI), Add	36.01	
		For DR 17 (100 PSI), Add	88.91	
		For DR 15.5 (110 PSI), Add	130.20	
		For DR 13.5 (128 PSI), Add	203.22	
		For DR 11 (160 PSI), Add	327.10	
33 11 13 23-0448	EA	18° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	779.55	78.35
		For DR 26 (65 PSI), Deduct	-99.81	
		For DR 19 (89 PSI), Add	49.01	
		For DR 17 (100 PSI), Add	120.99	
		For DR 15.5 (110 PSI), Add	177.18	
		For DR 13.5 (128 PSI), Add	276.55	
		For DR 11 (160 PSI), Add	445.13	
33 11 13 23-0449	EA	20° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,088.31	88.92
		For DR 26 (65 PSI), Deduct	-150.09	
		For DR 19 (89 PSI), Add	73.69	
		For DR 17 (100 PSI), Add	181.94	
		For DR 15.5 (110 PSI), Add	266.44	
		For DR 13.5 (128 PSI), Add	415.87	
		For DR 11 (160 PSI), Add	669.38	
33 11 13 23-0450	EA	24° 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,406.51	104.51
		For DR 26 (65 PSI), Deduct	-200.37	
		For DR 19 (89 PSI), Add	98.38	
		For DR 17 (100 PSI), Add	242.89	
		For DR 15.5 (110 PSI), Add	355.70	
		For DR 13.5 (128 PSI), Add	555.20	
		For DR 11 (160 PSI), Add	893.63	
33 11 13 23-0451		Tees, High Density Polyethylene (HDPE) Pressure Piping <small>(33 11 13 23-0426)</small>		
33 11 13 23-0452	EA	3° Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	59.47	12.30
		For DR 26 (65 PSI), Deduct	-4.15	
		For DR 19 (89 PSI), Add	2.04	
		For DR 17 (100 PSI), Add	5.03	
		For DR 15.5 (110 PSI), Add	7.37	
		For DR 13.5 (128 PSI), Add	11.50	
		For DR 11 (160 PSI), Add	18.51	

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 11 13 23-0453	EA	4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	68.42	13.93
		<i>For DR 26 (65 PSI), Deduct</i>	-4.88	
		<i>For DR 19 (89 PSI), Add</i>	2.40	
		<i>For DR 17 (100 PSI), Add</i>	5.92	
		<i>For DR 15.5 (110 PSI), Add</i>	8.67	
		<i>For DR 13.5 (128 PSI), Add</i>	13.54	
		<i>For DR 11 (160 PSI), Add</i>	21.79	
33 11 13 23-0454	EA	6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	117.85	16.08
		<i>For DR 26 (65 PSI), Deduct</i>	-12.77	
		<i>For DR 19 (89 PSI), Add</i>	6.27	
		<i>For DR 17 (100 PSI), Add</i>	15.48	
		<i>For DR 15.5 (110 PSI), Add</i>	22.67	
		<i>For DR 13.5 (128 PSI), Add</i>	35.38	
		<i>For DR 11 (160 PSI), Add</i>	56.95	
33 11 13 23-0455	EA	8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	233.68	19.00
		<i>For DR 26 (65 PSI), Deduct</i>	-32.39	
		<i>For DR 19 (89 PSI), Add</i>	15.90	
		<i>For DR 17 (100 PSI), Add</i>	39.27	
		<i>For DR 15.5 (110 PSI), Add</i>	57.50	
		<i>For DR 13.5 (128 PSI), Add</i>	89.76	
		<i>For DR 11 (160 PSI), Add</i>	144.47	
33 11 13 23-0456	EA	10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	316.40	27.89
		<i>For DR 26 (65 PSI), Deduct</i>	-42.68	
		<i>For DR 19 (89 PSI), Add</i>	20.95	
		<i>For DR 17 (100 PSI), Add</i>	51.73	
		<i>For DR 15.5 (110 PSI), Add</i>	75.76	
		<i>For DR 13.5 (128 PSI), Add</i>	118.25	
		<i>For DR 11 (160 PSI), Add</i>	190.33	
33 11 13 23-0457	EA	12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	443.28	41.84
		<i>For DR 26 (65 PSI), Deduct</i>	-58.27	
		<i>For DR 19 (89 PSI), Add</i>	28.61	
		<i>For DR 17 (100 PSI), Add</i>	70.64	
		<i>For DR 15.5 (110 PSI), Add</i>	103.44	
		<i>For DR 13.5 (128 PSI), Add</i>	161.46	
		<i>For DR 11 (160 PSI), Add</i>	259.88	
33 11 13 23-0458	EA	14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	530.69	52.26
		<i>For DR 26 (65 PSI), Deduct</i>	-68.55	
		<i>For DR 19 (89 PSI), Add</i>	33.66	
		<i>For DR 17 (100 PSI), Add</i>	83.10	
		<i>For DR 15.5 (110 PSI), Add</i>	121.70	
		<i>For DR 13.5 (128 PSI), Add</i>	189.95	
		<i>For DR 11 (160 PSI), Add</i>	305.75	
33 11 13 23-0459	EA	16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	679.27	78.35
		<i>For DR 26 (65 PSI), Deduct</i>	-81.41	
		<i>For DR 19 (89 PSI), Add</i>	39.97	
		<i>For DR 17 (100 PSI), Add</i>	98.68	
		<i>For DR 15.5 (110 PSI), Add</i>	144.52	
		<i>For DR 13.5 (128 PSI), Add</i>	225.57	
		<i>For DR 11 (160 PSI), Add</i>	363.07	
33 11 13 23-0460	EA	18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	890.87	91.27
		<i>For DR 26 (65 PSI), Deduct</i>	-113.11	
		<i>For DR 19 (89 PSI), Add</i>	55.54	
		<i>For DR 17 (100 PSI), Add</i>	137.12	
		<i>For DR 15.5 (110 PSI), Add</i>	200.80	
		<i>For DR 13.5 (128 PSI), Add</i>	313.43	
		<i>For DR 11 (160 PSI), Add</i>	504.48	
33 11 13 23-0461	EA	20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,278.40	107.81
		<i>For DR 26 (65 PSI), Deduct</i>	-174.38	
		<i>For DR 19 (89 PSI), Add</i>	85.62	
		<i>For DR 17 (100 PSI), Add</i>	211.39	
		<i>For DR 15.5 (110 PSI), Add</i>	309.57	
		<i>For DR 13.5 (128 PSI), Add</i>	483.20	
		<i>For DR 11 (160 PSI), Add</i>	777.74	
33 11 13 23-0462	EA	24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping	1,677.35	130.68
		<i>For DR 26 (65 PSI), Deduct</i>	-235.65	
		<i>For DR 19 (89 PSI), Add</i>	115.71	
		<i>For DR 17 (100 PSI), Add</i>	285.66	
		<i>For DR 15.5 (110 PSI), Add</i>	418.34	
		<i>For DR 13.5 (128 PSI), Add</i>	652.97	
		<i>For DR 11 (160 PSI), Add</i>	1,050.99	

33 11 13 26 Galvanized Steel Public Water Utility Distribution Piping (33 11 13)

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 11 13 36 Steel Public Water Utility Distribution Piping (33 11 13)

33 11 13 36-0001 Steel Piping (33 11 13 36)

33 11 13 36-0002 Welded, Plain End, Uncoated Steel Piping (33 11 13 36-0001)
Note: ASTM A252 steel pipe.

33 11 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping (33 11 13 36-0002)

33 11 13 36-0004	LF	8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	43.62	20.22
		<i>For >1,000, Deduct</i>	-2.18	
33 11 13 36-0005	LF	8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	47.76	20.22
		<i>For >1,000, Deduct</i>	-2.39	
33 11 13 36-0006	LF	10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	49.69	22.06
		<i>For >1,000, Deduct</i>	-2.48	
33 11 13 36-0007	LF	10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe	54.92	22.06
		<i>For >1,000, Deduct</i>	-2.75	

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

33 11 13 36-0008	LF		12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	56.15 -2.81	23.11
33 11 13 36-0009	LF		12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	60.21 -3.01	23.11
33 11 13 36-0010	LF		14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	85.64 -4.28	25.55
33 11 13 36-0011	LF		14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	68.55 -3.43	25.55
33 11 13 36-0012	LF		16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	69.14 -3.46	26.96
33 11 13 36-0013	LF		16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	71.65 -3.58	26.96
33 11 13 36-0014	LF		18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	82.25 -4.11	30.33
33 11 13 36-0015	LF		20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	86.37 -4.32	30.33

33 11 13 36-0016 5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping (33 11 13 36-0002)

33 11 13 36-0017	LF		12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	70.59 -3.53	37.86
33 11 13 36-0018	LF		14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	81.46 -4.07	41.64
33 11 13 36-0019	LF		16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	88.75 -4.44	43.53
33 11 13 36-0020	LF		18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	100.01 -5.00	49.21
33 11 13 36-0021	LF		18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	102.80 -5.14	49.21
33 11 13 36-0022	LF		20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	105.38 -5.27	49.21
33 11 13 36-0023	LF		20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	108.35 -5.42	49.21
33 11 13 36-0024	LF		24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	124.99 -6.25	56.78
33 11 13 36-0025	LF		24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	134.19 -6.71	56.78
33 11 13 36-0026	LF		24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	156.77 -7.84	56.78
33 11 13 36-0027	LF		30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	152.09 -7.60	66.25
33 11 13 36-0028	LF		30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	155.85 -7.79	66.25
33 11 13 36-0029	LF		30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	191.34 -9.57	66.25
33 11 13 36-0030	LF		36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	171.60 -8.58	66.25
33 11 13 36-0031	LF		36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	202.57 -10.13	79.49
33 11 13 36-0032	LF		36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	230.10 -11.51	79.49
33 11 13 36-0033	LF		36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe..... <i>For >1,000, Deduct</i>	223.22 -11.16	79.49

33 11 13 36-0034 Flexible Couplings (Dresser Style 38) (33 11 13 36-0001)

33 11 13 36-0035	EA		2" Dresser Coupling For Plain End Welded Steel Pipe.....	97.28	20.23
33 11 13 36-0036	EA		3" Dresser Coupling For Plain End Welded Steel Pipe.....	138.75	38.90
33 11 13 36-0037	EA		4" Dresser Coupling For Plain End Welded Steel Pipe.....	184.61	51.35
33 11 13 36-0038	EA		6" Dresser Coupling For Plain End Welded Steel Pipe.....	296.57	77.80
33 11 13 36-0039	EA		8" Dresser Coupling For Plain End Welded Steel Pipe.....	390.24	98.03
33 11 13 36-0040	EA		10" Dresser Coupling For Plain End Welded Steel Pipe.....	544.36	119.71
33 11 13 36-0041	EA		12" Dresser Coupling For Plain End Welded Steel Pipe.....	643.54	150.03
33 11 13 36-0042	EA		14" Dresser Coupling For Plain End Welded Steel Pipe.....	693.36	150.03
33 11 13 36-0043	EA		16" Dresser Coupling For Plain End Welded Steel Pipe.....	731.79	171.58
33 11 13 36-0044	EA		18" Dresser Coupling For Plain End Welded Steel Pipe.....	803.23	183.56
33 11 13 36-0045	EA		20" Dresser Coupling For Plain End Welded Steel Pipe.....	876.36	207.50
33 11 13 36-0046	EA		24" Dresser Coupling For Plain End Welded Steel Pipe.....	1,117.15	219.47
33 11 13 36-0047	EA		30" Dresser Coupling For Plain End Welded Steel Pipe.....	1,347.64	239.42
33 11 13 36-0048	EA		36" Dresser Coupling For Plain End Welded Steel Pipe.....	1,584.35	269.34

33 11 13 39 Copper Public Water Utility Distribution Piping (33 11 13)

33 11 13 39-0001 Type K Copper Water Distribution Piping (33 11 13 39)

See CSI section 23 05 23 00-0196 for gate valve at tap.

33 11 13 39-0002	LF		1/2" Type K Copper Water Distribution Pipe.....	5.29	1.50
33 11 13 39-0003	LF		3/4" Type K Copper Water Distribution Pipe.....	6.99	1.68
33 11 13 39-0004	LF		1" Type K Copper Water Distribution Pipe.....	8.97	1.87
33 11 13 39-0005	LF		1-1/4" Type K Copper Water Distribution Pipe.....	10.63	2.24
33 11 13 39-0006	LF		1-1/2" Type K Copper Water Distribution Pipe.....	13.38	2.99
33 11 13 39-0007	LF		2" Type K Copper Water Distribution Pipe.....	18.56	3.73
33 11 13 39-0008	LF		2-1/2" Type K Copper Water Distribution Pipe.....	26.89	4.48
33 11 13 39-0009	LF		3" Type K Copper Water Distribution Pipe.....	34.93	4.93
33 11 13 39-0010	LF		3-1/2" Type K Copper Water Distribution Pipe.....	46.19	6.20
33 11 13 39-0011	LF		4" Type K Copper Water Distribution Pipe.....	58.97	7.84
33 11 13 39-0012	LF		5" Type K Copper Water Distribution Pipe.....	131.40	9.79

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping

			TOTAL DIRECT	DEMOLITION
MINOR	CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 11	13 39-0013	LF 6" Type K Copper Water Distribution Pipe.....	183.73	11.81
33 11	13 39-0014	LF 8" Type K Copper Water Distribution Pipe.....	324.91	13.22
33 11 13 39-0015 Copper Flare x Female Copper Flare Service Fitting Coupling (33 11 13 39)				
Note: Mueller H-15405				
33 11	13 39-0016	EA 3/4" Copper Flare x Female Copper Flare Service Fitting Coupling.....	21.99	
33 11	13 39-0017	EA 1" Copper Flare x Female Copper Flare Service Fitting Coupling.....	29.80	
33 11	13 39-0018	EA 1-1/2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	59.57	
33 11	13 39-0019	EA 2" Copper Flare x Female Copper Flare Service Fitting Coupling.....	75.76	
33 11 13 39-0020 Copper Flare x Female Iron Pipe Service Fitting Coupling (33 11 13 39)				
Note: Mueller H-15450				
33 11	13 39-0021	EA 1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	22.30	
33 11	13 39-0022	EA 3/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	22.04	
33 11	13 39-0023	EA 1" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	29.36	
33 11	13 39-0024	EA 1-1/4" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	40.85	
33 11	13 39-0025	EA 1-1/2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	50.68	
33 11	13 39-0026	EA 2" Copper Flare x Female Iron Pipe Service Fitting Coupling.....	74.21	
33 11 13 39-0027 Copper Flare x Male Iron Pipe Service Fitting Coupling (33 11 13 39)				
Note: Mueller H-15425				
33 11	13 39-0028	EA 1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	20.49	
33 11	13 39-0029	EA 3/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	22.08	
33 11	13 39-0030	EA 1" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	28.97	
33 11	13 39-0031	EA 1-1/4" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	40.85	
33 11	13 39-0032	EA 1-1/2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	52.09	
33 11	13 39-0033	EA 2" Copper Flare x Male Iron Pipe Service Fitting Coupling.....	75.95	
33 11 13 39-0034 Brass Fittings (33 11 13 39)				
33 11 13 39-0035 Brass Compression Reducer Coupling (33 11 13 39-0034)				
33 11	13 39-0036	EA 3/4" x 1" Brass Compression Reducer Coupling.....	31.91	11.41
33 11	13 39-0037	EA 1" x 3/4" Brass Compression Reducer Coupling.....	26.57	11.41
33 11	13 39-0038	EA 1-1/2" x 1" Brass Compression Reducer Coupling.....	52.15	17.32
33 11	13 39-0039	EA 2" x 1-1/2" Brass Compression Reducer Coupling.....	64.89	21.97
33 11 13 39-0040 Copper Compression x Male NPT Brass Coupling (33 11 13 39-0034)				
Note: A. Y. McDonald 74753Q				
33 11	13 39-0041	EA 3/4" Copper Compression x Male NPT Brass Coupling.....	43.81	12.68
33 11	13 39-0042	EA 1" x 3/4" Copper Compression x Male NPT Brass Coupling.....	49.76	14.80
33 11	13 39-0043	EA 1" Copper Compression x Male NPT Brass Coupling.....	51.47	14.80
33 11	13 39-0044	EA 1" x 3/4" Copper Compression x Male NPT Brass Coupling.....	50.04	14.80
33 11	13 39-0045	EA 1-1/4" Copper Compression x Male NPT Brass Coupling.....	72.09	16.90
33 11	13 39-0046	EA 1-1/4" x 1" Copper Compression x Male NPT Brass Coupling.....	69.50	16.90
33 11	13 39-0047	EA 1-1/2" Copper Compression x Male NPT Brass Coupling.....	97.07	21.13
33 11	13 39-0048	EA 2" Copper Compression x Male NPT Brass Coupling.....	130.61	25.35
33 11 13 39-0049 Brass Nipples (33 11 13 39-0034)				
33 11	13 39-0050	EA 3/4" x 6" Long Brass Nipple.....	20.36	5.28
33 11	13 39-0051	EA 1" x 6" Long Brass Nipple.....	25.68	5.71
33 11	13 39-0052	EA 1-1/2" x 6" Long Brass Nipple.....	37.34	6.13
33 11 13 39-0053 Brass "H" Style Meter Insetters (33 11 13 39-0034)				
33 11	13 39-0054	EA 5/8" x 3/4" Compression End, Brass "H" Style Meter Insetters.....	122.18	23.34
33 11	13 39-0055	EA 5/8" x 3/4" Threaded End, Brass "H" Style Meter Insetters.....	86.24	23.34
33 11 13 39-0056 Meter Setters - Resetter, Brass (33 11 13 39-0034)				
33 11	13 39-0057	EA 1" Meter, 10" High Brass Meter Setter - Resetter.....	287.40	23.34
Note: Male meter thread, bottom inlet/outlet, angle ball valve, top inlet/outlet with meter nuts.				
33 11 13 43 Public Water Utility Distribution Piping Coatings And Wraps (33 11 13)				
33 11 13 43-0001 Pipe Coatings (33 11 13 43)				
33 11 13 43-0002 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating (33 11 13 43-0001)				
33 11	13 43-0003	LF 12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	4.11	
33 11	13 43-0004	LF 14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	5.46	
33 11	13 43-0005	LF 16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.22	
33 11	13 43-0006	LF 18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	6.54	
33 11	13 43-0007	LF 20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	7.05	
33 11	13 43-0008	LF 24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	8.21	
33 11	13 43-0009	LF 30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	10.78	
33 11	13 43-0010	LF 36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating.....	17.03	

33 11 13 43-0011			Cement Coating With Fiberglass Or Wire Mesh Reinforcing <small>(33 11 13 43-0001)</small>
Note: Applied at fabrication shop. Thickness ranging between 1" and 2".			
33 11 13 43-0012	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh	7.73
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0013	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh	9.51
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0014	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh	11.89
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0015	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh	13.24
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0016	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh	14.95
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0017	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh	17.50
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0018	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh	19.88
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0019	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh	22.43
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0020	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh	24.93
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0021	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh	29.91
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0022	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh	37.38
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0023	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh	44.86
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0024	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh	25.10
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0025	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh	28.68
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0026	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh	32.27
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0027	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh	35.85
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0028	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh	39.44
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0029	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh	43.02
Note: Reinforcing applied at fabrication shop.			
33 11 13 43-0030	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh	46.61
Note: Reinforcing applied at fabrication shop.			

33 11 13 43-0031 Pipe Lining (33 11 13 43)

33 11 13 43-0032			Cement Pipe Lining <small>(33 11 13 43-0031)</small>
Note: Shop applied.			
33 11 13 43-0033	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	10.61
For 1/2" Thick, Add			1.03
33 11 13 43-0034	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	13.16
For 1/2" Thick, Add			1.27
33 11 13 43-0035	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	16.10
For 1/2" Thick, Add			1.58
33 11 13 43-0036	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	20.82
For 1/2" Thick, Add			1.98
33 11 13 43-0037	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	25.54
For 1/2" Thick, Add			2.38
33 11 13 43-0038	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	32.36
For 1/2" Thick, Add			2.79
33 11 13 43-0039	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	41.41
For 1/2" Thick, Add			3.17
33 11 13 43-0040	LF	18" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	49.24
For 1/2" Thick, Add			3.04
33 11 13 43-0041	LF	20" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	59.07
For 1/2" Thick, Add			3.38
33 11 13 43-0042	LF	24" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	71.56
For 1/2" Thick, Add			4.05
33 11 13 43-0043	LF	30" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	86.39
For 1/2" Thick, Add			5.06
33 11 13 43-0044	LF	36" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	103.93
For 1/2" Thick, Add			6.08
33 11 13 43-0045	LF	42" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	121.29
For 1/2" Thick, Add			5.21
33 11 13 43-0046	LF	48" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	138.57
For 1/2" Thick, Add			5.96
33 11 13 43-0047	LF	54" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	155.90
For 1/2" Thick, Add			6.70
33 11 13 43-0048	LF	60" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	173.25
For 1/2" Thick, Add			7.45
33 11 13 43-0049	LF	66" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	190.53
For 1/2" Thick, Add			4.37
33 11 13 43-0050	LF	72" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	207.87
For 1/2" Thick, Add			4.77
33 11 13 43-0051	LF	78" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	225.22
For 1/2" Thick, Add			5.16

33 11 13 43-0052 Cement Fitting Lining (33 11 13 43-0031)
Note: Shop applied.

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Table with 3 columns: Item ID, Description, and Unit Cost. Rows include items 33 11 13 43-0053 through 33 11 13 43-0062, detailing various cement fitting linings.

33 11 13 43-0063 8 Mil Polyethylene Encasement Tubing (33 11 13 43)

Note: ANSI/AWWA C105/A21.5-99 section 4.2.

Table with 3 columns: Item ID, Description, and Unit Cost. Rows include items 33 11 13 43-0064 through 33 11 13 43-0072, detailing different diameters of polyethylene encasement tubing.

33 11 13 53 Public Water Utility Distribution Piping Saddles And Adapters (33 11 13)

33 11 13 53-0001 Double Stud Stainless Steel Service Saddles (33 11 13 53)

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

Table with 3 columns: Item ID, Description, and Unit Cost. Rows include items 33 11 13 53-0002 through 33 11 13 53-0012, detailing various sizes of double stud stainless steel service saddles.

33 11 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles (33 11 13 53)

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

Table with 3 columns: Item ID, Description, and Unit Cost. Rows include items 33 11 13 53-0014 through 33 11 13 53-0042, detailing various sizes of double bale epoxy coated ductile iron body service saddles.

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	341.52	
33 11 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	366.78	
33 11 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	396.76	
33 11 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	710.62	
33 11 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	350.14	
33 11 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	403.69	
33 11 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	420.57	
33 11 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	765.96	
33 11 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	366.02	
33 11 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	421.61	
33 11 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	439.00	
33 11 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	797.39	
33 11 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	408.74	
33 11 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	477.05	
33 11 13 53-0057	EA	20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	471.50	
33 11 13 53-0058	EA	20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	523.86	
33 11 13 53-0059	EA	24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	492.85	
33 11 13 53-0060	EA	24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313)	559.87	
33 11 13 53-0061 Double Bale Bronze Service Saddles (33 11 13 53)				
33 11 13 53-0062	EA	4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	233.16	
33 11 13 53-0063	EA	4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	256.19	
33 11 13 53-0064	EA	6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	265.78	
33 11 13 53-0065	EA	6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	289.04	
33 11 13 53-0066	EA	8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	298.69	
33 11 13 53-0067	EA	8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	313.96	
33 11 13 53-0068	EA	10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	286.03	
33 11 13 53-0069	EA	10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	304.94	
33 11 13 53-0070	EA	12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	372.80	
33 11 13 53-0071	EA	12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	404.86	
33 11 13 53-0072	EA	14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	582.43	
33 11 13 53-0073	EA	14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	484.20	
33 11 13 53-0074	EA	16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	681.09	
33 11 13 53-0075	EA	16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B)	554.90	
33 11 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle (33 11 13 53)				
Note: Taps are compression or NPT.				
33 11 13 53-0077	EA	4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	246.85	
33 11 13 53-0078	EA	4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	273.47	
33 11 13 53-0079	EA	6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	281.96	
33 11 13 53-0080	EA	6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	307.53	
33 11 13 53-0081	EA	8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	318.69	
33 11 13 53-0082	EA	8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	335.04	
33 11 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	362.27	
33 11 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	388.71	
33 11 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	391.14	
33 11 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	425.55	
33 11 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	627.85	
33 11 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	517.02	
33 11 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	734.98	
33 11 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	594.02	
33 11 13 53-0091 Ductile Iron Mechanical Joint Tapping Sleeve (33 11 13 53)				
33 11 13 53-0092	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,154.28	
33 11 13 53-0093	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,391.07	
33 11 13 53-0094	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,668.88	
33 11 13 53-0095	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,771.16	
33 11 13 53-0096	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,763.34	
33 11 13 53-0097	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,908.17	
33 11 13 53-0098	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,967.85	
33 11 13 53-0099	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,892.61	
33 11 13 53-0100	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,036.84	
33 11 13 53-0101	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,394.47	
33 11 13 53-0102	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,482.04	
33 11 13 53-0103	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	5,965.73	
33 11 13 53-0104	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,129.27	
33 11 13 53-0105	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,200.44	
33 11 13 53-0106	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,228.60	
33 11 13 53-0107	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,458.01	
33 11 13 53-0108	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,440.94	
33 11 13 53-0109	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,458.19	
33 11 13 53-0110	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,641.44	
33 11 13 53-0111	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,681.38	
33 11 13 53-0112	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,725.75	
33 11 13 53-0113	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,468.45	
33 11 13 53-0114	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,051.37	

33 Utilities

33 10 Water Utilities

33 11 Water Utility Distribution Piping

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 11 13 53-0115	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,030.81	
33 11 13 53-0116	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,450.00	
33 11 13 53-0117	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,556.46	
33 11 13 53-0118	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	9,891.69	
33 11 13 53-0119	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,384.97	
33 11 13 53-0120	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,058.97	
33 11 13 53-0121	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,216.20	
33 11 13 53-0122	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,274.99	
33 11 13 53-0123	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	8,584.91	
33 11 13 53-0124	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,740.83	
33 11 13 53-0125	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	11,959.60	
33 11 13 53-0126	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,161.05	
33 11 13 53-0127	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,298.53	
33 11 13 53-0128	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	10,336.12	
33 11 13 53-0129	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,477.93	
33 11 13 53-0130	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,661.46	
33 11 13 53-0131	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	14,695.92	
33 11 13 53-0132	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	15,103.00	
33 11 13 53-0133	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615).....	15,291.88	

33 11 13 53-0134 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (33 11 13 53)

33 11 13 53-0135	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	953.42	
33 11 13 53-0136	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,001.11	
33 11 13 53-0137	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,100.91	
33 11 13 53-0138	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,123.38	
33 11 13 53-0139	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,170.87	
33 11 13 53-0140	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,361.16	
33 11 13 53-0141	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,220.81	
33 11 13 53-0142	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,266.93	
33 11 13 53-0143	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,433.65	
33 11 13 53-0144	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,037.90	
33 11 13 53-0145	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,365.03	
33 11 13 53-0146	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,434.77	
33 11 13 53-0147	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,598.78	
33 11 13 53-0148	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,139.61	
33 11 13 53-0149	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,346.39	
33 11 13 53-0150	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,824.64	
33 11 13 53-0151	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	1,881.56	
33 11 13 53-0152	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,238.67	
33 11 13 53-0153	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,682.47	
33 11 13 53-0154	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,969.49	
33 11 13 53-0155	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,179.12	
33 11 13 53-0156	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,238.02	
33 11 13 53-0157	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,472.89	
33 11 13 53-0158	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,109.62	
33 11 13 53-0159	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,256.64	
33 11 13 53-0160	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,288.89	
33 11 13 53-0161	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,399.28	
33 11 13 53-0162	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,554.41	
33 11 13 53-0163	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,304.46	
33 11 13 53-0164	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,451.31	
33 11 13 53-0165	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,782.94	
33 11 13 53-0166	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,841.71	
33 11 13 53-0167	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,195.47	
33 11 13 53-0168	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,796.77	
33 11 13 53-0169	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	4,049.30	
33 11 13 53-0170	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	2,991.88	
33 11 13 53-0171	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,126.07	
33 11 13 53-0172	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	3,308.87	
33 11 13 53-0173	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	4,164.21	
33 11 13 53-0174	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662).....	4,317.52	

33 11 13 53-0175 Stainless Steel Flange, Stainless Steel Tapping Sleeve (33 11 13 53)

33 11 13 53-0176	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,118.01	
33 11 13 53-0177	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,208.99	
33 11 13 53-0178	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,282.05	
33 11 13 53-0179	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,297.26	
33 11 13 53-0180	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,382.11	
33 11 13 53-0181	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,644.55	
33 11 13 53-0182	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,490.01	
33 11 13 53-0183	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,584.59	
33 11 13 53-0184	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,819.33	
33 11 13 53-0185	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,502.45	
33 11 13 53-0186	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,695.51	
33 11 13 53-0187	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,826.07	
33 11 13 53-0188	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,137.65	
33 11 13 53-0189	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,544.96	
33 11 13 53-0190	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,855.30	
33 11 13 53-0191	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	1,933.53	
33 11 13 53-0192	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,094.71	
33 11 13 53-0193	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,446.12	
33 11 13 53-0194	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	2,853.82	
33 11 13 53-0195	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,067.33	

33	33 Utilities
33 10	Water Utilities
33 12	Water Utility Distribution Equipment



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 12 13 23-0006	EA	4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	234.83	32.12
33 12 13 23-0007	EA	6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	244.97	32.12

33 12 13 23-0008 Sanitary Yard Hydrants (33 12 13 23)
 Note: With 3/4" hose thread outlet.

33 12 13 23-0009	EA	2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	664.17	52.82
33 12 13 23-0010	EA	4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	695.36	52.82
33 12 13 23-0011	EA	6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	726.56	52.82

33 12 13 23-0012 Flushing Hydrants (33 12 13 23)

33 12 13 23-0013	EA	2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	463.79	32.64
------------------	----	--	--------	-------

33 12 16 Water Utility Distribution Valves (33 12)

Note: Flanged valves excludes bolt and gasket set. See CSI section 23 21 13 23-0576 for bolt and gasket sets.

33 12 16 00-0001 Roadway Utility Box (33 12 16)

33 12 16 00-0002 Utility Box (33 12 16 00-0001)
 Note: Christy Concrete Products.

33 12 16 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" (33 12 16 00-0002)

33 12 16 00-0004	EA	9-3/8" x 15-1/2" Precast Concrete Utility Box.....	61.95	38.65
33 12 16 00-0005	EA	Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box.....	47.21	4.29
33 12 16 00-0006	EA	Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	22.18	4.29
33 12 16 00-0007	EA	Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box.....	98.11	4.29
33 12 16 00-0008	EA	12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	33.94	8.59
33 12 16 00-0009	EA	3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	45.01	8.59

33 12 16 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" (33 12 16 00-0002)

33 12 16 00-0011	EA	10-1/4" x 17-1/4" Precast Concrete Utility Box.....	77.49	51.53
33 12 16 00-0012	EA	Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box.....	55.42	5.15
33 12 16 00-0013	EA	Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	24.99	5.15
33 12 16 00-0014	EA	Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	102.71	4.29
33 12 16 00-0015	EA	13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box.....	36.99	8.59
33 12 16 00-0016	EA	5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	50.93	12.88
33 12 16 00-0017	EA	12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box.....	68.77	23.61

33 12 16 00-0018 B12 Utility Box, 12" x 20" (33 12 16 00-0002)

33 12 16 00-0019	EA	12" x 20" Precast Concrete Utility Box.....	84.78	55.83
33 12 16 00-0020	EA	Cast Iron Lid For 12" x 20" Utility Box.....	96.94	6.44
33 12 16 00-0021	EA	Reinforced Concrete Lid For 12" x 20" Utility Box.....	35.21	8.59
33 12 16 00-0022	EA	Steel Checkered Plate Cover For 12" x 20" Utility Box.....	140.97	8.59
33 12 16 00-0023	EA	12" High Reinforced Concrete Extension For 12" x 20" Utility Box.....	88.92	30.07

33 12 16 00-0024 B16 Utility Box, 12" x 22-1/4" (33 12 16 00-0002)

33 12 16 00-0025	EA	12" x 22-1/4" Precast Concrete Utility Box.....	98.09	65.27
33 12 16 00-0026	EA	Cast Iron Lid For 12" x 22-1/4" Utility Box.....	110.85	8.59
33 12 16 00-0027	EA	Reinforced Concrete Lid For 12" x 22-1/4" Utility Box.....	41.48	8.59
33 12 16 00-0028	EA	Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box	141.72	8.59
33 12 16 00-0029	EA	16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box	60.82	14.60
33 12 16 00-0030	EA	12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box	89.96	30.07

33 12 16 00-0031 B30 Utility Box, 13-1/4" x 24" (33 12 16 00-0002)

33 12 16 00-0032	EA	13-1/4" x 24" Precast Concrete Utility Box.....	117.49	77.29
33 12 16 00-0033	EA	Reinforced Concrete Lid For 13-1/4" x 24" Utility Box.....	58.08	13.74
33 12 16 00-0034	EA	Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box	175.76	11.16
33 12 16 00-0035	EA	16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box	60.82	14.60
33 12 16 00-0036	EA	5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box.....	94.86	24.04
33 12 16 00-0037	EA	6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box.....	71.61	16.32
33 12 16 00-0038	EA	12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box	116.26	38.65

33 12 16 00-0039 B36 Utility Box, 17-1/4" x 30" (33 12 16 00-0002)

33 12 16 00-0040	EA	17-1/4" x 30" Precast Concrete Utility Box.....	151.98	97.91
33 12 16 00-0041	EA	Reinforced Concrete Lid For 17-1/4" x 30" Utility Box.....	95.86	23.61
33 12 16 00-0042	EA	Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box	222.66	16.32
33 12 16 00-0043	EA	20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box	96.06	30.92
33 12 16 00-0044	EA	6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box.....	144.50	34.36
33 12 16 00-0045	EA	12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box	153.44	49.82

33 12 16 00-0046 B40 Utility Box, 24-1/2" x 36" (33 12 16 00-0002)

33 12 16 00-0047	EA	24-1/2" x 36" Precast Concrete Utility Box.....	288.63	151.16
33 12 16 00-0048	EA	Reinforced Concrete Lid For 24-1/2" x 36" Utility Box.....	254.32	56.69
33 12 16 00-0049	EA	Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box	318.00	24.90
33 12 16 00-0050	EA	30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box	214.87	53.25
33 12 16 00-0051	EA	10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box	227.30	55.83

33 12 16 00-0052	B48 Utility Box, 30-1/4" x 48-1/4" <small>(33 12 16 00-0002)</small>	
33 12 16 00-0053	EA 30-1/4" x 48-1/4" Precast Concrete Utility Box.....	382.90 171.77
33 12 16 00-0054	EA 1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	366.12 93.62
33 12 16 00-0055	EA 2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	437.09 93.62
33 12 16 00-0056	EA 2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box.....	506.96 42.95
33 12 16 00-0057	EA 36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box.....	351.01 115.95
33 12 16 00-0058	EA 10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box.....	290.14 78.15
33 12 16 00-0059	Water Utility Distribution Valves <small>(33 12 16)</small>	
33 12 16 00-0060	Angle Valves <small>(33 12 16 00-0059)</small>	
	Note: For connecting meters to water service.	
33 12 16 00-0061	Threaded, Class 150, Bronze Angle Valve <small>(33 12 16 00-0060)</small>	
	Note: Nibco T-335Y	
33 12 16 00-0062	EA 1/2" Threaded, Class 150, Bronze Angle Valve.....	50.37 13.53
33 12 16 00-0063	EA 3/4" Threaded, Class 150, Bronze Angle Valve.....	67.92 18.17
33 12 16 00-0064	EA 1" Threaded, Class 150, Bronze Angle Valve.....	88.87 22.40
33 12 16 00-0065	EA 1-1/4" Threaded, Class 150, Bronze Angle Valve.....	113.93 28.14
33 12 16 00-0066	EA 1-1/2" Threaded, Class 150, Bronze Angle Valve.....	139.46 32.54
33 12 16 00-0067	EA 2" Threaded, Class 150, Bronze Angle Valve.....	197.50 38.04
33 12 16 00-0068	EA 2-1/2" Threaded, Class 150, Bronze Angle Valve.....	306.18 51.89
33 12 16 00-0069	EA 3" Threaded, Class 150, Bronze Angle Valve.....	444.99 59.91
33 12 16 00-0070	Butterfly Valves <small>(33 12 16 00-0059)</small>	
33 12 16 00-0071	Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valves <small>(33 12 16 00-0070)</small>	
33 12 16 00-0072	EA 3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 3,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8).....	1,108.84 143.87
33 12 16 00-0073	EA 3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 3,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8).....	1,265.84 143.87
33 12 16 00-0074	EA 4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 4,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8).....	1,222.86 222.28
33 12 16 00-0075	EA 4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 4,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8).....	1,379.86 222.28
33 12 16 00-0076	EA 6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 6,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8).....	1,490.53 302.83
33 12 16 00-0077	EA 6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 6,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8).....	1,647.53 302.83
33 12 16 00-0078	EA 8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 8,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD8).....	1,681.58 346.07
33 12 16 00-0079	EA 8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 8,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW8).....	1,839.58 346.07
33 12 16 00-0080	EA 10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 10,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD16).....	2,204.94 423.95
33 12 16 00-0081	EA 10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 10,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW20).....	2,604.94 423.95
33 12 16 00-0082	EA 12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 12,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-HD24).....	2,596.35 513.88
33 12 16 00-0083	EA 12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 12,F1,CI,NBRN-NBR,150B,CI-S1*MS-3-CW20).....	2,923.35 513.88
33 12 16 00-0084	EA 14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 14,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD12).....	3,378.03 664.83
33 12 16 00-0085	EA 14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 14,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20).....	3,914.03 664.83
33 12 16 00-0086	EA 16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 16,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD16).....	4,017.14 731.31
33 12 16 00-0087	EA 16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 16,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20).....	4,359.14 731.31
33 12 16 00-0088	EA 18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 18,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD16).....	4,996.69 812.55
33 12 16 00-0089	EA 18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 18,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20).....	5,333.69 812.55

33	33 Utilities
	33 10 Water Utilities
	33 12 Water Utility Distribution Equipment



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 12 16 00-0090	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 20,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-HD30)	5,892.68	914.14
33 12 16 00-0091	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 20,F1,CI,NBRN-NBR,150B,CI-S1*MS-7-CW20).....	6,108.68	914.14
33 12 16 00-0092	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-HD30)	8,674.37	1,125.10
33 12 16 00-0093	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 24,F1,DI,NBRN-NBR,150B,DI-S1,S304G0*MS-7-CW20)	8,890.37	1,125.10
33 12 16 00-0094	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 30,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16).....	19,822.18	1,887.43
33 12 16 00-0095	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 36,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD16).....	23,054.73	2,573.77
33 12 16 00-0096	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 42,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR1-HD32).....	29,754.63	3,774.86
33 12 16 00-0097	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW, 48,F1,DI,NBRN-NBR,150B,DI-S1-S304G0*MG-WR3-HD24).....	36,437.46	4,718.58
33 12 16 00-0098		Check Valves <small>(33 12 16 00-0098)</small>		
33 12 16 00-0099		Flanged, Swing Type Gravity Operated Check Valves <small>(33 12 16 00-0099)</small> Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 12 16 00-0100	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve.....	631.28	105.03
33 12 16 00-0101	EA	3" Flanged, Swing Type Gravity Operated Check Valve.....	674.86	124.48
33 12 16 00-0102	EA	4" Flanged, Swing Type Gravity Operated Check Valve.....	854.66	167.27
33 12 16 00-0103	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve.....	1,178.25	190.61
33 12 16 00-0104	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,272.71	217.84
33 12 16 00-0105	EA	6" Flanged, Swing Type Gravity Operated Check Valve.....	1,174.83	194.50
33 12 16 00-0106	EA	6" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	1,492.13	213.96
33 12 16 00-0107	EA	6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	1,559.65	233.41
33 12 16 00-0108	EA	8" Flanged, Swing Type Gravity Operated Check Valve.....	1,617.01	233.41
33 12 16 00-0109	EA	10" Flanged, Swing Type Gravity Operated Check Valve.....	2,608.40	272.31
33 12 16 00-0110	EA	12" Flanged, Swing Type Gravity Operated Check Valve.....	3,884.09	326.77
33 12 16 00-0111	EA	14" Flanged, Swing Type Gravity Operated Check Valve.....	5,383.70	407.21
33 12 16 00-0112	EA	16" Flanged, Swing Type Gravity Operated Check Valve.....	7,107.00	457.07
33 12 16 00-0113	EA	18" Flanged, Swing Type Gravity Operated Check Valve.....	10,187.83	506.93
33 12 16 00-0114	EA	20" Flanged, Swing Type Gravity Operated Check Valve.....	11,844.39	571.34
33 12 16 00-0115		Combination Air Release Valves <small>(33 12 16 00-0099)</small>		
33 12 16 00-0116	EA	1" Combination Air Release Valve.....	422.36	16.33
33 12 16 00-0117	EA	2" Combination Air Release Valve.....	681.82	28.00
33 12 16 00-0118		Corporation Stop And Curb Valve <small>(33 12 16 00-0099)</small> Note: AWWA C800		
33 12 16 00-0119		Ball Corporation Valves <small>(33 12 16 00-0118)</small> Note: Mueller B-25000.		
33 12 16 00-0120	EA	3/4" Ball Corporation Valve.....	67.40	16.33
33 12 16 00-0121	EA	1" Ball Corporation Valve.....	84.82	20.23
33 12 16 00-0122	EA	1-1/2" Ball Corporation Valve.....	154.21	29.57
33 12 16 00-0123	EA	2" Ball Corporation Valve.....	235.51	35.01
33 12 16 00-0124		Gate Valve, AWWA C500 And C509 <small>(33 12 16 00-0099)</small>		
33 12 16 00-0125		Gate Valve, Flanged <small>(33 12 16 00-0124)</small> Note: Mueller A-2380-6.		
33 12 16 00-0126	EA	2" Gate Valve, Flanged.....	404.68	82.86
33 12 16 00-0127	EA	2-1/2" Gate Valve, Flanged.....	493.07	103.86
33 12 16 00-0128	EA	3" Gate Valve, Flanged.....	589.93	124.48
33 12 16 00-0129	EA	4" Gate Valve, Flanged.....	709.83	165.72
33 12 16 00-0130	EA	6" Gate Valve, Flanged.....	894.85	194.50
33 12 16 00-0131	EA	8" Gate Valve, Flanged.....	1,257.27	233.41
33 12 16 00-0132	EA	10" Gate Valve, Flanged.....	1,800.73	272.31
33 12 16 00-0133	EA	12" Gate Valve, Flanged.....	2,170.13	326.77
33 12 16 00-0134	EA	14" Gate Valve, Flanged.....	4,436.41	407.21
33 12 16 00-0135	EA	16" Gate Valve, Flanged.....	5,754.21	457.07
33 12 16 00-0136	EA	18" Gate Valve, Flanged.....	8,937.87	506.93
33 12 16 00-0137	EA	20" Gate Valve, Flanged.....	10,657.58	571.34
33 12 16 00-0138		Resilient Wedge Gate Valve, Flanged <small>(33 12 16 00-0124)</small> Note: Mueller A-2360-6.		
33 12 16 00-0139	EA	2" Resilient Wedge Gate Valve, Flanged.....	391.17	82.86
33 12 16 00-0140	EA	2-1/2" Resilient Wedge Gate Valve, Flanged.....	476.91	103.86
33 12 16 00-0141	EA	3" Resilient Wedge Gate Valve, Flanged.....	570.76	125.65
33 12 16 00-0142	EA	4" Resilient Wedge Gate Valve, Flanged.....	688.41	165.72
33 12 16 00-0143	EA	6" Resilient Wedge Gate Valve, Flanged.....	866.21	194.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0144 EA 8" Resilient Wedge Gate Valve, Flanged.....	1,212.53	233.41
33 12 16 00-0145 EA 10" Resilient Wedge Gate Valve, Flanged.....	1,729.64	272.31
33 12 16 00-0146 EA 12" Resilient Wedge Gate Valve, Flanged.....	2,084.29	326.77
33 12 16 00-0147 Gate Valve, Mechanical Joint (33 12 16 00-0124)		
Note: Mueller A-2380-20.		
33 12 16 00-0148 EA 2" Gate Valve, Mechanical Joint.....	438.35	82.86
33 12 16 00-0149 EA 2-1/2" Gate Valve, Mechanical Joint.....	487.57	103.86
33 12 16 00-0150 EA 3" Gate Valve, Mechanical Joint.....	608.27	125.65
33 12 16 00-0151 EA 4" Gate Valve, Mechanical Joint.....	739.74	165.72
33 12 16 00-0152 EA 6" Gate Valve, Mechanical Joint.....	917.54	194.50
33 12 16 00-0153 EA 8" Gate Valve, Mechanical Joint.....	1,289.06	233.41
33 12 16 00-0154 EA 10" Gate Valve, Mechanical Joint.....	1,822.43	272.31
33 12 16 00-0155 EA 12" Gate Valve, Mechanical Joint.....	2,268.65	326.77
33 12 16 00-0156 EA 14" Gate Valve, Mechanical Joint.....	4,705.11	407.21
33 12 16 00-0157 EA 16" Gate Valve, Mechanical Joint.....	6,029.47	457.07
33 12 16 00-0158 EA 18" Gate Valve, Mechanical Joint.....	9,429.46	506.93
33 12 16 00-0159 EA 20" Gate Valve, Mechanical Joint.....	11,189.57	571.34
33 12 16 00-0160 Resilient Wedge Gate Valve, Mechanical Joint (33 12 16 00-0124)		
Note: Mueller A-2360-20.		
33 12 16 00-0161 EA 2" Resilient Wedge Gate Valve, Mechanical Joint.....	422.92	82.86
33 12 16 00-0162 EA 3" Resilient Wedge Gate Valve, Mechanical Joint.....	588.06	125.65
33 12 16 00-0163 EA 4" Resilient Wedge Gate Valve, Mechanical Joint.....	716.63	165.72
33 12 16 00-0164 EA 6" Resilient Wedge Gate Valve, Mechanical Joint.....	887.63	194.50
33 12 16 00-0165 EA 8" Resilient Wedge Gate Valve, Mechanical Joint.....	1,242.52	233.41
33 12 16 00-0166 EA 10" Resilient Wedge Gate Valve, Mechanical Joint.....	1,750.10	272.31
33 12 16 00-0167 EA 12" Resilient Wedge Gate Valve, Mechanical Joint.....	2,177.21	326.77
33 12 16 00-0168 Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint (33 12 16 00-0124)		
Note: Mueller A-2361.		
33 12 16 00-0169 EA 14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	4,286.78	407.21
33 12 16 00-0170 EA 16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	4,681.43	457.07
33 12 16 00-0171 EA 18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	7,180.91	506.93
33 12 16 00-0172 EA 20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	8,549.16	571.34
33 12 16 00-0173 EA 24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint.....	12,005.66	664.83
33 12 16 00-0174 Gate Valve, Threaded, WW-V-51 Class A, Type 1 (33 12 16 00-0124)		
Note: NIBCO T-113.		
33 12 16 00-0175 EA 1/4" Gate Valve, Bronze, Threaded.....	33.93	13.61
33 12 16 00-0176 EA 3/8" Gate Valve, Bronze, Threaded.....	35.23	13.61
33 12 16 00-0177 EA 1/2" Gate Valve, Bronze, Threaded.....	35.71	13.61
33 12 16 00-0178 EA 3/4" Gate Valve, Bronze, Threaded.....	46.80	18.38
33 12 16 00-0179 EA 1" Gate Valve, Bronze, Threaded.....	57.29	22.22
33 12 16 00-0180 EA 1-1/4" Gate Valve, Bronze, Threaded.....	75.79	28.14
33 12 16 00-0181 EA 1-1/2" Gate Valve, Bronze, Threaded.....	87.75	32.54
33 12 16 00-0182 EA 2" Gate Valve, Bronze, Threaded.....	105.45	38.04
33 12 16 00-0183 EA 2-1/2" Gate Valve, Bronze, Threaded.....	180.76	51.89
33 12 16 00-0184 EA 3" Gate Valve, Bronze, Threaded.....	214.31	59.52
33 12 16 00-0185 Globe Valve, AWWA (33 12 16 00-0059)		
33 12 16 00-0186 Globe Valve, Threaded, WW-V-51 Class B, Type 1 (33 12 16 00-0185)		
Note: NIBCO T-235.		
33 12 16 00-0187 EA 1/8" Globe Valve, Threaded.....	44.16	13.61
33 12 16 00-0188 EA 1/4" Globe Valve, Threaded.....	41.55	13.61
33 12 16 00-0189 EA 3/8" Globe Valve, Threaded.....	42.85	13.61
33 12 16 00-0190 EA 1/2" Globe Valve, Threaded.....	44.16	13.61
33 12 16 00-0191 EA 3/4" Globe Valve, Threaded.....	59.87	18.38
33 12 16 00-0192 EA 1" Globe Valve, Threaded.....	80.40	22.22
33 12 16 00-0193 EA 1-1/4" Globe Valve, Threaded.....	113.14	28.14
33 12 16 00-0194 EA 1-1/2" Globe Valve, Threaded.....	133.94	32.54
33 12 16 00-0195 EA 2" Globe Valve, Threaded.....	179.48	38.04
33 12 16 00-0196 EA 2-1/2" Globe Valve, Threaded.....	311.28	51.89
33 12 16 00-0197 EA 3" Globe Valve, Threaded.....	414.89	59.83
33 12 16 00-0198 Tapping Valve, AWWA C500 And C509 (33 12 16 00-0059)		
33 12 16 00-0199 Tapping Valve, AWWA C500 And C509 (33 12 16 00-0198)		
Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 12 16 00-0200 EA 2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	575.53	103.86
33 12 16 00-0201 EA 3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	726.06	125.65
33 12 16 00-0202 EA 4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	841.33	165.72
33 12 16 00-0203 EA 6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	1,095.79	194.50
33 12 16 00-0204 EA 8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	1,514.98	233.41
33 12 16 00-0205 EA 10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	2,113.91	272.31
33 12 16 00-0206 EA 12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	3,051.98	326.77
33 12 16 00-0207 EA 14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	5,343.49	407.21
33 12 16 00-0208 EA 16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	6,714.72	457.07
33 12 16 00-0209 EA 18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint.....	10,641.02	507.77

33 Utilities**33 10 Water Utilities****33 12 Water Utility Distribution Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 12 16 00-0210	Accessories For Valves ^(33 12 16)		
33 12 16 00-0211	EA 1' Valve Extension Stem For Each Additional LF, Add	70.47 4.87	
33 12 16 00-0212	EA Up to 80" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	869.28	77.80
33 12 16 00-0213	EA >80" To 114" Long Indicator Post Telescoping Barrel Assembly Note: Excludes valve.	984.51	85.58
33 12 16 00-0214	EA Adjust Water Valve Box To Grade	77.80	
33 12 16 00-0215	Roadway Or Curb Valve Boxes ^(33 12 16)		
	See CSI section 22 05 19 00-0000 for metering.		
33 12 16 00-0216	Round Head, Cast Iron Service, Roadway Or Valve Boxes ^(33 12 16 00-0215)		
33 12 16 00-0217	EA 36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	131.37	10.27
33 12 16 00-0218	EA 36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	151.38	10.27
33 12 16 00-0219	EA 42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box Note: Includes cover, top section and bottom section.	152.30	10.27
33 12 16 00-0220	EA 9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	41.03	5.14
33 12 16 00-0221	EA 16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	46.32	5.14
33 12 16 00-0222	EA 24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box	54.29	5.14
33 12 16 00-0223	EA 36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box Note: Includes cover, top section and bottom section.	196.12	12.84
33 12 16 00-0224	EA 45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	336.47	17.97
33 12 16 00-0225	EA 45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section, bottom section and #6 round base.	373.79	17.97
33 12 16 00-0226	EA 24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	203.52	12.84
33 12 16 00-0227	EA 36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	212.43	12.84
33 12 16 00-0228	EA 24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box Note: Includes cover, top section and bottom section.	205.62	12.84
33 12 16 00-0229	EA 12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box	74.89	5.14
33 12 16 00-0230	EA 18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	130.01	21.13
33 12 16 00-0231	EA 22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	134.06	21.97
33 12 16 00-0232	EA 30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	149.08	22.82
33 12 16 00-0233	EA 36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box.....	200.38	24.09
33 12 16 00-0234	EA 48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	240.26	25.35
33 12 16 00-0235	EA 18" Cast Iron Service Box Extension Section	55.43	
33 12 16 00-0236	Plastic Roadway Grade Water Meter Box And Cover ^(33 12 16 00-0215)		
33 12 16 00-0237	EA 12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	172.09	29.58
33 12 16 00-0238	EA 9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover.....	128.75	21.13
33 12 16 00-0239	EA Cast Iron Lid For Plastic Meter Box	37.14	
33 12 16 00-0240	Traffic Valve Box And Lid ^(33 12 16 00-0215)		
33 12 16 00-0241	EA 10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5).....	128.50	
33 12 16 00-0242	EA 14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12).....	382.68	
33 12 19	Water Utility Distribution Fire Hydrants ^(33 12)		
33 12 19 00-0001	Fire Hydrants ^(33 12 19)		
	Note: Breakaway type.		
33 12 19 00-0002	Three Way, Standard (Traditional) Model Fire Hydrant ^(33 12 19 00-0001)		
	Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 12 19 00-0003	EA 1-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,746.12	211.98
33 12 19 00-0004	EA 2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,777.22	211.98
33 12 19 00-0005	EA 2-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,808.40	211.98
33 12 19 00-0006	EA 3" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,854.57	227.12
33 12 19 00-0007	EA 3-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,885.70	227.12
33 12 19 00-0008	EA 4" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,935.78	246.04
33 12 19 00-0009	EA 4-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,966.86	246.04
33 12 19 00-0010	EA 5" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,016.96	264.97
33 12 19 00-0011	EA 5-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,048.09	264.97
33 12 19 00-0012	EA 6" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,098.10	283.90
33 12 19 00-0013	EA 6-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,148.15	302.83
33 12 19 00-0014	EA 7" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,217.07	340.68
33 12 19 00-0015	EA 1-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,774.50	211.98
33 12 19 00-0016	EA 2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,814.86	211.98
33 12 19 00-0017	EA 2-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,855.12	211.98
33 12 19 00-0018	EA 3" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,910.52	227.12
33 12 19 00-0019	EA 3-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	1,950.78	227.12
33 12 19 00-0020	EA 4" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,010.11	246.04
33 12 19 00-0021	EA 4-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,050.32	246.04
33 12 19 00-0022	EA 5" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,109.55	264.97
33 12 19 00-0023	EA 5-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,149.80	264.97
33 12 19 00-0024	EA 6" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,208.92	283.90
33 12 19 00-0025	EA 6-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	2,268.21	302.83

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

33 12 19 00-0026	EA 7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant	2,346.25	340.68
------------------	---	----------	--------

33 12 19 00-0027

Two Way, Standard (Traditional) Model Fire Hydrant (33 12 19 00-0001)
 Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 12 19 00-0028	EA 1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,575.41	211.98
33 12 19 00-0029	EA 2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,606.40	211.98
33 12 19 00-0030	EA 2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,637.57	211.98
33 12 19 00-0031	EA 3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,683.87	227.12
33 12 19 00-0032	EA 3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,714.90	227.12
33 12 19 00-0033	EA 4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,764.91	246.04
33 12 19 00-0034	EA 4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,796.04	246.04
33 12 19 00-0035	EA 5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,846.17	264.97
33 12 19 00-0036	EA 5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,877.23	264.97
33 12 19 00-0037	EA 6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,927.41	283.90
33 12 19 00-0038	EA 6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,977.26	302.83
33 12 19 00-0039	EA 7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,046.25	340.68
33 12 19 00-0040	EA 1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,619.25	211.98
33 12 19 00-0041	EA 2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,659.52	211.98
33 12 19 00-0042	EA 2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,699.73	211.98
33 12 19 00-0043	EA 3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,755.23	227.12
33 12 19 00-0044	EA 3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,795.39	227.12
33 12 19 00-0045	EA 4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,854.65	246.04
33 12 19 00-0046	EA 4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,894.83	246.04
33 12 19 00-0047	EA 5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,954.19	264.97
33 12 19 00-0048	EA 5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	1,994.35	264.97
33 12 19 00-0049	EA 6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,053.61	283.90
33 12 19 00-0050	EA 6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,112.70	302.83
33 12 19 00-0051	EA 7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant	2,190.96	340.68

33 12 19 00-0052

Three Way, Modern Model Fire Hydrant (33 12 19 00-0001)
 Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 12 19 00-0053	EA 1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	1,818.70	211.98
33 12 19 00-0054	EA 2' Burial Section, Three Way, Modern Type Fire Hydrant	1,858.91	211.98
33 12 19 00-0055	EA 2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	1,899.24	211.98
33 12 19 00-0056	EA 3' Burial Section, Three Way, Modern Type Fire Hydrant	1,954.66	227.12
33 12 19 00-0057	EA 3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	1,994.90	227.12
33 12 19 00-0058	EA 4' Burial Section, Three Way, Modern Type Fire Hydrant	2,054.08	246.04
33 12 19 00-0059	EA 4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,094.37	246.04
33 12 19 00-0060	EA 5' Burial Section, Three Way, Modern Type Fire Hydrant	2,153.57	264.97
33 12 19 00-0061	EA 5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,193.82	264.97
33 12 19 00-0062	EA 6' Burial Section, Three Way, Modern Type Fire Hydrant	2,253.01	264.97
33 12 19 00-0063	EA 6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant	2,312.32	302.83
33 12 19 00-0064	EA 7' Burial Section, Three Way, Modern Type Fire Hydrant	2,389.94	302.83

33 12 19 00-0065

Two Way, Modern Model Fire Hydrant (33 12 19 00-0001)
 Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 12 19 00-0066	EA 1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,314.51	211.98
33 12 19 00-0067	EA 2' Burial Section, Two Way, Modern Type Fire Hydrant	1,345.11	211.98
33 12 19 00-0068	EA 2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,376.05	211.98
33 12 19 00-0069	EA 3' Burial Section, Two Way, Modern Type Fire Hydrant	1,421.43	227.12
33 12 19 00-0070	EA 3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,452.02	227.12
33 12 19 00-0071	EA 4' Burial Section, Two Way, Modern Type Fire Hydrant	1,501.53	246.04
33 12 19 00-0072	EA 4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,532.11	246.04
33 12 19 00-0073	EA 5' Burial Section, Two Way, Modern Type Fire Hydrant	1,581.67	264.97
33 12 19 00-0074	EA 5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,612.17	264.97
33 12 19 00-0075	EA 6' Burial Section, Two Way, Modern Type Fire Hydrant	1,661.70	283.90
33 12 19 00-0076	EA 6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	1,711.26	302.83
33 12 19 00-0077	EA 7' Burial Section, Two Way, Modern Type Fire Hydrant	1,779.32	340.68

33 12 19 00-0078

Fire Hydrant Extension Kits (33 12 19 00-0001)

33 12 19 00-0079	EA 6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	284.81	18.93
33 12 19 00-0080	EA 12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	340.01	23.66
33 12 19 00-0081	EA 18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	374.37	28.39
33 12 19 00-0082	EA 24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	429.27	35.01
33 12 19 00-0083	EA 30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	625.82	36.44
33 12 19 00-0084	EA 36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	666.97	37.85
33 12 19 00-0085	EA 42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	678.91	39.75
33 12 19 00-0086	EA 48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	717.90	42.59
33 12 19 00-0087	EA 54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	797.12	51.10
33 12 19 00-0088	EA 60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	851.51	61.51
33 12 19 00-0089	EA 6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	316.52	21.19
33 12 19 00-0090	EA 12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	376.80	25.74
33 12 19 00-0091	EA 18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	434.09	31.04
33 12 19 00-0092	EA 24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	490.32	38.61
33 12 19 00-0093	EA 30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	654.01	40.13
33 12 19 00-0094	EA 36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	695.79	41.64
33 12 19 00-0095	EA 42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	725.97	43.91
33 12 19 00-0096	EA 48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	843.42	46.94
33 12 19 00-0097	EA 54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	930.84	56.02
33 12 19 00-0098	EA 60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	989.91	67.38

33 Utilities

33 10 Water Utilities

33 12 Water Utility Distribution Equipment

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 12 19 00-0099		
Remove And Reinstall Standard Fire Hydrant (33 12 19 00-0001)		
Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 12 19 00-0100	EA	Up To 5' Burial Section, Remove And Reinstall Fire Hydrant .....605.64
33 12 19 00-0101	EA	>5' Burial Section, Remove And Reinstall Fire Hydrant .....883.24
33 12 19 00-0102	EA	Reset Fire Hydrant Upper Barrel.....746.06
Note: Includes Safety Repair Kit		
33 12 33 Water Utility Metering (33 12)		
33 12 33 00-0001 Bronze Disk Type Water Service Meters (33 12 33)		
33 12 33 00-0002	EA	5/8" Diameter, 0 - 20 GPM, Screwed, Water Supply Meter, Disk Type, Bronze .....137.32 43.96
33 12 33 00-0003	EA	3/4" Diameter, 0 - 30 GPM, Screwed, Water Supply Meter, Disk Type, Bronze .....171.12 52.40
33 12 33 00-0004	EA	1" Diameter, 0 - 50 GPM, Screwed, Water Supply Meter, Disk Type, Bronze .....224.77 60.01
33 12 33 00-0005	EA	1-1/2" Diameter, 0 - 100 GPM, Screwed, Water Supply Meter, Disk Type, Bronze .....424.18 89.59
33 12 33 00-0006	EA	2" Diameter, 0 - 160 GPM, Screwed, Water Supply Meter, Disk Type, Bronze .....572.63 116.64
33 12 33 00-0007 Magnetic Driven, Positive Displacement Type Water Service Meters (33 12 33)		
33 12 33 00-0008	EA	5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i).....302.89 43.96
<i>For Owner Furnished Material, Deduct</i>		
<i>-258.40</i>		
33 12 33 00-0009	EA	3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....345.94 52.40
<i>For Owner Furnished Material, Deduct</i>		
<i>-293.12</i>		
33 12 33 00-0010	EA	1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....510.13 60.01
<i>For Owner Furnished Material, Deduct</i>		
<i>-449.76</i>		
33 12 33 00-0011	EA	1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....859.99 89.59
<i>For Owner Furnished Material, Deduct</i>		
<i>-770.08</i>		
33 12 33 00-0012	EA	2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....1,066.35 116.64
<i>For Owner Furnished Material, Deduct</i>		
<i>-948.96</i>		
33 12 33 00-0013	EA	Electronic Transmitter .....241.32 21.13
Note: For use with transmitting meter valve.		
<i>For Owner Furnished Material, Deduct</i>		
<i>-220.19</i>		
33 12 33 00-0014 Flanged Compound Type Water Service Meter (33 12 33)		
33 12 33 00-0015	EA	2" Diameter, 0 - 160 GPM Water Service Meter Compound Type, Flanged And Bronze .....1,659.04 136.08
33 12 33 00-0016	EA	3" Diameter, 0 - 320 GPM Water Service Meter Compound Type, Flanged And Bronze .....2,028.39 180.74
33 12 33 00-0017	EA	4" Diameter, 0 - 500 GPM Water Service Meter Compound Type, Flanged And Bronze .....3,271.38 250.52
33 12 33 00-0018	EA	6" Diameter, 0 - 1,000 GPM Water Service Meter Compound Type, Flanged And Bronze .....4,624.13 370.34
33 12 33 00-0019	EA	8" Diameter, 0 - 1,600 GPM Water Service Meter Compound Type, Flanged And Bronze .....9,217.28 486.27
33 12 33 00-0020	EA	10" Diameter, 0 - 2,500 GPM Water Service Meter Compound Type, Flanged And Bronze .....15,505.66 589.35
33 12 33 00-0021 Flanged Turbine Water Service Meter (33 12 33)		
33 12 33 00-0022 Vertical Turbine Meters (33 12 33 00-0021)		
33 12 33 00-0023	EA	1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged.....483.22 107.37
33 12 33 00-0024	EA	2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged.....661.56 136.08
33 12 33 00-0025	EA	3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged.....1,140.73 222.60
33 12 33 00-0026	EA	4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged.....1,652.37 308.25
33 12 33 00-0027	EA	6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged.....3,038.70 453.66
33 12 33 00-0028 Horizontal Turbine Meters (33 12 33 00-0021)		
33 12 33 00-0029	EA	1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged .....688.67 107.37
33 12 33 00-0030	EA	2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged.....954.86 136.08
33 12 33 00-0031	EA	3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged.....1,258.32 222.60
33 12 33 00-0032	EA	4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged.....1,807.80 308.25
33 12 33 00-0033	EA	6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged.....3,605.02 453.66
33 12 33 00-0034	EA	8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged.....4,825.93 595.43
33 12 33 00-0035	EA	10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged.....6,631.17 721.69
33 12 33 00-0036	EA	12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged.....7,820.56 879.17

33 13 Disinfecting of Water Utility Distribution (33 10)

33 13 00 00-0001

Water Main Disinfection/Sterilization (33 13)

Note: Gas chlorination. Continuous or plug method.

33 13 00 00-0002	EA	Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method.....763.95
33 13 00 00-0003	EA	Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method .....381.98
33 13 00 00-0004	LF	Up To 4" Diameter Pipe Water Main Disinfection/Sterilization.....0.29
<i>For >250 To 500, Deduct</i>		
<i>-0.01</i>		
<i>For >500 To 1,000, Deduct</i>		
<i>-0.03</i>		
<i>For >1,000 To 2,000, Deduct</i>		
<i>-0.04</i>		
<i>For >2,000 To 5,000, Deduct</i>		
<i>-0.06</i>		
<i>For >5,000, Deduct</i>		
<i>-0.07</i>		
33 13 00 00-0005	LF	6" Diameter Pipe Water Main Disinfection/Sterilization.....0.44
<i>For >250 To 500, Deduct</i>		
<i>-0.02</i>		
<i>For >500 To 1,000, Deduct</i>		
<i>-0.04</i>		
<i>For >1,000 To 2,000, Deduct</i>		
<i>-0.07</i>		
<i>For >2,000 To 5,000, Deduct</i>		
<i>-0.09</i>		
<i>For >5,000, Deduct</i>		
<i>-0.11</i>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 13 00 00-0006	LF		8" Diameter Pipe Water Main Disinfection/Sterilization.....	0.57	
			For >250 To 500, Deduct	-0.03	
			For >500 To 1,000, Deduct	-0.06	
			For >1,000 To 2,000, Deduct	-0.09	
			For >2,000 To 5,000, Deduct	-0.11	
			For >5,000, Deduct	-0.14	
33 13 00 00-0007	LF		10" Diameter Pipe Water Main Disinfection/Sterilization.....	0.68	
			For >250 To 500, Deduct	-0.03	
			For >500 To 1,000, Deduct	-0.07	
			For >1,000 To 2,000, Deduct	-0.10	
			For >2,000 To 5,000, Deduct	-0.14	
			For >5,000, Deduct	-0.17	
33 13 00 00-0008	LF		12" Diameter Pipe Water Main Disinfection/Sterilization.....	0.88	
			For >250 To 500, Deduct	-0.04	
			For >500 To 1,000, Deduct	-0.09	
			For >1,000 To 2,000, Deduct	-0.13	
			For >2,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.22	
33 13 00 00-0009	LF		>12" To 16" Diameter Pipe Water Main Disinfection/Sterilization.....	1.00	
			For >250 To 500, Deduct	-0.05	
			For >500 To 1,000, Deduct	-0.10	
			For >1,000 To 2,000, Deduct	-0.15	
			For >2,000 To 5,000, Deduct	-0.20	
			For >5,000, Deduct	-0.25	
33 13 00 00-0010	LF		>16" To 24" Diameter Pipe Water Main Disinfection/Sterilization.....	1.15	
			For >250 To 500, Deduct	-0.06	
			For >500 To 1,000, Deduct	-0.12	
			For >1,000 To 2,000, Deduct	-0.17	
			For >2,000 To 5,000, Deduct	-0.23	
			For >5,000, Deduct	-0.29	
33 13 00 00-0011	LF		>24" To 30" Diameter Pipe Water Main Disinfection/Sterilization.....	1.34	
			For >250 To 500, Deduct	-0.07	
			For >500 To 1,000, Deduct	-0.13	
			For >1,000 To 2,000, Deduct	-0.20	
			For >2,000 To 5,000, Deduct	-0.27	
			For >5,000, Deduct	-0.34	
33 13 00 00-0012	LF		>30" To 42" Diameter Pipe Water Main Disinfection/Sterilization.....	1.73	
			For >250 To 500, Deduct	-0.09	
			For >500 To 1,000, Deduct	-0.17	
			For >1,000 To 2,000, Deduct	-0.26	
			For >2,000 To 5,000, Deduct	-0.35	
			For >5,000, Deduct	-0.43	
33 13 00 00-0013	LF		>42" To 60" Diameter Pipe Water Main Disinfection/Sterilization.....	2.55	
			For >250 To 500, Deduct	-0.13	
			For >500 To 1,000, Deduct	-0.26	
			For >1,000 To 2,000, Deduct	-0.38	
			For >2,000 To 5,000, Deduct	-0.51	
			For >5,000, Deduct	-0.64	
33 13 00 00-0014	LF		>60" Diameter Pipe Water Main Disinfection/Sterilization.....	3.53	
			For >250 To 500, Deduct	-0.18	
			For >500 To 1,000, Deduct	-0.35	
			For >1,000 To 2,000, Deduct	-0.53	
			For >2,000 To 5,000, Deduct	-0.71	
			For >5,000, Deduct	-0.88	

33 16 Water Utility Storage Tanks ^(33 10)

33 16 13 Aboveground Water Utility Storage Tanks ^(33 16)

33 16 13 13 Steel Aboveground Water Utility Storage Tanks ^(33 16 13)

See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.

33 16 16 Underground Water Utility Storage Tanks ^(33 16)

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 20 Wells ⁽³³⁾

33 21 Water Supply Wells ^(33 20)

33 21 13 Public Water Supply Wells ^(33 21)

33 21 13 00-0001 Submersible Well Pumps ^(33 21 13)

Note: Includes pump end, motor and control box.

33 21 13 00-0002 4" Submersible Well Pumps ^(33 21 13 00-0001)

33 21 13 00-0003 Powder Coated Case And Cast Iron Ends ^(33 21 13 00-0002)

33 21 13 00-0004	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,109.07	348.32
33 21 13 00-0005	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,267.18	386.07
33 21 13 00-0006	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends.....	1,406.12	428.96

33 21 13 00-0007 Stainless Steel Case And Ends ^(33 21 13 00-0002)

33 21 13 00-0008	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	1,274.10	343.17
33 21 13 00-0009	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	1,455.96	386.07
33 21 13 00-0010	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	1,634.44	428.96
33 21 13 00-0011	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	1,882.99	471.86
33 21 13 00-0012	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	2,141.73	514.75
33 21 13 00-0013	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	2,652.41	600.55
33 21 13 00-0014	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel.....	3,374.43	686.34

33 Utilities

33 20 Wells

33 21 Water Supply Wells

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 21 13 00-0015 6" Submersible Well Pumps <small>(33 21 13 00-0001)</small>				
33 21 13 00-0016	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,176.20	857.92
33 21 13 00-0017	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,687.89	943.71
33 21 13 00-0018	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,221.28	1,029.51
33 21 13 00-0019	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	5,374.87	1,201.10

33 30 Sanitary Sewerage Utilities (33)

33 31 Sanitary Utility Sewerage Piping (33 30)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 31 00 00-0001 Plastic Sewer And Drain Piping <small>(33 31)</small>				
33 31 00 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe <small>(33 31 00 00-0001)</small>				
33 31 00 00-0003	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	4.32	2.58
33 31 00 00-0004	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	5.25	3.14
33 31 00 00-0005	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	7.87	4.46
33 31 00 00-0006	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	8.98	4.86
33 31 00 00-0007	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.28	6.26
33 31 00 00-0008	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	17.06	8.38
33 31 00 00-0009	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	24.26	11.12
33 31 00 00-0010 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe <small>(33 31 00 00-0001)</small>				
Note: D-2729 PVC pipe.				
33 31 00 00-0011	LF	3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	7.31	4.43
33 31 00 00-0012	LF	4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	9.15	5.60
33 31 00 00-0013	LF	6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	14.09	8.40
33 31 00 00-0014 Polyvinyl Chloride (PVC) Sewer And Drain Fittings <small>(33 31 00 00-0001)</small>				
33 31 00 00-0015 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>				
33 31 00 00-0016	EA	1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	16.36	10.42
33 31 00 00-0017	EA	2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.09	13.48
33 31 00 00-0018	EA	3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	30.04	18.09
33 31 00 00-0019	EA	4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	37.39	20.92
33 31 00 00-0020	EA	6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	77.60	27.18
33 31 00 00-0021	EA	8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	117.86	36.58
33 31 00 00-0022	EA	10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	156.21	48.73
33 31 00 00-0023 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>				
33 31 00 00-0024	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	16.53	10.42
33 31 00 00-0025	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.07	13.48
33 31 00 00-0026	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	29.79	18.09
33 31 00 00-0027	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	36.16	20.92
33 31 00 00-0028	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	74.49	27.18
33 31 00 00-0029	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	110.62	36.58
33 31 00 00-0030	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	134.93	48.73
33 31 00 00-0031 Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>				
33 31 00 00-0032	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	18.19	10.26
33 31 00 00-0033	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	22.25	13.48
33 31 00 00-0034	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	33.64	18.49
33 31 00 00-0035	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	45.35	22.57
33 31 00 00-0036	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	65.24	26.09
33 31 00 00-0037	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	93.72	29.77
33 31 00 00-0038	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	134.94	34.71
33 31 00 00-0039 1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>				
33 31 00 00-0040	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	16.88	10.42
33 31 00 00-0041	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	21.43	13.48
33 31 00 00-0042	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	30.82	18.09
33 31 00 00-0043	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	38.09	20.92
33 31 00 00-0044	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	87.96	27.18
33 31 00 00-0045	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	132.93	36.58
33 31 00 00-0046	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	159.64	48.73
33 31 00 00-0047 Reducers, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>				
33 31 00 00-0048	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	21.62	13.48
33 31 00 00-0049	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	32.40	18.49
33 31 00 00-0050	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	31.65	18.49
33 31 00 00-0051	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	38.98	20.92
33 31 00 00-0052	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	39.33	20.92
33 31 00 00-0053	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	73.23	27.18
33 31 00 00-0054	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	121.78	32.12

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 00 00-0055	EA 10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	112.02	58.06
33 31 00 00-0056	EA 10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	126.00	58.06
33 31 00 00-0057	EA 10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain.....	120.47	58.06
33 31 00 00-0058	Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0059	EA 1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	24.89	15.75
33 31 00 00-0060	EA 2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	32.35	20.37
33 31 00 00-0061	EA 3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	45.26	26.87
33 31 00 00-0062	EA 4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	59.40	33.38
33 31 00 00-0063	EA 6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	109.41	36.58
33 31 00 00-0064	EA 8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain.....	143.66	48.73
33 31 00 00-0065	Wyes, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0066	EA 1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	26.19	15.75
33 31 00 00-0067	EA 2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	33.10	20.37
33 31 00 00-0068	EA 3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	46.22	26.87
33 31 00 00-0069	EA 4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	60.97	33.38
33 31 00 00-0070	EA 6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	103.52	36.58
33 31 00 00-0071	EA 8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	132.48	48.73
33 31 00 00-0072	EA 10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	175.38	65.03
33 31 00 00-0073	Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0074	EA 2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	28.21	15.75
33 31 00 00-0075	EA 2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	35.07	20.37
33 31 00 00-0076	EA 3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	44.88	26.87
33 31 00 00-0077	EA 4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	58.82	33.38
33 31 00 00-0078	EA 4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	60.29	33.38
33 31 00 00-0079	Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0080	EA 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	36.00	20.37
33 31 00 00-0081	EA 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	47.41	26.87
33 31 00 00-0082	EA 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	72.65	36.27
33 31 00 00-0083	EA 4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	102.87	43.87
33 31 00 00-0084	EA 2" x 2" x 1-1/2" x 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	46.80	26.87
33 31 00 00-0085	EA 3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	67.98	36.27
33 31 00 00-0086	EA 4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	95.16	43.87
33 31 00 00-0087	Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0088	EA 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	27.80	15.75
33 31 00 00-0089	EA 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	35.61	20.37
33 31 00 00-0090	EA 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	53.78	26.87
33 31 00 00-0091	EA 4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	77.93	33.38
33 31 00 00-0092	EA 2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	41.09	20.37
33 31 00 00-0093	EA 3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	58.74	26.87
33 31 00 00-0094	EA 3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	51.84	26.87
33 31 00 00-0095	EA 4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	75.60	33.38
33 31 00 00-0096	EA 4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	77.73	33.38
33 31 00 00-0097	Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0098	EA 1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	37.25	20.37
33 31 00 00-0099	EA 2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	47.55	26.87
33 31 00 00-0100	EA 3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	66.91	36.27
33 31 00 00-0101	EA 4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	131.87	43.87
33 31 00 00-0102	EA 6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	312.64	48.58
33 31 00 00-0103	Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0104	EA 4" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain.....	168.77	85.25
33 31 00 00-0105	EA 6" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain.....	283.73	109.98
33 31 00 00-0106	EA 8" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain.....	380.42	154.99
33 31 00 00-0107	EA 10" Clean Out Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain.....	570.09	249.32
33 31 00 00-0108	Couplings, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0109	EA 1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	16.30	10.42
33 31 00 00-0110	EA 2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	20.77	13.40
33 31 00 00-0111	EA 3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	28.76	17.94
33 31 00 00-0112	EA 4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	34.32	20.92
33 31 00 00-0113	EA 6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	57.24	27.18
33 31 00 00-0114	EA 8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	102.30	36.58
33 31 00 00-0115	EA 10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain.....	146.68	48.73
33 31 00 00-0116	Adapters, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		

33 Utilities

33 30 Sanitary Sewerage Utilities

33 31 Sanitary Utility Sewerage Piping



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 31 00 00-0117	EA	4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting.....	86.12	54.62
33 31 00 00-0118	EA	2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting.....	63.68	41.55
33 31 00 00-0119	EA	2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting.....	64.29	41.55
33 31 00 00-0120	EA	3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting.....	65.93	41.55
33 31 00 00-0121	EA	4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	86.57	54.62
33 31 00 00-0122	EA	4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	85.26	54.62
33 31 00 00-0123	EA	4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	83.11	54.62
33 31 00 00-0124	EA	4" Drain Grate, Drain And Sewer Fitting.....	43.66	28.09
33 31 00 00-0125		Caps, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0126	EA	3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting.....	20.58	11.20
33 31 00 00-0127	EA	4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting.....	29.39	13.95
33 31 00 00-0128	EA	6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting.....	47.32	18.02
33 31 00 00-0129		Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 00 00-0014)</small>		
33 31 00 00-0130	EA	1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	16.38	10.42
33 31 00 00-0131	EA	2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	21.20	13.48
33 31 00 00-0132	EA	3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	29.61	18.09
33 31 00 00-0133	EA	4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	36.01	20.92
33 31 00 00-0134	EA	6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	53.13	27.18
33 31 00 00-0135	EA	8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	134.18	36.58
33 31 00 00-0136		Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe <small>(33 31 00 00-0001)</small> Note: ASTM 3034.		
33 31 00 00-0137	LF	4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	8.69	3.78
33 31 00 00-0138	LF	6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	11.40	4.08
33 31 00 00-0139	LF	8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	14.94	4.33
33 31 00 00-0140	LF	10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	20.06	5.10
33 31 00 00-0141	LF	12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	25.09	5.26
33 31 00 00-0142	LF	15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	38.92	8.67
33 31 00 00-0143	LF	18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	52.43	11.14
33 31 00 00-0144	LF	21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	68.37	13.00
33 31 00 00-0145	LF	24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	83.25	14.85
33 31 00 00-0146	LF	27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe.....	101.64	16.71
33 31 00 00-0147		Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe <small>(33 31 00 00-0001)</small> Note: ASTM 3034.		
33 31 00 00-0148	LF	4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	7.68	3.78
33 31 00 00-0149	LF	6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	9.61	4.08
33 31 00 00-0150	LF	8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	12.03	4.33
33 31 00 00-0151		Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings <small>(33 31 00 00-0001)</small> Note: ASTM 3034.		
33 31 00 00-0152		1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0153	EA	4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	50.10	19.51
33 31 00 00-0154	EA	6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	70.14	22.69
33 31 00 00-0155	EA	8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	132.51	25.72
33 31 00 00-0156	EA	10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	351.15	30.25
33 31 00 00-0157	EA	12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	453.41	38.57
33 31 00 00-0158		1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0159	EA	4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	46.48	19.51
33 31 00 00-0160	EA	6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	66.16	22.69
33 31 00 00-0161	EA	8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	122.44	25.72
33 31 00 00-0162	EA	10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	256.33	30.25
33 31 00 00-0163	EA	12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	363.26	38.57
33 31 00 00-0164	EA	15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	760.20	54.47
33 31 00 00-0165	EA	18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,200.04	77.16
33 31 00 00-0166	EA	21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,984.80	102.12
33 31 00 00-0167	EA	24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,704.28	136.15
33 31 00 00-0168		Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0169	EA	4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	75.67	29.28
33 31 00 00-0170	EA	6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	112.25	32.45
33 31 00 00-0171	EA	6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	124.57	34.04
33 31 00 00-0172	EA	8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	136.24	35.63
33 31 00 00-0173	EA	8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	153.69	37.21
33 31 00 00-0174	EA	8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	273.22	38.81
33 31 00 00-0175	EA	10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	343.46	39.71
33 31 00 00-0176	EA	10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	387.03	41.60
33 31 00 00-0177	EA	10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	559.64	43.19
33 31 00 00-0178	EA	10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	722.37	45.38
33 31 00 00-0179	EA	12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	422.25	48.34
33 31 00 00-0180	EA	12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	447.36	49.92
33 31 00 00-0181	EA	12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	625.52	51.51
33 31 00 00-0182	EA	12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	888.85	53.71
33 31 00 00-0183	EA	12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	999.97	57.87

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT
 UNIT COST
 DEMOLITION
 UNIT COST

33 31 00 00-0184	Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0185	EA 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	72.86	29.28
33 31 00 00-0186	EA 6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	102.91	32.45
33 31 00 00-0187	EA 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	112.02	34.04
33 31 00 00-0188	EA 8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	132.23	35.63
33 31 00 00-0189	EA 8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	148.91	37.21
33 31 00 00-0190	EA 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	216.14	38.81
33 31 00 00-0191	EA 10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	316.53	40.02
33 31 00 00-0192	EA 10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	323.40	41.60
33 31 00 00-0193	EA 10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	473.96	43.19
33 31 00 00-0194	EA 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	522.93	45.38
33 31 00 00-0195	EA 12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	399.64	48.34
33 31 00 00-0196	EA 12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	412.24	49.92
33 31 00 00-0197	EA 12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	577.37	51.51
33 31 00 00-0198	EA 12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	690.27	53.71
33 31 00 00-0199	EA 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	721.90	57.87
33 31 00 00-0200	EA 15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	888.55	69.60
33 31 00 00-0201	EA 15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	983.55	73.75
33 31 00 00-0202	EA 15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,222.86	81.70
33 31 00 00-0203	Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0204	EA 4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	49.78	19.51
33 31 00 00-0205	EA 6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	72.28	22.69
33 31 00 00-0206	EA 8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	101.63	25.87
33 31 00 00-0207	EA 10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	180.32	30.25
33 31 00 00-0208	EA 12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	253.01	38.57
33 31 00 00-0209	EA 15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	481.21	54.47
33 31 00 00-0210	EA 18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	888.63	77.16
33 31 00 00-0211	EA 21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,465.49	102.12
33 31 00 00-0212	EA 24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,113.89	136.15
33 31 00 00-0213	Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0214	EA 6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	84.70	21.11
33 31 00 00-0215	EA 8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	116.45	22.69
33 31 00 00-0216	EA 8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	123.03	24.28
33 31 00 00-0217	EA 10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	258.76	26.47
33 31 00 00-0218	EA 10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	295.84	28.07
33 31 00 00-0219	EA 12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	330.11	30.64
33 31 00 00-0220	EA 12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	376.97	32.22
33 31 00 00-0221	EA 12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	430.57	34.42
33 31 00 00-0222	EA 15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)	644.82	46.52
33 31 00 00-0223	Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0224	EA 6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	73.49	
33 31 00 00-0225	EA 8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	95.28	
33 31 00 00-0226	EA 8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	97.01	
33 31 00 00-0227	EA 10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	151.92	
33 31 00 00-0228	EA 10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	159.16	
33 31 00 00-0229	EA 10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	283.76	
33 31 00 00-0230	EA 12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	174.59	
33 31 00 00-0231	EA 12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	188.17	
33 31 00 00-0232	EA 12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	389.33	
33 31 00 00-0233	EA 12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	454.70	
33 31 00 00-0234	EA 15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	206.99	
33 31 00 00-0235	EA 15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	218.84	
33 31 00 00-0236	Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 00 00-0151)</small>		
33 31 00 00-0237	EA 6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	77.54	
33 31 00 00-0238	EA 8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	95.28	
33 31 00 00-0239	EA 8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	102.53	
33 31 00 00-0240	EA 10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	141.18	
33 31 00 00-0241	EA 10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	158.29	
33 31 00 00-0242	EA 10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	229.68	
33 31 00 00-0243	EA 12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	173.73	
33 31 00 00-0244	EA 12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	187.35	
33 31 00 00-0245	EA 12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	268.24	
33 31 00 00-0246	EA 12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	321.03	
33 31 00 00-0247	EA 15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	206.46	
33 31 00 00-0248	EA 15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	214.83	
33 31 00 00-0249	EA 15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	334.43	
33 31 00 00-0250	EA 15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	366.29	
33 31 00 00-0251	EA 15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)	503.22	
33 31 00 00-0252	Couplings And Plug Fittings <small>(33 31)</small>		

33 Utilities

33 30 Sanitary Sewerage Utilities

33 31 Sanitary Utility Sewerage Piping

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 31 00 00-0253		Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings <small>(33 31 00 00-0253)</small>	
Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps. Femco 1056.			
33 31 00 00-0254	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	14.08 5.15
33 31 00 00-0255	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	15.43 6.01
33 31 00 00-0256	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	17.77 6.87
33 31 00 00-0257	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	20.07 7.30
33 31 00 00-0258	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	24.32 7.73
33 31 00 00-0259	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	28.59 8.59
33 31 00 00-0260	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	35.97 9.45
33 31 00 00-0261	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	44.06 9.88
33 31 00 00-0262	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	84.08 10.30
33 31 00 00-0263	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	115.16 11.16
33 31 00 00-0264	EA	18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	224.17 11.59
33 31 00 00-0265	EA	21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	260.72 12.24
33 31 00 00-0266	EA	24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	288.99 12.88
33 31 00 00-0267	EA	27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Coupling.....	346.49 13.74

33 31 00 00-0268		Cast Iron Service Saddles With U Bolt <small>(33 31)</small>	
33 31 00 00-0269	EA	2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt.....	84.86
33 31 00 00-0270	EA	3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt.....	85.29
33 31 00 00-0271	EA	3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt.....	93.91
33 31 00 00-0272	EA	4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt.....	90.81
33 31 00 00-0273	EA	4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt.....	102.40
33 31 00 00-0274	EA	4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt.....	115.07
33 31 00 00-0275	EA	4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt.....	136.27
33 31 00 00-0276	EA	6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt.....	115.18
33 31 00 00-0277	EA	6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt.....	123.33
33 31 00 00-0278	EA	6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt.....	145.27
33 31 00 00-0279	EA	4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt.....	93.26
33 31 00 00-0280	EA	4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt.....	101.88
33 31 00 00-0281	EA	4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt.....	120.79
33 31 00 00-0282	EA	4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt.....	143.30
33 31 00 00-0283	EA	6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt.....	154.02

33 32 Wastewater Utility Pumping Stations (33 30)33 32 16 Packaged Utility Wastewater Pumping Stations (33 32)33 32 16 13 Packaged Sewage Grinder Pumping Units (33 32 16)

33 32 16 13-0001		Submersible Grinder Pumps, Cast Iron With Bronze Impeller <small>(33 32 16 13)</small>	
33 32 16 13-0002	EA	2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	1,925.06 253.74
Note: Zoeller 840 series.			
33 32 16 13-0003	EA	2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge.....	1,895.76 253.74
Note: Zoeller 840 series.			
33 32 16 13-0004	EA	Simplex Control Panel With Auto Reversing Switch.....	930.01 84.55
Note: For Zoeller 840 series grinder pump.			
33 32 16 13-0005	EA	Duplex Control Panel With Auto Reversing Switch.....	1,474.57 84.55
Note: For Zoeller 840 series grinder pump.			
33 32 16 13-0006	EA	Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74).....	7,305.25
33 32 16 13-0007		Submersible Grinder Pumps <small>(33 32 16 13)</small>	
Note: Includes 50' of cord with pumps unless otherwise noted.			
33 32 16 13-0008	EA	2 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof.....	3,330.33 514.75
33 32 16 13-0009	EA	3 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof.....	5,078.67 600.55
33 32 16 13-0010	EA	5 HP Submersible Grinder Pump @ 3450RPM, Explosion Proof.....	6,197.27 772.13

33 39 Sanitary Utility Sewerage Structures (33 30)33 39 13 Sanitary Utility Sewerage Manholes, Frames, And Covers (33 39)

See CSI section 22 13 19 26-0043 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill, 33 44 19 00-0000 for oil separators.

33 39 13 00-0001		Manholes <small>(33 39 13)</small>	
33 39 13 00-0002		Cast In Place Concrete, 8" Thick <small>(33 39 13 00-0001)</small>	
Note: Includes base, wall, top and block-out for openings.			
33 39 13 00-0003		48" Diameter <small>(33 39 13 00-0002)</small>	
33 39 13 00-0004	EA	4' Diameter x 4' Deep Cast In Place Manhole 8" Thick.....	1,596.66 487.09
33 39 13 00-0005	EA	4' Diameter x 6' Deep Cast In Place Manhole 8" Thick.....	2,203.97 666.40
33 39 13 00-0006	EA	4' Diameter x 8' Deep Cast In Place Manhole 8" Thick.....	3,117.86 999.00
33 39 13 00-0007	VLF	4' Diameter x Vertical Linear Foot Depth Cast In Place Manhole 8" Thick, Over 8'.....	384.73 124.93
33 39 13 00-0008		Precast Concrete Manholes <small>(33 39 13 00-0001)</small>	
Note: Includes base, riser(s), reducer and openings. See CSI section 33 39 13 00-0044 for top slabs.			
33 39 13 00-0009		3' Diameter, 8" Thick Walls, Precast Concrete Manholes <small>(33 39 13 00-0008)</small>	
33 39 13 00-0010	EA	4' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole.....	1,052.52 230.53
		For 6" Thick Wall, Deduct	-82.20

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 39 13 00-0011	EA	6' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		1,470.99 -115.57	315.27
33 39 13 00-0012	EA	8' Deep x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		2,035.28 -156.24	472.90
33 39 13 00-0013	VLF	Vertical Linear Foot Depth Over 8', x 3' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		250.53 -19.14	63.05
33 39 13 00-0014		3'-6" Diameter, 8" Thick Walls, Precast Concrete Manholes <small>(33 39 13 00-0008)</small>			
33 39 13 00-0015	EA	4' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole For 6" Thick Wall, Deduct		1,188.98 -94.86	240.39
33 39 13 00-0016	EA	6' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole For 6" Thick Wall, Deduct		1,656.01 -132.73	328.66
33 39 13 00-0017	EA	8' Deep x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole For 6" Thick Wall, Deduct		2,274.34 -178.17	492.61
33 39 13 00-0018	VLF	Vertical Linear Foot Depth Over 8', x 3'-6" Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		278.82 -21.73	63.05
33 39 13 00-0019		4' Diameter, 8" Thick Walls, Precast Concrete Manholes <small>(33 39 13 00-0008)</small>			
33 39 13 00-0020	EA	4' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		1,329.76 -107.99	248.27
33 39 13 00-0021	EA	6' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		1,845.12 -150.36	338.91
33 39 13 00-0022	EA	8' Deep x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		2,518.77 -200.65	512.30
33 39 13 00-0023	VLF	Vertical Linear Foot Depth Over 8', x 4' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		307.92 -24.39	65.02
33 39 13 00-0024	VLF	Vertical Linear Foot Depth x 4' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone..... For 6" Thick Wall, Deduct		376.70 -31.27	65.02
33 39 13 00-0025		5' Diameter, 8" Thick Walls, Precast Concrete Manholes <small>(33 39 13 00-0008)</small>			
33 39 13 00-0026	EA	4' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		1,642.73 -136.61	275.86
33 39 13 00-0027	EA	6' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		2,260.06 -188.23	378.32
33 39 13 00-0028	EA	8' Deep x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		3,052.84 -248.61	567.48
33 39 13 00-0029	VLF	Vertical Linear Foot Depth Over 8', x 5' Diameter, 8" Thick Walls, Precast Concrete Manhole..... For 6" Thick Wall, Deduct		370.95 -30.00	70.93
33 39 13 00-0030	VLF	Vertical Linear Foot Depth x 5' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone..... For 6" Thick Wall, Deduct		445.28 -37.44	70.93
33 39 13 00-0031		6' Diameter, 8" Thick Walls, Precast Concrete Manholes <small>(33 39 13 00-0008)</small>			
33 39 13 00-0032	EA	4' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....		1,983.90	307.39
33 39 13 00-0033	EA	6' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....		2,707.53	417.72
33 39 13 00-0034	EA	8' Deep x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....		3,627.56	630.53
33 39 13 00-0035	VLF	Vertical Linear Foot Depth Over 8', x 6' Diameter, 8" Thick Walls, Precast Concrete Manhole.....		437.78	78.82
33 39 13 00-0036	VLF	Vertical Linear Foot Depth x 6' Diameter, 8" Thick Walls, Precast Manhole Polyvinyl Chloride (PVC) Lined Riser / Cone.....		506.56	78.82
33 39 13 00-0037		Brick Manholes <small>(33 39 13 00-0001)</small>			
33 39 13 00-0038		4' Inside Diameter x 8" Wall (2 Brick) <small>(33 39 13 00-0037)</small>			
33 39 13 00-0039	EA	4' Inside Diameter x 4' Deep Brick Manhole, 8" Wall.....		2,159.19	796.46
33 39 13 00-0040	EA	4' Inside Diameter x 6' Deep Brick Manhole, 8" Wall.....		3,159.71	1,172.97
33 39 13 00-0041	EA	4' Inside Diameter x 8' Deep Brick Manhole, 8" Wall.....		4,182.08	1,592.93
33 39 13 00-0042	VLF	4' Inside Diameter x Vertical Linear Foot Depth Brick Manhole, 8" Wall, Over 8'.....		541.69	199.11
33 39 13 00-0043		Manhole Accessories <small>(33 39 13)</small>			
33 39 13 00-0044		Precast Concrete Manhole Tops <small>(33 39 13 00-0043)</small>			
33 39 13 00-0045		Precast Concrete Manhole Slab Tops <small>(33 39 13 00-0044)</small>			
33 39 13 00-0046	EA	3' Diameter x 8" Thick Precast Manhole Top Slab.....		423.22	59.11
33 39 13 00-0047	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Slab.....		500.86	61.47
33 39 13 00-0048	EA	4' Diameter x 8" Thick Precast Manhole Top Slab.....		588.04	63.84
33 39 13 00-0049	EA	5' Diameter x 8" Thick Precast Manhole Top Slab.....		791.89	68.57
33 39 13 00-0050	EA	6' Diameter x 8" Thick Precast Manhole Top Slab.....		946.44	73.30
33 39 13 00-0051		Precast Concrete Manhole Cone Tops <small>(33 39 13 00-0044)</small>			
33 39 13 00-0052	EA	3' Diameter x 8" Thick Precast Manhole Top Cone.....		669.10	73.89
33 39 13 00-0053	EA	3'-6" Diameter x 8" Thick Precast Manhole Top Cone.....		743.18	76.84
33 39 13 00-0054	EA	4' Diameter x 8" Thick Precast Manhole Top Cone.....		817.26	79.80
33 39 13 00-0055	EA	5' Diameter x 8" Thick Precast Manhole Top Cone.....		961.46	84.73
33 39 13 00-0056	EA	6' Diameter x 8" Thick Precast Manhole Top Cone.....		1,109.63	90.64
33 39 13 00-0057		Pipe To Manhole Connector <small>(33 39 13 00-0043)</small>			

33 Utilities**33 30 Sanitary Sewerage Utilities****33 39 Sanitary Utility Sewerage Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 39 13 00-0058		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors <small>(33 39 13 00-0057)</small>	
33 39 13 00-0059	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	55.26
33 39 13 00-0060	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	78.28
33 39 13 00-0061	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	88.40
33 39 13 00-0062	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	128.90
33 39 13 00-0063	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	178.15
33 39 13 00-0064	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	237.65
33 39 13 00-0065	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	416.70
33 39 13 00-0066	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	575.97
33 39 13 00-0067	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	895.00
33 39 13 00-0068	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,057.96
33 39 13 00-0069		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout <small>(33 39 13 00-0067)</small>	
		Note: Fernco CMA.	
33 39 13 00-0070	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	72.64
33 39 13 00-0071	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	100.08
33 39 13 00-0072	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	126.21
33 39 13 00-0073	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	152.25
33 39 13 00-0074	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	176.79
33 39 13 00-0075		Brick And Grout Pipe To Manhole Connector <small>(33 39 13 00-0057)</small>	
33 39 13 00-0076	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....	178.94
33 39 13 00-0077		Inverts For Manholes <small>(33 39 13 00-0043)</small>	
33 39 13 00-0078	EA	Single Channel Concrete Invert For Manholes.....	337.78
33 39 13 00-0079	EA	Double Channel Concrete Invert For Manholes.....	485.83
33 39 13 00-0080	EA	Triple Channel Concrete Invert For Manholes.....	654.79
33 39 13 00-0081	EA	Quad Channel Concrete Invert For Manholes.....	823.70
33 39 13 00-0082	EA	Single Channel Brick Invert For Manholes.....	460.33
33 39 13 00-0083	EA	Double Channel Brick Invert For Manholes.....	689.41
33 39 13 00-0084	EA	Triple Channel Brick Invert For Manholes.....	922.52
33 39 13 00-0085	EA	Quad Channel Brick Invert For Manholes.....	1,152.64
33 39 13 00-0086		Steps For Cast-In-Place Manholes <small>(33 39 13 00-0043)</small>	
		See CSI section 33 01 30 73-0062 for installation of steps in existing manholes.	
33 39 13 00-0087	EA	Cast Iron Manhole Step For New Manholes.....	52.09
33 39 13 00-0088	EA	Galvanized Steel Manhole Step For New Manholes.....	39.35
33 39 13 00-0089	EA	Aluminum Manhole Step For New Manholes.....	36.87
33 39 13 00-0090	EA	Polypropylene Manhole Step For New Manholes.....	31.31
33 39 13 00-0091		Protective Coating For New Manholes <small>(33 39 13 00-0043)</small>	
33 39 13 00-0092		Polyurethane Protective Coating For New Manholes <small>(33 39 13 00-0091)</small>	
33 39 13 00-0093	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior.....	129.84
		For 80 Mil Material, Add	17.64
		For 100 Mil Material, Add	35.29
		For 125 Mil Material, Add	55.48
		For 150 Mil Material, Add	75.67
		For 200 Mil Material, Add	111.10
		For 2 To 5 Manholes, Deduct	-8.97
		For 6 To 10 Manholes, Deduct	-14.70
		For >10 Manholes, Deduct	-29.40
33 39 13 00-0094	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior.....	157.03
		For 80 Mil Material, Add	21.01
		For 100 Mil Material, Add	42.01
		For 125 Mil Material, Add	66.00
		For 150 Mil Material, Add	89.99
		For 200 Mil Material, Add	131.89
		For 2 To 5 Manholes, Deduct	-10.88
		For 6 To 10 Manholes, Deduct	-17.84
		For >10 Manholes, Deduct	-35.68
33 39 13 00-0095	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior.....	173.12
		For 80 Mil Material, Add	23.52
		For 100 Mil Material, Add	47.05
		For 125 Mil Material, Add	73.97
		For 150 Mil Material, Add	100.90
		For 200 Mil Material, Add	148.13
		For 2 To 5 Manholes, Deduct	-11.96
		For 6 To 10 Manholes, Deduct	-19.60
		For >10 Manholes, Deduct	-39.20
33 39 13 00-0096	VLF	60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior.....	216.43
		For 80 Mil Material, Add	29.41
		For 100 Mil Material, Add	58.83
		For 125 Mil Material, Add	92.50
		For 150 Mil Material, Add	126.17
		For 200 Mil Material, Add	185.23
		For 2 To 5 Manholes, Deduct	-14.96
		For 6 To 10 Manholes, Deduct	-24.50
		For >10 Manholes, Deduct	-49.00

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 39 13 00-0097	VLF 60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	250.89	
	<i>For 80 Mil Material, Add</i>	34.63	
	<i>For 100 Mil Material, Add</i>	69.27	
	<i>For 125 Mil Material, Add</i>	109.01	
	<i>For 150 Mil Material, Add</i>	148.74	
	<i>For 200 Mil Material, Add</i>	218.73	
	<i>For 2 To 5 Manholes, Deduct</i>	-17.29	
	<i>For 6 To 10 Manholes, Deduct</i>	-28.30	
	<i>For >10 Manholes, Deduct</i>	-56.60	
33 39 13 00-0098	Polyvinyl Chloride (PVC) Liner <small>(33 39 13 00-0091)</small>		
	Note: For new manholes and shop applied.		
33 39 13 00-0099	VLF 3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	143.86	
33 39 13 00-0100	VLF 3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	176.34	
33 39 13 00-0101	VLF 4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	215.19	
33 39 13 00-0102	VLF 5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	270.24	
33 39 13 00-0103	VLF 6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	325.28	
33 39 13 00-0104	SF Polyvinyl Chloride (PVC) Liner At Structures	22.55	
33 39 13 00-0105	Concrete Grade Extensions/Grade Rings <small>(33 39 13 00-0043)</small>		
33 39 13 00-0106	18" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 39 13 00-0105)</small>		
33 39 13 00-0107	EA 4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings.....	81.35	
33 39 13 00-0108	EA 6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	90.52	
33 39 13 00-0109	EA 8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	99.70	
33 39 13 00-0110	EA 10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	88.24	
33 39 13 00-0111	24" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 39 13 00-0105)</small>		
33 39 13 00-0112	EA 4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	91.55	
33 39 13 00-0113	EA 6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	101.97	
33 39 13 00-0114	EA 8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	112.40	
33 39 13 00-0115	EA 10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	122.83	
33 39 13 00-0116	30" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 39 13 00-0105)</small>		
33 39 13 00-0117	EA 4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	101.48	
33 39 13 00-0118	EA 6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	113.11	
33 39 13 00-0119	EA 8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	124.73	
33 39 13 00-0120	EA 10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	136.36	
33 39 13 00-0121	Bentonite Collar <small>(33 39 13 00-0043)</small>		
33 39 13 00-0122	Bentonite Collar At Manhole Connections <small>(33 39 13 00-0121)</small>		
33 39 13 00-0123	EA Up To 12" Pipe, Bentonite Collar At Manhole Connection	97.67	
33 39 13 00-0124	EA >12" To 21", Bentonite Collar At Manhole Connection	154.91	
33 39 13 00-0125	EA >21" To 30" Pipe, Bentonite Collar At Manhole Connection	247.38	
33 39 13 00-0126	EA >30" To 36" Pipe, Bentonite Collar At Manhole Connection	580.45	
33 39 13 00-0127	EA >36" To 48" Pipe, Bentonite Collar At Manhole Connection	892.63	
33 39 13 00-0128	EA >48" To 60" Pipe, Bentonite Collar At Manhole Connection	1,617.11	
33 39 13 00-0129	Manhole Covers And Frames <small>(33 39 13)</small>		
	Note: Includes moisture-tight masonry joints and waterproof grouting.		
33 39 13 00-0130	Rainguard Inflow Protectors <small>(33 39 13 00-0129)</small>		
33 39 13 00-0131	EA 18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	95.34	17.86
33 39 13 00-0132	EA 22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	107.05	17.86
33 39 13 00-0133	EA 24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	128.08	21.43
33 39 13 00-0134	EA 26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	135.48	21.43
33 39 13 00-0135	EA 30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	166.25	25.01
33 39 13 00-0136	EA 32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	175.34	25.01
33 39 13 00-0137	Regular Manhole Covers And Frames, City Type <small>(33 39 13 00-0129)</small>		
33 39 13 00-0138	EA 18" Square x 75 LB Regular Cast Iron Manhole Cover With Frame, City Type	436.17	67.78
	<i>For Malleable Iron Castings, Add</i>	69.37	
	<i>For Ductile Iron Castings, Add</i>	161.87	
	<i>For Heavy Duty, Add</i>	162.91	
33 39 13 00-0139	EA 18" Diameter x 100 LB Regular Cast Iron Manhole Cover With Frame, City Type	650.28	67.78
	<i>For Malleable Iron Castings, Add</i>	133.61	
	<i>For Ductile Iron Castings, Add</i>	311.75	
	<i>For Heavy Duty, Add</i>	237.84	
33 39 13 00-0140	EA 24" Square x 126 LB Regular Cast Iron Manhole Cover With Frame, City Type	663.81	74.09
	<i>For Malleable Iron Castings, Add</i>	132.32	
	<i>For Ductile Iron Castings, Add</i>	308.75	
	<i>For Heavy Duty, Add</i>	243.47	
33 39 13 00-0141	EA 24" Diameter x 200 LB Regular Cast Iron Manhole Cover With Frame, City Type	685.22	74.09
	<i>For Malleable Iron Castings, Add</i>	138.74	
	<i>For Ductile Iron Castings, Add</i>	323.74	
	<i>For Heavy Duty, Add</i>	250.96	

33 Utilities**33 30 Sanitary Sewerage Utilities****33 39 Sanitary Utility Sewerage Structures**
 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 39	13 00-0142	EA	24" Diameter x 300 LB Regular Cast Iron Manhole Cover With Frame, City Type	746.04	78.82
			For Malleable Iron Castings, Add	152.87	
			For Ductile Iron Castings, Add	356.71	
			For Heavy Duty, Add	272.94	
33 39	13 00-0143	EA	24" Diameter x 400 LB Regular Cast Iron Manhole Cover With Frame, City Type	821.55	87.49
			For Malleable Iron Castings, Add	167.65	
			For Ductile Iron Castings, Add	391.18	
			For Heavy Duty, Add	300.68	
33 39	13 00-0144	EA	24" Square x 500 LB Regular Cast Iron Manhole Cover With Frame, City Type	965.00	87.49
			For Malleable Iron Castings, Add	210.68	
			For Ductile Iron Castings, Add	491.60	
			For Heavy Duty, Add	350.89	
33 39	13 00-0145	EA	26" Diameter x 475 LB Regular Cast Iron Manhole Cover With Frame, City Type	959.32	94.58
			For Malleable Iron Castings, Add	202.34	
			For Ductile Iron Castings, Add	472.12	
			For Heavy Duty, Add	350.01	
33 39	13 00-0146	EA	30" Diameter x 620 LB Regular Cast Iron Manhole Cover With Frame, City Type	1,085.62	98.52
			For Malleable Iron Castings, Add	237.02	
			For Ductile Iron Castings, Add	553.05	
			For Heavy Duty, Add	394.74	
33 39	13 00-0147		Watertight Type Manhole Covers And Frames <small>(33 39 13 00-0129)</small>		
33 39	13 00-0148	EA	20" Diameter x 200 LB Watertight Manhole Cover With Frame	665.95	55.96
			For Malleable Iron Castings, Add	132.96	
			For Ductile Iron Castings, Add	310.25	
33 39	13 00-0149	EA	22" Diameter x 300 LB Watertight Manhole Cover With Frame	851.38	55.96
			For Malleable Iron Castings, Add	183.09	
			For Ductile Iron Castings, Add	427.20	
33 39	13 00-0150	EA	24" Diameter x 350 LB Watertight Manhole Cover With Frame	956.42	65.41
			For Malleable Iron Castings, Add	208.11	
			For Ductile Iron Castings, Add	485.59	
33 39	13 00-0151	EA	26" Diameter x 500 LB Watertight Manhole Cover With Frame	1,175.89	73.30
			For Malleable Iron Castings, Add	267.31	
			For Ductile Iron Castings, Add	623.71	
33 39	13 00-0152	EA	30" Diameter x 550 LB Watertight Manhole Cover With Frame	1,139.78	74.87
			For Malleable Iron Castings, Add	253.27	
			For Ductile Iron Castings, Add	590.96	
33 39	13 00-0153	EA	32" Diameter x 575 LB Watertight Manhole Cover With Frame	1,225.03	76.45
			For Malleable Iron Castings, Add	277.68	
			For Ductile Iron Castings, Add	647.93	
33 39	13 00-0154	EA	36" Diameter x 600 LB Watertight Manhole Cover With Frame	1,391.80	78.82
			For Malleable Iron Castings, Add	326.51	
			For Ductile Iron Castings, Add	761.85	
33 39	13 00-0155		Aluminum Manhole Covers And Frames <small>(33 39 13 00-0129)</small>		
33 39	13 00-0156	EA	12" Square Aluminum Manhole Cover With Frame	376.21	24.39
33 39	13 00-0157	EA	18" Square Aluminum Manhole Cover With Frame	645.66	27.01
33 39	13 00-0158	EA	24" Square Aluminum Manhole Cover With Frame	906.33	31.36
33 39	13 00-0159		Remove And Reinstall Manhole Cover And Frame <small>(33 39 13 00-0129)</small>		
			Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 39	13 00-0160	EA	Remove And Reinstall Manhole Cover And Frame	316.00	
33 39	13 00-0161		Waste Water Collection System Taps <small>(33 39 13)</small>		
			Note: For tapping existing structures only. Includes grout.		
33 39	13 00-0162		Brick Manhole Taps <small>(33 39 13 00-0161)</small>		
33 39	13 00-0163	EA	4" Tap In 6" Brick Manhole	363.05	
33 39	13 00-0164	EA	6" Tap In 6" Brick Manhole	406.13	
33 39	13 00-0165	EA	8" Tap In 6" Brick Manhole	448.44	
33 39	13 00-0166	EA	10" Tap In 6" Brick Manhole	490.66	
33 39	13 00-0167	EA	12" Tap In 6" Brick Manhole	540.43	
33 39	13 00-0168	EA	15" Tap In 6" Brick Manhole	582.58	
33 39	13 00-0169		Precast Concrete Manhole Tap <small>(33 39 13 00-0161)</small>		
33 39	13 00-0170	EA	4" Tap In 8" Thick Precast Concrete Manhole	532.54	
33 39	13 00-0171	EA	6" Tap In 8" Thick Precast Concrete Manhole	597.17	
33 39	13 00-0172	EA	8" Tap In 8" Thick Precast Concrete Manhole	666.85	
33 39	13 00-0173	EA	10" Tap In 8" Thick Precast Concrete Manhole	730.18	
33 39	13 00-0174	EA	12" Tap In 8" Thick Precast Concrete Manhole	793.40	
33 39	13 00-0175	EA	15" Tap In 8" Thick Precast Concrete Manhole	858.14	

33 40 Storm Drainage Utilities (33)**33 41 Storm Utility Drainage Piping (33 40)**

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 41 13 Public Storm Utility Drainage Piping (33 41)**33 41 13 00-0001 Reinforced Concrete Piping (33 41 13)**

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

33 41 13 00-002 Class 3 Reinforced Concrete Pipe Without Gaskets (33 41 13 00-002)		
33 41 13 00-0003 LF 12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	33.89	12.57
For >1,000, Deduct	-1.69	
For Class 4, Add	1.51	
For Class 5, Add	4.78	
33 41 13 00-0004 LF 15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	40.37	13.99
For >1,000, Deduct	-2.02	
For Class 4, Add	1.94	
For Class 5, Add	6.11	
33 41 13 00-0005 LF 18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	46.37	17.45
For >1,000, Deduct	-2.32	
For Class 4, Add	2.04	
For Class 5, Add	6.43	
33 41 13 00-0006 LF 21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	59.30	22.01
For >1,000, Deduct	-2.97	
For Class 4, Add	2.65	
For Class 5, Add	8.36	
33 41 13 00-0007 LF 24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	69.71	26.72
For >1,000, Deduct	-3.49	
For Class 4, Add	3.00	
For Class 5, Add	9.46	
33 41 13 00-0008 LF 27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	86.92	32.99
For >1,000, Deduct	-4.35	
For Class 4, Add	3.78	
For Class 5, Add	11.94	
33 41 13 00-0009 LF 30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	92.28	34.07
For >1,000, Deduct	-4.61	
For Class 4, Add	4.09	
For Class 5, Add	12.91	
33 41 13 00-0010 LF 36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	113.11	38.71
For >1,000, Deduct	-5.66	
For Class 4, Add	5.55	
For Class 5, Add	17.51	
33 41 13 00-0011 LF 42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	144.70	42.58
For >1,000, Deduct	-7.24	
For Class 4, Add	8.02	
For Class 5, Add	25.34	
33 41 13 00-0012 LF 48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	172.51	47.42
For >1,000, Deduct	-8.63	
For Class 4, Add	9.95	
For Class 5, Add	31.43	
33 41 13 00-0013 LF 54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	213.46	54.20
For >1,000, Deduct	-10.67	
For Class 4, Add	12.92	
For Class 5, Add	40.81	
33 41 13 00-0014 LF 60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	257.11	62.87
For >1,000, Deduct	-12.86	
For Class 4, Add	15.89	
For Class 5, Add	50.19	
33 41 13 00-0015 Concrete Reducing Wye Without Gaskets (33 41 13 00-0015)		
33 41 13 00-0016 EA 12" Concrete Reducing Wye Without Gaskets.....	383.74	47.91
33 41 13 00-0017 EA 15" Concrete Reducing Wye Without Gaskets.....	460.48	58.39
33 41 13 00-0018 EA 18" Concrete Reducing Wye Without Gaskets.....	566.82	64.37
33 41 13 00-0019 EA 21" Concrete Reducing Wye Without Gaskets.....	652.15	79.34
33 41 13 00-0020 EA 24" Concrete Reducing Wye Without Gaskets.....	738.68	95.81
33 41 13 00-0021 Concrete Pipe Joint Gaskets (33 41 13 00-0021)		
33 41 13 00-0022 EA 12" Diameter Concrete Pipe Joint Gasket.....	3.53	
33 41 13 00-0023 EA 15" Diameter Concrete Pipe Joint Gasket.....	4.18	
33 41 13 00-0024 EA 18" Diameter Concrete Pipe Joint Gasket.....	4.84	
33 41 13 00-0025 EA 21" Diameter Concrete Pipe Joint Gasket.....	5.85	
33 41 13 00-0026 EA 24" Diameter Concrete Pipe Joint Gasket.....	6.85	
33 41 13 00-0027 EA 27" Diameter Concrete Pipe Joint Gasket.....	7.63	
33 41 13 00-0028 EA 30" Diameter Concrete Pipe Joint Gasket.....	8.39	
33 41 13 00-0029 EA 36" Diameter Concrete Pipe Joint Gasket.....	10.25	
33 41 13 00-0030 EA 42" Diameter Concrete Pipe Joint Gasket.....	11.88	
33 41 13 00-0031 EA 48" Diameter Concrete Pipe Joint Gasket.....	13.70	
33 41 13 00-0032 EA 54" Diameter Concrete Pipe Joint Gasket.....	16.80	
33 41 13 00-0033 EA 60" Diameter Concrete Pipe Joint Gasket.....	24.86	
33 41 13 00-0034 Precast Concrete End Sections (33 41 13 00-0034)		
33 41 13 00-0035 Precast Concrete End Sections (33 41 13 00-0035)		
33 41 13 00-0036 EA 12" Diameter Pipe, Precast Concrete End Section.....	586.93	87.80
33 41 13 00-0037 EA 15" Diameter Pipe, Precast Concrete End Section.....	790.12	108.69
33 41 13 00-0038 EA 18" Diameter Pipe, Precast Concrete End Section.....	977.55	137.58
33 41 13 00-0039 EA 21" Diameter Pipe, Precast Concrete End Section.....	1,120.22	164.53
33 41 13 00-0040 EA 24" Diameter Pipe, Precast Concrete End Section.....	1,186.80	190.43
33 41 13 00-0041 EA 27" Diameter Pipe, Precast Concrete End Section.....	1,475.83	230.72
33 41 13 00-0042 EA 30" Diameter Pipe, Precast Concrete End Section.....	1,819.35	346.55
33 41 13 00-0043 EA 36" Diameter Pipe, Precast Concrete End Section.....	2,243.54	437.29
33 41 13 00-0044 EA 42" Diameter Pipe, Precast Concrete End Section.....	2,708.61	548.55
33 41 13 00-0045 EA 48" Diameter Pipe, Precast Concrete End Section.....	2,963.41	618.62

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 41 13 00-0046	EA	54" Diameter Pipe, Precast Concrete End Section	3,226.96	692.94
33 41 13 00-0047	EA	60" Diameter Pipe, Precast Concrete End Section	3,496.93	770.37

33 41 13 00-0048 Flared Precast Concrete End Sections (33 41 13 00-0034)

33 41 13 00-0049	EA	12" Diameter Pipe, Flared Precast Concrete End Section	737.83	90.20
33 41 13 00-0050	EA	15" Diameter Pipe, Flared Precast Concrete End Section	887.61	112.42
33 41 13 00-0051	EA	18" Diameter Pipe, Flared Precast Concrete End Section	1,075.87	142.31
33 41 13 00-0052	EA	21" Diameter Pipe, Flared Precast Concrete End Section	1,227.14	170.18
33 41 13 00-0053	EA	24" Diameter Pipe, Flared Precast Concrete End Section	1,500.52	196.97
33 41 13 00-0054	EA	27" Diameter Pipe, Flared Precast Concrete End Section	1,786.97	314.57
33 41 13 00-0055	EA	30" Diameter Pipe, Flared Precast Concrete End Section	1,828.09	433.11
33 41 13 00-0056	EA	36" Diameter Pipe, Flared Precast Concrete End Section	2,481.32	546.61
33 41 13 00-0057	EA	42" Diameter Pipe, Flared Precast Concrete End Section	2,968.79	685.82
33 41 13 00-0058	EA	48" Diameter Pipe, Flared Precast Concrete End Section	3,203.15	773.47
33 41 13 00-0059	EA	54" Diameter Pipe, Flared Precast Concrete End Section	3,582.41	866.29
33 41 13 00-0060	EA	60" Diameter Pipe, Flared Precast Concrete End Section	3,968.31	962.22

33 41 13 00-0061 Prestressed Concrete Cylinder Piping (33 41 13)

33 41 13 00-0062 150 PSI Prestressed Concrete Cylinder Pipe And Fittings (33 41 13 00-0061)

33 41 13 00-0063 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets (33 41 13 00-0062)

Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".

33 41 13 00-0064	LF	12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	86.55	12.57
		For >1,000, Deduct	-4.33	
		For 100 PSI, Deduct	-17.15	
33 41 13 00-0065	LF	15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	92.54	13.99
		For >1,000, Deduct	-4.63	
		For 100 PSI, Deduct	-18.14	
33 41 13 00-0066	LF	18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	101.45	17.45
		For >1,000, Deduct	-5.07	
		For 100 PSI, Deduct	-19.13	
33 41 13 00-0067	LF	21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	111.93	22.01
		For >1,000, Deduct	-5.60	
		For 100 PSI, Deduct	-20.12	
33 41 13 00-0068	LF	24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	122.64	26.72
		For >1,000, Deduct	-6.13	
		For 100 PSI, Deduct	-21.12	
33 41 13 00-0069	LF	30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	143.81	34.07
		For >1,000, Deduct	-7.19	
		For 100 PSI, Deduct	-23.64	
33 41 13 00-0070	LF	36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	159.41	38.71
		For >1,000, Deduct	-7.97	
		For 100 PSI, Deduct	-26.17	
33 41 13 00-0071	LF	42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	184.40	42.58
		For >1,000, Deduct	-9.22	
		For 100 PSI, Deduct	-31.04	
33 41 13 00-0072	LF	48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	211.40	47.42
		For >1,000, Deduct	-10.57	
		For 100 PSI, Deduct	-35.91	
33 41 13 00-0073	LF	54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	278.31	60.40
		For >1,000, Deduct	-13.92	
		For 100 PSI, Deduct	-48.01	
33 41 13 00-0074	LF	60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets	334.71	70.07
		For >1,000, Deduct	-16.74	
		For 100 PSI, Deduct	-58.65	

33 41 13 00-0075 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets (33 41 13 00-0062)

33 41 13 00-0076	EA	12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	327.84	117.90
33 41 13 00-0077	EA	15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	455.96	168.42
33 41 13 00-0078	EA	18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	589.90	224.56
33 41 13 00-0079	EA	21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	723.83	280.70
33 41 13 00-0080	EA	24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	882.46	348.83
33 41 13 00-0081	EA	30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,125.47	467.84
33 41 13 00-0082	EA	36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,372.47	541.97
33 41 13 00-0083	EA	42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,598.98	632.55
33 41 13 00-0084	EA	48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,804.38	722.36
33 41 13 00-0085	EA	54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,224.93	901.99
33 41 13 00-0086	EA	60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,898.81	1,208.06

33 41 13 00-0087 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets (33 41 13 00-0062)

33 41 13 00-0088	EA	12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	309.43	117.90
33 41 13 00-0089	EA	15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	432.14	168.42
33 41 13 00-0090	EA	18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	561.74	224.56
33 41 13 00-0091	EA	21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	691.35	280.70
33 41 13 00-0092	EA	24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	845.64	348.83
33 41 13 00-0093	EA	30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,074.94	436.40
33 41 13 00-0094	EA	36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,314.72	541.97
33 41 13 00-0095	EA	42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,532.21	632.55
33 41 13 00-0096	EA	48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	1,732.55	722.36
33 41 13 00-0097	EA	54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,117.51	901.99
33 41 13 00-0098	EA	60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping	2,801.59	1,208.06

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

33 41 13 00-0099			400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints (33 41 13 00-0061)		
33 41 13 00-0100			400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints (33 41 13 00-0099) Note: AWWA C301		
33 41 13 00-0101	LF		30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	167.54 -8.38	34.07
33 41 13 00-0102	LF		36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	203.25 -10.16	38.71
33 41 13 00-0103	LF		42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	236.44 -11.82	42.58
33 41 13 00-0104			400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints (33 41 13 00-0099) Note: AWWA C301		
33 41 13 00-0105	LF		48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	315.93 -15.80	47.39
33 41 13 00-0106	LF		54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	378.64 -18.93	60.40
33 41 13 00-0107	LF		60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	436.61 -21.83	70.07
33 41 13 00-0108	LF		66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	491.13 -24.56	77.66
33 41 13 00-0109	LF		72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints For >1,000, Deduct	592.49 -29.62	84.56
33 41 13 00-0110			Welded Joints For Prestressed Concrete Cylinder Pipe (33 41 13 00-0099) Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 41 13 00-0111	EA		30" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,149.47	
33 41 13 00-0112	EA		36" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,234.61	
33 41 13 00-0113	EA		42" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,277.18	
33 41 13 00-0114	EA		48" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,447.48	
33 41 13 00-0115	EA		54" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,490.05	
33 41 13 00-0116	EA		60" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,575.19	
33 41 13 00-0117	EA		66" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,617.77	
33 41 13 00-0118	EA		72" Welded Joint For Prestressed Concrete Cylinder Pipe.....	1,660.34	
33 41 13 00-0119	EA		30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,128.64	
33 41 13 00-0120	EA		36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,128.64	
33 41 13 00-0121	EA		42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,426.65	
33 41 13 00-0122	EA		48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,426.65	
33 41 13 00-0123	EA		54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,596.94	
33 41 13 00-0124	EA		60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,596.94	
33 41 13 00-0125	EA		66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,809.81	
33 41 13 00-0126	EA		72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,809.81	
33 41 13 00-0127			Quick Test Joints (33 41 13 00-0099)		
33 41 13 00-0128	EA		30" Quick Test Joint.....	326.57	
33 41 13 00-0129	EA		36" Quick Test Joint.....	330.44	
33 41 13 00-0130	EA		42" Quick Test Joint.....	334.31	
33 41 13 00-0131	EA		48" Quick Test Joint.....	341.83	
33 41 13 00-0132	EA		54" Quick Test Joint.....	359.41	
33 41 13 00-0133	EA		60" Quick Test Joint.....	374.11	
33 41 13 00-0134	EA		66" Quick Test Joint.....	394.88	
33 41 13 00-0135	EA		72" Quick Test Joint.....	415.64	
33 41 13 00-0136			Harnessed Joints (33 41 13 00-0099)		
33 41 13 00-0137			Harness Clamp Restrained Joints (33 41 13 00-0136)		
33 41 13 00-0138	EA		30" Harness Clamp Restrained Joint.....	2,853.58	
33 41 13 00-0139	EA		36" Harness Clamp Restrained Joint.....	2,964.82	
33 41 13 00-0140	EA		42" Harness Clamp Restrained Joint.....	3,076.06	
33 41 13 00-0141	EA		48" Harness Clamp Restrained Joint.....	3,187.31	
33 41 13 00-0142	EA		54" Harness Clamp Restrained Joint.....	3,307.41	
33 41 13 00-0143	EA		60" Harness Clamp Restrained Joint.....	3,477.09	
33 41 13 00-0144	EA		66" Harness Clamp Restrained Joint.....	3,593.10	
33 41 13 00-0145	EA		72" Harness Clamp Restrained Joint.....	3,848.67	
33 41 13 00-0146			Snap Ring Restrained Joints (33 41 13 00-0136)		
33 41 13 00-0147	EA		30" Snap Ring Restrained Joint.....	491.42	
33 41 13 00-0148	EA		36" Snap Ring Restrained Joint.....	559.71	
33 41 13 00-0149	EA		42" Snap Ring Restrained Joint.....	746.12	
33 41 13 00-0150	EA		48" Snap Ring Restrained Joint.....	846.63	
33 41 13 00-0151	EA		54" Snap Ring Restrained Joint.....	955.99	
33 41 13 00-0152	EA		60" Snap Ring Restrained Joint.....	1,082.73	
33 41 13 00-0153	EA		66" Snap Ring Restrained Joint.....	1,198.73	
33 41 13 00-0154	EA		72" Snap Ring Restrained Joint.....	1,336.20	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-0155	Pipe Repairs <small>(33 41 13 00-0099)</small> Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
33 41 13 00-0156	Lined Cylinder Pipe Repair <small>(33 41 13 00-0155)</small>		
33 41 13 00-0157	EA 30" Lined Cylinder Pipe Repair	5,000.26	
33 41 13 00-0158	EA 36" Lined Cylinder Pipe Repair	6,201.01	
33 41 13 00-0159	EA 42" Lined Cylinder Pipe Repair	6,527.22	
33 41 13 00-0160	Embedded Cylinder Pipe Repair <small>(33 41 13 00-0155)</small> Note: Field welded concrete enclosure assembly with concrete pipe.		
33 41 13 00-0161	EA 48" Embedded Cylinder Pipe Repair	9,573.23	
33 41 13 00-0162	EA 54" Embedded Cylinder Pipe Repair	11,096.71	
33 41 13 00-0163	EA 60" Embedded Cylinder Pipe Repair	12,633.19	
33 41 13 00-0164	EA 66" Embedded Cylinder Pipe Repair	14,270.57	
33 41 13 00-0165	EA 72" Embedded Cylinder Pipe Repair	17,093.19	
33 41 13 00-0166	High Density Polyethylene (HDPE) Drainage Piping <small>(33 41 13)</small>		
33 41 13 00-0167	Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 13 00-0166)</small> Note: Excludes couplings and gaskets.		
33 41 13 00-0168	Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 13 00-0167)</small>		
33 41 13 00-0169	LF 4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	11.03	5.08
	For <100, Add	2.03	
	For >1,000, Deduct	-0.55	
33 41 13 00-0170	LF 6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	13.99	5.91
	For <100, Add	2.36	
	For >1,000, Deduct	-0.70	
33 41 13 00-0171	LF 8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	17.00	6.88
	For <100, Add	2.75	
	For >1,000, Deduct	-0.85	
33 41 13 00-0172	LF 10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	18.93	7.11
	For <100, Add	2.85	
	For >1,000, Deduct	-0.95	
33 41 13 00-0173	LF 12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	19.83	7.36
	For <100, Add	2.95	
	For >1,000, Deduct	-0.99	
33 41 13 00-0174	LF 15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	22.10	7.62
	For <100, Add	3.05	
	For >1,000, Deduct	-1.11	
33 41 13 00-0175	LF 18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	26.01	7.91
	For <100, Add	3.16	
	For >1,000, Deduct	-1.30	
33 41 13 00-0176	LF 24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	34.77	9.26
	For <100, Add	3.70	
	For >1,000, Deduct	-1.74	
33 41 13 00-0177	LF 30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	48.95	12.46
	For <100, Add	4.99	
	For >1,000, Deduct	-2.45	
33 41 13 00-0178	LF 36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	63.98	15.75
	For <100, Add	6.30	
	For >1,000, Deduct	-3.20	
33 41 13 00-0179	Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 13 00-0167)</small>		
33 41 13 00-0180	LF 12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	19.74	7.36
	For <100, Add	2.95	
	For >1,000, Deduct	-0.99	
33 41 13 00-0181	LF 15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	22.46	7.62
	For <100, Add	3.05	
	For >1,000, Deduct	-1.12	
33 41 13 00-0182	LF 18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	26.55	7.91
	For <100, Add	3.16	
	For >1,000, Deduct	-1.33	
33 41 13 00-0183	LF 24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	35.62	9.26
	For <100, Add	3.70	
	For >1,000, Deduct	-1.78	
33 41 13 00-0184	LF 30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	51.29	12.46
	For <100, Add	4.99	
	For >1,000, Deduct	-2.56	
33 41 13 00-0185	LF 36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	65.72	15.75
	For <100, Add	6.30	
	For >1,000, Deduct	-3.29	
33 41 13 00-0186	LF 42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	83.76	17.19
	For <100, Add	6.87	
	For >1,000, Deduct	-4.19	
33 41 13 00-0187	LF 48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	91.72	19.39
	For <100, Add	7.76	
	For >1,000, Deduct	-4.59	

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

33 41 13 00-0188			Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0188) Note: Excludes couplings and gaskets.		
33 41 13 00-0189			Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0189)		
33 41 13 00-0190	LF		4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	10.70 2.03 -0.54	5.08
33 41 13 00-0191	LF		6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	12.98 2.36 -0.65	5.91
33 41 13 00-0192	LF		8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	15.81 2.75 -0.79	6.88
33 41 13 00-0193	LF		10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	18.06 2.85 -0.90	7.11
33 41 13 00-0194	LF		12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	19.50 2.95 -0.98	7.36
33 41 13 00-0195	LF		15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	22.20 3.05 -1.11	7.62
33 41 13 00-0196	LF		18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	26.68 3.16 -1.33	7.91
33 41 13 00-0197	LF		24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	35.50 3.70 -1.78	9.26
33 41 13 00-0198			Perforated, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0198) Note: Excludes couplings and gaskets.		
33 41 13 00-0199			Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0199)		
33 41 13 00-0200	LF		4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	11.48 2.03 -0.57	5.08
33 41 13 00-0201	LF		6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	14.00 2.36 -0.70	5.91
33 41 13 00-0202	LF		8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	17.00 2.75 -0.85	6.88
33 41 13 00-0203	LF		10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	18.94 2.85 -0.95	7.11
33 41 13 00-0204	LF		12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	19.83 2.95 -0.99	7.36
33 41 13 00-0205	LF		15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	22.11 3.05 -1.11	7.62
33 41 13 00-0206	LF		18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	26.02 3.16 -1.30	7.91
33 41 13 00-0207	LF		24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	34.77 3.70 -1.74	9.26
33 41 13 00-0208	LF		30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	49.10 4.99 -2.46	12.46
33 41 13 00-0209	LF		36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	63.98 6.30 -3.20	15.75
33 41 13 00-0210			Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0210)		
33 41 13 00-0211	LF		12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	19.76 2.95 -0.99	7.36
33 41 13 00-0212	LF		15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	22.47 3.05 -1.12	7.62
33 41 13 00-0213	LF		18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	26.56 3.16 -1.33	7.91
33 41 13 00-0214	LF		24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe For <100, Add For >1,000, Deduct	35.62 3.70 -1.78	9.26

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0215	LF	30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	51.29 4.99 -2.56	12.46
33 41	13 00-0216	LF	36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	65.72 6.30 -3.29	15.75
33 41	13 00-0217	LF	42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	83.76 6.87 -4.19	17.19
33 41	13 00-0218	LF	48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	91.72 7.76 -4.59	19.39
33 41	13 00-0219		Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 41 13 00-0198)		
33 41	13 00-0220	LF	4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	10.98 2.03 -0.55	5.08
33 41	13 00-0221	LF	6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	12.98 2.36 -0.65	5.91
33 41	13 00-0222	LF	8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	15.75 2.75 -0.79	6.88
33 41	13 00-0223	LF	10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	18.06 2.85 -0.90	7.11
33 41	13 00-0224	LF	12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	19.50 2.95 -0.98	7.36
33 41	13 00-0225	LF	15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	22.20 3.05 -1.11	7.62
33 41	13 00-0226	LF	18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	26.68 3.16 -1.33	7.91
33 41	13 00-0227	LF	24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	35.50 3.70 -1.78	9.26
33 41	13 00-0228		Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 41 13 00-0166) Note: Excludes couplings and gaskets.		
33 41	13 00-0229		Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0228)		
33 41	13 00-0230	EA	4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	31.45	18.16
33 41	13 00-0231	EA	6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	37.55	21.19
33 41	13 00-0232	EA	8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	50.38	25.74
33 41	13 00-0233	EA	10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	67.85	31.79
33 41	13 00-0234	EA	12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	92.21	37.85
33 41	13 00-0235	EA	15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	125.35	49.45
33 41	13 00-0236	EA	18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	174.83	66.60
33 41	13 00-0237	EA	24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	212.38	76.02
33 41	13 00-0238	EA	30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	317.47	87.79
33 41	13 00-0239	EA	36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	394.05	101.41
33 41	13 00-0240	EA	42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	598.39	121.09
33 41	13 00-0241	EA	48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	741.18	143.80
33 41	13 00-0242		Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0228)		
33 41	13 00-0243	EA	4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	35.88	18.16
33 41	13 00-0244	EA	6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	42.42	21.19
33 41	13 00-0245	EA	8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	53.45	25.74
33 41	13 00-0246	EA	10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	71.23	31.79
33 41	13 00-0247	EA	12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	103.11	37.85
33 41	13 00-0248	EA	15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	122.01	49.45
33 41	13 00-0249	EA	18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	168.32	66.60
33 41	13 00-0250		22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0228)		
33 41	13 00-0251	EA	4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	20.41	12.11
33 41	13 00-0252	EA	6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	24.20	14.13
33 41	13 00-0253	EA	8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	31.13	17.15
33 41	13 00-0254	EA	10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	38.70	21.19
33 41	13 00-0255	EA	12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	49.48	25.23
33 41	13 00-0256	EA	15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	69.03	32.29
33 41	13 00-0257	EA	18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE)	93.43	44.40

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

33 41	13 00-0258	EA	24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	136.45	50.45
33 41	13 00-0259	EA	30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	175.60	58.52
33 41	13 00-0260	EA	36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	204.60	67.61
33 41	13 00-0261	EA	42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	254.62	80.73
33 41	13 00-0262	EA	48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	328.17	95.87
33 41 13 00-0263 45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0228)					
33 41	13 00-0264	EA	4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	20.89	12.11
33 41	13 00-0265	EA	6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	25.21	14.13
33 41	13 00-0266	EA	8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	31.65	17.15
33 41	13 00-0267	EA	10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	42.90	21.19
33 41	13 00-0268	EA	12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	49.48	25.23
33 41	13 00-0269	EA	15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	68.94	32.29
33 41	13 00-0270	EA	18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	100.20	44.40
33 41	13 00-0271	EA	24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	141.69	50.45
33 41	13 00-0272	EA	30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	175.85	58.52
33 41	13 00-0273	EA	36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	215.88	67.61
33 41	13 00-0274	EA	42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	298.14	80.73
33 41	13 00-0275	EA	48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	367.18	95.87
33 41 13 00-0276 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings (33 41 13 00-0166)					
Note: Excludes couplings and gaskets.					
33 41 13 00-0277 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0276)					
33 41	13 00-0278	EA	4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	28.46	18.16
33 41	13 00-0279	EA	6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	33.35	21.19
33 41	13 00-0280	EA	8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	43.65	25.74
33 41	13 00-0281	EA	10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	54.53	31.79
33 41	13 00-0282	EA	12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	69.66	37.85
33 41	13 00-0283	EA	15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	111.65	49.45
33 41	13 00-0284	EA	18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	142.55	66.60
33 41	13 00-0285	EA	24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE).....	208.81	75.69
33 41 13 00-0286 Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0276)					
33 41	13 00-0287	EA	4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	28.65	18.16
33 41	13 00-0288	EA	6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	33.95	21.19
33 41	13 00-0289	EA	8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE).....	49.93	25.74
33 41 13 00-0290 45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0276)					
33 41	13 00-0291	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	19.03	12.11
33 41 13 00-0292 90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) (33 41 13 00-0276)					
33 41	13 00-0293	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	19.23	12.11
33 41	13 00-0294	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	23.01	14.13
33 41	13 00-0295	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	29.55	17.15
33 41	13 00-0296	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	37.23	21.19
33 41 13 00-0297 Couplings And End Sections, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0166)					
Note: For single and double wall high density polyethylene (HDPE) piping.					
33 41 13 00-0298 Couplings, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0297)					
33 41	13 00-0299	EA	4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	0.29	
33 41	13 00-0300	EA	6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	0.52	
33 41	13 00-0301	EA	8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	0.80	
33 41	13 00-0302	EA	10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	0.98	
33 41	13 00-0303	EA	12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	1.06	
33 41	13 00-0304	EA	15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	1.51	
33 41	13 00-0305	EA	18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	2.23	
33 41	13 00-0306	EA	24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	3.55	
33 41	13 00-0307	EA	30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	5.44	
33 41	13 00-0308	EA	36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	7.12	
33 41	13 00-0309	EA	42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	11.20	
33 41	13 00-0310	EA	48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.15	
33 41 13 00-0311 Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0297)					
33 41	13 00-0312	EA	4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.34	
33 41	13 00-0313	EA	6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.06	
33 41	13 00-0314	EA	8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	16.82	
33 41	13 00-0315	EA	10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	17.61	
33 41	13 00-0316	EA	12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.88	
33 41	13 00-0317	EA	15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	21.56	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 41 13 00-0318	EA 18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	22.49	
33 41 13 00-0319	EA 24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	25.61	
33 41 13 00-0320	EA 30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	41.06	
33 41 13 00-0321	EA 36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	44.97	
33 41 13 00-0322	EA 42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	49.00	
33 41 13 00-0323	EA 48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	59.51	
33 41 13 00-0324	End Sections, Corrugated High Density Polyethylene (HDPE) Pipe (33 41 13 00-0297)		
33 41 13 00-0325	EA 10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	109.16	45.38
33 41 13 00-0326	EA 12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	125.13	51.06
33 41 13 00-0327	EA 15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	133.84	54.84
33 41 13 00-0328	EA 18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	151.80	60.52
33 41 13 00-0329	EA 24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	186.09	71.86
33 41 13 00-0330	EA 30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	306.37	81.31
33 41 13 00-0331	EA 36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	341.25	90.77
33 41 13 00-0332	Corrugated Metal Piping (33 41 13)		
33 41 13 00-0333	Galvanized Corrugated Steel Piping (33 41 13 00-0332)		
33 41 13 00-0334	2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0333)		
33 41 13 00-0335	16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0334)		
33 41 13 00-0336	LF 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	25.28	7.86
	For Bituminous Coated Pipe, Add	2.17	
	For Bituminous Coated And 25% Paved, Add	4.43	
	For Smooth-Flo, Add	7.91	
33 41 13 00-0337	LF 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	28.17	8.23
	For Bituminous Coated Pipe, Add	2.72	
	For Bituminous Coated And 25% Paved, Add	5.57	
	For Smooth-Flo, Add	9.95	
33 41 13 00-0338	LF 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	31.16	8.98
	For Bituminous Coated Pipe, Add	3.30	
	For Bituminous Coated And 25% Paved, Add	6.75	
	For Smooth-Flo, Add	12.06	
33 41 13 00-0339	LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	35.23	9.74
	For Bituminous Coated Pipe, Add	3.95	
	For Bituminous Coated And 25% Paved, Add	8.08	
	For Smooth-Flo, Add	14.43	
33 41 13 00-0340	LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	38.90	10.48
	For Bituminous Coated Pipe, Add	4.44	
	For Bituminous Coated And 25% Paved, Add	9.09	
	For Smooth-Flo, Add	16.23	
33 41 13 00-0341	LF 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	51.47	13.48
	For Bituminous Coated Pipe, Add	5.77	
	For Bituminous Coated And 25% Paved, Add	11.80	
	For Smooth-Flo, Add	21.07	
33 41 13 00-0342	LF 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	66.18	17.03
	For Bituminous Coated Pipe, Add	7.27	
	For Bituminous Coated And 25% Paved, Add	14.87	
	For Smooth-Flo, Add	26.56	
33 41 13 00-0343	LF 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	74.98	20.13
	For Bituminous Coated Pipe, Add	8.61	
	For Bituminous Coated And 25% Paved, Add	17.60	
	For Smooth-Flo, Add	31.44	
33 41 13 00-0344	LF 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	84.29	23.23
	For Bituminous Coated Pipe, Add	9.64	
	For Bituminous Coated And 25% Paved, Add	19.72	
	For Smooth-Flo, Add	35.21	
33 41 13 00-0345	14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0334)		
33 41 13 00-0346	LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	27.21	7.86
	For Bituminous Coated Pipe, Add	2.20	
	For Bituminous Coated And 25% Paved, Add	5.09	
	For Smooth-Flo, Add	10.29	
33 41 13 00-0347	LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	30.55	8.23
	For Bituminous Coated Pipe, Add	2.76	
	For Bituminous Coated And 25% Paved, Add	6.38	
	For Smooth-Flo, Add	12.90	
33 41 13 00-0348	LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	34.04	8.98
	For Bituminous Coated Pipe, Add	3.34	
	For Bituminous Coated And 25% Paved, Add	7.73	
	For Smooth-Flo, Add	15.63	
33 41 13 00-0349	LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	38.55	9.74
	For Bituminous Coated Pipe, Add	3.97	
	For Bituminous Coated And 25% Paved, Add	9.19	
	For Smooth-Flo, Add	18.58	
33 41 13 00-0350	LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	42.77	10.48
	For Bituminous Coated Pipe, Add	4.49	
	For Bituminous Coated And 25% Paved, Add	10.40	
	For Smooth-Flo, Add	21.03	
33 41 13 00-0351	LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	56.19	13.48
	For Bituminous Coated Pipe, Add	5.77	
	For Bituminous Coated And 25% Paved, Add	13.36	
	For Smooth-Flo, Add	27.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0352	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	71.91 7.23 16.75 33.85	17.03
33 41	13 00-0353	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	81.54 8.51 19.71 39.85	20.13
33 41	13 00-0354	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	91.80 9.56 22.16 44.78	23.23
33 41	13 00-0355	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	109.23 11.76 27.25 55.08	26.32
33 41	13 00-0356		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping⁽³³⁾ <small>^{41 13 00-0334)}</small>		
33 41	13 00-0357	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	40.00 3.82 6.90 13.26	8.98
33 41	13 00-0358	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	45.48 4.52 8.16 15.68	9.74
33 41	13 00-0359	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	50.66 5.12 9.25 17.77	9.74
33 41	13 00-0360	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	65.94 6.51 11.76 22.60	13.48
33 41	13 00-0361	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	83.49 8.05 14.54 27.94	17.03
33 41	13 00-0362	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	94.92 9.44 17.04 32.75	20.13
33 41	13 00-0363	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	107.13 10.65 19.24 36.98	23.23
33 41	13 00-0364	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	126.15 12.77 23.07 44.33	26.32
33 41	13 00-0365	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	137.88 13.99 25.26 48.55	27.88
33 41	13 00-0366	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	166.89 17.03 30.76 59.11	34.07
33 41	13 00-0367		10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping⁽³³⁾ <small>^{41 13 00-0334)}</small>		
33 41	13 00-0368	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	94.32 10.24 17.11 24.41	17.03
33 41	13 00-0369	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	107.59 12.00 20.04 28.60	20.13
33 41	13 00-0370	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	121.51 13.56 22.65 32.32	23.23
33 41	13 00-0371	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	142.27 16.06 26.83 38.28	26.32
33 41	13 00-0372	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	155.81 17.64 29.46 42.04	27.88
33 41	13 00-0373	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	186.60 21.10 35.25 50.29	34.07

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 41 13 00-0374	LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	227.27	49.55
	For Bituminous Coated Pipe, Add	22.66	
	For Bituminous Coated And 25% Paved, Add	37.85	
	For Smooth-Flo, Add	54.00	
33 41 13 00-0375	3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0333)		
33 41 13 00-0376	16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0375)		
33 41 13 00-0377	LF 36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	76.12	17.03
	For Bituminous Coated Pipe, Add	8.00	
	For Bituminous Coated And 25% Paved, Add	18.16	
	For Smooth-Flo, Add	36.15	
33 41 13 00-0378	LF 42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	86.37	20.13
	For Bituminous Coated Pipe, Add	9.39	
	For Bituminous Coated And 25% Paved, Add	21.32	
	For Smooth-Flo, Add	42.44	
33 41 13 00-0379	LF 48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	97.12	23.23
	For Bituminous Coated Pipe, Add	10.53	
	For Bituminous Coated And 25% Paved, Add	23.91	
	For Smooth-Flo, Add	47.60	
33 41 13 00-0380	LF 54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	115.34	26.32
	For Bituminous Coated Pipe, Add	12.87	
	For Bituminous Coated And 25% Paved, Add	29.21	
	For Smooth-Flo, Add	58.15	
33 41 13 00-0381	LF 60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	125.67	27.88
	For Bituminous Coated Pipe, Add	14.02	
	For Bituminous Coated And 25% Paved, Add	31.82	
	For Smooth-Flo, Add	63.35	
33 41 13 00-0382	LF 66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	156.73	34.07
	For Bituminous Coated Pipe, Add	18.00	
	For Bituminous Coated And 25% Paved, Add	40.87	
	For Smooth-Flo, Add	81.38	
33 41 13 00-0383	LF 72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	194.49	49.55
	For Bituminous Coated Pipe, Add	19.19	
	For Bituminous Coated And 25% Paved, Add	43.56	
	For Smooth-Flo, Add	86.74	
33 41 13 00-0384	LF 78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	210.30	54.20
	For Bituminous Coated Pipe, Add	20.38	
	For Bituminous Coated And 25% Paved, Add	46.27	
	For Smooth-Flo, Add	92.13	
33 41 13 00-0385	LF 84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	224.01	58.06
	For Bituminous Coated Pipe, Add	21.57	
	For Bituminous Coated And 25% Paved, Add	48.97	
	For Smooth-Flo, Add	97.51	
33 41 13 00-0386	LF 90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	237.72	61.94
	For Bituminous Coated Pipe, Add	22.77	
	For Bituminous Coated And 25% Paved, Add	51.69	
	For Smooth-Flo, Add	102.92	
33 41 13 00-0387	LF 96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	251.97	65.81
	For Bituminous Coated Pipe, Add	23.96	
	For Bituminous Coated And 25% Paved, Add	54.38	
	For Smooth-Flo, Add	108.28	
33 41 13 00-0388	LF 102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	268.41	69.68
	For Bituminous Coated Pipe, Add	25.16	
	For Bituminous Coated And 25% Paved, Add	57.10	
	For Smooth-Flo, Add	113.71	
33 41 13 00-0389	14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0375)		
33 41 13 00-0390	LF 54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	125.48	26.32
	For Bituminous Coated Pipe, Add	14.89	
	For Bituminous Coated And 25% Paved, Add	29.19	
	For Smooth-Flo, Add	58.98	
33 41 13 00-0391	LF 60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	136.89	27.88
	For Bituminous Coated Pipe, Add	16.26	
	For Bituminous Coated And 25% Paved, Add	31.87	
	For Smooth-Flo, Add	64.39	
33 41 13 00-0392	LF 66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	169.07	34.07
	For Bituminous Coated Pipe, Add	20.47	
	For Bituminous Coated And 25% Paved, Add	40.13	
	For Smooth-Flo, Add	81.07	
33 41 13 00-0393	LF 72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	207.94	49.55
	For Bituminous Coated Pipe, Add	21.88	
	For Bituminous Coated And 25% Paved, Add	42.88	
	For Smooth-Flo, Add	86.64	
33 41 13 00-0394	LF 78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	224.82	54.20
	For Bituminous Coated Pipe, Add	23.29	
	For Bituminous Coated And 25% Paved, Add	45.64	
	For Smooth-Flo, Add	92.21	
33 41 13 00-0395	LF 84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	239.67	58.06
	For Bituminous Coated Pipe, Add	24.71	
	For Bituminous Coated And 25% Paved, Add	48.42	
	For Smooth-Flo, Add	97.84	
33 41 13 00-0396	LF 90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	254.44	61.94
	For Bituminous Coated Pipe, Add	26.11	
	For Bituminous Coated And 25% Paved, Add	51.18	
	For Smooth-Flo, Add	103.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0397	LF	96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	269.79 27.52 53.94 108.98	65.81
33 41	13 00-0398	LF	102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	287.31 28.94 56.71 114.59	69.68
33 41	13 00-0399	LF	108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	306.61 30.35 59.49 120.19	77.43
33 41	13 00-0400	LF	114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	325.47 31.74 62.21 125.70	85.16
33 41	13 00-0401		12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0375)</small>		
33 41	13 00-0402	LF	60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	161.77 21.24 40.45 65.94	27.88
33 41	13 00-0403	LF	66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	196.63 25.98 49.50 80.68	34.07
33 41	13 00-0404	LF	72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	237.90 27.87 53.10 86.54	49.55
33 41	13 00-0405	LF	78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	257.21 29.76 56.70 92.42	54.20
33 41	13 00-0406	LF	84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	274.47 31.67 60.32 98.32	58.06
33 41	13 00-0407	LF	90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	291.66 33.56 63.93 104.20	61.94
33 41	13 00-0408	LF	96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	309.47 35.46 67.54 110.09	65.81
33 41	13 00-0409	LF	102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	329.41 37.36 71.16 115.99	69.68
33 41	13 00-0410	LF	108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	351.10 39.25 74.77 121.87	77.43
33 41	13 00-0411	LF	114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	372.40 41.13 78.35 127.70	85.16
33 41	13 00-0412	LF	120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	392.84 43.03 81.97 133.61	92.91
33 41	13 00-0413		10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 41 13 00-0375)</small>		
33 41	13 00-0414	LF	72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	265.84 33.46 63.57 84.99	49.55
33 41	13 00-0415	LF	78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	287.44 35.81 68.04 90.96	54.20
33 41	13 00-0416	LF	84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	306.99 38.17 72.52 96.95	58.06
33 41	13 00-0417	LF	90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	326.48 40.52 76.99 102.93	61.94
33 41	13 00-0418	LF	96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	346.58 42.88 81.47 108.91	65.81

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 41 13 00-0419	LF 102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	368.82	69.68
	For Bituminous Coated Pipe, Add	45.24	
	For Bituminous Coated And 25% Paved, Add	85.95	
	For Smooth-Flo, Add	114.90	
33 41 13 00-0420	LF 108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	392.79	77.43
	For Bituminous Coated Pipe, Add	47.59	
	For Bituminous Coated And 25% Paved, Add	90.42	
	For Smooth-Flo, Add	120.87	
33 41 13 00-0421	LF 114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	416.37	85.16
	For Bituminous Coated Pipe, Add	49.92	
	For Bituminous Coated And 25% Paved, Add	94.85	
	For Smooth-Flo, Add	126.80	
33 41 13 00-0422	LF 120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	439.12	92.91
	For Bituminous Coated Pipe, Add	52.29	
	For Bituminous Coated And 25% Paved, Add	99.34	
	For Smooth-Flo, Add	132.81	
33 41 13 00-0423	LF 126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	463.30	100.66
	For Bituminous Coated Pipe, Add	54.63	
	For Bituminous Coated And 25% Paved, Add	103.79	
	For Smooth-Flo, Add	138.76	
33 41 13 00-0424	LF 132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	489.46	108.39
	For Bituminous Coated Pipe, Add	56.99	
	For Bituminous Coated And 25% Paved, Add	108.28	
	For Smooth-Flo, Add	144.75	
33 41 13 00-0425	LF 138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	517.97	116.14
	For Bituminous Coated Pipe, Add	59.35	
	For Bituminous Coated And 25% Paved, Add	112.77	
	For Smooth-Flo, Add	150.75	
33 41 13 00-0426	125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0333)		
33 41 13 00-0427	16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0426)		
33 41 13 00-0428	LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	97.42	23.23
	For Bituminous Coated Pipe, Add	13.24	
	For Bituminous Coated And 25% Paved, Add	30.19	
	For Smooth-Flo, Add	47.93	
33 41 13 00-0429	LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	115.90	26.32
	For Bituminous Coated Pipe, Add	16.22	
	For Bituminous Coated And 25% Paved, Add	36.99	
	For Smooth-Flo, Add	58.73	
33 41 13 00-0430	LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	126.17	27.88
	For Bituminous Coated Pipe, Add	17.65	
	For Bituminous Coated And 25% Paved, Add	40.23	
	For Smooth-Flo, Add	63.87	
33 41 13 00-0431	LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	155.56	34.07
	For Bituminous Coated Pipe, Add	22.21	
	For Bituminous Coated And 25% Paved, Add	50.64	
	For Smooth-Flo, Add	80.41	
33 41 13 00-0432	LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	193.19	49.55
	For Bituminous Coated Pipe, Add	23.66	
	For Bituminous Coated And 25% Paved, Add	53.95	
	For Smooth-Flo, Add	85.66	
33 41 13 00-0433	LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	208.82	54.20
	For Bituminous Coated Pipe, Add	25.11	
	For Bituminous Coated And 25% Paved, Add	57.25	
	For Smooth-Flo, Add	90.89	
33 41 13 00-0434	LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	222.32	58.06
	For Bituminous Coated Pipe, Add	26.55	
	For Bituminous Coated And 25% Paved, Add	60.52	
	For Smooth-Flo, Add	96.09	
33 41 13 00-0435	LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	235.78	61.94
	For Bituminous Coated Pipe, Add	27.98	
	For Bituminous Coated And 25% Paved, Add	63.79	
	For Smooth-Flo, Add	101.28	
33 41 13 00-0436	LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	249.92	65.81
	For Bituminous Coated Pipe, Add	29.43	
	For Bituminous Coated And 25% Paved, Add	67.11	
	For Smooth-Flo, Add	106.55	
33 41 13 00-0437	LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	266.32	69.68
	For Bituminous Coated Pipe, Add	30.92	
	For Bituminous Coated And 25% Paved, Add	70.50	
	For Smooth-Flo, Add	111.94	
33 41 13 00-0438	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0426)		
33 41 13 00-0439	LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	128.58	26.32
	For Bituminous Coated Pipe, Add	15.51	
	For Bituminous Coated And 25% Paved, Add	36.46	
	For Smooth-Flo, Add	66.01	
33 41 13 00-0440	LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	140.26	27.88
	For Bituminous Coated Pipe, Add	16.93	
	For Bituminous Coated And 25% Paved, Add	39.79	
	For Smooth-Flo, Add	72.05	

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

33 41 13 00-0441	LF	66"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	170.94	34.07
			<i>For Bituminous Coated Pipe, Add</i>	20.85	
			<i>For Bituminous Coated And 25% Paved, Add</i>	48.99	
			<i>For Smooth-Flo, Add</i>	88.70	
33 41 13 00-0442	LF	72"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	209.80	49.55
			<i>For Bituminous Coated Pipe, Add</i>	22.25	
			<i>For Bituminous Coated And 25% Paved, Add</i>	52.29	
			<i>For Smooth-Flo, Add</i>	94.68	
33 41 13 00-0443	LF	78"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	226.93	54.20
			<i>For Bituminous Coated Pipe, Add</i>	23.71	
			<i>For Bituminous Coated And 25% Paved, Add</i>	55.71	
			<i>For Smooth-Flo, Add</i>	100.88	
33 41 13 00-0444	LF	84"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	241.85	58.06
			<i>For Bituminous Coated Pipe, Add</i>	25.14	
			<i>For Bituminous Coated And 25% Paved, Add</i>	59.08	
			<i>For Smooth-Flo, Add</i>	106.98	
33 41 13 00-0445	LF	90"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	256.01	61.94
			<i>For Bituminous Coated Pipe, Add</i>	26.43	
			<i>For Bituminous Coated And 25% Paved, Add</i>	62.11	
			<i>For Smooth-Flo, Add</i>	112.45	
33 41 13 00-0446	LF	96"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	272.20	65.81
			<i>For Bituminous Coated Pipe, Add</i>	28.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	65.80	
			<i>For Smooth-Flo, Add</i>	119.15	
33 41 13 00-0447	LF	102"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	289.79	69.68
			<i>For Bituminous Coated Pipe, Add</i>	29.43	
			<i>For Bituminous Coated And 25% Paved, Add</i>	69.17	
			<i>For Smooth-Flo, Add</i>	125.23	
33 41 13 00-0448	LF	108"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	309.09	77.43
			<i>For Bituminous Coated Pipe, Add</i>	30.85	
			<i>For Bituminous Coated And 25% Paved, Add</i>	72.49	
			<i>For Smooth-Flo, Add</i>	131.26	
33 41 13 00-0449	LF	114"	14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	328.26	85.16
			<i>For Bituminous Coated Pipe, Add</i>	32.30	
			<i>For Bituminous Coated And 25% Paved, Add</i>	75.91	
			<i>For Smooth-Flo, Add</i>	137.44	

33 41 13 00-0450 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping
(33 41 13 00-0426)

33 41 13 00-0451	LF	60"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	166.65	27.88
			<i>For Bituminous Coated Pipe, Add</i>	22.21	
			<i>For Bituminous Coated And 25% Paved, Add</i>	42.20	
			<i>For Smooth-Flo, Add</i>	76.19	
33 41 13 00-0452	LF	66"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	200.00	34.07
			<i>For Bituminous Coated Pipe, Add</i>	26.66	
			<i>For Bituminous Coated And 25% Paved, Add</i>	50.65	
			<i>For Smooth-Flo, Add</i>	91.44	
33 41 13 00-0453	LF	72"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	241.63	49.55
			<i>For Bituminous Coated Pipe, Add</i>	28.62	
			<i>For Bituminous Coated And 25% Paved, Add</i>	54.37	
			<i>For Smooth-Flo, Add</i>	98.16	
33 41 13 00-0454	LF	78"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	261.21	54.20
			<i>For Bituminous Coated Pipe, Add</i>	30.56	
			<i>For Bituminous Coated And 25% Paved, Add</i>	58.07	
			<i>For Smooth-Flo, Add</i>	104.83	
33 41 13 00-0455	LF	84"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	278.60	58.06
			<i>For Bituminous Coated Pipe, Add</i>	32.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	61.73	
			<i>For Smooth-Flo, Add</i>	111.45	
33 41 13 00-0456	LF	90"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	296.11	61.94
			<i>For Bituminous Coated Pipe, Add</i>	34.45	
			<i>For Bituminous Coated And 25% Paved, Add</i>	65.45	
			<i>For Smooth-Flo, Add</i>	118.16	
33 41 13 00-0457	LF	96"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	314.14	65.81
			<i>For Bituminous Coated Pipe, Add</i>	36.39	
			<i>For Bituminous Coated And 25% Paved, Add</i>	69.14	
			<i>For Smooth-Flo, Add</i>	124.82	
33 41 13 00-0458	LF	102"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	334.27	69.68
			<i>For Bituminous Coated Pipe, Add</i>	38.33	
			<i>For Bituminous Coated And 25% Paved, Add</i>	72.82	
			<i>For Smooth-Flo, Add</i>	131.47	
33 41 13 00-0459	LF	108"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	356.27	77.43
			<i>For Bituminous Coated Pipe, Add</i>	40.28	
			<i>For Bituminous Coated And 25% Paved, Add</i>	76.54	
			<i>For Smooth-Flo, Add</i>	138.17	
33 41 13 00-0460	LF	114"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	377.89	85.16
			<i>For Bituminous Coated Pipe, Add</i>	42.23	
			<i>For Bituminous Coated And 25% Paved, Add</i>	80.23	
			<i>For Smooth-Flo, Add</i>	144.84	
33 41 13 00-0461	LF	120"	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	398.53	92.91
			<i>For Bituminous Coated Pipe, Add</i>	44.17	
			<i>For Bituminous Coated And 25% Paved, Add</i>	83.92	
			<i>For Smooth-Flo, Add</i>	151.50	

33 41 13 00-0462 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping
(33 41 13 00-0426)

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-0463	LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	272.11	49.55
	For Bituminous Coated Pipe, Add	34.71	
	For Bituminous Coated And 25% Paved, Add	65.96	
	For Smooth-Flo, Add	103.62	
33 41 13 00-0464	LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	294.52	54.20
	For Bituminous Coated Pipe, Add	37.23	
	For Bituminous Coated And 25% Paved, Add	70.73	
	For Smooth-Flo, Add	111.12	
33 41 13 00-0465	LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	314.57	58.06
	For Bituminous Coated Pipe, Add	39.69	
	For Bituminous Coated And 25% Paved, Add	75.40	
	For Smooth-Flo, Add	118.46	
33 41 13 00-0466	LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	334.48	61.94
	For Bituminous Coated Pipe, Add	42.12	
	For Bituminous Coated And 25% Paved, Add	80.03	
	For Smooth-Flo, Add	125.73	
33 41 13 00-0467	LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	355.12	65.81
	For Bituminous Coated Pipe, Add	44.59	
	For Bituminous Coated And 25% Paved, Add	84.71	
	For Smooth-Flo, Add	133.09	
33 41 13 00-0468	LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	377.76	69.68
	For Bituminous Coated Pipe, Add	47.03	
	For Bituminous Coated And 25% Paved, Add	89.35	
	For Smooth-Flo, Add	140.37	
33 41 13 00-0469	LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	402.28	77.43
	For Bituminous Coated Pipe, Add	49.49	
	For Bituminous Coated And 25% Paved, Add	94.02	
	For Smooth-Flo, Add	147.72	
33 41 13 00-0470	LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	426.46	85.16
	For Bituminous Coated Pipe, Add	51.94	
	For Bituminous Coated And 25% Paved, Add	98.69	
	For Smooth-Flo, Add	155.04	
33 41 13 00-0471	LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	449.59	92.91
	For Bituminous Coated Pipe, Add	54.38	
	For Bituminous Coated And 25% Paved, Add	103.32	
	For Smooth-Flo, Add	162.32	
33 41 13 00-0472	LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	478.18	100.66
	For Bituminous Coated Pipe, Add	57.60	
	For Bituminous Coated And 25% Paved, Add	109.45	
	For Smooth-Flo, Add	171.95	
33 41 13 00-0473	LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	505.82	108.39
	For Bituminous Coated Pipe, Add	60.26	
	For Bituminous Coated And 25% Paved, Add	114.49	
	For Smooth-Flo, Add	179.88	
33 41 13 00-0474	LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	536.32	116.14
	For Bituminous Coated Pipe, Add	63.02	
	For Bituminous Coated And 25% Paved, Add	119.74	
	For Smooth-Flo, Add	188.12	
33 41 13 00-0475	Helical Ribbed, Galvanized Corrugated Steel Piping (33 41 13 00-0333)		
33 41 13 00-0476	16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 41 13 00-0475)		
33 41 13 00-0477	LF 18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	35.03	8.98
	For Bituminous Coated Pipe, Add	4.08	
33 41 13 00-0478	LF 21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	39.77	9.74
	For Bituminous Coated Pipe, Add	4.86	
33 41 13 00-0479	LF 24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	44.23	10.48
	For Bituminous Coated Pipe, Add	5.52	
33 41 13 00-0480	LF 30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	58.16	13.48
	For Bituminous Coated Pipe, Add	7.11	
33 41 13 00-0481	LF 36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	74.39	17.03
	For Bituminous Coated Pipe, Add	8.91	
33 41 13 00-0482	LF 42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	84.53	20.13
	For Bituminous Coated Pipe, Add	10.51	
33 41 13 00-0483	LF 48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	95.24	23.23
	For Bituminous Coated Pipe, Add	11.83	
33 41 13 00-0484	LF 54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	113.20	26.32
	For Bituminous Coated Pipe, Add	14.49	
33 41 13 00-0485	LF 60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	123.49	27.88
	For Bituminous Coated Pipe, Add	15.82	
33 41 13 00-0486	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 41 13 00-0475)		
33 41 13 00-0487	LF 18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	37.95	8.98
	For Bituminous Coated Pipe, Add	4.72	
33 41 13 00-0488	LF 21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	43.19	9.74
	For Bituminous Coated Pipe, Add	5.61	
33 41 13 00-0489	LF 24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	48.12	10.48
	For Bituminous Coated Pipe, Add	6.37	
33 41 13 00-0490	LF 30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	63.00	13.48
	For Bituminous Coated Pipe, Add	8.17	
33 41 13 00-0491	LF 36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	80.21	17.03
	For Bituminous Coated Pipe, Add	10.18	
33 41 13 00-0492	LF 42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	91.34	20.13
	For Bituminous Coated Pipe, Add	11.99	
33 41 13 00-0493	LF 48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	103.01	23.23
	For Bituminous Coated Pipe, Add	13.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0494	LF	54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	121.95 16.39	26.32
33 41	13 00-0495	LF	60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	133.23 17.93	27.88
33 41	13 00-0496	LF	66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	163.16 22.28	34.07
33 41	13 00-0497	LF	72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	201.60 23.81	49.55
33 41	13 00-0498	LF	78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	218.17 25.36	54.20
33 41	13 00-0499		12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 41 13 00-0475)		
33 41	13 00-0500	LF	30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	72.80 8.54	13.48
33 41	13 00-0501	LF	36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	91.92 10.54	17.03
33 41	13 00-0502	LF	42" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	105.05 12.40	20.13
33 41	13 00-0503	LF	48" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	118.66 14.02	23.23
33 41	13 00-0504	LF	54" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	139.57 16.74	26.32
33 41	13 00-0505	LF	60" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	152.83 18.38	27.88
33 41	13 00-0506	LF	66" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	184.67 22.29	34.07
33 41	13 00-0507	LF	72" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	225.04 23.91	49.55
33 41	13 00-0508	LF	78" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	243.54 25.54	54.20
33 41	13 00-0509	LF	84" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	259.90 27.17	58.06
33 41	13 00-0510	LF	90" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	276.22 28.79	61.94
33 41	13 00-0511	LF	96" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	293.13 30.42	65.81
33 41	13 00-0512	LF	102" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	311.21 31.86	69.68
33 41	13 00-0513		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0333)		
33 41	13 00-0514		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0513)		
33 41	13 00-0515	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.23 1.04	4.49
33 41	13 00-0516	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	14.10 1.25	4.49
33 41	13 00-0517	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.51 1.38	5.62
33 41	13 00-0518	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	17.62 1.65	5.62
33 41	13 00-0519	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.89 1.73	6.73
33 41	13 00-0520	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	22.30 2.08	6.73
33 41	13 00-0521		Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 41 13 00-0513)		
33 41	13 00-0522	LF	6" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	13.36 1.03	4.49
33 41	13 00-0523	LF	6" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	14.20 1.23	4.49
33 41	13 00-0524	LF	8" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	16.63 1.35	5.62
33 41	13 00-0525	LF	8" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	17.81 1.63	5.62
33 41	13 00-0526	LF	10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	21.10 1.71	6.73
33 41	13 00-0527	LF	10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	22.54 2.05	6.73
33 41	13 00-0528		1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings (33 41 13 00-0513)		
33 41	13 00-0529	EA	6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	6.44 1.45	
33 41	13 00-0530	EA	8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	8.52 1.92	
33 41	13 00-0531	EA	10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.45 2.35	
33 41	13 00-0532	EA	6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.22 3.20	
33 41	13 00-0533	EA	6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	6.24 0.73	
33 41	13 00-0534	EA	8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	7.73 1.10	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-0535		2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0333)</small>		
33 41 13 00-0536		16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0535)</small>		
33 41 13 00-0537	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	38.06	7.86
33 41 13 00-0538	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	44.28	8.23
33 41 13 00-0539	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	50.70	8.98
33 41 13 00-0540	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	58.57	9.74
33 41 13 00-0541	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	65.21	10.48
33 41 13 00-0542	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	85.54	13.48
33 41 13 00-0543	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	109.21	17.03
33 41 13 00-0544	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	125.87	20.13
33 41 13 00-0545	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	141.31	23.23
33 41 13 00-0546		14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0535)</small>		
33 41 13 00-0547	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	42.76	7.86
33 41 13 00-0548	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	50.11	8.23
33 41 13 00-0549	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	57.68	8.98
33 41 13 00-0550	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	66.65	9.74
33 41 13 00-0551	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	74.59	10.48
33 41 13 00-0552	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	97.06	13.48
33 41 13 00-0553	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	123.12	17.03
33 41 13 00-0554	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	141.83	20.13
33 41 13 00-0555	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	159.52	23.23
33 41 13 00-0556	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	192.53	26.32
33 41 13 00-0557		12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0535)</small>		
33 41 13 00-0558	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	72.22	8.98
33 41 13 00-0559	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	83.63	9.74
33 41 13 00-0560	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	93.90	10.48
33 41 13 00-0561	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	121.18	13.48
33 41 13 00-0562	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	146.15	17.03
33 41 13 00-0563	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	175.57	20.13
33 41 13 00-0564	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	198.03	23.23
33 41 13 00-0565	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	236.47	26.32
33 41 13 00-0566	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	258.37	27.88
33 41 13 00-0567	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	316.13	34.07
33 41 13 00-0568		10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0535)</small>		
33 41 13 00-0569	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	178.50	17.03
33 41 13 00-0570	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	206.31	20.13
33 41 13 00-0571	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	232.95	23.23
33 41 13 00-0572	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	275.59	26.32
33 41 13 00-0573	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	301.91	27.88
33 41 13 00-0574	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	363.95	34.07
33 41 13 00-0575	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	417.22	49.55
33 41 13 00-0576		3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0333)</small>		
33 41 13 00-0577		16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0576)</small>		
33 41 13 00-0578	LF	36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	135.91	17.03
33 41 13 00-0579	LF	42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	156.66	20.13
33 41 13 00-0580	LF	48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	175.83	23.23
33 41 13 00-0581	LF	54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	212.17	26.32
33 41 13 00-0582	LF	60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	231.03	27.88
33 41 13 00-0583	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	293.24	34.07
33 41 13 00-0584	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	339.81	49.55
33 41 13 00-0585	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	364.40	54.20
33 41 13 00-0586	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	386.94	58.06
33 41 13 00-0587	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	409.48	61.94
33 41 13 00-0588	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	432.53	65.81
33 41 13 00-0589	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	457.84	69.68
33 41 13 00-0590		14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0576)</small>		
33 41 13 00-0591	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	237.31	26.32
33 41 13 00-0592	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	258.82	27.88
33 41 13 00-0593	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	323.85	34.07
33 41 13 00-0594	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	373.11	49.55
33 41 13 00-0595	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	400.42	54.20
33 41 13 00-0596	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	425.78	58.06
33 41 13 00-0597	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	450.96	61.94
33 41 13 00-0598	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	476.72	65.81
33 41 13 00-0599	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	504.76	69.68
33 41 13 00-0600	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	534.52	77.43
33 41 13 00-0601	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	563.65	85.16

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

33 41 13 00-0602			12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0576)</small>		
33 41 13 00-0603	LF		60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	322.06	27.88
33 41 13 00-0604	LF		66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	394.20	34.07
33 41 13 00-0605	LF		72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	449.56	49.55
33 41 13 00-0606	LF		78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	483.00	54.20
33 41 13 00-0607	LF		84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	514.45	58.06
33 41 13 00-0608	LF		90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	545.77	61.94
33 41 13 00-0609	LF		96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	577.71	65.81
33 41 13 00-0610	LF		102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	611.85	69.68
33 41 13 00-0611	LF		108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	647.66	77.43
33 41 13 00-0612	LF		114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	683.00	85.16
33 41 13 00-0613	LF		120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	717.64	92.91
33 41 13 00-0614			10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0576)</small>		
33 41 13 00-0615	LF		72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	519.22	49.55
33 41 13 00-0616	LF		78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	558.33	54.20
33 41 13 00-0617	LF		84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	595.51	58.06
33 41 13 00-0618	LF		90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	632.53	61.94
33 41 13 00-0619	LF		96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	670.20	65.81
33 41 13 00-0620	LF		102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	710.05	69.68
33 41 13 00-0621	LF		108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	751.58	77.43
33 41 13 00-0622	LF		114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	792.61	85.16
33 41 13 00-0623	LF		120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	832.97	92.91
33 41 13 00-0624	LF		126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	874.65	100.66
33 41 13 00-0625	LF		132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	918.42	108.39
33 41 13 00-0626	LF		138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	964.56	116.14
33 41 13 00-0627			125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0333)</small>		
33 41 13 00-0628			16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0627)</small>		
33 41 13 00-0629	LF		48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	170.41	23.23
33 41 13 00-0630	LF		54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	206.20	26.32
33 41 13 00-0631	LF		60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	224.19	27.88
33 41 13 00-0632	LF		66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	280.53	34.07
33 41 13 00-0633	LF		72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	326.07	49.55
33 41 13 00-0634	LF		78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	349.57	54.20
33 41 13 00-0635	LF		84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	370.89	58.06
33 41 13 00-0636	LF		90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	392.13	61.94
33 41 13 00-0637	LF		96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	414.17	65.81
33 41 13 00-0638	LF		102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	438.72	69.68
33 41 13 00-0639			14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0627)</small>		
33 41 13 00-0640	LF		54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	236.07	26.32
33 41 13 00-0641	LF		60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	257.46	27.88
33 41 13 00-0642	LF		66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	316.81	34.07
33 41 13 00-0643	LF		72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	365.27	49.55
33 41 13 00-0644	LF		78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	392.32	54.20
33 41 13 00-0645	LF		84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	416.96	58.06
33 41 13 00-0646	LF		90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	439.87	61.94
33 41 13 00-0647	LF		96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	466.75	65.81
33 41 13 00-0648	LF		102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	494.08	69.68
33 41 13 00-0649	LF		108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	522.99	77.43
33 41 13 00-0650	LF		114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	552.04	85.16
33 41 13 00-0651			12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0627)</small>		
33 41 13 00-0652	LF		60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	324.13	27.88
33 41 13 00-0653	LF		66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	390.58	34.07
33 41 13 00-0654	LF		72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	446.01	49.55
33 41 13 00-0655	LF		78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	479.18	54.20
33 41 13 00-0656	LF		84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	510.08	58.06
33 41 13 00-0657	LF		90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	541.31	61.94
33 41 13 00-0658	LF		96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	572.96	65.81
33 41 13 00-0659	LF		102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	606.63	69.68
33 41 13 00-0660	LF		108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	642.35	77.43
33 41 13 00-0661	LF		114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	677.58	85.16
33 41 13 00-0662	LF		120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	711.81	92.91
33 41 13 00-0663			10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping <small>(33 41 13 00-0627)</small>		
33 41 13 00-0664	LF		72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	519.19	49.55
33 41 13 00-0665	LF		78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	559.17	54.20
33 41 13 00-0666	LF		84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	596.47	58.06
33 41 13 00-0667	LF		90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	633.47	61.94
33 41 13 00-0668	LF		96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	671.31	65.81
33 41 13 00-0669	LF		102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	711.10	69.68

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-0670	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	752.81	77.43
33 41 13 00-0671	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	794.18	85.16
33 41 13 00-0672	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	834.45	92.91
33 41 13 00-0673	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	885.60	100.66
33 41 13 00-0674	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	931.88	108.39
33 41 13 00-0675	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	981.70	116.14
33 41 13 00-0676		Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0332)</small>		
33 41 13 00-0677		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0676)</small>		
33 41 13 00-0678		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0677)</small>		
33 41 13 00-0679	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	28.82	8.23
		<i>For Bituminous Coated Pipe, Add</i>	2.97	
		<i>For Bituminous Coated And 25% Paved, Add</i>	7.17	
		<i>For Smooth-Flo, Add</i>	11.83	
33 41 13 00-0680	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	31.75	8.98
		<i>For Bituminous Coated Pipe, Add</i>	3.54	
		<i>For Bituminous Coated And 25% Paved, Add</i>	8.57	
		<i>For Smooth-Flo, Add</i>	14.13	
33 41 13 00-0681	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	36.04	9.74
		<i>For Bituminous Coated Pipe, Add</i>	4.27	
		<i>For Bituminous Coated And 25% Paved, Add</i>	10.31	
		<i>For Smooth-Flo, Add</i>	17.01	
33 41 13 00-0682	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	40.27	10.48
		<i>For Bituminous Coated Pipe, Add</i>	4.91	
		<i>For Bituminous Coated And 25% Paved, Add</i>	11.88	
		<i>For Smooth-Flo, Add</i>	19.59	
33 41 13 00-0683	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	52.70	13.48
		<i>For Bituminous Coated Pipe, Add</i>	6.24	
		<i>For Bituminous Coated And 25% Paved, Add</i>	15.09	
		<i>For Smooth-Flo, Add</i>	24.88	
33 41 13 00-0684	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	68.45	17.03
		<i>For Bituminous Coated Pipe, Add</i>	8.05	
		<i>For Bituminous Coated And 25% Paved, Add</i>	19.46	
		<i>For Smooth-Flo, Add</i>	32.09	
33 41 13 00-0685		14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0677)</small>		
33 41 13 00-0686	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	31.23	8.23
		<i>For Bituminous Coated Pipe, Add</i>	3.08	
		<i>For Bituminous Coated And 25% Paved, Add</i>	7.20	
		<i>For Smooth-Flo, Add</i>	11.81	
33 41 13 00-0687	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	34.69	8.98
		<i>For Bituminous Coated Pipe, Add</i>	3.69	
		<i>For Bituminous Coated And 25% Paved, Add</i>	8.64	
		<i>For Smooth-Flo, Add</i>	14.17	
33 41 13 00-0688	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	39.32	9.74
		<i>For Bituminous Coated Pipe, Add</i>	4.39	
		<i>For Bituminous Coated And 25% Paved, Add</i>	10.27	
		<i>For Smooth-Flo, Add</i>	16.84	
33 41 13 00-0689	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	44.07	10.48
		<i>For Bituminous Coated Pipe, Add</i>	5.06	
		<i>For Bituminous Coated And 25% Paved, Add</i>	11.84	
		<i>For Smooth-Flo, Add</i>	19.41	
33 41 13 00-0690	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	57.44	13.48
		<i>For Bituminous Coated Pipe, Add</i>	6.41	
		<i>For Bituminous Coated And 25% Paved, Add</i>	14.99	
		<i>For Smooth-Flo, Add</i>	24.59	
33 41 13 00-0691	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	74.09	17.03
		<i>For Bituminous Coated Pipe, Add</i>	8.16	
		<i>For Bituminous Coated And 25% Paved, Add</i>	19.09	
		<i>For Smooth-Flo, Add</i>	31.32	
33 41 13 00-0692	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	84.64	20.13
		<i>For Bituminous Coated Pipe, Add</i>	9.72	
		<i>For Bituminous Coated And 25% Paved, Add</i>	22.75	
		<i>For Smooth-Flo, Add</i>	37.31	
33 41 13 00-0693		12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0677)</small>		
33 41 13 00-0694	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	44.23	9.29
		<i>For Bituminous Coated Pipe, Add</i>	3.99	
		<i>For Bituminous Coated And 25% Paved, Add</i>	8.89	
		<i>For Smooth-Flo, Add</i>	13.66	
33 41 13 00-0695	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	50.20	10.07
		<i>For Bituminous Coated Pipe, Add</i>	4.74	
		<i>For Bituminous Coated And 25% Paved, Add</i>	10.54	
		<i>For Smooth-Flo, Add</i>	16.21	
33 41 13 00-0696	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch	56.17	10.84
		<i>For Bituminous Coated Pipe, Add</i>	5.43	
		<i>For Bituminous Coated And 25% Paved, Add</i>	12.09	
		<i>For Smooth-Flo, Add</i>	18.59	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0697	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	72.89 6.84 15.22 23.41	13.94
33 41	13 00-0698	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	85.60 8.56 19.05 29.29	17.03
33 41	13 00-0699	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	97.93 10.12 22.53 34.64	20.13
33 41	13 00-0700	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	113.85 12.00 26.72 41.08	23.23
33 41	13 00-0701	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	127.63 13.26 29.50 45.36	26.32
33 41	13 00-0702			10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0677)</small>		
33 41	13 00-0703	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	96.44 10.31 21.71 27.38	17.03
33 41	13 00-0704	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	110.56 12.16 25.61 32.30	20.13
33 41	13 00-0705	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	128.16 14.31 30.13 38.00	23.23
33 41	13 00-0706	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	143.82 15.87 33.41 42.14	26.32
33 41	13 00-0707	LF		71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	157.48 17.42 36.68 46.26	27.88
33 41	13 00-0708			3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0676)</small>		
33 41	13 00-0709			14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0708)</small>		
33 41	13 00-0710	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	127.48 15.29 46.49 52.00	26.32
33 41	13 00-0711	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	139.27 16.74 50.88 56.90	27.88
33 41	13 00-0712	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	171.81 21.02 63.90 71.47	34.07
33 41	13 00-0713	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	211.22 22.54 68.51 76.62	49.55
33 41	13 00-0714	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	229.02 24.13 73.34 82.03	54.20
33 41	13 00-0715	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	244.78 25.73 78.21 87.48	58.06
33 41	13 00-0716	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	260.46 27.32 83.05 92.88	61.94
33 41	13 00-0717	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	276.72 28.91 87.87 98.28	65.81
33 41	13 00-0718			12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0708)</small>		
33 41	13 00-0719	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	164.18 21.72 56.90 67.33	27.88

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 41 13 00-0720	LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	199.44 26.55 69.55 82.29	34.07
33 41 13 00-0721	LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	241.29 28.55 74.80 88.51	49.55
33 41 13 00-0722	LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	261.53 30.63 80.25 94.95	54.20
33 41 13 00-0723	LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	279.71 32.71 85.71 101.41	58.06
33 41 13 00-0724	LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	297.84 34.79 91.16 107.86	61.94
33 41 13 00-0725	LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	316.52 36.87 96.59 114.28	65.81
33 41 13 00-0726	LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	337.44 38.96 102.08 120.78	69.68
33 41 13 00-0727	LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	360.07 41.04 107.54 127.24	77.43
33 41 13 00-0728	LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	383.42 43.33 113.53 134.33	85.16
33 41 13 00-0729	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0708)</small>		
33 41 13 00-0730	LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	269.23 34.14 81.25 88.25	49.55
33 41 13 00-0731	LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	291.78 36.68 87.29 94.81	54.20
33 41 13 00-0732	LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	312.25 39.22 93.35 101.39	58.06
33 41 13 00-0733	LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	332.64 41.75 99.37 107.93	61.94
33 41 13 00-0734	LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	353.63 44.29 105.41 114.48	65.81
33 41 13 00-0735	LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	376.82 46.84 111.47 121.08	69.68
33 41 13 00-0736	LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	401.74 49.38 117.52 127.64	77.43
33 41 13 00-0737	LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	427.20 52.09 123.97 134.65	85.16
33 41 13 00-0738	LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	454.40 55.34 131.71 143.06	92.91
33 41 13 00-0739	125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0676)</small>		
33 41 13 00-0740	12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 41 13 00-0739)</small>		
33 41 13 00-0741	LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	244.03 29.10 71.00 90.35	49.55
33 41 13 00-0742	LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	264.00 31.12 75.94 96.63	54.20

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

33 41 13 00-0743	LF			95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	281.75 33.12 80.82 102.84	58.06
33 41 13 00-0744	LF			103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	299.48 35.12 85.70 109.05	61.94
33 41 13 00-0745	LF			112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	317.87 37.14 90.61 115.31	65.81
33 41 13 00-0746	LF			117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	338.56 39.19 95.61 121.67	69.68
33 41 13 00-0747	LF			128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	360.96 41.22 100.58 127.99	77.43
33 41 13 00-0748	LF			137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	385.64 43.78 106.81 135.92	85.16

33 41 13 00-0749 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch (33 41 13 00-0739)

33 41 13 00-0750	LF			81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	274.96 35.28 79.74 86.62	49.55
33 41 13 00-0751	LF			87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	297.40 37.80 85.43 92.80	54.20
33 41 13 00-0752	LF			95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	317.67 40.31 91.09 98.95	58.06
33 41 13 00-0753	LF			103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	337.99 42.82 96.78 105.13	61.94
33 41 13 00-0754	LF			112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	358.47 45.26 102.28 111.10	65.81
33 41 13 00-0755	LF			117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	382.01 47.88 108.20 117.54	69.68
33 41 13 00-0756	LF			128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	406.97 50.42 113.96 123.79	77.43
33 41 13 00-0757	LF			137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	434.19 53.49 120.88 131.31	85.16
33 41 13 00-0758	LF			142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	459.57 56.38 127.41 138.40	92.91

33 41 13 00-0759 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 41 13 00-0676)

33 41 13 00-0760 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 41 13 00-0759)

33 41 13 00-0761	LF			17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	44.32	8.23
33 41 13 00-0762	LF			21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	50.27	8.98
33 41 13 00-0763	LF			24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	58.39	9.74
33 41 13 00-0764	LF			28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	66.07	10.48
33 41 13 00-0765	LF			35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	85.56	13.48
33 41 13 00-0766	LF			42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	111.13	17.03

33 41 13 00-0767 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch (33 41 13 00-0759)

33 41 13 00-0768	LF			17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	49.85	8.23
33 41 13 00-0769	LF			21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	57.03	8.98
33 41 13 00-0770	LF			24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	65.93	9.74
33 41 13 00-0771	LF			28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	74.84	10.48
33 41 13 00-0772	LF			35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	96.46	13.48
33 41 13 00-0773	LF			42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	124.10	17.03
33 41 13 00-0774	LF			49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	144.34	20.13

33 Utilities
33 40 Storm Drainage Utilities
33 41 Storm Utility Drainage Piping

MINOR
 CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0775			12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0776	LF		21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	73.60	8.98
33 41 13 00-0777	LF		24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	85.56	9.74
33 41 13 00-0778	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	97.06	10.48
33 41 13 00-0779	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	124.19	13.48
33 41 13 00-0780	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	157.60	17.03
33 41 13 00-0781	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	183.35	20.13
33 41 13 00-0782	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	215.84	23.23
33 41 13 00-0783	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	239.96	26.32
33 41 13 00-0784			10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0785	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	183.87	17.03
33 41 13 00-0786	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	214.01	20.13
33 41 13 00-0787	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	250.60	23.23
33 41 13 00-0788	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	279.26	26.32
33 41 13 00-0789	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	305.87	27.88
33 41 13 00-0790			3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0791			14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0792	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	242.25	26.32
33 41 13 00-0793	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	264.63	27.88
33 41 13 00-0794	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	330.59	34.07
33 41 13 00-0795	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	381.20	49.55
33 41 13 00-0796	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	410.81	54.20
33 41 13 00-0797	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	438.39	58.06
33 41 13 00-0798	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	465.85	61.94
33 41 13 00-0799	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	493.94	65.81
33 41 13 00-0800			12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0801	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	327.99	27.88
33 41 13 00-0802	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	401.12	34.07
33 41 13 00-0803	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	457.96	49.55
33 41 13 00-0804	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	493.69	54.20
33 41 13 00-0805	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	527.42	58.06
33 41 13 00-0806	LF		103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	561.10	61.94
33 41 13 00-0807	LF		112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	595.28	65.81
33 41 13 00-0808	LF		117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	631.79	69.68
33 41 13 00-0809	LF		128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	669.96	77.43
33 41 13 00-0810	LF		137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	710.40	85.16
33 41 13 00-0811			10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0812	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	527.60	49.55
33 41 13 00-0813	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	569.08	54.20
33 41 13 00-0814	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	608.57	58.06
33 41 13 00-0815	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	647.84	61.94
33 41 13 00-0816	LF		112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	687.76	65.81
33 41 13 00-0817	LF		117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	729.97	69.68
33 41 13 00-0818	LF		128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	773.87	77.43
33 41 13 00-0819	LF		137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	819.54	85.16
33 41 13 00-0820	LF		142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	871.02	92.91
33 41 13 00-0821			125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0822			12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0823	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	451.70	49.55
33 41 13 00-0824	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	485.86	54.20
33 41 13 00-0825	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	517.64	58.06
33 41 13 00-0826	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	549.36	61.94
33 41 13 00-0827	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	581.86	65.81
33 41 13 00-0828	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	616.92	69.68
33 41 13 00-0829	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	653.57	77.43
33 41 13 00-0830	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	696.13	85.16
33 41 13 00-0831			10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch		
33 41 13 00-0832	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	525.98	49.55
33 41 13 00-0833	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	566.03	54.20
33 41 13 00-0834	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	603.84	58.06
33 41 13 00-0835	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	641.79	61.94
33 41 13 00-0836	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	679.35	65.81
33 41 13 00-0837	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	721.22	69.68
33 41 13 00-0838	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	764.06	77.43
33 41 13 00-0839	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	812.79	85.16

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-0840	LF	142" x 91" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	858.31	92.91
33 41 13 00-0841		Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0332)</small>		
33 41 13 00-0842		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0841)</small>		
33 41 13 00-0843		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0842)</small>		
33 41 13 00-0844	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	27.25 4.41	7.86
33 41 13 00-0845	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	30.67 5.56	8.23
33 41 13 00-0846	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	34.20 6.74	8.98
33 41 13 00-0847	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	38.85 8.06	9.74
33 41 13 00-0848	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	42.99 9.07	10.48
33 41 13 00-0849	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.77 11.77	13.48
33 41 13 00-0850	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	72.88 14.85	17.03
33 41 13 00-0851	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	82.89 17.56	20.13
33 41 13 00-0852	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	93.17 19.68	23.23
33 41 13 00-0853		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0842)</small>		
33 41 13 00-0854	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	29.64 4.19	7.86
33 41 13 00-0855	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	33.61 5.26	8.23
33 41 13 00-0856	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	37.70 6.36	8.98
33 41 13 00-0857	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	42.92 7.56	9.74
33 41 13 00-0858	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	47.71 8.56	10.48
33 41 13 00-0859	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	62.55 11.00	13.48
33 41 13 00-0860	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	79.87 13.78	17.03
33 41 13 00-0861	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	90.94 16.23	20.13
33 41 13 00-0862	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	102.34 18.23	23.23
33 41 13 00-0863	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	122.17 22.42	26.32
33 41 13 00-0864		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0842)</small>		
33 41 13 00-0865	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	45.08 5.93	8.98
33 41 13 00-0866	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	51.52 7.01	9.74
33 41 13 00-0867	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	57.49 7.94	10.48
33 41 13 00-0868	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	74.75 10.13	13.48
33 41 13 00-0869	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	94.59 12.57	17.03
33 41 13 00-0870	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	108.00 14.74	20.13
33 41 13 00-0871	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	121.80 16.63	23.23
33 41 13 00-0872	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	144.40 20.08	26.32
33 41 13 00-0873	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	157.70 21.95	27.88
33 41 13 00-0874	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	192.29 27.00	34.07
33 41 13 00-0875		10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0842)</small>		
33 41 13 00-0876	LF	36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	107.83 13.77	17.03
33 41 13 00-0877	LF	42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	123.48 16.14	20.13
33 41 13 00-0878	LF	48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	139.38 18.22	23.23

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0879	LF	54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	164.11 21.72	26.32
33 41	13 00-0880	LF	60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	179.64 23.82	27.88
33 41	13 00-0881	LF	66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	216.38 28.74	34.07
33 41	13 00-0882	LF	72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	259.00 30.81	49.55
33 41	13 00-0883		3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0841)</small>		
33 41	13 00-0884		16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0883)</small>		
33 41	13 00-0885	LF	36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	83.29 16.51	17.03
33 41	13 00-0886	LF	42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	94.80 19.38	20.13
33 41	13 00-0887	LF	48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	106.56 21.74	23.23
33 41	13 00-0888	LF	54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	126.87 26.55	26.32
33 41	13 00-0889	LF	60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	138.24 28.93	27.88
33 41	13 00-0890	LF	66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	172.87 37.16	34.07
33 41	13 00-0891	LF	72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	211.69 39.60	49.55
33 41	13 00-0892	LF	78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	228.55 42.06	54.20
33 41	13 00-0893	LF	84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	243.34 44.52	58.06
33 41	13 00-0894	LF	90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	258.10 46.98	61.94
33 41	13 00-0895	LF	96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	273.44 49.44	65.81
33 41	13 00-0896	LF	102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	290.96 51.92	69.68
33 41	13 00-0897		14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0883)</small>		
33 41	13 00-0898	LF	54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	138.83 23.01	26.32
33 41	13 00-0899	LF	60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	151.45 25.12	27.88
33 41	13 00-0900	LF	66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	187.41 31.62	34.07
33 41	13 00-0901	LF	72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	227.54 33.80	49.55
33 41	13 00-0902	LF	78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	245.68 35.97	54.20
33 41	13 00-0903	LF	84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	261.81 38.17	58.06
33 41	13 00-0904	LF	90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	277.84 40.34	61.94
33 41	13 00-0905	LF	96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	294.45 42.51	65.81
33 41	13 00-0906	LF	102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	313.25 44.70	69.68
33 41	13 00-0907	LF	108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	333.81 46.89	77.43
33 41	13 00-0908	LF	114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	353.93 49.04	85.16
33 41	13 00-0909		12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0883)</small>		
33 41	13 00-0910	LF	60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	180.83 33.69	27.88
33 41	13 00-0911	LF	66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	219.94 41.22	34.07
33 41	13 00-0912	LF	72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	262.89 44.21	49.55
33 41	13 00-0913	LF	78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	283.91 47.21	54.20
33 41	13 00-0914	LF	84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	302.88 50.23	58.06
33 41	13 00-0915	LF	90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	321.78 53.24	61.94
33 41	13 00-0916	LF	96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	341.25 56.24	65.81
33 41	13 00-0917	LF	102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	362.90 59.25	69.68
33 41	13 00-0918	LF	108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	386.30 62.26	77.43
33 41	13 00-0919	LF	114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	409.29 65.24	85.16
33 41	13 00-0920	LF	120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	431.43 68.26	92.91

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

33 41 13 00-0921	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0883)</small>		
33 41 13 00-0922	LF 72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	295.87 54.27	49.55
33 41 13 00-0923	LF 78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	319.54 58.07	54.20
33 41 13 00-0924	LF 84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	341.22 61.90	58.06
33 41 13 00-0925	LF 90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	362.80 65.71	61.94
33 41 13 00-0926	LF 96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	385.01 69.53	65.81
33 41 13 00-0927	LF 102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	409.39 73.36	69.68
33 41 13 00-0928	LF 108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	435.45 77.17	77.43
33 41 13 00-0929	LF 114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	461.14 80.95	85.16
33 41 13 00-0930	LF 120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	486.01 84.79	92.91
33 41 13 00-0931	LF 126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	512.30 88.59	100.66
33 41 13 00-0932	LF 132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	540.57 92.41	108.39
33 41 13 00-0933	LF 138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	571.20 96.25	116.14
33 41 13 00-0934	125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0841)</small>		
33 41 13 00-0935	16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0934)</small>		
33 41 13 00-0936	LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	106.95 26.93	23.23
33 41 13 00-0937	LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	127.57 33.00	26.32
33 41 13 00-0938	LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	138.84 35.88	27.88
33 41 13 00-0939	LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	171.52 45.17	34.07
33 41 13 00-0940	LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	210.18 48.12	49.55
33 41 13 00-0941	LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	226.87 51.06	54.20
33 41 13 00-0942	LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	241.40 53.99	58.06
33 41 13 00-0943	LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	255.88 56.90	61.94
33 41 13 00-0944	LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	271.08 59.86	65.81
33 41 13 00-0945	LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	288.55 62.89	69.68
33 41 13 00-0946	14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0934)</small>		
33 41 13 00-0947	LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	142.51 31.11	26.32
33 41 13 00-0948	LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	155.50 33.97	27.88
33 41 13 00-0949	LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	189.66 41.80	34.07
33 41 13 00-0950	LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	229.81 44.63	49.55
33 41 13 00-0951	LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	248.24 47.55	54.20
33 41 13 00-0952	LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	264.44 50.42	58.06
33 41 13 00-0953	LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	279.77 53.01	61.94
33 41 13 00-0954	LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	297.35 56.15	65.81
33 41 13 00-0955	LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	316.24 59.03	69.68
33 41 13 00-0956	LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	336.82 61.87	77.43
33 41 13 00-0957	LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	357.30 64.78	85.16
33 41 13 00-0958	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0934)</small>		
33 41 13 00-0959	LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	186.63 37.48	27.88

33	33 Utilities
	33 40 Storm Drainage Utilities
	33 41 Storm Utility Drainage Piping



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-0960	LF	66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	223.98 44.98	34.07
33 41	13 00-0961	LF	72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	267.39 48.29	49.55
33 41	13 00-0962	LF	78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	288.70 51.57	54.20
33 41	13 00-0963	LF	84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	307.85 54.83	58.06
33 41	13 00-0964	LF	90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	327.13 58.13	61.94
33 41	13 00-0965	LF	96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	346.89 61.40	65.81
33 41	13 00-0966	LF	102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	368.77 64.68	69.68
33 41	13 00-0967	LF	108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	392.52 67.97	77.43
33 41	13 00-0968	LF	114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	415.90 71.25	85.16
33 41	13 00-0969	LF	120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	438.29 74.53	92.91
33 41 13 00-0970 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0934)</small>					
33 41	13 00-0971	LF	72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	303.37 58.58	49.55
33 41	13 00-0972	LF	78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	328.04 62.82	54.20
33 41	13 00-0973	LF	84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	350.31 66.97	58.06
33 41	13 00-0974	LF	90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	372.42 71.09	61.94
33 41	13 00-0975	LF	96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	395.24 75.23	65.81
33 41	13 00-0976	LF	102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	420.11 79.36	69.68
33 41	13 00-0977	LF	108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	446.83 83.51	77.43
33 41	13 00-0978	LF	114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	473.21 87.64	85.16
33 41	13 00-0979	LF	120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	498.55 91.77	92.91
33 41	13 00-0980	LF	126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	530.06 97.21	100.66
33 41	13 00-0981	LF	132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	560.08 101.69	108.39
33 41	13 00-0982	LF	138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	593.05 106.35	116.14
33 41 13 00-0983 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0841)</small>					
33 41 13 00-0984 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0983)</small>					
33 41	13 00-0985	LF	18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	38.22	8.98
33 41	13 00-0986	LF	21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	43.50	9.74
33 41	13 00-0987	LF	24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	48.50	10.48
33 41	13 00-0988	LF	30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	63.49	13.48
33 41	13 00-0989	LF	36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	80.77	17.03
33 41	13 00-0990	LF	42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	91.99	20.13
33 41	13 00-0991	LF	48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	103.75	23.23
33 41	13 00-0992	LF	54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	122.80	26.32
33 41	13 00-0993	LF	60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	134.15	27.88
33 41 13 00-0994 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0983)</small>					
33 41	13 00-0995	LF	18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	41.68	8.98
33 41	13 00-0996	LF	21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	47.55	9.74
33 41	13 00-0997	LF	24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	53.09	10.48
33 41	13 00-0998	LF	30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	69.22	13.48
33 41	13 00-0999	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	87.67	17.03
33 41	13 00-1000	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	100.06	20.13
33 41	13 00-1001	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	112.97	23.23
33 41	13 00-1002	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	133.16	26.32
33 41	13 00-1003	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	145.70	27.88
33 41	13 00-1004	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	177.00	34.07
33 41	13 00-1005	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	216.68	49.55
33 41	13 00-1006	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	234.49	54.20
33 41 13 00-1007 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 41 13 00-0983)</small>					
33 41	13 00-1008	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	80.84	13.48
33 41	13 00-1009	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	101.58	17.03
33 41	13 00-1010	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	116.36	20.13
33 41	13 00-1011	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	131.56	23.23
33 41	13 00-1012	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	154.07	26.32

MINOR CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

Table with columns for quantity (e.g., 33 41 13 00-1013), description (e.g., LF 60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe), and costs (168.96, 27.88). Includes various pipe sizes and gauges, and pavement materials.

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

Item ID	Description	Total Direct Unit Cost	Demolition Unit Cost
33 41 13 00-1054	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1053)</small>		
33 41 13 00-1055	LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	141.19 41.30	26.32
33 41 13 00-1056	LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	154.26 45.19	27.88
33 41 13 00-1057	LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	190.65 56.76	34.07
33 41 13 00-1058	LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	231.40 60.85	49.55
33 41 13 00-1059	LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	250.65 65.16	54.20
33 41 13 00-1060	LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	267.81 69.46	58.06
33 41 13 00-1061	LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	284.92 73.76	61.94
33 41 13 00-1062	LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	302.63 78.06	65.81
33 41 13 00-1063	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1053)</small>		
33 41 13 00-1064	LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	183.66 51.36	27.88
33 41 13 00-1065	LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	223.24 62.77	34.07
33 41 13 00-1066	LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	266.89 67.51	49.55
33 41 13 00-1067	LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	288.97 72.41	54.20
33 41 13 00-1068	LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	309.04 77.35	58.06
33 41 13 00-1069	LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	329.04 82.27	61.94
33 41 13 00-1070	LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	349.59 87.18	65.81
33 41 13 00-1071	LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	372.37 92.13	69.68
33 41 13 00-1072	LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	396.86 97.05	77.43
33 41 13 00-1073	LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	422.28 102.46	85.16
33 41 13 00-1074	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1053)</small>		
33 41 13 00-1075	LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	299.84 73.07	49.55
33 41 13 00-1076	LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	324.66 78.51	54.20
33 41 13 00-1077	LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	347.43 83.96	58.06
33 41 13 00-1078	LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	370.08 89.37	61.94
33 41 13 00-1079	LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	395.17 95.46	65.81
33 41 13 00-1080	LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	418.83 100.26	69.68
33 41 13 00-1081	LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	446.04 105.70	77.43
33 41 13 00-1082	LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	473.91 111.50	85.16
33 41 13 00-1083	LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	504.03 118.46	92.91
33 41 13 00-1084	125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1021)</small>		
33 41 13 00-1085	12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1084)</small>		
33 41 13 00-1086	LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	270.22 66.44	49.55
33 41 13 00-1087	LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	292.00 71.06	54.20
33 41 13 00-1088	LF 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	311.58 75.64	58.06
33 41 13 00-1089	LF 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	331.11 80.20	61.94
33 41 13 00-1090	LF 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	351.30 84.80	65.81
33 41 13 00-1091	LF 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	373.83 89.47	69.68
33 41 13 00-1092	LF 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	398.07 94.13	77.43

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

33 41	13 00-1093	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	425.04 99.95	85.16
33 41 13 00-1094 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 41 13 00-1084)</small>					
33 41	13 00-1095	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	306.72 73.70	49.55
33 41	13 00-1096	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	331.43 78.96	54.20
33 41	13 00-1097	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	353.95 84.18	58.06
33 41	13 00-1098	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	376.53 89.44	61.94
33 41	13 00-1099	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	399.22 94.53	65.81
33 41	13 00-1100	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	425.10 99.99	69.68
33 41	13 00-1101	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	452.38 105.33	77.43
33 41	13 00-1102	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	482.34 111.72	85.16
33 41	13 00-1103	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	510.33 117.75	92.91
33 41 13 00-1104 Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-0332)</small>					
33 41 13 00-1105 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1104)</small>					
33 41 13 00-1106 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1105)</small>					
33 41	13 00-1107	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	16.09 1.37	4.49
33 41	13 00-1108	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	20.54 1.85	5.62
33 41	13 00-1109	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	26.54 2.44	6.73
33 41 13 00-1110 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1105)</small>					
33 41	13 00-1111	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	17.66 1.35	4.49
33 41	13 00-1112	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	22.75 1.85	5.62
33 41	13 00-1113	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	29.50 2.45	6.73
33 41 13 00-1114 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1104)</small>					
33 41 13 00-1115 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1114)</small>					
33 41	13 00-1116	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	30.85 2.69	7.86
33 41	13 00-1117	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	35.14 3.37	8.23
33 41	13 00-1118	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	39.67 4.10	8.98
33 41	13 00-1119	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	45.35 4.89	9.74
33 41	13 00-1120	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	50.52 5.55	10.48
33 41 13 00-1121 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 41 13 00-1114)</small>					
33 41	13 00-1122	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	34.21 2.63	7.86
33 41	13 00-1123	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	39.42 3.31	8.23
33 41	13 00-1124	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	44.80 4.01	8.98
33 41	13 00-1125	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	51.30 4.76	9.74
33 41	13 00-1126	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	57.35 5.41	10.48
33 41	13 00-1127	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	74.81 6.93	13.48
33 41	13 00-1128	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	94.78 8.62	17.03

33	33 Utilities
	33 40 Storm Drainage Utilities
	33 41 Storm Utility Drainage Piping

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1129			12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1114)		
33 41 13 00-1130	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	70.40	10.48
			<i>For Bituminous Coated Pipe, Add</i>	5.14	
33 41 13 00-1131	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	91.06	13.48
			<i>For Bituminous Coated Pipe, Add</i>	6.53	
33 41 13 00-1132	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	114.30	17.03
			<i>For Bituminous Coated Pipe, Add</i>	8.05	
33 41 13 00-1133	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	131.35	20.13
			<i>For Bituminous Coated Pipe, Add</i>	9.47	
33 41 13 00-1134	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	148.52	23.23
			<i>For Bituminous Coated Pipe, Add</i>	10.72	
33 41 13 00-1135	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	174.46	26.32
			<i>For Bituminous Coated Pipe, Add</i>	12.72	
33 41 13 00-1136			10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1114)		
33 41 13 00-1137	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	135.09	17.03
			<i>For Bituminous Coated Pipe, Add</i>	7.92	
33 41 13 00-1138	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	155.58	20.13
			<i>For Bituminous Coated Pipe, Add</i>	9.29	
33 41 13 00-1139	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	176.28	23.23
			<i>For Bituminous Coated Pipe, Add</i>	10.55	
33 41 13 00-1140	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	205.69	26.32
			<i>For Bituminous Coated Pipe, Add</i>	12.37	
33 41 13 00-1141	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	226.04	27.88
			<i>For Bituminous Coated Pipe, Add</i>	13.64	
33 41 13 00-1142			3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1104)		
33 41 13 00-1143			16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1142)		
33 41 13 00-1144	LF		30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	73.75	13.48
33 41 13 00-1145	LF		36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	93.46	17.03
33 41 13 00-1146	LF		42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	106.61	20.13
33 41 13 00-1147	LF		48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	120.68	23.23
33 41 13 00-1148	LF		54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	142.21	26.32
33 41 13 00-1149			14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1142)		
33 41 13 00-1150	LF		30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	82.31	13.48
33 41 13 00-1151	LF		36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	105.67	17.03
33 41 13 00-1152	LF		42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	120.78	20.13
33 41 13 00-1153	LF		48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	136.15	23.23
33 41 13 00-1154	LF		54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	160.33	26.32
33 41 13 00-1155	LF		60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	175.27	27.88
33 41 13 00-1156	LF		66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	213.01	34.07
33 41 13 00-1157	LF		72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	255.31	49.55
33 41 13 00-1158	LF		78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	275.66	54.20
33 41 13 00-1159			12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1142)		
33 41 13 00-1160	LF		30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	102.29	13.48
33 41 13 00-1161	LF		36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	128.13	17.03
33 41 13 00-1162	LF		42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	147.63	20.13
33 41 13 00-1163	LF		48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	166.94	23.23
33 41 13 00-1164	LF		54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	194.89	26.32
33 41 13 00-1165	LF		60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	213.54	27.88
33 41 13 00-1166	LF		66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	254.98	34.07
33 41 13 00-1167	LF		72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	301.09	49.55
33 41 13 00-1168	LF		78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	325.18	54.20
33 41 13 00-1169	LF		84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	347.23	58.06
33 41 13 00-1170	LF		90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	369.20	61.94
33 41 13 00-1171	LF		96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	391.76	65.81
33 41 13 00-1172			10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 41 13 00-1142)		
33 41 13 00-1173	LF		60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	253.80	27.88
33 41 13 00-1174	LF		66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	297.57	34.07
33 41 13 00-1175	LF		72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	347.49	49.55
33 41 13 00-1176	LF		78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	375.41	54.20
33 41 13 00-1177	LF		84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	401.22	58.06
33 41 13 00-1178	LF		90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	427.01	61.94
33 41 13 00-1179	LF		96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	453.36	65.81
33 41 13 00-1180	LF		102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	481.93	69.68
33 41 13 00-1181	LF		108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	512.21	77.43

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1182		Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-1104) Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 41 13 00-1183		16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-1182)		
33 41 13 00-1184	LF	18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	51.19	8.98
33 41 13 00-1185	LF	21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	55.08	9.74
33 41 13 00-1186	LF	24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	65.83	10.48
33 41 13 00-1187	LF	27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.98	11.98
33 41 13 00-1188	LF	30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	85.47	13.48
33 41 13 00-1189	LF	33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	94.84	14.97
33 41 13 00-1190		14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-1182)		
33 41 13 00-1191	LF	18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	58.43	8.98
33 41 13 00-1192	LF	21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	67.21	9.74
33 41 13 00-1193	LF	24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	75.56	10.48
33 41 13 00-1194	LF	27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	86.90	11.98
33 41 13 00-1195	LF	30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	97.59	13.48
33 41 13 00-1196	LF	33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	108.20	14.97
33 41 13 00-1197	LF	36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	122.28	17.03
33 41 13 00-1198	LF	42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.66	20.13
33 41 13 00-1199	LF	48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	159.12	23.23
33 41 13 00-1200		12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-1182)		
33 41 13 00-1201	LF	30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	121.28	13.48
33 41 13 00-1202	LF	33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	134.20	14.97
33 41 13 00-1203	LF	36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	150.70	17.03
33 41 13 00-1204	LF	42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	173.83	20.13
33 41 13 00-1205	LF	48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	197.03	23.23
33 41 13 00-1206	LF	54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	270.21	26.32
33 41 13 00-1207	LF	60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	297.26	27.88
33 41 13 00-1208		10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 41 13 00-1182)		
33 41 13 00-1209	LF	48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	274.29	23.23
33 41 13 00-1210	LF	54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	317.83	26.32
33 41 13 00-1211	LF	60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	350.24	27.88
33 41 13 00-1212	LF	66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	407.39	34.07
33 41 13 00-1213	LF	72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	466.44	49.55
33 41 13 00-1214	LF	78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	503.92	54.20
33 41 13 00-1215	LF	84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	539.00	58.06
33 41 13 00-1216		Spiral Lockseam Aluminum Pipe-Arch (33 41 13 00-0332)		
33 41 13 00-1217		2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 41 13 00-1216)		
33 41 13 00-1218		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 41 13 00-1217)		
33 41 13 00-1219	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	36.66	8.23
		For Bituminous Coated Pipe, Add	3.38	
33 41 13 00-1220	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	41.12	8.98
		For Bituminous Coated Pipe, Add	4.04	
33 41 13 00-1221	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	47.00	9.74
		For Bituminous Coated Pipe, Add	4.80	
33 41 13 00-1222		14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 41 13 00-1217)		
33 41 13 00-1223	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	40.95	8.23
		For Bituminous Coated Pipe, Add	3.37	
33 41 13 00-1224	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	45.23	8.98
		For Bituminous Coated Pipe, Add	3.88	
33 41 13 00-1225	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	52.95	9.74
		For Bituminous Coated Pipe, Add	4.77	
33 41 13 00-1226	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	59.58	10.48
		For Bituminous Coated Pipe, Add	5.47	
33 41 13 00-1227	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	77.04	13.48
		For Bituminous Coated Pipe, Add	6.92	
33 41 13 00-1228		12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch (33 41 13 00-1217)		
33 41 13 00-1229	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	72.64	10.48
		For Bituminous Coated Pipe, Add	5.21	
33 41 13 00-1230	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	93.32	13.48
		For Bituminous Coated Pipe, Add	6.57	
33 41 13 00-1231	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	118.13	17.03
		For Bituminous Coated Pipe, Add	8.20	
33 41 13 00-1232	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	136.40	20.13
		For Bituminous Coated Pipe, Add	9.70	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1233			10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch		
			<small>(33 41 13 00-1217)</small>		
33 41 13 00-1234	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	138.89	17.03
			<i>For Bituminous Coated Pipe, Add</i>	7.91	
33 41 13 00-1235	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	160.66	20.13
			<i>For Bituminous Coated Pipe, Add</i>	9.34	
33 41 13 00-1236	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	186.50	23.23
			<i>For Bituminous Coated Pipe, Add</i>	10.94	
33 41 13 00-1237	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	209.05	26.32
			<i>For Bituminous Coated Pipe, Add</i>	12.17	
33 41 13 00-1238			3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 41 13 00-1216)</small>		
33 41 13 00-1239			14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 41 13 00-1238)</small>		
33 41 13 00-1240	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	163.69	26.32
33 41 13 00-1241	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	179.17	27.88
33 41 13 00-1242	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	217.83	34.07
33 41 13 00-1243			12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 41 13 00-1238)</small>		
33 41 13 00-1244	LF		60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	198.25	26.32
33 41 13 00-1245	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	217.44	27.88
33 41 13 00-1246	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	259.64	34.07
33 41 13 00-1247	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	306.09	49.55
33 41 13 00-1248	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	330.54	54.20
33 41 13 00-1249	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	352.94	58.06
33 41 13 00-1250			10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 41 13 00-1238)</small>		
33 41 13 00-1251	LF		66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	257.64	27.88
33 41 13 00-1252	LF		73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	302.05	34.07
33 41 13 00-1253	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	352.32	49.55
33 41 13 00-1254	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	380.59	54.20
33 41 13 00-1255	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	406.75	58.06
33 41 13 00-1256	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	432.88	61.94
33 41 13 00-1257			Corrugated Steel Pipe Fittings <small>(33 41 13 00-0332)</small>		
			Note: Equivalent pipe-arch sizes are approximate.		
33 41 13 00-1258			Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings <small>(33 41 13 00-1257)</small>		
			Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 41 13 00-1259	EA		Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	68.14	
33 41 13 00-1260	EA		Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	85.45	
33 41 13 00-1261	EA		Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	102.77	
33 41 13 00-1262	EA		Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	121.16	
33 41 13 00-1263	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	147.11	
33 41 13 00-1264	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	173.06	
33 41 13 00-1265	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	199.02	
33 41 13 00-1266	EA		Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	224.97	
33 41 13 00-1267	EA		Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	293.13	
33 41 13 00-1268	EA		Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	349.37	
33 41 13 00-1269	EA		Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	405.62	
33 41 13 00-1270	EA		Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	524.60	
33 41 13 00-1271	EA		Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	591.67	
33 41 13 00-1272	EA		Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	660.90	
33 41 13 00-1273	EA		Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	732.28	
33 41 13 00-1274	EA		Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	892.37	
33 41 13 00-1275	EA		Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	973.48	
33 41 13 00-1276	EA		Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,056.77	
33 41 13 00-1277	EA		Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,296.89	
33 41 13 00-1278	EA		Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,392.09	
33 41 13 00-1279	EA		Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,488.36	
33 41 13 00-1280	EA		Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,584.61	

33 Utilities
33 40 Storm Drainage Utilities
33 41 Storm Utility Drainage Piping

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41	13 00-1339	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,113.57	
33 41	13 00-1340	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,180.96	
33 41	13 00-1341	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,252.44	
33 41 13 00-1342 Coupling Bands, Corrugated Metal Pipe Fitting (33 41 13 00-1257)					
33 41	13 00-1343	EA	6" Coupling Band, Corrugated Metal Pipe Fitting.....	7.82	
			<i>For Bituminous Coated, Add</i>	2.27	
33 41	13 00-1344	EA	8" Coupling Band, Corrugated Metal Pipe Fitting.....	10.38	
			<i>For Bituminous Coated, Add</i>	3.01	
33 41	13 00-1345	EA	10" Coupling Band, Corrugated Metal Pipe Fitting.....	13.08	
			<i>For Bituminous Coated, Add</i>	3.79	
33 41	13 00-1346	EA	12" Coupling Band, Corrugated Metal Pipe Fitting.....	21.71	
			<i>For Bituminous Coated, Add</i>	6.30	
33 41	13 00-1347	EA	15" Coupling Band, Corrugated Metal Pipe Fitting.....	27.38	
			<i>For Bituminous Coated, Add</i>	7.94	
33 41	13 00-1348	EA	18" Coupling Band, Corrugated Metal Pipe Fitting.....	40.17	
			<i>For Bituminous Coated, Add</i>	11.65	
33 41	13 00-1349	EA	21" Coupling Band, Corrugated Metal Pipe Fitting.....	47.67	
			<i>For Bituminous Coated, Add</i>	13.82	
33 41	13 00-1350	EA	24" Coupling Band, Corrugated Metal Pipe Fitting.....	54.06	
			<i>For Bituminous Coated, Add</i>	15.68	
33 41	13 00-1351	EA	30" Coupling Band, Corrugated Metal Pipe Fitting.....	93.55	
			<i>For Bituminous Coated, Add</i>	27.13	
33 41	13 00-1352	EA	36" Coupling Band, Corrugated Metal Pipe Fitting.....	149.67	
			<i>For Bituminous Coated, Add</i>	35.92	
33 41	13 00-1353	EA	42" Coupling Band, Corrugated Metal Pipe Fitting.....	175.86	
			<i>For Bituminous Coated, Add</i>	42.21	
33 41	13 00-1354	EA	48" Coupling Band, Corrugated Metal Pipe Fitting.....	197.06	
			<i>For Bituminous Coated, Add</i>	47.29	
33 41	13 00-1355	EA	54" Coupling Band, Corrugated Metal Pipe Fitting.....	279.46	
			<i>For Bituminous Coated, Add</i>	67.07	
33 41	13 00-1356	EA	60" Coupling Band, Corrugated Metal Pipe Fitting.....	399.71	
			<i>For Bituminous Coated, Add</i>	71.95	
33 41	13 00-1357	EA	66" Coupling Band, Corrugated Metal Pipe Fitting.....	491.23	
			<i>For Bituminous Coated, Add</i>	88.42	
33 41	13 00-1358	EA	72" Coupling Band, Corrugated Metal Pipe Fitting.....	631.02	
			<i>For Bituminous Coated, Add</i>	88.34	
33 41	13 00-1359	EA	78" Coupling Band, Corrugated Metal Pipe Fitting.....	674.92	
			<i>For Bituminous Coated, Add</i>	94.49	
33 41	13 00-1360	EA	84" Coupling Band, Corrugated Metal Pipe Fitting.....	719.06	
			<i>For Bituminous Coated, Add</i>	100.67	
33 41	13 00-1361	EA	90" Coupling Band, Corrugated Metal Pipe Fitting.....	762.98	
			<i>For Bituminous Coated, Add</i>	106.82	
33 41	13 00-1362	EA	96" Coupling Band, Corrugated Metal Pipe Fitting.....	807.01	
			<i>For Bituminous Coated, Add</i>	112.98	
33 41	13 00-1363	EA	102" Coupling Band, Corrugated Metal Pipe Fitting.....	851.16	
			<i>For Bituminous Coated, Add</i>	119.16	
33 41	13 00-1364	EA	108" Coupling Band, Corrugated Metal Pipe Fitting.....	895.10	
			<i>For Bituminous Coated, Add</i>	125.31	
33 41	13 00-1365	EA	114" Coupling Band, Corrugated Metal Pipe Fitting.....	1,060.15	
			<i>For Bituminous Coated, Add</i>	127.22	
33 41	13 00-1366	EA	120" Coupling Band, Corrugated Metal Pipe Fitting.....	982.92	
			<i>For Bituminous Coated, Add</i>	117.95	
33 41	13 00-1367	EA	126" Coupling Band, Corrugated Metal Pipe Fitting.....	1,026.73	
			<i>For Bituminous Coated, Add</i>	123.21	
33 41	13 00-1368	EA	132" Coupling Band, Corrugated Metal Pipe Fitting.....	1,070.85	
			<i>For Bituminous Coated, Add</i>	128.50	
33 41	13 00-1369	EA	138" Coupling Band, Corrugated Metal Pipe Fitting.....	1,115.02	
			<i>For Bituminous Coated, Add</i>	133.80	
33 41 13 00-1370 Corrugated Metal Pipe End Sections (33 41 13 00-0332)					
33 41 13 00-1371 Galvanized Corrugated Steel Pipe End Sections (33 41 13 00-1370)					
33 41 13 00-1372 Type 1 Galvanized Corrugated Steel Pipe End Sections (33 41 13 00-1371)					
Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.					
33 41	13 00-1373	EA	12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	195.99	52.40
33 41	13 00-1374	EA	15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	226.33	56.14
33 41	13 00-1375	EA	18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	262.88	59.88
33 41	13 00-1376	EA	21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	316.69	65.50
33 41	13 00-1377	EA	24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section.....	350.47	71.11
33 41 13 00-1378 Type 2 Galvanized Corrugated Steel Pipe End Sections (33 41 13 00-1371)					
Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.					
33 41	13 00-1379	EA	30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	556.89	80.47
33 41	13 00-1380	EA	36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	715.84	92.91
33 41	13 00-1381	EA	42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,091.30	108.39
33 41	13 00-1382	EA	48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,331.56	123.87
33 41	13 00-1383	EA	54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,587.58	154.85
33 41	13 00-1384	EA	60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section.....	1,854.98	185.82
33 41 13 00-1385 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections (33 41 13 00-1371)					
Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.					
33 41	13 00-1386	EA	12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	204.14	52.40

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

33 41 13 00-1387	EA		15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	234.71	56.14
33 41 13 00-1388	EA		18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	275.76	59.88
33 41 13 00-1389	EA		21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	332.15	65.50
33 41 13 00-1390	EA		24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	368.01	71.11
33 41 13 00-1391	EA		30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	610.73	80.47
33 41 13 00-1392	EA		36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	781.76	92.91
33 41 13 00-1393	EA		42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,237.29	108.39
33 41 13 00-1394	EA		48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,519.96	123.87
33 41 13 00-1395	EA		54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,778.11	154.85
33 41 13 00-1396	EA		60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,458.42	185.82
33 41 13 00-1397	EA		66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,803.26	278.73
33 41 13 00-1398	EA		72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,289.22	371.63
33 41 13 00-1399	EA		78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,581.67	398.73
33 41 13 00-1400	EA		84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,881.09	425.83

33 41 13 00-1401 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section (33)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1402	EA		Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	23.22	
33 41 13 00-1403	EA		Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	25.68	
33 41 13 00-1404	EA		Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	28.70	
33 41 13 00-1405	EA		Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	31.18	
33 41 13 00-1406	EA		Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	34.82	
33 41 13 00-1407	EA		Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	59.59	
33 41 13 00-1408	EA		Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	64.16	
33 41 13 00-1409	EA		Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	86.66	
33 41 13 00-1410	EA		Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	93.05	
33 41 13 00-1411	EA		Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	113.22	
33 41 13 00-1412	EA		Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	116.38	
33 41 13 00-1413	EA		Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	125.16	
33 41 13 00-1414	EA		Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	145.16	
33 41 13 00-1415	EA		Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	162.14	
33 41 13 00-1416	EA		84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	166.74	

33 41 13 00-1417 Galvanized Corrugated Steel Pipe-Arch End Sections (33 41 13 00-1370)
33 41 13 00-1418 Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections (33 41 13 00-1417)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1419	EA		17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	226.33	56.14
33 41 13 00-1420	EA		21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	262.88	59.88
33 41 13 00-1421	EA		24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	316.69	65.50
33 41 13 00-1422	EA		28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section	350.47	71.11

33 41 13 00-1423 Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections (33 41 13 00-1417)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1424	EA		17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	219.30	56.14
33 41 13 00-1425	EA		21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	249.87	59.88
33 41 13 00-1426	EA		24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	279.45	65.50
33 41 13 00-1427	EA		28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	314.91	71.11
33 41 13 00-1428	EA		35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	455.51	80.47
33 41 13 00-1429	EA		42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	653.97	92.91
33 41 13 00-1430	EA		49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,011.16	108.39
33 41 13 00-1431	EA		57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section	1,278.15	123.87

33 41 13 00-1432 Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections (33 41 13 00-1417)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1433	EA		17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	222.87	56.14
33 41 13 00-1434	EA		21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	257.63	59.88
33 41 13 00-1435	EA		24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	291.58	65.50
33 41 13 00-1436	EA		28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	329.29	71.11
33 41 13 00-1437	EA		35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	479.95	80.47
33 41 13 00-1438	EA		42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	687.31	92.91
33 41 13 00-1439	EA		49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,064.48	108.39
33 41 13 00-1440	EA		57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,339.52	123.87
33 41 13 00-1441	EA		64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	1,612.80	154.85
33 41 13 00-1442	EA		71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,116.80	185.82
33 41 13 00-1443	EA		77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	2,958.12	278.73
33 41 13 00-1444	EA		83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section	3,287.16	371.63

33 41 13 00-1445 Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section (33 41 13 00-1417)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 13 00-1446	EA		Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	25.68	
33 41 13 00-1447	EA		Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	28.70	
33 41 13 00-1448	EA		Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	31.18	
33 41 13 00-1449	EA		Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	34.82	
33 41 13 00-1450	EA		Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	59.59	
33 41 13 00-1451	EA		Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	64.16	
33 41 13 00-1452	EA		Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	86.66	
33 41 13 00-1453	EA		Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	96.55	
33 41 13 00-1454	EA		Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	113.22	
33 41 13 00-1455	EA		Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	117.78	
33 41 13 00-1456	EA		Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	136.53	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-1457	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	157.68	
33 41 13 00-1458 Corrugated Aluminum Pipe End Sections (33 41 13 00-1370)				
33 41 13 00-1459 Corrugated Aluminum Pipe End Sections (33 41 13 00-1458)				
33 41 13 00-1460	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	290.68	52.40
33 41 13 00-1461	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	334.15	56.14
33 41 13 00-1462	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	394.83	59.88
33 41 13 00-1463	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	487.74	65.50
33 41 13 00-1464	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	634.16	71.11
33 41 13 00-1465	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	945.77	80.47
33 41 13 00-1466	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,277.63	92.91
33 41 13 00-1467	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	1,587.43	92.91
33 41 13 00-1468	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,023.35	108.39
33 41 13 00-1469	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,883.88	123.87
33 41 13 00-1470	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,196.73	154.85
33 41 13 00-1471	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,305.67	185.82
33 41 13 00-1472	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	4,885.82	278.73
33 41 13 00-1473	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	5,720.57	371.63
33 41 13 00-1474	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,246.88	398.73
33 41 13 00-1475	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,592.28	425.83
33 41 13 00-1476	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,003.37	464.54
33 41 13 00-1477	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,965.64	503.26
33 41 13 00-1478 Toe Plate Extensions For Corrugated Aluminum Pipe End Section (33 41 13 00-1458)				
33 41 13 00-1479	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	41.67	
33 41 13 00-1480	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	44.11	
33 41 13 00-1481	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	47.68	
33 41 13 00-1482	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	53.52	
33 41 13 00-1483	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	56.89	
33 41 13 00-1484	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	73.88	
33 41 13 00-1485	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	88.05	
33 41 13 00-1486	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	92.55	
33 41 13 00-1487	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	101.48	
33 41 13 00-1488	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	114.68	
33 41 13 00-1489	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	135.32	
33 41 13 00-1490	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	186.38	
33 41 13 00-1491	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	202.08	
33 41 13 00-1492	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	258.76	
33 41 13 00-1493	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	280.35	
33 41 13 00-1494	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	298.86	
33 41 13 00-1495	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	318.21	
33 41 13 00-1496	EA	96" Diameter Corrugated Aluminum Pipe End Section, 12 And 10 Gauge Toe Plate Extension	337.90	
33 41 13 00-1497 Corrugated Aluminum Pipe-Arch End Sections (33 41 13 00-1370)				
33 41 13 00-1498 Corrugated Aluminum Pipe-Arch End Sections (33 41 13 00-1497)				
33 41 13 00-1499	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	344.16	56.14
33 41 13 00-1500	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	419.23	59.88
33 41 13 00-1501	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	455.37	65.50
33 41 13 00-1502	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	491.46	71.11
33 41 13 00-1503	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	731.72	80.47
33 41 13 00-1504	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,291.87	92.91
33 41 13 00-1505	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,370.42	92.91
33 41 13 00-1506	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,829.62	108.39
33 41 13 00-1507	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,808.44	123.87
33 41 13 00-1508	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,217.21	154.85
33 41 13 00-1509	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,889.71	185.82
33 41 13 00-1510	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,511.77	278.73
33 41 13 00-1511	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,845.07	371.63
33 41 13 00-1512	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,452.29	398.73
33 41 13 00-1513	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,779.59	425.83
33 41 13 00-1514	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,479.87	464.54
33 41 13 00-1515	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	8,984.86	503.26
33 41 13 00-1516 Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33 41 13 00-1497)				
33 41 13 00-1517	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	44.11	
33 41 13 00-1518	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	47.68	
33 41 13 00-1519	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	50.38	
33 41 13 00-1520	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	55.15	
33 41 13 00-1521	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	63.99	
33 41 13 00-1522	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	82.37	
33 41 13 00-1523	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	89.54	
33 41 13 00-1524	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	101.48	
33 41 13 00-1525	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	114.68	
33 41 13 00-1526	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	135.32	
33 41 13 00-1527	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	170.44	
33 41 13 00-1528	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	215.43	
33 41 13 00-1529	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	292.13	
33 41 13 00-1530	EA	Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	331.16	
33 41 13 00-1531	EA	Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	347.32	

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

33 41 13 00-1532	EA		Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	360.73	
33 41 13 00-1533	EA		Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	376.96	
33 41 13 00-1534			Low Slope Corrugated Steel Pipe End Sections And Accessories (33 41 13 00-1370)		
33 41 13 00-1535			4:1 Corrugated Steel Pipe End Sections (33 41 13 00-1534)		
33 41 13 00-1536	EA		15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	397.39	56.14
33 41 13 00-1537	EA		18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	506.75	59.88
33 41 13 00-1538	EA		21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	617.33	65.50
33 41 13 00-1539	EA		24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	735.60	71.11
33 41 13 00-1540			3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections (33 41 13 00-1534)		
			Note: Includes nut and bolt set.		
33 41 13 00-1541	EA		3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	278.42	
33 41 13 00-1542	EA		3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	547.71	
33 41 13 00-1543	EA		3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	601.01	
33 41 13 00-1544	EA		3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	687.02	
33 41 13 00-1545			6:1 Corrugated Steel Pipe End Sections (33 41 13 00-1534)		
33 41 13 00-1546	EA		15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	460.67	56.14
33 41 13 00-1547	EA		18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	601.62	59.88
33 41 13 00-1548	EA		21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	798.25	65.50
33 41 13 00-1549	EA		24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	936.87	71.11
33 41 13 00-1550			3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections (33 41 13 00-1534)		
			Note: Includes nut and bolt set.		
33 41 13 00-1551	EA		3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	534.48	
33 41 13 00-1552	EA		3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	676.71	
33 41 13 00-1553	EA		3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	744.34	
33 41 13 00-1554	EA		3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	782.31	
33 41 13 00-1555			Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section (33 41 13 00-1534)		
33 41 13 00-1556	EA		Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	48.79	
33 41 13 00-1557	EA		Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	54.48	
33 41 13 00-1558	EA		Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	59.27	
33 41 13 00-1559	EA		Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	66.08	
33 41 13 00-1560			Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories (33 41 13 00-1370)		
33 41 13 00-1561			4:1 Corrugated Steel Pipe-Arch End Section (33 41 13 00-1560)		
33 41 13 00-1562	EA		21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	522.18	59.88
33 41 13 00-1563	EA		24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	653.66	65.50
33 41 13 00-1564	EA		28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	772.68	71.11
33 41 13 00-1565	EA		35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,447.60	80.47
33 41 13 00-1566			3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections (33 41 13 00-1560)		
			Note: Includes nut and bolt set.		
33 41 13 00-1567	EA		3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	371.05	
33 41 13 00-1568	EA		3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	672.70	
33 41 13 00-1569	EA		3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	708.91	
33 41 13 00-1570	EA		3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,041.57	
33 41 13 00-1571			Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section (33 41 13 00-1560)		
33 41 13 00-1572	EA		Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	54.20	
33 41 13 00-1573	EA		Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	61.43	
33 41 13 00-1574	EA		Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	66.98	
33 41 13 00-1575	EA		Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	80.03	
33 41 13 00-1576			Vitrified Clay Piping (33 41 13)		
33 41 13 00-1577			Extra Strength Vitrified Clay Piping (33 41 13 00-1576)		
33 41 13 00-1578			Plain Joint, Extra Strength, Vitrified Clay Piping (33 41 13 00-1577)		
			Note: ASTM C700.		
33 41 13 00-1579	LF		4" Plain Joint, Extra Strength, Vitrified Clay Pipe	14.63	
			For 3' Lengths, Add	1.08	
			For 2' Lengths, Add	1.44	
			For Standard Strength, Deduct	-0.36	
			For >1,000, Deduct	-0.73	

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 41 13 00-1580	LF	6" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	18.89	
		<i>For 3' Lengths, Add</i>	1.68	
		<i>For 2' Lengths, Add</i>	2.24	
		<i>For Standard Strength, Deduct</i>	-0.56	
		<i>For >1,000, Deduct</i>	-0.94	
33 41 13 00-1581	LF	8" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	23.54	
		<i>For 3' Lengths, Add</i>	2.40	
		<i>For 2' Lengths, Add</i>	3.20	
		<i>For Standard Strength, Deduct</i>	-0.80	
		<i>For >1,000, Deduct</i>	-1.18	
33 41 13 00-1582	LF	10" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	29.25	
		<i>For 3' Lengths, Add</i>	3.68	
		<i>For 2' Lengths, Add</i>	4.90	
		<i>For Standard Strength, Deduct</i>	-1.23	
		<i>For >1,000, Deduct</i>	-1.46	
33 41 13 00-1583	LF	12" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	36.45	
		<i>For 3' Lengths, Add</i>	5.19	
		<i>For 2' Lengths, Add</i>	6.92	
		<i>For Standard Strength, Deduct</i>	-1.73	
		<i>For >1,000, Deduct</i>	-1.82	
33 41 13 00-1584	LF	15" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	53.75	
		<i>For 3' Lengths, Add</i>	9.73	
		<i>For 2' Lengths, Add</i>	12.98	
		<i>For Standard Strength, Deduct</i>	-3.24	
		<i>For >1,000, Deduct</i>	-2.69	
33 41 13 00-1585	LF	18" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	73.07	
		<i>For 3' Lengths, Add</i>	13.95	
		<i>For 2' Lengths, Add</i>	18.60	
		<i>For Standard Strength, Deduct</i>	-4.65	
		<i>For >1,000, Deduct</i>	-3.65	
33 41 13 00-1586	LF	21" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	108.01	
		<i>For 3' Lengths, Add</i>	22.35	
		<i>For 2' Lengths, Add</i>	29.80	
		<i>For Standard Strength, Deduct</i>	-7.45	
		<i>For >1,000, Deduct</i>	-5.40	
33 41 13 00-1587	LF	24" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	138.02	
		<i>For 3' Lengths, Add</i>	29.20	
		<i>For 2' Lengths, Add</i>	38.93	
		<i>For Standard Strength, Deduct</i>	-9.73	
		<i>For >1,000, Deduct</i>	-6.90	
33 41 13 00-1588	LF	30" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	172.10	
		<i>For 3' Lengths, Add</i>	36.41	
		<i>For 2' Lengths, Add</i>	48.54	
		<i>For Standard Strength, Deduct</i>	-12.14	
		<i>For >1,000, Deduct</i>	-8.61	
33 41 13 00-1589	LF	36" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	203.01	
		<i>For 3' Lengths, Add</i>	43.98	
		<i>For 2' Lengths, Add</i>	58.64	
		<i>For Standard Strength, Deduct</i>	-14.66	
		<i>For >1,000, Deduct</i>	-10.15	

33 41 13 00-1590 Compression Joint, Extra Strength, Vitrified Clay Piping (33 41 13 00-1577)

Note: ASTM C425.

33 41 13 00-1591	LF	4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	17.49	
		<i>For 3' Lengths, Add</i>	1.28	
		<i>For 2' Lengths, Add</i>	1.70	
		<i>For Standard Strength, Deduct</i>	-0.43	
		<i>For >1,000, Deduct</i>	-0.87	
33 41 13 00-1592	LF	6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	22.88	
		<i>For 3' Lengths, Add</i>	2.08	
		<i>For 2' Lengths, Add</i>	2.78	
		<i>For Standard Strength, Deduct</i>	-0.69	
		<i>For >1,000, Deduct</i>	-1.14	
33 41 13 00-1593	LF	8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	28.45	
		<i>For 3' Lengths, Add</i>	2.94	
		<i>For 2' Lengths, Add</i>	3.92	
		<i>For Standard Strength, Deduct</i>	-0.98	
		<i>For >1,000, Deduct</i>	-1.42	
33 41 13 00-1594	LF	10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	36.49	
		<i>For 3' Lengths, Add</i>	4.83	
		<i>For 2' Lengths, Add</i>	6.44	
		<i>For Standard Strength, Deduct</i>	-1.61	
		<i>For >1,000, Deduct</i>	-1.82	
33 41 13 00-1595	LF	12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	44.14	
		<i>For 3' Lengths, Add</i>	6.35	
		<i>For 2' Lengths, Add</i>	8.46	
		<i>For Standard Strength, Deduct</i>	-2.12	
		<i>For >1,000, Deduct</i>	-2.21	
33 41 13 00-1596	LF	15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	64.14	
		<i>For 3' Lengths, Add</i>	11.57	
		<i>For 2' Lengths, Add</i>	15.43	
		<i>For Standard Strength, Deduct</i>	-3.86	
		<i>For >1,000, Deduct</i>	-3.21	
33 41 13 00-1597	LF	18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	88.36	
		<i>For 3' Lengths, Add</i>	16.94	
		<i>For 2' Lengths, Add</i>	22.59	
		<i>For Standard Strength, Deduct</i>	-5.65	
		<i>For >1,000, Deduct</i>	-4.42	

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

33 41	13 00-1598	LF	21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	126.13	
			<i>For 3' Lengths, Add</i>	25.77	
			<i>For 2' Lengths, Add</i>	34.36	
			<i>For Standard Strength, Deduct</i>	-8.59	
			<i>For >1,000, Deduct</i>	-6.31	
33 41	13 00-1599	LF	24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	164.19	
			<i>For 3' Lengths, Add</i>	34.61	
			<i>For 2' Lengths, Add</i>	46.14	
			<i>For Standard Strength, Deduct</i>	-11.54	
			<i>For >1,000, Deduct</i>	-8.21	
33 41	13 00-1600	LF	30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	261.56	
			<i>For 3' Lengths, Add</i>	60.20	
			<i>For 2' Lengths, Add</i>	80.26	
			<i>For Standard Strength, Deduct</i>	-20.07	
			<i>For >1,000, Deduct</i>	-13.08	
33 41	13 00-1601	LF	36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	363.28	
			<i>For 3' Lengths, Add</i>	88.67	
			<i>For 2' Lengths, Add</i>	118.23	
			<i>For Standard Strength, Deduct</i>	-29.56	
			<i>For >1,000, Deduct</i>	-18.16	
33 41	13 00-1602		Extra Strength, Vitrified Clay Pipe Fittings (33 41 13 00-1576)		
33 41	13 00-1603		1/8 Bends, Extra Strength, Vitrified Clay (33 41 13 00-1602)		
33 41	13 00-1604		Plain End 1/8 Bend, Extra Strength, Vitrified Clay (33 41 13 00-1603)		
33 41	13 00-1605	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	58.82	
33 41	13 00-1606	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	78.54	
33 41	13 00-1607	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	110.32	
33 41	13 00-1608	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	149.51	
33 41	13 00-1609	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	195.66	
33 41	13 00-1610	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	453.22	
33 41	13 00-1611	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	637.23	
33 41	13 00-1612	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	989.68	
33 41	13 00-1613	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,143.39	
33 41	13 00-1614	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,329.77	
33 41	13 00-1615	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,983.57	
33 41	13 00-1616		Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay (33 41 13 00-1603)		
33 41	13 00-1617	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	66.93	
33 41	13 00-1618	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	93.55	
33 41	13 00-1619	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	125.10	
33 41	13 00-1620	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	165.45	
33 41	13 00-1621	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	208.34	
33 41	13 00-1622	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	509.38	
33 41	13 00-1623	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	737.98	
33 41	13 00-1624	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	762.98	
33 41	13 00-1625	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,462.37	
33 41	13 00-1626	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,632.38	
33 41	13 00-1627	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,411.08	
33 41	13 00-1628		1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-1602)		
33 41	13 00-1629		Plain End 1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-1628)		
33 41	13 00-1630	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	69.85	
33 41	13 00-1631	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	91.83	
33 41	13 00-1632	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	125.86	
33 41	13 00-1633	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	166.52	
33 41	13 00-1634	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	214.81	
33 41	13 00-1635	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	474.52	
33 41	13 00-1636	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	663.81	
33 41	13 00-1637	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,023.20	
33 41	13 00-1638	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,184.10	
33 41	13 00-1639	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,380.52	
33 41	13 00-1640	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	2,039.99	
33 41	13 00-1641		Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay (33 41 13 00-1628)		
33 41	13 00-1642	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	80.16	
33 41	13 00-1643	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	109.50	
33 41	13 00-1644	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	143.76	
33 41	13 00-1645	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	185.86	
33 41	13 00-1646	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	231.32	
33 41	13 00-1647	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	534.95	
33 41	13 00-1648	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	769.88	
33 41	13 00-1649	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,476.74	
33 41	13 00-1650	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,511.21	
33 41	13 00-1651	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,693.29	
33 41	13 00-1652	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,478.78	
33 41	13 00-1653		Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-1602)		
33 41	13 00-1654		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-1653)		

33 Utilities**33 40 Storm Drainage Utilities****33 41 Storm Utility Drainage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 41 13 00-1655	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	78.03
33 41 13 00-1656	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	100.80
33 41 13 00-1657	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	134.60
33 41 13 00-1658	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	175.04
33 41 13 00-1659	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	218.99
33 41 13 00-1660	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	483.31
33 41 13 00-1661	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	673.15
33 41 13 00-1662	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	967.80
33 41 13 00-1663	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,340.94
33 41 13 00-1664	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,426.76
33 41 13 00-1665	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay.....	2,035.66

33 41 13 00-1666 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay (33 41 13 00-1653)

33 41 13 00-1667	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	95.10
33 41 13 00-1668	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	128.30
33 41 13 00-1669	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	166.73
33 41 13 00-1670	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	212.77
33 41 13 00-1671	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	263.02
33 41 13 00-1672	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	587.56
33 41 13 00-1673	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	841.91
33 41 13 00-1674	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,242.90
33 41 13 00-1675	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,642.30
33 41 13 00-1676	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay.....	1,904.05
33 41 13 00-1677	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee.....	2,684.49

33 42 Culverts (33 40)**33 42 16 Concrete Culverts (33 42)****33 42 16 13 Precast Concrete Culverts (33 42 16)****33 42 16 13-0001 Precast Reinforced Concrete Box Culvert (33 42 16 13)**

Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 16 13-0002	LF	4' x 2' Precast Reinforced Concrete Box Culvert.....	202.76	38.71
		For Each LF Of Cut-Off Section, Add	8.11	
33 42 16 13-0003	LF	4' x 3' Precast Reinforced Concrete Box Culvert.....	219.90	38.71
		For Each LF Of Cut-Off Section, Add	8.80	
33 42 16 13-0004	LF	5' x 3' Precast Reinforced Concrete Box Culvert.....	288.42	48.39
		For Each LF Of Cut-Off Section, Add	11.54	
33 42 16 13-0005	LF	5' x 4' Precast Reinforced Concrete Box Culvert.....	309.09	48.39
		For Each LF Of Cut-Off Section, Add	12.36	
33 42 16 13-0006	LF	5' x 5' Precast Reinforced Concrete Box Culvert.....	329.75	48.39
		For Each LF Of Cut-Off Section, Add	13.19	
33 42 16 13-0007	LF	6' x 3' Precast Reinforced Concrete Box Culvert.....	348.64	50.33
		For Each LF Of Cut-Off Section, Add	13.95	
33 42 16 13-0008	LF	6' x 4' Precast Reinforced Concrete Box Culvert.....	372.80	50.33
		For Each LF Of Cut-Off Section, Add	14.91	
33 42 16 13-0009	LF	6' x 6' Precast Reinforced Concrete Box Culvert.....	420.94	50.33
		For Each LF Of Cut-Off Section, Add	16.84	
33 42 16 13-0010	LF	7' x 4' Precast Reinforced Concrete Box Culvert.....	454.41	58.06
		For Each LF Of Cut-Off Section, Add	18.18	
33 42 16 13-0011	LF	7' x 6' Precast Reinforced Concrete Box Culvert.....	550.90	78.97
		For Each LF Of Cut-Off Section, Add	22.04	
33 42 16 13-0012	LF	8' x 2' Precast Reinforced Concrete Box Culvert.....	411.65	50.33
		For Each LF Of Cut-Off Section, Add	16.47	
33 42 16 13-0013	LF	8' x 3' Precast Reinforced Concrete Box Culvert.....	450.03	58.06
		For Each LF Of Cut-Off Section, Add	18.00	
33 42 16 13-0014	LF	8' x 4' Precast Reinforced Concrete Box Culvert.....	481.90	58.06
		For Each LF Of Cut-Off Section, Add	19.28	
33 42 16 13-0015	LF	8' x 5' Precast Reinforced Concrete Box Culvert.....	547.86	77.43
		For Each LF Of Cut-Off Section, Add	21.91	
33 42 16 13-0016	LF	8' x 6' Precast Reinforced Concrete Box Culvert.....	575.33	77.43
		For Each LF Of Cut-Off Section, Add	23.01	
33 42 16 13-0017	LF	8' x 8' Precast Reinforced Concrete Box Culvert.....	668.76	96.78
		For Each LF Of Cut-Off Section, Add	26.75	
33 42 16 13-0018	LF	9' x 4' Precast Reinforced Concrete Box Culvert.....	597.23	77.43
		For Each LF Of Cut-Off Section, Add	23.89	
33 42 16 13-0019	LF	9' x 6' Precast Reinforced Concrete Box Culvert.....	697.47	96.78
		For Each LF Of Cut-Off Section, Add	27.90	
33 42 16 13-0020	LF	10' x 3' Precast Reinforced Concrete Box Culvert.....	684.87	96.78
		For Each LF Of Cut-Off Section, Add	27.39	
33 42 16 13-0021	LF	10' x 4' Precast Reinforced Concrete Box Culvert.....	718.00	96.78
		For Each LF Of Cut-Off Section, Add	28.72	
33 42 16 13-0022	LF	10' x 5' Precast Reinforced Concrete Box Culvert.....	791.93	116.14
		For Each LF Of Cut-Off Section, Add	31.68	
33 42 16 13-0023	LF	10' x 6' Precast Reinforced Concrete Box Culvert.....	826.43	116.14
		For Each LF Of Cut-Off Section, Add	33.06	
33 42 16 13-0024	LF	10' x 7' Precast Reinforced Concrete Box Culvert.....	860.93	116.14
		For Each LF Of Cut-Off Section, Add	34.44	
33 42 16 13-0025	LF	10' x 8' Precast Reinforced Concrete Box Culvert.....	895.21	116.14
		For Each LF Of Cut-Off Section, Add	35.81	
33 42 16 13-0026	LF	12' x 3' Precast Reinforced Concrete Box Culvert.....	775.02	135.49
		For Each LF Of Cut-Off Section, Add	31.00	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

33 42 16 13-0027	LF 12' x 4' Precast Reinforced Concrete Box Culvert For Each LF Of Cut-Off Section, Add	984.08 39.36	135.49
33 42 16 13-0028	LF 12' x 6' Precast Reinforced Concrete Box Culvert For Each LF Of Cut-Off Section, Add	1,066.72 42.67	135.49
33 42 16 13-0029	LF 12' x 8' Precast Reinforced Concrete Box Culvert For Each LF Of Cut-Off Section, Add	1,149.34 45.97	135.49
33 42 16 13-0030	LF 16' x 10' Precast Reinforced Concrete Box Culvert For Each LF Of Cut-Off Section, Add	1,435.51 57.42	154.85
33 42 16 13-0031	LF 24' x 10' Precast Reinforced Concrete Box Culvert For Each LF Of Cut-Off Section, Add	1,766.03 70.64	154.85

33 42 16 13-0032 Precast Reinforced Concrete Box Culvert For Roadways (33 42 16 13)

Note: AASHTO H/20, H/25 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes excavation and backfill. Minimum length 6'-0".

33 42 16 13-0033	LF 4' x 2' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	766.97 30.68	38.71
33 42 16 13-0034	LF 4' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	861.00 34.44	38.71
33 42 16 13-0035	LF 5' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	974.36 38.97	48.39
33 42 16 13-0036	LF 5' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,068.39 42.74	48.39
33 42 16 13-0037	LF 5' x 5' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,162.42 46.50	48.39
33 42 16 13-0038	LF 6' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,072.27 42.89	50.33
33 42 16 13-0039	LF 6' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,166.30 46.65	50.33
33 42 16 13-0040	LF 6' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,354.36 54.17	50.33
33 42 16 13-0041	LF 7' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,275.81 51.03	58.06
33 42 16 13-0042	LF 7' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,505.65 60.23	78.97
33 42 16 13-0043	LF 8' x 2' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,166.30 46.65	50.33
33 42 16 13-0044	LF 8' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,275.81 51.03	58.06
33 42 16 13-0045	LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,369.84 54.79	58.06
33 42 16 13-0046	LF 8' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,502.56 60.10	77.43
33 42 16 13-0047	LF 8' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,596.59 63.86	77.43
33 42 16 13-0048	LF 8' x 8' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,823.36 72.93	96.78
33 42 16 13-0049	LF 9' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,611.98 64.48	77.43
33 42 16 13-0050	LF 9' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,851.66 74.07	96.78
33 42 16 13-0051	LF 10' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,831.20 73.25	96.78
33 42 16 13-0052	LF 10' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	1,942.86 77.71	96.78
33 42 16 13-0053	LF 10' x 5' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,093.23 83.73	116.14
33 42 16 13-0054	LF 10' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,204.88 88.20	116.14
33 42 16 13-0055	LF 10' x 7' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,316.55 92.66	116.14
33 42 16 13-0056	LF 10' x 8' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,428.21 97.13	116.14
33 42 16 13-0057	LF 12' x 3' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,428.91 97.16	135.49
33 42 16 13-0058	LF 12' x 4' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,555.83 102.23	135.49
33 42 16 13-0059	LF 12' x 6' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	2,809.70 112.39	135.49
33 42 16 13-0060	LF 12' x 8' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	3,063.58 122.54	135.49
33 42 16 13-0061	LF 16' x 10' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	3,666.45 146.66	154.85
33 42 16 13-0062	LF 24' x 10' Precast Reinforced Concrete Box Culvert For Roadways For Each LF Of Cut-Off Section, Add	4,625.53 185.02	154.85

33 44 Storm Utility Water Drains (33 40)

33 44 13 Utility Area Drains (33 44)

33 44 13 13 Catchbasins (33 44 13)

33 44 13 13-0001 Storm Drains (33 44 13 13)
See CSI section 33 39 13 00-0001 for manhole structures.

33 44 13 13-0002 Catch Basins And Inlet Basins (33 44 13 13-0001)
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

33 Utilities
33 40 Storm Drainage Utilities
33 44 Storm Utility Water Drains

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 44 13 13-0003		Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0002) Note: Inside dimensions.			
33 44 13 13-0004		3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)			
33 44 13 13-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,378.88		246.58
33 44 13 13-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,650.09		288.91
33 44 13 13-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,921.30		331.17
33 44 13 13-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,192.51		373.51
33 44 13 13-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,463.71		415.76
33 44 13 13-0010		3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)			
33 44 13 13-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	1,808.71		245.09
33 44 13 13-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,229.57		326.79
33 44 13 13-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,832.40		445.62
33 44 13 13-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,460.86		519.90
33 44 13 13-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,940.80		594.16
33 44 13 13-0016		4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 44 13 13-0003)			
33 44 13 13-0017	EA	2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,946.20		267.38
33 44 13 13-0018	EA	3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,697.69		371.35
33 44 13 13-0019	EA	4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,279.58		482.76
33 44 13 13-0020	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,786.76		557.03
33 44 13 13-0021	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,799.37		713.00
33 44 13 13-0022		Cast In Place, Catch Basin (33 44 13 13-0002) Note: Inside span, overall depth.			
33 44 13 13-0023		3' x 3', Cast In Place, Catch Basins (33 44 13 13-0022)			
33 44 13 13-0024	EA	3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,657.08		298.13
33 44 13 13-0025	EA	3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,758.17		316.99
33 44 13 13-0026	EA	4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	1,912.17		340.46
33 44 13 13-0027	EA	4'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,161.65		376.85
33 44 13 13-0028	EA	5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,323.64		401.14
33 44 13 13-0029	EA	5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,434.85		420.67
33 44 13 13-0030	EA	6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,596.98		444.96
33 44 13 13-0031	EA	6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,705.62		464.57
33 44 13 13-0032	EA	7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,868.75		488.77
33 44 13 13-0033	EA	7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,978.96		508.38
33 44 13 13-0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,141.02		532.67
33 44 13 13-0035	VLF	>8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	392.65		66.55
33 44 13 13-0036		3'-6" x 3'-6", Cast In Place, Catch Basins (33 44 13 13-0022)			
33 44 13 13-0037	EA	3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	1,909.43		344.61
33 44 13 13-0038	EA	3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,037.26		368.83
33 44 13 13-0039	EA	4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,198.43		393.11
33 44 13 13-0040	EA	4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,489.99		435.37
33 44 13 13-0041	EA	5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,669.09		462.86
33 44 13 13-0042	EA	5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,797.28		485.66
33 44 13 13-0043	EA	6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	2,978.80		513.14
33 44 13 13-0044	EA	6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,106.99		535.94
33 44 13 13-0045	EA	7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,287.01		563.42
33 44 13 13-0046	EA	7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,415.71		586.22
33 44 13 13-0047	EA	8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,595.80		613.70
33 44 13 13-0048	VLF	>8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	449.50		76.72
33 44 13 13-0049		4' x 4', Cast In Place, Catch Basins (33 44 13 13-0022)			
33 44 13 13-0050	EA	3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,179.47		394.23
33 44 13 13-0051	EA	3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,314.47		419.26
33 44 13 13-0052	EA	4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,501.36		448.89
33 44 13 13-0053	EA	4'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	2,835.46		497.09
33 44 13 13-0054	EA	5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,034.04		527.77
33 44 13 13-0055	EA	5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,180.61		553.84
33 44 13 13-0056	EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,379.19		584.51
33 44 13 13-0057	EA	6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,525.27		610.58
33 44 13 13-0058	EA	7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,723.84		641.25
33 44 13 13-0059	EA	7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,870.42		667.32
33 44 13 13-0060	EA	8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,069.00		698.07
33 44 13 13-0061	VLF	>8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	508.60		87.27
33 44 13 13-0062		4'-6" x 4'-6", Cast In Place, Catch Basins (33 44 13 13-0022)			
33 44 13 13-0063	EA	3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	2,517.17		457.14
33 44 13 13-0064	EA	3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,674.26		482.88
33 44 13 13-0065	EA	4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,881.86		516.40
33 44 13 13-0066	EA	4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,262.94		571.22
33 44 13 13-0067	EA	5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,484.15		605.83
33 44 13 13-0068	EA	5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,653.43		635.76
33 44 13 13-0069	EA	6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,875.14		670.37
33 44 13 13-0070	EA	6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,044.43		700.38

33 Utilities
33 40 Storm Drainage Utilities
33 44 Storm Utility Water Drains

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
33 44 13 13-0141		8' x 8', Cast In Place, Catch Basins (33 44 13 13-0022)			
33 44 13 13-0142	EA	4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin	5,892.18		1,057.69
33 44 13 13-0143	EA	4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	6,825.08		1,189.22
33 44 13 13-0144	EA	5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,201.14		1,250.57
33 44 13 13-0145	EA	5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,526.73		1,307.31
33 44 13 13-0146	EA	6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	7,902.73		1,368.66
33 44 13 13-0147	EA	6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,226.32		1,425.41
33 44 13 13-0148	EA	7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,604.30		1,486.75
33 44 13 13-0149	EA	7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	8,929.88		1,543.50
33 44 13 13-0150	EA	8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,299.29		1,604.84
33 44 13 13-0151	VLF	>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,163.23		200.60
33 44 13 13-0152		Precast Concrete Catch Basins (33 44 13 13-0002)			
		Note: Inside dimensions.			
33 44 13 13-0153		1'-6" Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0154	EA	4' Deep, 1'-6" Diameter Precast Catch Basins	544.46		157.63
33 44 13 13-0155	EA	6' Deep, 1'-6" Diameter Precast Catch Basins	751.90		236.45
33 44 13 13-0156	EA	8' Deep, 1'-6" Diameter Precast Catch Basins	948.22		307.39
33 44 13 13-0157	EA	10' Deep, 1'-6" Diameter Precast Catch Basins	1,138.12		363.34
33 44 13 13-0158	EA	12' Deep, 1'-6" Diameter Precast Catch Basins	1,396.89		461.08
33 44 13 13-0159	EA	14' Deep, 1'-6" Diameter Precast Catch Basins	1,596.43		532.01
33 44 13 13-0160	VLF	Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	110.74		35.47
33 44 13 13-0161		2' Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0162	EA	4' Deep, 2' Diameter Precast Catch Basin	621.81		175.37
33 44 13 13-0163	EA	6' Deep, 2' Diameter Precast Catch Basin	853.90		260.09
33 44 13 13-0164	EA	8' Deep, 2' Diameter Precast Catch Basin	1,072.79		342.85
33 44 13 13-0165	EA	10' Deep, 2' Diameter Precast Catch Basin	1,283.88		400.00
33 44 13 13-0166	EA	12' Deep, 2' Diameter Precast Catch Basin	1,584.59		512.30
33 44 13 13-0167	EA	14' Deep, 2' Diameter Precast Catch Basin	1,808.69		591.12
33 44 13 13-0168	VLF	Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	125.48		42.57
33 44 13 13-0169		3' Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0170	EA	4' Deep, 3' Diameter Precast Catch Basin	829.86		206.90
33 44 13 13-0171	EA	6' Deep, 3' Diameter Precast Catch Basin	1,124.05		305.81
33 44 13 13-0172	EA	8' Deep, 3' Diameter Precast Catch Basin	1,404.81		403.94
33 44 13 13-0173	EA	10' Deep, 3' Diameter Precast Catch Basin	1,749.67		504.42
33 44 13 13-0174	EA	12' Deep, 3' Diameter Precast Catch Basin	2,064.09		601.37
33 44 13 13-0175	EA	14' Deep, 3' Diameter Precast Catch Basin	2,366.30		699.89
33 44 13 13-0176	VLF	Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	162.10		49.99
33 44 13 13-0177		4' Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0178	EA	4' Deep, 4' Diameter Precast Catch Basin	1,011.25		230.14
33 44 13 13-0179	EA	6' Deep, 4' Diameter Precast Catch Basin	1,309.37		315.27
33 44 13 13-0180	EA	8' Deep, 4' Diameter Precast Catch Basin	1,734.87		472.90
33 44 13 13-0181	EA	10' Deep, 4' Diameter Precast Catch Basin	2,164.72		591.12
33 44 13 13-0182	EA	12' Deep, 4' Diameter Precast Catch Basin	2,555.21		709.35
33 44 13 13-0183	EA	14' Deep, 4' Diameter Precast Catch Basin	2,931.63		827.58
33 44 13 13-0184	VLF	Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	200.32		59.11
33 44 13 13-0185		5' Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0186	EA	4' Deep, 5' Diameter Precast Catch Basin	1,359.42		315.27
33 44 13 13-0187	EA	6' Deep, 5' Diameter Precast Catch Basin	1,846.09		472.90
33 44 13 13-0188	EA	8' Deep, 5' Diameter Precast Catch Basin	2,335.11		630.53
33 44 13 13-0189	EA	10' Deep, 5' Diameter Precast Catch Basin	2,850.52		788.16
33 44 13 13-0190	EA	12' Deep, 5' Diameter Precast Catch Basin	3,357.14		945.80
33 44 13 13-0191	EA	14' Deep, 5' Diameter Precast Catch Basin	3,904.32		1,103.43
33 44 13 13-0192	VLF	Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	266.47		78.82
33 44 13 13-0193		6' Diameter Precast Catch Basins (33 44 13 13-0152)			
33 44 13 13-0194	EA	4' Deep, 6' Diameter Precast Catch Basin	1,985.11		472.90
33 44 13 13-0195	EA	6' Deep, 6' Diameter Precast Catch Basin	2,666.43		709.35
33 44 13 13-0196	EA	8' Deep, 6' Diameter Precast Catch Basin	3,398.89		945.80
33 44 13 13-0197	EA	10' Deep, 6' Diameter Precast Catch Basin	4,234.73		1,182.25
33 44 13 13-0198	EA	12' Deep, 6' Diameter Precast Catch Basin	5,042.74		1,418.69
33 44 13 13-0199	EA	14' Deep, 6' Diameter Precast Catch Basin	5,829.11		1,655.15
33 44 13 13-0200	VLF	Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	396.95		118.23
33 44 13 13-0201		Precast Catch Basins Accessories (33 44 13 13-0152)			
33 44 13 13-0202	EA	Single Or Double Wing Slab Top With Throat.....	1,113.99		512.30
33 44 13 13-0203	EA	4' x 4' Weir Box, Precast Catch Basin	574.94		63.05
33 44 13 13-0204	EA	4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	311.38		66.99
33 44 13 13-0205	EA	3' Diameter, Up To 6" High, Precast Extension Ring	383.33		98.52
		For Each Additional Inch In Height, Add	47.46		
33 44 13 13-0206	EA	4' Diameter, Up To 6" High, Precast Extension Ring	451.41		118.23
		For Each Additional Inch In Height, Add	55.51		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 13 13-0207	EA	5' Diameter, Up To 6" High, Precast Extension Ring <i>For Each Additional Inch In Height, Add</i>	526.61 64.81	137.92
33 44 13 13-0208	EA	6' Diameter, Up To 6" High, Precast Extension Ring <i>For Each Additional Inch In Height, Add</i>	650.29 75.58	197.04
33 44 13 13-0209	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade	472.87	
33 44 13 13-0210		Catch Basin Risers (33 44 13 13-0152)		
33 44 13 13-0211	EA	Up To 860 Square Inch, Up To 2" Rise, Catch Basin Riser	285.20	
33 44 13 13-0212	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	318.08	
33 44 13 13-0213	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	357.13	
33 44 13 13-0214	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	307.00	
33 44 13 13-0215	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	342.06	
33 44 13 13-0216	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	385.36	
33 44 13 13-0217	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	339.44	
33 44 13 13-0218	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	370.60	
33 44 13 13-0219	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	414.05	
33 44 13 13-0220		Headwalls (33 44 13 13-0001) Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.		
33 44 13 13-0221		Cast In Place Concrete Headwalls (33 44 13 13-0220)		
33 44 13 13-0222		Skewed Wingwall, Cast In Place Concrete Headwall (33 44 13 13-0221) Note: Sized by pipe diameter.		
33 44 13 13-0223	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	1,038.00	501.33
33 44 13 13-0224	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	1,310.39	534.75
33 44 13 13-0225	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	1,706.29	700.45
33 44 13 13-0226	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	2,645.22	1,002.66
33 44 13 13-0227	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	3,666.13	1,336.87
33 44 13 13-0228	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	4,562.77	1,762.15
33 44 13 13-0229	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	6,332.29	2,430.66
33 44 13 13-0230	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	7,524.22	2,864.70
33 44 13 13-0231	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	9,057.81	3,487.53
33 44 13 13-0232	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	10,885.77	4,221.70
33 44 13 13-0233		Precast Concrete Headwalls (33 44 13 13-0220)		
33 44 13 13-0234	EA	12" Pipe, Precast Concrete Headwall.....	540.81	134.74
33 44 13 13-0235	EA	15" Pipe, Precast Concrete Headwall.....	563.26	142.23
33 44 13 13-0236	EA	18" Pipe, Precast Concrete Headwall.....	621.54	161.69
33 44 13 13-0237	EA	24" Pipe, Precast Concrete Headwall.....	684.28	172.16
33 44 13 13-0238	EA	30" Pipe, Precast Concrete Headwall.....	896.14	202.11
33 44 13 13-0239	EA	36" Pipe, Precast Concrete Headwall.....	1,012.70	209.59
33 44 13 13-0240	EA	42" Pipe, Precast Concrete Headwall.....	1,295.90	238.93
33 44 13 13-0241	EA	48" Pipe, Precast Concrete Headwall.....	1,425.76	263.24
33 44 13 13-0242	EA	54" Pipe, Precast Concrete Headwall.....	1,569.36	278.73
33 44 13 13-0243	EA	60" Pipe, Precast Concrete Headwall.....	1,773.16	278.73
33 44 13 13-0244	EA	72" Pipe, Precast Concrete Headwall.....	2,118.79	348.40
33 44 13 13-0245	EA	84" Pipe, Precast Concrete Headwall.....	2,961.39	418.09
33 44 13 13-0246		Precast Concrete Wingwalls (33 44 13 13-0220)		
33 44 13 13-0247	EA	18" ID Pipe (26" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,393.83	1,379.69
33 44 13 13-0248	EA	24" ID Pipe (32" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	3,626.10	1,533.00
33 44 13 13-0249	EA	30" ID Pipe (42" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,013.22	1,788.49
33 44 13 13-0250	EA	33" ID Pipe (46" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	4,400.34	2,043.99
33 44 13 13-0251	EA	36" ID Pipe (50" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,400.34	2,043.99
33 44 13 13-0252	EA	44" ID Pipe (58" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	4,555.19	2,146.19
33 44 13 13-0253	EA	48" ID Pipe (62" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,212.24	2,197.29
33 44 13 13-0254	EA	52" ID Pipe (66" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	7,444.51	2,350.59
33 44 13 13-0255		Precast Concrete Transverse Drainage Interceptor (33 44 13 13-0220)		
33 44 13 13-0256	EA	34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate.....	2,877.38	541.97
33 44 13 13-0257		Catch Basin Frames And Covers (33 44 13 13-0001)		
33 44 13 13-0258		Cast Iron Frames And Covers (33 44 13 13-0257)		
33 44 13 13-0259	EA	18" Diameter Cast Iron Catch Basin Frame And Cover.....	398.06	78.82
33 44 13 13-0260	EA	22" Diameter Cast Iron Catch Basin Frame And Cover.....	495.07	89.06
33 44 13 13-0261	EA	24" Diameter Cast Iron Catch Basin Frame And Cover.....	553.23	92.22
33 44 13 13-0262	EA	26" Diameter Cast Iron Catch Basin Frame And Cover.....	620.61	107.19
33 44 13 13-0263	EA	28" Diameter Cast Iron Catch Basin Frame And Cover.....	718.23	122.17
33 44 13 13-0264	EA	32" Diameter Cast Iron Catch Basin Frame And Cover.....	1,111.20	127.69
33 44 13 13-0265	EA	16" x 16" Cast Iron Catch Basin Frame And Cover.....	615.35	96.95

33 Utilities**33 40 Storm Drainage Utilities****33 44 Storm Utility Water Drains**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 44 13 13-0266	EA	18" x 24" Cast Iron Catch Basin Frame And Cover.....	791.57		111.92
33 44 13 13-0267	EA	20" x 27" Cast Iron Catch Basin Frame And Cover.....	888.10		116.65
33 44 13 13-0268	EA	23" x 23" Cast Iron Catch Basin Frame And Cover.....	843.76		116.65
33 44 13 13-0269	EA	24" x 24" Cast Iron Catch Basin Frame And Cover.....	872.75		121.38
33 44 13 13-0270	EA	26" x 26" Cast Iron Catch Basin Frame And Cover.....	934.28		126.11
33 44 13 13-0271	EA	24" x 36" Cast Iron Catch Basin Frame And Cover.....	1,111.78		135.57
33 44 13 13-0272		Stainless Steel Frame And Cover (33 44 13 13-0257)			
33 44 13 13-0273	EA	24" x 24" Stainless Steel Catch Basin Cover With Filter And Access Cover..... Note: Swalegard Prefilter	4,617.48		135.57
33 44 13 13-0274		Curb Inlet Frames And Covers (33 44 13 13-0001)			
33 44 13 13-0275		Cast Iron Curb Inlet Frames And Covers (33 44 13 13-0274)			
33 44 13 13-0276	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	756.66		92.22
33 44 13 13-0277	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	810.70		107.19
33 44 13 13-0278	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	839.75		107.19
33 44 13 13-0279	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	920.01		126.11
33 44 13 13-0280	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	914.58		134.78
33 44 13 13-0281		Area Yard Drain (33 44 13 13-0001)			
33 44 13 13-0282		Ductile Iron Grates (33 44 13 13-0281) Note: Not for traffic loading.			
33 44 13 13-0283	EA	8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe	99.22		28.37
33 44 13 13-0284	EA	10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe	118.64		30.25
33 44 13 13-0285	EA	12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	254.44		37.82
33 44 13 13-0286	EA	15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe	304.14		45.38
33 44 13 13-0287		Concrete Drainage Inlet Structures (CALTRAN) (33 44 13 13-0001)			
33 44 13 13-0288		Type OS Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0289	EA	3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,235.90		
33 44 13 13-0290	EA	4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,599.64		
33 44 13 13-0291	EA	5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	2,938.16		
33 44 13 13-0292	EA	6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,251.44		
33 44 13 13-0293	EA	7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,539.49		
33 44 13 13-0294	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness	3,802.30		
33 44 13 13-0295	EA	8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	5,173.86		
33 44 13 13-0296	EA	10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,034.29		
33 44 13 13-0297	EA	12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	6,829.69		
33 44 13 13-0298	EA	14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	7,561.63		
33 44 13 13-0299	EA	16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,269.70		
33 44 13 13-0300	EA	18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	8,922.72		
33 44 13 13-0301	EA	20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness	9,520.74		
33 44 13 13-0302		Type OL-7 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0303	EA	3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,044.62		
33 44 13 13-0304	EA	4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,385.30		
33 44 13 13-0305	EA	5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,700.74		
33 44 13 13-0306	EA	6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,990.94		
33 44 13 13-0307	EA	7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,255.13		
33 44 13 13-0308	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,494.88		
33 44 13 13-0309	EA	8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,825.67		
33 44 13 13-0310	EA	10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,666.29		
33 44 13 13-0311	EA	12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,441.88		
33 44 13 13-0312	EA	14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,153.22		
33 44 13 13-0313	EA	16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,844.31		
33 44 13 13-0314	EA	18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,480.40		
33 44 13 13-0315	EA	20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,061.46		
33 44 13 13-0316		Type OL-10 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0317	EA	3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,789.92		
33 44 13 13-0318	EA	4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,109.50		
33 44 13 13-0319	EA	5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,403.05		
33 44 13 13-0320	EA	6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,672.17		
33 44 13 13-0321	EA	7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,915.26		
33 44 13 13-0322	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,133.12		
33 44 13 13-0323	EA	8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,477.50		
33 44 13 13-0324	EA	10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,297.51		
33 44 13 13-0325	EA	12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,054.06		
33 44 13 13-0326	EA	14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,745.59		
33 44 13 13-0327	EA	16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,418.95		
33 44 13 13-0328	EA	18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,038.07		
33 44 13 13-0329	EA	20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,601.38		
33 44 13 13-0330		Type OL-14 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0331	EA	3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,852.37		

33 Utilities**33 40 Storm Drainage Utilities****33 44 Storm Utility Water Drains**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 44 13 13-0406	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,765.98
33 44 13 13-0407 Type G-3 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0408	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,633.32
33 44 13 13-0409	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,925.23
33 44 13 13-0410	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,196.95
33 44 13 13-0411	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,449.26
33 44 13 13-0412	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,680.57
33 44 13 13-0413	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,892.47
33 44 13 13-0414 Type G-4_24 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0415	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,013.88
33 44 13 13-0416	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,348.79
33 44 13 13-0417	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,660.60
33 44 13 13-0418	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,948.56
33 44 13 13-0419	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,214.23
33 44 13 13-0420	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,456.02
33 44 13 13-0421	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,725.73
33 44 13 13-0422	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,521.03
33 44 13 13-0423	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,256.45
33 44 13 13-0424	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,932.78
33 44 13 13-0425	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,586.98
33 44 13 13-0426	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,190.59
33 44 13 13-0427	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,743.61
33 44 13 13-0428 Type G-4_18 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0429	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,077.32
33 44 13 13-0430	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,410.23
33 44 13 13-0431	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,720.08
33 44 13 13-0432	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,006.83
33 44 13 13-0433	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,270.53
33 44 13 13-0434	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,510.34
33 44 13 13-0435	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,752.88
33 44 13 13-0436	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,546.81
33 44 13 13-0437	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,281.62
33 44 13 13-0438	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,957.36
33 44 13 13-0439	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,611.08
33 44 13 13-0440	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,214.21
33 44 13 13-0441	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,765.98
33 44 13 13-0442 Type G-5 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0443	EA	3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,617.46
33 44 13 13-0444	EA	4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,909.67
33 44 13 13-0445	EA	5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,182.48
33 44 13 13-0446	EA	6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,434.30
33 44 13 13-0447	EA	7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,666.69
33 44 13 13-0448	EA	8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,878.89
33 44 13 13-0449 Type G-6 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0450	EA	3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,649.16
33 44 13 13-0451	EA	4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,940.79
33 44 13 13-0452	EA	5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,212.21
33 44 13 13-0453	EA	6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,463.43
33 44 13 13-0454	EA	7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,694.44
33 44 13 13-0455	EA	8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,906.05
33 44 13 13-0456 Type GT1 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0457	EA	3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,759.18
33 44 13 13-0458	EA	4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,215.72
33 44 13 13-0459	EA	5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,673.44
33 44 13 13-0460	EA	6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,034.26
33 44 13 13-0461	EA	7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,395.48
33 44 13 13-0462	EA	8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,725.73
33 44 13 13-0463 Type GT2 Concrete Drainage Inlet Structure (33 44 13 13-0287)			
33 44 13 13-0464	EA	3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,345.92
33 44 13 13-0465	EA	4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,843.09
33 44 13 13-0466	EA	5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,304.68
33 44 13 13-0467	EA	6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,731.55
33 44 13 13-0468	EA	7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,122.85
33 44 13 13-0469	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,479.39
33 44 13 13-0470	EA	8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,333.02
33 44 13 13-0471	EA	10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,503.55
33 44 13 13-0472	EA	12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,585.72
33 44 13 13-0473	EA	14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,580.30
33 44 13 13-0474	EA	16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,543.92
33 44 13 13-0475	EA	18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,431.80

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

33 44 13 13-0476 EA 20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness 13,243.93

33 44 13 13-0477 Type GT3 Concrete Drainage Inlet Structure (33 44 13 13-0287)

33 44 13 13-0478 EA 3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 2,743.33
 33 44 13 13-0479 EA 4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 3,200.16
 33 44 13 13-0480 EA 5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 3,626.00
 33 44 13 13-0481 EA 6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 4,020.08
 33 44 13 13-0482 EA 7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 4,381.61
 33 44 13 13-0483 EA 8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness 4,712.14

33 44 13 13-0484 Type GT4 Concrete Drainage Inlet Structure (33 44 13 13-0287)

33 44 13 13-0485 EA 3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 3,456.92
 33 44 13 13-0486 EA 4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 3,950.42
 33 44 13 13-0487 EA 5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 4,409.16
 33 44 13 13-0488 EA 6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 4,832.35
 33 44 13 13-0489 EA 7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 5,220.78
 33 44 13 13-0490 EA 8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness 5,574.45
 33 44 13 13-0491 EA 8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 7,346.60
 33 44 13 13-0492 EA 10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 8,516.84
 33 44 13 13-0493 EA 12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 9,598.70
 33 44 13 13-0494 EA 14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 10,592.19
 33 44 13 13-0495 EA 16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 11,555.58
 33 44 13 13-0496 EA 18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 12,443.22
 33 44 13 13-0497 EA 20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness 13,255.11

33 44 13 13-0498 Type GO Concrete Drainage Inlet Structure (33 44 13 13-0287)

33 44 13 13-0499 EA 3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 1,966.32
 33 44 13 13-0500 EA 4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 2,287.33
 33 44 13 13-0501 EA 5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 2,585.87
 33 44 13 13-0502 EA 6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 2,861.92
 33 44 13 13-0503 EA 7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 3,115.50
 33 44 13 13-0504 EA 8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness 3,347.39
 33 44 13 13-0505 EA 8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 4,603.50
 33 44 13 13-0506 EA 10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 5,373.68
 33 44 13 13-0507 EA 12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 6,085.30
 33 44 13 13-0508 EA 14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 6,739.92
 33 44 13 13-0509 EA 16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 7,374.24
 33 44 13 13-0510 EA 18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 7,958.23
 33 44 13 13-0511 EA 20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness 8,493.46

33 44 13 13-0512 Type GDO Concrete Drainage Inlet Structure (33 44 13 13-0287)

33 44 13 13-0513 EA 3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 2,568.89
 33 44 13 13-0514 EA 4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 2,990.91
 33 44 13 13-0515 EA 5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 3,383.50
 33 44 13 13-0516 EA 6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 3,747.43
 33 44 13 13-0517 EA 7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 4,081.16
 33 44 13 13-0518 EA 8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness 4,386.23
 33 44 13 13-0519 EA 8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 5,920.73
 33 44 13 13-0520 EA 10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 6,913.47
 33 44 13 13-0521 EA 12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 7,831.77
 33 44 13 13-0522 EA 14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 8,676.44
 33 44 13 13-0523 EA 16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 9,493.92
 33 44 13 13-0524 EA 18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 10,247.59
 33 44 13 13-0525 EA 20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness 10,937.47

33 44 16 Utility Trench Drains (33 44)

33 44 16 00-0001 Modular Trench Drains (33 44 16)

See CSI section 03 31 13 00-0017 for concrete.

33 44 16 00-0002 Modular Trench Drains (33 44 16 00-0001)

Note: Excludes grates. See CSI section 33 44 16 00-0096 for grates.

33 44 16 00-0003 6" Wide, Modular Trench Drains (33 44 16 00-0002)

33 44 16 00-0004 6" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0003)

33 44 16 00-0005 6" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0004)

33 44 16 00-0006 LF 6" Wide, High Density Polyethylene, Modular Trench Drain 76.41
 For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add 29.64
 For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add 59.29
 For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add 94.86
 For Type 304 Stainless Steel Top Veneer Frame, Add 23.72
 For Aluminum Veneer Bronze Anodized Frame, Add 11.86

12.61

33 44 16 00-0007 Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0004)

33 44 16 00-0008 EA Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains 37.11
 33 44 16 00-0009 EA No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains 44.99
 33 44 16 00-0010 EA No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains 44.99

33 Utilities**33 40 Storm Drainage Utilities****33 44 Storm Utility Water Drains**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 16 00-0011			Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0004)		
33 44 16 00-0012	EA		Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	60.44	
33 44 16 00-0013	EA		Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	60.44	
33 44 16 00-0014	EA		90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	276.57	
33 44 16 00-0015	EA		Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	513.73	
33 44 16 00-0016	EA		Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	59.29	
33 44 16 00-0017			6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0003)		
33 44 16 00-0018			6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0017)		
33 44 16 00-0019	LF		6" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	104.27	12.61
			<i>For Black Acid Resistant Coated Frame, Add</i>	22.53	
			<i>For Galvanized Top Frame Assembly, Add</i>	22.53	
			<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	83.01	
33 44 16 00-0020			Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0017)		
33 44 16 00-0021	EA		Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	39.49	
33 44 16 00-0022	EA		No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	47.37	
33 44 16 00-0023	EA		No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	47.37	
33 44 16 00-0024			Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0017)		
33 44 16 00-0025	EA		Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	60.44	
33 44 16 00-0026	EA		Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	60.44	
33 44 16 00-0027	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	276.57	
33 44 16 00-0028	EA		Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	513.73	
33 44 16 00-0029	EA		Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	59.29	
33 44 16 00-0030			6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0003)		
33 44 16 00-0031			6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0030)		
33 44 16 00-0032	LF		6" Wide, Vinylester Fiberglass, Modular Trench Drain.....	130.36	12.61
			<i>For Black Acid Resistant Coated Frame, Add</i>	22.53	
			<i>For Galvanized Top Frame Assembly, Add</i>	22.53	
			<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	83.01	
33 44 16 00-0033			Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0030)		
33 44 16 00-0034	EA		Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	58.46	
33 44 16 00-0035	EA		No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	66.34	
33 44 16 00-0036	EA		No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	66.34	
33 44 16 00-0037			Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0030)		
33 44 16 00-0038	EA		Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	60.44	
33 44 16 00-0039	EA		Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	60.44	
33 44 16 00-0040	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	276.57	
33 44 16 00-0041	EA		Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	513.73	
33 44 16 00-0042	EA		Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	59.29	
33 44 16 00-0043			12" Wide, Modular Trench Drains (33 44 16 00-0002)		
33 44 16 00-0044			12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0043)		
33 44 16 00-0045			12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)		
33 44 16 00-0046	LF		12" Wide, High Density Polyethylene, Modular Trench Drain.....	135.46	17.34
			<i>For Acid Resistant Coated Top Frame, Add</i>	30.83	
			<i>For Galvanized Welded Frame Assembly, Add</i>	32.31	
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98	
33 44 16 00-0047			Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)		
33 44 16 00-0048	EA		End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	69.64	
33 44 16 00-0049	EA		No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	80.15	
33 44 16 00-0050	EA		No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	80.15	
33 44 16 00-0051			Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0044)		
33 44 16 00-0052	EA		Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	105.11	
33 44 16 00-0053	EA		Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	134.75	
33 44 16 00-0054	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	534.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT	DEMOLITION	UNIT COST	UNIT COST		
33 44 16 00-0055	EA		Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	1,009.27					
33 44 16 00-0056	EA		Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains.....	118.58					
33 44 16 00-0057			12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0043)						
33 44 16 00-0058			12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)						
33 44 16 00-0059	LF		12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	165.11				17.34	
			<i>For Acid Resistant Coated Top Frame, Add</i>	30.83					
			<i>For Galvanized Welded Frame Assembly, Add</i>	32.31					
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98					
33 44 16 00-0060			Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)						
33 44 16 00-0061	EA		End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	72.01					
33 44 16 00-0062	EA		No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	82.52					
33 44 16 00-0063	EA		No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	82.52					
33 44 16 00-0064			Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 44 16 00-0057)						
33 44 16 00-0065	EA		Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	105.11					
33 44 16 00-0066	EA		Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	134.75					
33 44 16 00-0067	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	534.95					
33 44 16 00-0068	EA		Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	1,009.27					
33 44 16 00-0069	EA		Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	118.58					
33 44 16 00-0070			12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0043)						
33 44 16 00-0071			12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)						
33 44 16 00-0072	LF		12" Wide, Vinylester Fiberglass, Modular Trench Drain.....	224.40				17.34	
			<i>For Acid Resistant Coated Top Frame, Add</i>	30.83					
			<i>For Galvanized Welded Frame Assembly, Add</i>	32.31					
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	184.98					
33 44 16 00-0073			Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)						
33 44 16 00-0074	EA		End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	160.94					
33 44 16 00-0075	EA		No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	171.45					
33 44 16 00-0076	EA		No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	171.45					
33 44 16 00-0077			Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 44 16 00-0070)						
33 44 16 00-0078	EA		Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	105.11					
33 44 16 00-0079	EA		Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	134.75					
33 44 16 00-0080	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	534.95					
33 44 16 00-0081	EA		Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,009.27					
33 44 16 00-0082	EA		Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	118.58					
33 44 16 00-0083			23" Wide, Modular Trench Drains (33 44 16 00-0002)						
33 44 16 00-0084			23" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0083)						
33 44 16 00-0085			23" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0084)						
33 44 16 00-0086	LF		23" Wide, High Density Polyethylene, Modular Trench Drain	188.53				23.65	
			<i>For Acid Resistant Coated Frame, Add</i>	46.25					
			<i>For Galvanized Frame Assembly, Add</i>	46.25					
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	284.59					
33 44 16 00-0087			Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0084)						
33 44 16 00-0088	EA		End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	198.79					
33 44 16 00-0089	EA		No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	307.22					
33 44 16 00-0090	EA		No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	307.22					
33 44 16 00-0091			Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 44 16 00-0084)						
33 44 16 00-0092	EA		Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	231.16					
33 44 16 00-0093	EA		90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,047.15					
33 44 16 00-0094	EA		Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains.....	1,995.79					
33 44 16 00-0095	EA		Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	237.16					
33 44 16 00-0096			Modular Trench Drain Grates (33 44 16 00-0001)						
33 44 16 00-0097			6" Wide, Modular Trench Drain Grates (33 44 16 00-0096)						
33 44 16 00-0098	LF		6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	60.86				2.36	
33 44 16 00-0099	LF		6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	51.91				2.36	

33 Utilities
33 40 Storm Drainage Utilities
33 44 Storm Utility Water Drains

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 44 16 00-0100	LF	6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	54.40	2.36
33 44 16 00-0101	LF	6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	47.81	2.36
33 44 16 00-0102	LF	6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	51.37	2.36
33 44 16 00-0103	LF	6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	51.96	2.36
33 44 16 00-0104	LF	6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate.....	51.96	2.36
33 44 16 00-0105	LF	6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	51.37	2.36
33 44 16 00-0106	LF	6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	45.44	2.36
33 44 16 00-0107	LF	6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	45.44	2.36
33 44 16 00-0108	LF	6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate.....	48.17	2.36
33 44 16 00-0109	LF	6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate.....	48.17	2.36
33 44 16 00-0110	LF	6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	62.04	2.36
33 44 16 00-0111	LF	6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate.....	62.04	2.36
33 44 16 00-0112	LF	6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	111.85	2.36
33 44 16 00-0113	LF	6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	111.85	2.36
33 44 16 00-0114	LF	6" Wide, Stainless Steel Bar, Modular Trench Drain Grate.....	307.50	2.36
33 44 16 00-0115	LF	6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate.....	43.07	2.36
33 44 16 00-0116	LF	6" Wide, Fiberglass, Modular Trench Drain Grate	90.50	2.36
33 44 16 00-0117		12" Wide, Modular Trench Drain Grates (33 44 16 00-0096)		
33 44 16 00-0118	LF	12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate.....	164.42	2.56
33 44 16 00-0119	LF	12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	157.31	2.56
33 44 16 00-0120	LF	12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	137.15	2.56
33 44 16 00-0121	LF	12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate.....	143.97	2.56
33 44 16 00-0122	LF	12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	124.70	2.56
33 44 16 00-0123	LF	12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate.....	241.80	2.56
33 44 16 00-0124	LF	12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	241.80	2.56
33 44 16 00-0125	LF	12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	307.90	2.56
33 44 16 00-0126	LF	12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate.....	307.90	2.56
33 44 16 00-0127	LF	12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate.....	392.39	2.56
33 44 16 00-0128	LF	12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	392.39	2.56
33 44 16 00-0129	LF	12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	372.53	2.56
33 44 16 00-0130	LF	12" Wide, Fiberglass, Modular Trench Drain Grate	177.17	2.56
33 44 16 00-0131		23" Wide, Modular Trench Drain Grates (33 44 16 00-0096)		
33 44 16 00-0132	LF	23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	258.49	2.76
33 44 16 00-0133	LF	23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate.....	218.17	2.76
33 44 16 00-0134	LF	23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate.....	336.75	2.76
33 44 16 00-0135	LF	23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate.....	250.19	2.76
33 44 19 Utility Oil and Gas Separators (33 44)				
33 44 19 19 Utility Oil and Gas Separators (33 44 19)				
33 44 19 19-0001 Oil/Water Separator (33 44 19 19)				
		Note: Complete with internal sensors and detectors.		
33 44 19 19-0002 Coalescing Oil Water Separator (33 44 19 19-0001)				
		Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
33 44 19 19-0003 Single Wall Steel Coalescing Oil Water Separator (33 44 19 19-0002)				
33 44 19 19-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	11,254.83	
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
		For Interior Polyurethane Coating, Add	711.00	
33 44 19 19-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	13,329.76	
		Note: HTC-G 1000. 4' diameter x 14' long tank.		
		For Interior Polyurethane Coating, Add	893.70	
33 44 19 19-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways	15,563.55	
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
		For Interior Polyurethane Coating, Add	1,340.10	
33 44 19 19-0007 Double Wall Steel Coalescing Oil Water Separator (33 44 19 19-0002)				
33 44 19 19-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	16,389.30	
		Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
		For Interior Polyurethane Coating, Add	711.00	
33 44 19 19-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	18,549.53	
		Note: HTC-G 1000. 4' diameter x 14' long tank.		
		For Interior Polyurethane Coating, Add	893.70	
33 44 19 19-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	22,227.61	
		Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
		For Interior Polyurethane Coating, Add	1,340.10	
33 44 19 19-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	25,557.57	
		Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
		For Interior Polyurethane Coating, Add	1,550.70	
33 44 19 19-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways.....	33,131.32	
		Note: HTC-G 5000. 6' diameter x 28'-8" long tank.		
		For Interior Polyurethane Coating, Add	2,057.80	
33 44 19 19-0013 Accessories For Coalescing Oil Water Separators (33 44 19 19-0002)				
33 44 19 19-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator.....	638.18	
		Note: HTAP1.		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 19 19-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator..... Note: HTAP2.	862.47	
33 44 19 19-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator..... Note: Required for UL 2215 label.	500.40	
33 44 19 19-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator..... Note: Required for UL 2215 label.	376.07	
33 44 19 19-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator..... Note: Required for UL 2215 label.	142.95	
33 44 19 19-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator.....	2,103.68	
33 44 19 19-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator.....	4,207.34	
33 44 19 19-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator.....	6,311.08	
33 44 19 19-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator.....	407.58	
33 44 19 19-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator.....	473.89	
33 44 19 19-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator.....	947.77	
33 44 19 19-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator.....	2,043.32	
33 44 19 19-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	562.99	
33 44 19 19-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	726.36	
33 44 19 19-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	993.32	
33 44 19 19-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	1,768.31	
33 44 19 19-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	2,259.41	
33 44 19 19-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	2,823.04	
33 44 19 19-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	3,546.23	
33 44 19 19-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator.....	691.07	
33 44 19 19-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator.....	842.33	
33 44 19 19-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator.....	1,323.07	
33 44 19 19-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator.....	658.95	
33 44 19 19-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator.....	799.85	
33 44 19 19-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator.....	949.05	
33 44 19 19-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator.....	55.95	
33 44 19 19-0040	EA	24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator.....	63.20	
33 44 19 19-0041 Oil Skimmers (33 44 19 19)				
33 44 19 19-0042 Oil Skimmers, 12" And 24" Models (33 44 19 19-0041)				
33 44 19 19-0043	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,608.02	466.89
33 44 19 19-0044	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	4,833.10	466.89
33 44 19 19-0045	EA	Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	4,628.86	466.89
33 44 19 19-0046	EA	Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	4,917.50	466.89
33 44 19 19-0047	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	4,865.40	466.89
33 44 19 19-0048	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	5,056.09	466.89
33 44 19 19-0049	EA	Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	4,914.38	466.89
33 44 19 19-0050	EA	Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,201.98	466.89
33 44 19 19-0051	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	5,161.23	622.65
33 44 19 19-0052	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase.....	5,401.94	622.65
33 44 19 19-0053	EA	Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	5,224.79	622.65
33 44 19 19-0054	EA	Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase.....	5,570.75	622.65
33 44 19 19-0055	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	5,769.78	622.65
33 44 19 19-0056	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase.....	6,010.49	622.65
33 44 19 19-0057	EA	Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	5,820.84	622.65
33 44 19 19-0058	EA	Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase.....	6,167.84	622.65
33 44 19 19-0059 Oil Skimmers, Add-Ons (33 44 19 19-0041)				
33 44 19 19-0060	LF	Add For Belt Projection, 12" Width.....	15.63	
33 44 19 19-0061	LF	Add For Belt Projection, 24" Width.....	29.18	
33 44 19 19-0062	LF	Add For Spacer Stands, 12" Models.....	232.02	
33 44 19 19-0063	LF	Add For Spacer Stands, 24" Models.....	277.87	
33 46 Subdrainage (33 40)				
33 46 16 Subdrainage Piping (33 46)				
See CSI section 33 41 13 00-0166 for polyethylene drain pipe.				
33 46 16 00-0001 Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 (33 46 16)				
Note: Includes fittings, couplings, elbows, etc.				
33 46 16 00-0002	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	4.54	3.26
33 46 16 00-0003	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	4.95	3.52
33 46 16 00-0004	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	6.67	4.21
33 46 16 00-0005	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	9.87	5.28
33 46 16 00-0006	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	15.20	6.03
33 46 16 00-0007	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	19.31	7.03
33 46 16 00-0008	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping.....	32.94	8.44

33 Utilities**33 40 Storm Drainage Utilities****33 46 Subdrainage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 16 00-0009			Perforated Non Reinforced Concrete Drainage Piping, C444 <small>(33 46 16)</small>		
33 46 16 00-0010	LF		6" Perforated Non Reinforced Concrete Drainage Pipe.....	18.93	4.49
			<i>For Extra Strength, Add</i>	1.11	
			<i>For >1,000, Deduct</i>	-0.95	
33 46 16 00-0011	LF		8" Perforated Non Reinforced Concrete Drainage Pipe.....	22.02	5.24
			<i>For Extra Strength, Add</i>	1.37	
			<i>For >1,000, Deduct</i>	-1.10	
33 46 16 00-0012	LF		10" Perforated Non Reinforced Concrete Drainage Pipe.....	24.94	5.99
			<i>For Extra Strength, Add</i>	1.60	
			<i>For >1,000, Deduct</i>	-1.25	
33 46 16 00-0013	LF		12" Perforated Non Reinforced Concrete Drainage Pipe.....	29.65	7.48
			<i>For Extra Strength, Add</i>	2.00	
			<i>For >1,000, Deduct</i>	-1.48	
33 46 16 00-0014			Extra Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 46 16)</small>		
			<small>16)</small> Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 46 16 00-0015	LF		6" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	19.51	9.43
			<i>For >1,000, Deduct</i>	-0.98	
33 46 16 00-0016	LF		8" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	21.59	10.48
			<i>For >1,000, Deduct</i>	-1.08	
33 46 16 00-0017	LF		10" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	23.82	11.53
			<i>For >1,000, Deduct</i>	-1.19	
33 46 16 00-0018	LF		12" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	27.01	11.98
			<i>For >1,000, Deduct</i>	-1.35	
33 46 16 00-0019	LF		15" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	31.20	13.48
			<i>For >1,000, Deduct</i>	-1.56	
33 46 16 00-0020	LF		18" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	38.65	17.22
			<i>For >1,000, Deduct</i>	-1.93	
33 46 16 00-0021	LF		21" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	48.33	22.09
			<i>For >1,000, Deduct</i>	-2.42	
33 46 16 00-0022	LF		24" Extra Strength Porous Non Reinforced Concrete Drainage Pipe.....	58.90	26.94
			<i>For >1,000, Deduct</i>	-2.95	
33 46 16 00-0023			Standard Strength Porous Non Reinforced Concrete Drainage Piping, C654 <small>(33 46 16)</small>		
33 46 16 00-0024	LF		6" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	14.34	4.49
			<i>For >1,000, Deduct</i>	-0.72	
33 46 16 00-0025	LF		8" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	18.22	5.24
			<i>For >1,000, Deduct</i>	-0.91	
33 46 16 00-0026	LF		10" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	23.25	5.99
			<i>For >1,000, Deduct</i>	-1.16	
33 46 16 00-0027	LF		12" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	34.01	11.98
			<i>For >1,000, Deduct</i>	-1.70	
33 46 16 00-0028	LF		15" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	38.82	13.48
			<i>For >1,000, Deduct</i>	-1.94	
33 46 16 00-0029	LF		18" Standard Strength Porous Non Reinforced Concrete Drainage Pipe.....	50.09	17.22
			<i>For >1,000, Deduct</i>	-2.50	
33 46 16 00-0030			Perforated Vitrified Clay Drainage Piping, C700 <small>(33 46 16)</small>		
33 46 16 00-0031	LF		4" Perforated Vitrified Clay Drainage Pipe.....	12.55	5.99
33 46 16 00-0032	LF		6" Perforated Vitrified Clay Drainage Pipe.....	16.48	5.99
33 46 16 00-0033	LF		8" Perforated Vitrified Clay Drainage Pipe.....	19.19	5.99
33 46 16 00-0034	LF		10" Perforated Vitrified Clay Drainage Pipe.....	23.70	5.99
33 46 16 00-0035	LF		12" Perforated Vitrified Clay Drainage Pipe.....	28.54	5.99
33 46 16 00-0036			Geotextile Filter Fabric Sock <small>(33 46 16)</small>		
33 46 16 00-0037	LF		3" Geotextile Filter Fabric Sock.....	0.54	
33 46 16 00-0038	LF		4" Geotextile Filter Fabric Sock.....	0.71	
33 46 16 00-0039	LF		6" Geotextile Filter Fabric Sock.....	1.09	
33 46 16 00-0040	LF		8" Geotextile Filter Fabric Sock.....	1.46	
33 46 16 00-0041	LF		10" Geotextile Filter Fabric Sock.....	2.11	
33 46 16 00-0042	LF		12" Geotextile Filter Fabric Sock.....	2.83	
33 46 16 00-0043	LF		15" Geotextile Filter Fabric Sock.....	3.30	
33 46 16 00-0044			Strip-Perforated, Galvanized, Corrugated Steel Pipe <small>(33 46 16)</small>		
			Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0045	LF		6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	15.41	4.49
			<i>For Full Perforated, Add</i>	0.64	
33 46 16 00-0046	LF		8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	19.35	5.45
			<i>For Full Perforated, Add</i>	0.85	
33 46 16 00-0047	LF		10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	24.44	6.91
			<i>For Full Perforated, Add</i>	1.06	
33 46 16 00-0048	LF		12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	27.44	8.17
			<i>For Full Perforated, Add</i>	1.11	
33 46 16 00-0049	LF		15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	30.87	8.45
			<i>For Full Perforated, Add</i>	1.40	
33 46 16 00-0050	LF		18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	34.37	8.77
			<i>For Full Perforated, Add</i>	1.69	
33 46 16 00-0051	LF		21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe.....	38.39	9.17
			<i>For Full Perforated, Add</i>	2.01	

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

33 46 16 00-0052		Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe <small>(33 46 16)</small>		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0053	LF	6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	16.44	4.49
		For Full Perforated, Add	0.75	
33 46 16 00-0054	LF	8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	20.75	5.45
		For Full Perforated, Add	0.99	
33 46 16 00-0055	LF	10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	26.15	6.91
		For Full Perforated, Add	1.23	
33 46 16 00-0056	LF	12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	29.10	8.17
		For Full Perforated, Add	1.28	
33 46 16 00-0057	LF	15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	32.92	8.45
		For Full Perforated, Add	1.60	
33 46 16 00-0058	LF	18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	36.81	8.77
		For Full Perforated, Add	1.93	
33 46 16 00-0059	LF	21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	41.23	9.17
		For Full Perforated, Add	2.29	

33 46 16 00-0060		Strip-Perforated, Corrugated Aluminum Pipe <small>(33 46 16)</small>		
		Note: Perforations are located in the bottom quarter points of the pipe.		
33 46 16 00-0061	LF	6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	16.77	4.49
		For Full Perforated, Add	0.78	
33 46 16 00-0062	LF	8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	21.18	5.45
		For Full Perforated, Add	1.03	
33 46 16 00-0063	LF	10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	26.69	6.91
		For Full Perforated, Add	1.29	
33 46 16 00-0064	LF	12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	33.20	8.17
		For Full Perforated, Add	1.69	
33 46 16 00-0065	LF	15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	38.03	8.45
		For Full Perforated, Add	2.11	
33 46 16 00-0066	LF	18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	43.00	8.77
		For Full Perforated, Add	2.55	
33 46 16 00-0067	LF	21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	48.45	9.17
		For Full Perforated, Add	3.01	

33 46 16 00-0068		Prefabricated Composite Drains <small>(33 46 16)</small>		
33 46 16 00-0069		Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) <small>(33 46 16 00-0068)</small>		
		Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 46 16 00-0070	LF	12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	6.72	1.69
		For External Typar Geotextile Wrap, Add	1.05	
33 46 16 00-0071	EA	Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	29.60	
33 46 16 00-0072	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	29.60	
33 46 16 00-0073	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	53.94	
33 46 16 00-0074	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	53.94	
33 46 16 00-0075	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	10.39	2.11
		For External Typar Geotextile Wrap, Add	1.58	
33 46 16 00-0076	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	42.09	
33 46 16 00-0077	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	42.09	
33 46 16 00-0078	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	59.22	
33 46 16 00-0079	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	59.22	

33 46 23 Underslab Drainage (33 46)

33 46 23 00-0001		Capillary Water Barrier Underslab Drainage <small>(33 46 23)</small>		
		Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 46 23 00-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	25.67	
33 46 23 00-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	23.68	
33 46 23 00-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	22.88	
33 46 23 00-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	21.68	

33 50 Fuel Distribution Utilities (33)

33 51 Natural-Gas Distribution (33 50)

33 51 13 Natural-Gas Piping (33 51)

See CSI section 23 05 23 00-0000 for gas valves.

33 51 13 13 Gas Distribution Lines (33 51 13)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 51 13 13-0001		Medium Density Polyethylene (MDPE) Gas Distribution Piping <small>(33 51 13 13)</small>		
		Note: 60 PSI, PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 51 13 13-0002	LF	1/2" DR 9 (200 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	2.83	1.34
		For Colors, Add	0.03	
33 51 13 13-0003	LF	3/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	3.12	1.43
		For DR 13.5 (128 PSI), Deduct	-0.05	
		For Colors, Add	0.03	
33 51 13 13-0004	LF	1" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	3.40	1.53
		For DR 13.5 (128 PSI), Deduct	-0.06	
		For Colors, Add	0.04	

33 Utilities**33 50 Fuel Distribution Utilities****33 51 Natural-Gas Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 51 13 13-0005	LF	1-1/4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	3.70	1.63
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.07	
		<i>For Colors, Add</i>	0.05	
33 51 13 13-0006	LF	1-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	4.15	1.96
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.11	
		<i>For Colors, Add</i>	0.07	
33 51 13 13-0007	LF	2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	4.60	2.13
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.14	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-0.26	
		<i>For Colors, Add</i>	0.09	
33 51 13 13-0008	LF	2-1/2" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	5.53	2.49
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.23	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-0.42	
		<i>For Colors, Add</i>	0.15	
33 51 13 13-0009	LF	3" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	6.60	2.96
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.31	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-0.58	
		<i>For Colors, Add</i>	0.20	
33 51 13 13-0010	LF	4" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	10.22	3.34
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.58	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-1.07	
		<i>For Colors, Add</i>	0.38	
33 51 13 13-0011	LF	5" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	17.77	3.34
		<i>For DR 13.5 (128 PSI), Deduct</i>	-0.81	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-1.49	
		<i>For Colors, Add</i>	0.52	
33 51 13 13-0012	LF	6" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	15.04	3.34
		<i>For DR 13.5 (128 PSI), Deduct</i>	-1.04	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-1.90	
		<i>For Colors, Add</i>	0.67	
33 51 13 13-0013	LF	8" DR 11 (160 PSI) Medium Density Polyethylene (MDPE) Gas Distribution Pipe.....	21.43	4.18
		<i>For DR 13.5 (128 PSI), Deduct</i>	-1.72	
		<i>For DR 15.5 (110 PSI), Deduct</i>	-3.17	
		<i>For Colors, Add</i>	1.11	
33 51 13 13-0014		Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped <small>(33 51 13 13)</small>		
33 51 13 13-0015	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	10.38	2.11
33 51 13 13-0016	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	11.79	2.33
33 51 13 13-0017	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	13.02	2.39
33 51 13 13-0018	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	13.37	2.45
33 51 13 13-0019	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	13.78	2.48
33 51 13 13-0020	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	14.65	2.66
33 51 13 13-0021	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	19.34	3.10
33 51 13 13-0022	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	24.18	3.91
33 51 13 13-0023	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	31.70	4.72
33 51 13 13-0024	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	41.32	5.48
33 51 13 13-0025	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	51.64	6.68
33 51 13 13-0026	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	73.29	8.60
33 51 13 13-0027		Gas Line Taps <small>(33 51 13 13)</small>		
		Note: Includes material to tap into main and gas valve.		
33 51 13 13-0028		Polyethylene, 60 PSI <small>(33 51 13 13-0027)</small>		
33 51 13 13-0029	EA	2" Polyethylene Hot Tap, With Valve.....	991.41	
33 51 13 13-0030	EA	2-1/2" Polyethylene Hot Tap, With Valve.....	1,144.20	
33 51 13 13-0031	EA	3" Polyethylene Hot Tap, With Valve.....	1,213.74	
33 51 13 13-0032	EA	4" Polyethylene Hot Tap, With Valve.....	1,764.78	
33 51 13 13-0033	EA	6" Polyethylene Hot Tap, With Valve.....	2,686.36	
33 51 13 13-0034		Steel, Schedule 40 <small>(33 51 13 13-0027)</small>		
		Note: For punch steel service tee.		
33 51 13 13-0035	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,513.77	
33 51 13 13-0036	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,539.34	
33 51 13 13-0037	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,577.43	
33 51 13 13-0038	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,614.07	
33 51 13 13-0039	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,639.54	
33 51 13 13-0040	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,781.21	
33 51 13 13-0041	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	1,828.94	
33 51 13 13-0042		Protective Pipe And Fitting Wrap <small>(33 51 13 13)</small>		
		Note: Includes cleaning and priming pipe.		
33 51 13 13-0043		Corrosion Protection Pipe Wrap For Pipe <small>(33 51 13 13-0042)</small>		
		Note: Field applied.		
33 51 13 13-0044	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	2.63	
33 51 13 13-0045	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	2.77	
33 51 13 13-0046	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	2.93	
33 51 13 13-0047	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.29	

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

33 51 13 13-0048	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.53	
33 51 13 13-0049	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.06	
33 51 13 13-0050	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.94	
33 51 13 13-0051	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	6.14	
33 51 13 13-0052	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	7.74	
33 51 13 13-0053	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	10.28	

33 51 13 13-0054 Corrosion Resistance Wrap And Coat - Fittings (33 51 13 13-0042)

Note: Field applied.

33 51 13 13-0055	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	14.48	
33 51 13 13-0056	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	14.48	
33 51 13 13-0057	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	17.86	
33 51 13 13-0058	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.16	
33 51 13 13-0059	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	20.16	
33 51 13 13-0060	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	23.86	
33 51 13 13-0061	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	31.84	
33 51 13 13-0062	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	43.79	
33 51 13 13-0063	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	44.33	
33 51 13 13-0064	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings	51.05	

33 51 13 13-0065 Service Fittings (33 51 13 13)
33 51 13 13-0066 Brass Fittings (33 51 13 13-0065)

33 51 13 13-0067	EA	1/2" X 2" Long Nipples, Threaded Both Ends, Brass	25.17	
33 51 13 13-0068	EA	3/4" X 2" Long Nipples, Threaded Both Ends, Brass	28.93	
33 51 13 13-0069	EA	1" X 2" Long Nipples, Threaded Both Ends, Brass	36.18	
33 51 13 13-0070	EA	1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass.....	44.16	
33 51 13 13-0071	EA	1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass.....	49.19	
33 51 13 13-0072	EA	2" X 2" Long Nipples, Threaded Both Ends, Brass.....	62.49	
33 51 13 13-0073	EA	1/2" 90 Degree Elbow, Brass.....	22.10	
33 51 13 13-0074	EA	3/4" 90 Degree Elbow, Brass.....	25.09	
33 51 13 13-0075	EA	1" 90 Degree Elbow, Brass.....	31.78	
33 51 13 13-0076	EA	1-1/4" 90 Degree Elbow, Brass.....	39.86	
33 51 13 13-0077	EA	1-1/2" 90 Degree Elbow, Brass.....	44.99	
33 51 13 13-0078	EA	2" 90 Degree Elbow, Brass.....	58.03	
33 51 13 13-0079	EA	1/2" Diameter Chrome Plated Nipple.....	17.77	
33 51 13 13-0080	EA	3/4" Diameter Chrome Plated Nipple.....	22.74	
33 51 13 13-0081	EA	1" Diameter Chrome Plated Nipple.....	29.60	
33 51 13 13-0082	EA	1-1/4" Diameter Chrome Plated Nipple.....	41.90	
33 51 13 13-0083	EA	1-1/2" Diameter Chrome Plated Nipple.....	50.35	
33 51 13 13-0084	EA	2" Diameter Chrome Plated Nipple.....	66.77	

33 51 13 13-0085 Anodless Gas Riser (33 51 13 13-0065)

33 51 13 13-0086	EA	3/4" Anodless Gas Riser.....	63.14	
33 51 13 13-0087	EA	1" Anodless Gas Riser.....	77.51	
33 51 13 13-0088	EA	1-1/4" Anodless Gas Riser.....	89.68	
33 51 13 13-0089	EA	1-1/2" Anodless Gas Riser.....	109.67	
33 51 13 13-0090	EA	2" Anodless Gas Riser.....	124.70	

33 51 13 13-0091 Brass Service Adapter (33 51 13 13-0065)

33 51 13 13-0092	EA	1/2" Brass Service Adapter.....	44.04	
33 51 13 13-0093	EA	3/4" Brass Service Adapter.....	48.46	
33 51 13 13-0094	EA	1" Brass Service Adapter.....	57.71	
33 51 13 13-0095	EA	1-1/4" Brass Service Adapter.....	66.18	
33 51 13 13-0096	EA	1-1/2" Brass Service Adapter.....	75.53	
33 51 13 13-0097	EA	2" Brass Service Adapter.....	86.39	
33 51 13 13-0098	EA	2-1/2" Brass Service Adapter.....	131.35	
33 51 13 13-0099	EA	3" Brass Service Adapter.....	159.53	
33 51 13 13-0100	EA	4" Brass Service Adapter.....	224.19	

33 51 33 Natural-Gas Metering (33 51)
33 51 33 13 Gas Meters And Regulators (33 51 33)
33 51 33 13-0001 Natural Gas Meters (33 51 33 13)
33 51 33 13-0002 Diaphragm Meters (33 51 33 13-0001)

Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.

33 51 33 13-0003	EA	250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded.....	362.87	52.91
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0004	EA	425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded.....	693.07	80.91
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0005	EA	425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded.....	802.06	80.91
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0006	EA	800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded.....	1,681.07	101.14
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	

33 Utilities**33 50 Fuel Distribution Utilities****33 51 Natural-Gas Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 51 33 13-0007	EA	1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded.....	1,911.89	124.48
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0008	EA	800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded.....	2,459.86	101.14
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0009	EA	1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded.....	2,749.95	124.48
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0010	EA	1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded.....	3,602.71	132.27
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0011	EA	2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded.....	5,072.91	155.60
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	
33 51 33 13-0012	EA	5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded.....	7,767.60	256.74
		<i>For Temperature And Pressure Compensation, Add</i>	8.40	
		<i>For Pulsers, Add</i>	26.50	

33 51 33 13-0013 Gas Pressure Regulators (33 51 33 13)**33 51 33 13-0014 Regulators With Screwed And Flanged Ends (33 51 33 13-0013)**

33 51 33 13-0015	EA	4", 3/4" Gas Pressure Regulator, Screwed End.....	140.45	13.53
33 51 33 13-0016	EA	1" Gas Pressure Regulator, Screwed End.....	143.52	13.53
33 51 33 13-0017	EA	1-1/4" Gas Pressure Regulator, Screwed End.....	150.89	16.05
33 51 33 13-0018	EA	1-1/2" Gas Pressure Regulator, Screwed End.....	475.45	18.59
33 51 33 13-0019	EA	2" Gas Pressure Regulator, Screwed End.....	514.23	28.79
33 51 33 13-0020	EA	3" Gas Pressure Regulator, Screwed End.....	1,430.19	64.58
33 51 33 13-0021	EA	4" Gas Pressure Regulator, Screwed End.....	1,982.14	85.58

33 51 33 13-0022 Gas Turbine Meters (33 51 33 13)**33 51 33 13-0023 Gas Turbine Meters With Direct-Digital Reading (33 51 33 13-0022)**

Note: Maximum working pressure 175 PSI, flanged end connections.

33 51 33 13-0024	EA	4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged.....	6,220.88	250.23
33 51 33 13-0025	EA	6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged.....	7,386.88	290.59
33 51 33 13-0026	EA	8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged.....	11,207.22	378.53
33 51 33 13-0027	EA	12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged.....	32,474.16	476.95

33 56 Fuel-Storage Tanks (33 50)**33 56 13 Aboveground Fuel-Storage Tanks (33 56)**

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

33 56 16 Underground Fuel-Storage Tanks (33 56)

See CSI section 23 13 13 00-0000 for underground storage tanks.

33 60 Hydronic And Steam Energy Utilities (33)**33 61 Hydronic Energy Distribution (33 60)****33 61 13 Underground Hydronic Energy Distribution (33 61)****33 61 13 13 Preinsulated Pipe (33 61 13)**

Note: Includes coupling per full length of pipe. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 33-0001 for excavation, 31 23 16 36-0016 for backfill.

33 61 13 13-0001 Preinsulated Schedule 40 Black Steel Pipe (33 61 13 13)

Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.

33 61 13 13-0002 Standard Black Steel Carrier Pipe (33 61 13 13-0001)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0003	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	39.90	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.42	
		<i>For Schedule 80 Pipe, Add</i>	4.24	
33 61 13 13-0004	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	43.50	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.47	
		<i>For Schedule 80 Pipe, Add</i>	4.66	
33 61 13 13-0005	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	47.70	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.53	
		<i>For Schedule 80 Pipe, Add</i>	5.25	
33 61 13 13-0006	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.83	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.56	
		<i>For Schedule 80 Pipe, Add</i>	5.64	
33 61 13 13-0007	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.50	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.59	
		<i>For Schedule 80 Pipe, Add</i>	5.89	
33 61 13 13-0008	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	61.74	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.64	
		<i>For Schedule 80 Pipe, Add</i>	6.40	

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

33 61 13 13-0009	LF			3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....70.84 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.69 <i>For Schedule 80 Pipe, Add</i> 6.92		
33 61 13 13-0010	LF			4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....89.73 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.87 <i>For Schedule 80 Pipe, Add</i> 8.71		
33 61 13 13-0011	LF			5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....112.27 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.11 <i>For Schedule 80 Pipe, Add</i> 11.14		
33 61 13 13-0012	LF			6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....130.94 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.29 <i>For Schedule 80 Pipe, Add</i> 12.94		
33 61 13 13-0013	LF			8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....174.20 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.88 <i>For Schedule 80 Pipe, Add</i> 18.83		
33 61 13 13-0014	LF			10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....219.51 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.48 <i>For Schedule 80 Pipe, Add</i> 24.85		
33 61 13 13-0015	LF			12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....272.23 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.10 <i>For Schedule 80 Pipe, Add</i> 30.99		

33 61 13 13-0016 Standard Black Steel Carrier Pipe (33 61 13 13-0001)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0017	LF			3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....42.02 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.47 <i>For Schedule 80 Pipe, Add</i> 4.66		
33 61 13 13-0018	LF			1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....45.83 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.51 <i>For Schedule 80 Pipe, Add</i> 5.13		
33 61 13 13-0019	LF			1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....50.32 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.58 <i>For Schedule 80 Pipe, Add</i> 5.78		
33 61 13 13-0020	LF			1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....53.64 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.62 <i>For Schedule 80 Pipe, Add</i> 6.20		
33 61 13 13-0021	LF			2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....56.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.65 <i>For Schedule 80 Pipe, Add</i> 6.48		
33 61 13 13-0022	LF			2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....64.94 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.70 <i>For Schedule 80 Pipe, Add</i> 7.04		
33 61 13 13-0023	LF			3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....74.30 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.76 <i>For Schedule 80 Pipe, Add</i> 7.61		
33 61 13 13-0024	LF			4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....94.08 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.96 <i>For Schedule 80 Pipe, Add</i> 9.58		
33 61 13 13-0025	LF			5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....117.84 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.23 <i>For Schedule 80 Pipe, Add</i> 12.26		
33 61 13 13-0026	LF			6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....137.41 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.42 <i>For Schedule 80 Pipe, Add</i> 14.23		
33 61 13 13-0027	LF			8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....183.61 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.07 <i>For Schedule 80 Pipe, Add</i> 20.71		
33 61 13 13-0028	LF			10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....231.94 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.73 <i>For Schedule 80 Pipe, Add</i> 27.33		
33 61 13 13-0029	LF			12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket .....287.73 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.41 <i>For Schedule 80 Pipe, Add</i> 34.09		

33 61 13 13-0030 Standard Black Steel Carrier Pipe (33 61 13 13-0001)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0031	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	43.08
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.49
		<i>For Schedule 80 Pipe, Add</i>	4.88
33 61 13 13-0032	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	47.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.54
		<i>For Schedule 80 Pipe, Add</i>	5.36
33 61 13 13-0033	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	51.63
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.60
		<i>For Schedule 80 Pipe, Add</i>	6.04
33 61 13 13-0034	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	55.05
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65
		<i>For Schedule 80 Pipe, Add</i>	6.48
33 61 13 13-0035	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	57.92
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.68
		<i>For Schedule 80 Pipe, Add</i>	6.78
33 61 13 13-0036	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	66.54
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.74
		<i>For Schedule 80 Pipe, Add</i>	7.36
33 61 13 13-0037	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	76.03
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.80
		<i>For Schedule 80 Pipe, Add</i>	7.95
33 61 13 13-0038	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	96.26
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.00
		<i>For Schedule 80 Pipe, Add</i>	10.02
33 61 13 13-0039	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	120.63
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.28
		<i>For Schedule 80 Pipe, Add</i>	12.81
33 61 13 13-0040	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	140.64
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.49
		<i>For Schedule 80 Pipe, Add</i>	14.88
33 61 13 13-0041	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	188.32
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.17
		<i>For Schedule 80 Pipe, Add</i>	21.65
33 61 13 13-0042	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	238.15
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.86
		<i>For Schedule 80 Pipe, Add</i>	28.57
33 61 13 13-0043	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	295.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.56
		<i>For Schedule 80 Pipe, Add</i>	35.64
33 61 13 13-0044		Standard Black Steel Carrier Pipe <small>(33 61 13 13-0001)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0045	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	44.67
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.52
		<i>For Schedule 80 Pipe, Add</i>	5.19
33 61 13 13-0046	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	48.74
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.57
		<i>For Schedule 80 Pipe, Add</i>	5.71
33 61 13 13-0047	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.64
		<i>For Schedule 80 Pipe, Add</i>	6.43
33 61 13 13-0048	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	57.17
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.69
		<i>For Schedule 80 Pipe, Add</i>	6.90
33 61 13 13-0049	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.13
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.72
		<i>For Schedule 80 Pipe, Add</i>	7.22
33 61 13 13-0050	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	68.94
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.78
		<i>For Schedule 80 Pipe, Add</i>	7.84
33 61 13 13-0051	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	78.62
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.85
		<i>For Schedule 80 Pipe, Add</i>	8.47
33 61 13 13-0052	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	99.52
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.07
		<i>For Schedule 80 Pipe, Add</i>	10.67

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

33 61 13 13-0053	LF	5"	Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	124.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.37	
			<i>For Schedule 80 Pipe, Add</i>	13.65	
33 61 13 13-0054	LF	6"	Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	145.49	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.58	
			<i>For Schedule 80 Pipe, Add</i>	15.85	
33 61 13 13-0055	LF	8"	Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	195.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.31	
			<i>For Schedule 80 Pipe, Add</i>	23.06	
33 61 13 13-0056	LF	10"	Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	247.47	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.04	
			<i>For Schedule 80 Pipe, Add</i>	30.44	
33 61 13 13-0057	LF	12"	Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	307.10	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.80	
			<i>For Schedule 80 Pipe, Add</i>	37.97	

33 61 13 13-0058 Preinsulated Black Steel Fittings (33 61 13 13)
 Note: No excavation or backfill.

33 61 13 13-0059 Elbows (33 61 13 13-0059)

33 61 13 13-0060 Elbows (33 61 13 13-0059)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0061	EA	3/4"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	305.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.35	
33 61 13 13-0062	EA	1"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	317.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.46	
33 61 13 13-0063	EA	1-1/4"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	365.03	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.07	
33 61 13 13-0064	EA	1-1/2"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	412.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.53	
33 61 13 13-0065	EA	2"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	492.49	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.76	
33 61 13 13-0066	EA	2-1/2"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	598.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.99	
33 61 13 13-0067	EA	3"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	695.82	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	
33 61 13 13-0068	EA	4"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	812.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.07	
33 61 13 13-0069	EA	5"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	956.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.37	
33 61 13 13-0070	EA	6"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,048.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.78	
33 61 13 13-0071	EA	8"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,464.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.03	
33 61 13 13-0072	EA	10"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,962.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.77	
33 61 13 13-0073	EA	12"	Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,490.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.82	

33 61 13 13-0074 Elbows (33 61 13 13-0059)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0075	EA	3/4"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	321.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.68	
33 61 13 13-0076	EA	1"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	333.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.79	
33 61 13 13-0077	EA	1-1/4"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	384.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.45	
33 61 13 13-0078	EA	1-1/2"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	433.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.95	
33 61 13 13-0079	EA	2"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	514.10	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.20	
33 61 13 13-0080	EA	2-1/2"	Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	620.93	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.44	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0081	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	721.75
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.43
33 61 13 13-0082	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	842.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.67
33 61 13 13-0083	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	994.97
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.15
33 61 13 13-0084	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,092.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.67
33 61 13 13-0085	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,528.54
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.31
33 61 13 13-0086	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,044.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.41
33 61 13 13-0087	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,598.43
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.98

33 61 13 13-0088 Elbows (33 61 13 13-0059)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0089	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	337.93
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.01
33 61 13 13-0090	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	350.58
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.13
33 61 13 13-0091	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	403.07
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.83
33 61 13 13-0092	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	454.35
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.36
33 61 13 13-0093	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	535.72
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.63
33 61 13 13-0094	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	643.40
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.89
33 61 13 13-0095	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	747.69
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.95
33 61 13 13-0096	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	872.59
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.28
33 61 13 13-0097	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,033.88
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.93
33 61 13 13-0098	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,136.67
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.55
33 61 13 13-0099	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,592.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.59
33 61 13 13-0100	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,126.11
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.04
33 61 13 13-0101	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,706.49
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.14

33 61 13 13-0102 Elbows (33 61 13 13-0059)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0103	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	354.26
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.33
33 61 13 13-0104	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	367.29
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.46
33 61 13 13-0105	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	422.09
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.21
33 61 13 13-0106	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	475.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.78
33 61 13 13-0107	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	557.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.06
33 61 13 13-0108	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	665.88
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.34
33 61 13 13-0109	EA	3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	773.62
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.47

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 13-0110	EA			4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	902.84	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.88	
33 61 13 13-0111	EA			5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,072.78	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.71	
33 61 13 13-0112	EA			6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,180.85	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.43	
33 61 13 13-0113	EA			8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,656.29	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.87	
33 61 13 13-0114	EA			10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,207.76	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.67	
33 61 13 13-0115	EA			12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,814.55	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.30	
33 61 13 13-0116				Tees <small>(33 61 13 13-0058)</small>		
33 61 13 13-0117				Tees <small>(33 61 13 13-0116)</small>		
				Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0118	EA			3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	454.58	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.47	
33 61 13 13-0119	EA			1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	472.25	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.62	
33 61 13 13-0120	EA			1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	543.60	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.53	
33 61 13 13-0121	EA			1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	614.96	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.22	
33 61 13 13-0122	EA			2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	734.04	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.56	
33 61 13 13-0123	EA			2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	892.64	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.90	
33 61 13 13-0124	EA			3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,038.53	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.27	
33 61 13 13-0125	EA			4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,212.06	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.98	
33 61 13 13-0126	EA			5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,428.63	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.41	
33 61 13 13-0127	EA			6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,564.24	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.50	
33 61 13 13-0128	EA			8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,183.08	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.30	
33 61 13 13-0129	EA			10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,929.44	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.33	
33 61 13 13-0130	EA			12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,713.93	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.79	
33 61 13 13-0131				Tees <small>(33 61 13 13-0116)</small>		
				Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0132	EA			3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	478.83	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.95	
33 61 13 13-0133	EA			1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	497.07	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.12	
33 61 13 13-0134	EA			1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	571.85	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.10	
33 61 13 13-0135	EA			1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	645.77	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.83	
33 61 13 13-0136	EA			2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	766.13	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.20	
33 61 13 13-0137	EA			2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	926.02	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.57	
33 61 13 13-0138	EA			3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,077.05	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.04	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0139	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,256.99	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.88	
33 61 13 13-0140	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,486.41	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.56	
33 61 13 13-0141	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,629.86	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.81	
33 61 13 13-0142	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,277.94	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.19	
33 61 13 13-0143	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,050.69	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.76	
33 61 13 13-0144	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,874.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	46.00	
33 61 13 13-0145		Tees <small>(33 61 13 13-0116)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0146	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	503.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61 13 13-0147	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	521.89	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.61	
33 61 13 13-0148	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	600.09	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.66	
33 61 13 13-0149	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	676.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45	
33 61 13 13-0150	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	798.23	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.84	
33 61 13 13-0151	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	959.40	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.24	
33 61 13 13-0152	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,115.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.81	
33 61 13 13-0153	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,301.93	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.78	
33 61 13 13-0154	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,544.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.72	
33 61 13 13-0155	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,695.47	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.12	
33 61 13 13-0156	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,372.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.09	
33 61 13 13-0157	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,171.94	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.18	
33 61 13 13-0158	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,034.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.21	
33 61 13 13-0159		Tees <small>(33 61 13 13-0116)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0160	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	527.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.92	
33 61 13 13-0161	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	546.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.11	
33 61 13 13-0162	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	628.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.23	
33 61 13 13-0163	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	707.39	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.07	
33 61 13 13-0164	EA	2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	830.32	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.48	
33 61 13 13-0165	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	992.78	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.90	
33 61 13 13-0166	EA	3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,154.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.58	
33 61 13 13-0167	EA	4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,346.86	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.68	

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

33 61	13	13-0168	EA 5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,601.95	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.87	
33 61	13	13-0169	EA 6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,761.09	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.43	
33 61	13	13-0170	EA 8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,467.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.99	
33 61	13	13-0171	EA 10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,293.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.61	
33 61	13	13-0172	EA 12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,195.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.42	

33 61 13 13-0173 Reducers (33 61 13 13-0058)

33 61 13 13-0174 Reducers (33 61 13 13-0173)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0175	EA 3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	259.52	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.61	
33 61	13	13-0176	EA 1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	269.82	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.70	
33 61	13	13-0177	EA 1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	310.79	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.21	
33 61	13	13-0178	EA 1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	352.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.59	
33 61	13	13-0179	EA 2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	422.97	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.78	
33 61	13	13-0180	EA 2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	524.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.98	
33 61	13	13-0181	EA 3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	604.85	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.74	
33 61	13	13-0182	EA 4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	702.45	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.70	
33 61	13	13-0183	EA 5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	824.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.61	
33 61	13	13-0184	EA 6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	902.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.78	
33 61	13	13-0185	EA 8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,258.70	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.14	
33 61	13	13-0186	EA 10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,690.70	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.07	
33 61	13	13-0187	EA 12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,138.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.92	

33 61 13 13-0188 Reducers (33 61 13 13-0173)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0189	EA 3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	273.07	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.89	
33 61	13	13-0190	EA 1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	283.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.98	
33 61	13	13-0191	EA 1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	326.58	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.53	
33 61	13	13-0192	EA 1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	369.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.94	
33 61	13	13-0193	EA 2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	440.91	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.14	
33 61	13	13-0194	EA 2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	543.00	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.35	
33 61	13	13-0195	EA 3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	626.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.17	
33 61	13	13-0196	EA 4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	727.56	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.20	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0197	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	856.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.26	
33 61 13 13-0198	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	939.05	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.51	
33 61 13 13-0199	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,311.72	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.20	
33 61 13 13-0200	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,758.47	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.43	
33 61 13 13-0201	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,228.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.71	

33 61 13 13-0202 Reducers (33 61 13 13-0173)

Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0203	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	286.62	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.16	
33 61 13 13-0204	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	297.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.25	
33 61 13 13-0205	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	342.36	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.84	
33 61 13 13-0206	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	386.59	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.28	
33 61 13 13-0207	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	458.85	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.50	
33 61 13 13-0208	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	561.65	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.72	
33 61 13 13-0209	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	647.90	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.60	
33 61 13 13-0210	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	752.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.70	
33 61 13 13-0211	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	888.87	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.90	
33 61 13 13-0212	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	975.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.25	
33 61 13 13-0213	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,364.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.26	
33 61 13 13-0214	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,826.24	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.78	
33 61 13 13-0215	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,318.25	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.51	

33 61 13 13-0216 Reducers (33 61 13 13-0173)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61 13 13-0217	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	300.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.43	
33 61 13 13-0218	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	311.44	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.53	
33 61 13 13-0219	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	358.15	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.16	
33 61 13 13-0220	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	403.81	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.63	
33 61 13 13-0221	EA	2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	476.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.86	
33 61 13 13-0222	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	580.31	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.09	
33 61 13 13-0223	EA	3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	669.43	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.03	
33 61 13 13-0224	EA	4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	777.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.20	
33 61 13 13-0225	EA	5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	921.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.55	

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

33 61	13	13-0226	EA	6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,012.40	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.98	
33 61	13	13-0227	EA	8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,417.75	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.32	
33 61	13	13-0228	EA	10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,894.00	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.14	
33 61	13	13-0229	EA	12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,407.95	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.30	
33 61	13	13-0230		Preinsulated Type K Copper Pipe <small>(33 61 13 13)</small>		
				Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61	13	13-0231		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
				Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13	13-0232	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	44.24	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.52	
33 61	13	13-0233	LF	1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	48.28	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.57	
33 61	13	13-0234	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	53.11	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65	
33 61	13	13-0235	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.64	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.69	
33 61	13	13-0236	LF	2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	59.58	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.72	
33 61	13	13-0237	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	68.24	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.79	
33 61	13	13-0238	LF	3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	77.76	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.85	
33 61	13	13-0239	LF	4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	98.42	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.07	
33 61	13	13-0240	LF	5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	123.47	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.37	
33 61	13	13-0241	LF	6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	143.92	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.59	
33 61	13	13-0242	LF	8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	193.56	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.31	
33 61	13	13-0243	LF	10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	245.36	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.06	
33 61	13	13-0244	LF	12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	304.51	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.81	
33 61	13	13-0245		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
				Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13	13-0246	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	46.85	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.57	
33 61	13	13-0247	LF	1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	51.15	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.63	
33 61	13	13-0248	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.34	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.71	
33 61	13	13-0249	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.11	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.76	
33 61	13	13-0250	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	63.20	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.80	
33 61	13	13-0251	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	72.17	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.87	
33 61	13	13-0252	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	82.01	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.94	
33 61	13	13-0253	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	103.77	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.18	
33 61	13	13-0254	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	130.32	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.51	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0255	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	151.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.75	
33 61 13 13-0256	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	205.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.55	
33 61 13 13-0257	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	260.63	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.36	
33 61 13 13-0258	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	323.56	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.19	
33 61 13 13-0259		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0260	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	48.15	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.60	
33 61 13 13-0261	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	52.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.66	
33 61 13 13-0262	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	57.95	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.74	
33 61 13 13-0263	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	61.84	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.80	
33 61 13 13-0264	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	65.01	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.83	
33 61 13 13-0265	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	74.14	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.91	
33 61 13 13-0266	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	84.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.98	
33 61 13 13-0267	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	106.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.23	
33 61 13 13-0268	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	133.74	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.58	
33 61 13 13-0269	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	155.85	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.83	
33 61 13 13-0270	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	210.92	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.66	
33 61 13 13-0271	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	268.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.51	
33 61 13 13-0272	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	333.09	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.38	
33 61 13 13-0273		Type K Copper Carrier Pipe <small>(33 61 13 13-0230)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0274	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	50.11	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.64	
33 61 13 13-0275	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	54.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.70	
33 61 13 13-0276	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.37	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.79	
33 61 13 13-0277	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.44	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.85	
33 61 13 13-0278	LF	2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	67.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.89	
33 61 13 13-0279	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	77.10	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.96	
33 61 13 13-0280	LF	3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	87.32	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.04	
33 61 13 13-0281	LF	4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	110.47	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.31	
33 61 13 13-0282	LF	5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	138.88	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.68	
33 61 13 13-0283	LF	6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	161.82	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.95	

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

33 61 13 13-0284	LF			8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	219.60	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.84	
33 61 13 13-0285	LF			10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	279.72	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.74	
33 61 13 13-0286	LF			12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	347.38	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.67	
33 61 13 13-0287				Preinsulated Copper Fittings <small>(33 61 13 13)</small>		
33 61 13 13-0288				Elbows <small>(33 61 13 13-0287)</small>		
33 61 13 13-0289				Elbows <small>(33 61 13 13-0288)</small>		
				Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0290	EA			3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	373.17	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.94	
33 61 13 13-0291	EA			1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	386.04	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.08	
33 61 13 13-0292	EA			1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	442.88	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	
33 61 13 13-0293	EA			1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	495.87	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.55	
33 61 13 13-0294	EA			2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	570.82	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.86	
33 61 13 13-0295	EA			2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	668.64	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.18	
33 61 13 13-0296	EA			3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	776.12	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.44	
33 61 13 13-0297	EA			4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	905.72	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.01	
33 61 13 13-0298	EA			5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,087.95	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.15	
33 61 13 13-0299	EA			6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,203.03	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.08	
33 61 13 13-0300	EA			8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,694.97	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.24	
33 61 13 13-0301	EA			10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,245.31	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.70	
33 61 13 13-0302	EA			12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,878.37	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.32	
33 61 13 13-0303				Elbows <small>(33 61 13 13-0288)</small>		
				Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0304	EA			3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	395.45	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.39	
33 61 13 13-0305	EA			1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	408.84	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.54	
33 61 13 13-0306	EA			1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	468.83	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61 13 13-0307	EA			1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	524.17	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.11	
33 61 13 13-0308	EA			2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	600.31	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.45	
33 61 13 13-0309	EA			2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	699.30	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.79	
33 61 13 13-0310	EA			3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	811.51	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.14	
33 61 13 13-0311	EA			4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	947.00	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.83	
33 61 13 13-0312	EA			5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,141.03	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.22	
33 61 13 13-0313	EA			6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,263.31	
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.28	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0314	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,782.12	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.98	
33 61 13 13-0315	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,356.71	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.93	
33 61 13 13-0316	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,025.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.26	
33 61 13 13-0317		Elbows <small>(33 61 13 13-0288)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0318	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	417.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.83	
33 61 13 13-0319	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	431.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.99	
33 61 13 13-0320	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	494.78	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.96	
33 61 13 13-0321	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	552.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.68	
33 61 13 13-0322	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	629.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.04	
33 61 13 13-0323	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	729.97	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.40	
33 61 13 13-0324	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	846.89	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.85	
33 61 13 13-0325	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	988.29	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.66	
33 61 13 13-0326	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,194.11	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.28	
33 61 13 13-0327	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,323.80	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.49	
33 61 13 13-0328	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,869.16	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.73	
33 61 13 13-0329	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,467.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.16	
33 61 13 13-0330	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,173.46	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.21	
33 61 13 13-0331		Elbows <small>(33 61 13 13-0288)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0332	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	440.00	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.28	
33 61 13 13-0333	EA	1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	454.45	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.45	
33 61 13 13-0334	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	520.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.48	
33 61 13 13-0335	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	580.79	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.25	
33 61 13 13-0336	EA	2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	659.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.63	
33 61 13 13-0337	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	760.64	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.02	
33 61 13 13-0338	EA	3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	882.27	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.56	
33 61 13 13-0339	EA	4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,029.57	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.49	
33 61 13 13-0340	EA	5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,247.18	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.34	
33 61 13 13-0341	EA	6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,384.08	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.69	
33 61 13 13-0342	EA	8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,956.31	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.47	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 61	13	13-0343	EA 10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,579.18 36.39	
	33 61	13	13-0344	EA 12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,320.89 48.16	
33 61	13	13-0345		Tees <small>(33 61 13 13-0287)</small>		
33 61	13	13-0346		Tees <small>(33 61 13 13-0345)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61	13	13-0347	EA 3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	555.26 8.82	
	33 61	13	13-0348	EA 1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	574.38 9.03	
	33 61	13	13-0349	EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	659.00 10.28	
	33 61	13	13-0350	EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	737.99 11.21	
	33 61	13	13-0351	EA 2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	849.98 11.68	
	33 61	13	13-0352	EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	996.38 12.14	
	33 61	13	13-0353	EA 3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,157.13 14.01	
	33 61	13	13-0354	EA 4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,350.35 16.35	
	33 61	13	13-0355	EA 5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,623.38 21.02	
	33 61	13	13-0356	EA 6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,792.98 23.87	
	33 61	13	13-0357	EA 8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,523.94 34.51	
	33 61	13	13-0358	EA 10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,346.97 44.11	
	33 61	13	13-0359	EA 12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,288.07 58.38	
33 61	13	13-0360		Tees <small>(33 61 13 13-0345)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
	33 61	13	13-0361	EA 3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	588.34 9.48	
	33 61	13	13-0362	EA 1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	608.24 9.71	
	33 61	13	13-0363	EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	697.53 11.05	
	33 61	13	13-0364	EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	780.02 12.05	
	33 61	13	13-0365	EA 2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	893.77 12.55	
	33 61	13	13-0366	EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,041.92 13.05	
	33 61	13	13-0367	EA 3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,209.67 15.06	
	33 61	13	13-0368	EA 4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,411.66 17.57	
	33 61	13	13-0369	EA 5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,702.19 22.59	
	33 61	13	13-0370	EA 6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,882.50 25.66	
	33 61	13	13-0371	EA 8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,653.35 37.10	

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0372	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,512.39
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.42
33 61 13 13-0373	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,507.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	62.76
33 61 13 13-0374		Tees <small>(33 61 13 13-0345)</small>	
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0375	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	621.42
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.15
33 61 13 13-0376	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	642.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.38
33 61 13 13-0377	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	736.07
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.82
33 61 13 13-0378	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	822.06
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.89
33 61 13 13-0379	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	937.56
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.43
33 61 13 13-0380	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,087.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.97
33 61 13 13-0381	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,262.22
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.11
33 61 13 13-0382	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,472.96
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.80
33 61 13 13-0383	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,781.01
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.17
33 61 13 13-0384	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,972.30
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.45
33 61 13 13-0385	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,781.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.69
33 61 13 13-0386	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,676.06
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.73
33 61 13 13-0387	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,727.96
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	67.14
33 61 13 13-0388		Tees <small>(33 61 13 13-0345)</small>	
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.	
33 61 13 13-0389	EA	3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	654.51
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.81
33 61 13 13-0390	EA	1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	675.96
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.06
33 61 13 13-0391	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	774.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.59
33 61 13 13-0392	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	864.10
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.73
33 61 13 13-0393	EA	2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	981.34
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.30
33 61 13 13-0394	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,133.00
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.88
33 61 13 13-0395	EA	3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,314.76
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.16
33 61 13 13-0396	EA	4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,534.26
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.03
33 61 13 13-0397	EA	5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,859.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.75
33 61 13 13-0398	EA	6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,061.82
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.24
33 61 13 13-0399	EA	8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,911.41
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.28
33 61 13 13-0400	EA	10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,841.48
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	54.04

33 61	13	13-0401	EA	12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,946.90
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	71.52

33 61 13 13-0402 Reducers (33 61 13 13-0287)

33 61 13 13-0403 Reducers (33 61 13 13-0402)

Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0404	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	315.07
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.93
33 61	13	13-0405	EA	1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	326.13
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.05
33 61	13	13-0406	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	374.38
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.74
33 61	13	13-0407	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	419.80
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.27
33 61	13	13-0408	EA	2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	486.15
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.53
33 61	13	13-0409	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	579.00
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.79
33 61	13	13-0410	EA	3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	667.93
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.83
33 61	13	13-0411	EA	4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	776.46
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.14
33 61	13	13-0412	EA	5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	929.77
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.75
33 61	13	13-0413	EA	6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,026.60
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.34
33 61	13	13-0414	EA	8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,444.22
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.29
33 61	13	13-0415	EA	10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,917.20
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.66
33 61	13	13-0416	EA	12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,451.53
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.63

33 61 13 13-0417 Reducers (33 61 13 13-0402)

Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

33 61	13	13-0418	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	333.56
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.30
33 61	13	13-0419	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	345.06
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.43
33 61	13	13-0420	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	395.92
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.17
33 61	13	13-0421	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	443.30
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.74
33 61	13	13-0422	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	510.62
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.02
33 61	13	13-0423	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	604.45
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.30
33 61	13	13-0424	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	697.30
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.42
33 61	13	13-0425	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	810.73
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.82
33 61	13	13-0426	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	973.82
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.63
33 61	13	13-0427	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,076.63
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.34
33 61	13	13-0428	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,516.55
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.74
33 61	13	13-0429	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,009.66
				<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.50

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0430	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,573.90
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.08
33 61 13 13-0431 Reducers <small>(33 61 13 13-0402)</small>			
Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 13-0432	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	352.05
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.67
33 61 13 13-0433	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	363.98
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.80
33 61 13 13-0434	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	417.45
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.60
33 61 13 13-0435	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	466.79
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.21
33 61 13 13-0436	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	535.09
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.51
33 61 13 13-0437	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	629.90
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.81
33 61 13 13-0438	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	726.67
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.01
33 61 13 13-0439	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	844.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.51
33 61 13 13-0440	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,017.88
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.51
33 61 13 13-0441	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,126.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.34
33 61 13 13-0442	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,588.61
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.18
33 61 13 13-0443	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,101.87
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.35
33 61 13 13-0444	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,696.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.53
33 61 13 13-0445 Reducers <small>(33 61 13 13-0402)</small>			
Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 13-0446	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	370.54
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.04
33 61 13 13-0447	EA	1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	382.91
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.18
33 61 13 13-0448	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	438.99
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.04
33 61 13 13-0449	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	490.29
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.68
33 61 13 13-0450	EA	2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	559.57
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.99
33 61 13 13-0451	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	655.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.31
33 61 13 13-0452	EA	3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	756.04
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.59
33 61 13 13-0453	EA	4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	879.25
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.19
33 61 13 13-0454	EA	5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,061.93
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.39
33 61 13 13-0455	EA	6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,176.86
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.34
33 61 13 13-0456	EA	8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,660.94
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.63
33 61 13 13-0457	EA	10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,194.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.20
33 61 13 13-0458	EA	12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,818.83
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.97

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

33 61 13 13-0459		Preinsulated Ductile Iron Carrier Pipe <small>(33 61 13 13)</small> Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 13-0460		Ductile Iron Carrier Pipe <small>(33 61 13 13-0459)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0461	LF	4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	96.84	
33 61 13 13-0462	LF	6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	141.23	
33 61 13 13-0463	LF	8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	187.24	
33 61 13 13-0464	LF	10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	235.51	
33 61 13 13-0465	LF	12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	291.99	
33 61 13 13-0466		Ductile Iron Carrier Pipe <small>(33 61 13 13-0459)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0467	LF	4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	101.98	
33 61 13 13-0468	LF	6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	148.87	
33 61 13 13-0469	LF	8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	198.35	
33 61 13 13-0470	LF	10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	250.17	
33 61 13 13-0471	LF	12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	310.27	
33 61 13 13-0472	LF	14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	338.34	
33 61 13 13-0473	LF	16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	378.70	
33 61 13 13-0474	LF	18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	423.35	
33 61 13 13-0475	LF	20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	463.94	
33 61 13 13-0476	LF	24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	544.03	
33 61 13 13-0477		Preinsulated Ductile Iron Fittings <small>(33 61 13 13)</small>		
33 61 13 13-0478		Elbows <small>(33 61 13 13-0477)</small>		
33 61 13 13-0479		Elbows <small>(33 61 13 13-0478)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0480	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	863.54	
33 61 13 13-0481	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,123.46	
33 61 13 13-0482	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,573.32	
33 61 13 13-0483	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,101.70	
33 61 13 13-0484	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,674.19	
33 61 13 13-0485		Elbows <small>(33 61 13 13-0478)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0486	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	927.02	
33 61 13 13-0487	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,216.15	
33 61 13 13-0488	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,707.33	
33 61 13 13-0489	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,272.99	
33 61 13 13-0490	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,900.89	
33 61 13 13-0491	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,519.31	
33 61 13 13-0492	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,140.97	
33 61 13 13-0493	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,162.62	
33 61 13 13-0494	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,563.47	
33 61 13 13-0495	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,579.12	
33 61 13 13-0496		Tees <small>(33 61 13 13-0477)</small>		
33 61 13 13-0497		Tees <small>(33 61 13 13-0496)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		

33 Utilities**33 60 Hydronic And Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 13-0498	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,288.49	
33 61 13 13-0499	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,675.86	
33 61 13 13-0500	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,344.44	
33 61 13 13-0501	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,135.70	
33 61 13 13-0502	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,986.91	
33 61 13 13-0503		Tees <small>(33 61 13 13-0498)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0504	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,382.76	
33 61 13 13-0505	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,813.51	
33 61 13 13-0506	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,543.44	
33 61 13 13-0507	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,390.06	
33 61 13 13-0508	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,323.56	
33 61 13 13-0509	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,122.90	
33 61 13 13-0510	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	6,029.65	
33 61 13 13-0511	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,518.56	
33 61 13 13-0512	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	9,564.89	
33 61 13 13-0513	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	12,501.70	
33 61 13 13-0514		Reducers <small>(33 61 13 13-0477)</small>		
33 61 13 13-0515		Reducers <small>(33 61 13 13-0514)</small>		
		Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0516	EA	4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	745.17	
33 61 13 13-0517	EA	6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	964.76	
33 61 13 13-0518	EA	8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,348.89	
33 61 13 13-0519	EA	10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,805.98	
33 61 13 13-0520	EA	12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,291.44	
33 61 13 13-0521		Reducers <small>(33 61 13 13-0514)</small>		
		Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 13-0522	EA	4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	797.85	
33 61 13 13-0523	EA	6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,041.70	
33 61 13 13-0524	EA	8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,460.11	
33 61 13 13-0525	EA	10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,948.14	
33 61 13 13-0526	EA	12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,479.60	
33 61 13 13-0527	EA	14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,934.86	
33 61 13 13-0528	EA	16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,449.27	
33 61 13 13-0529	EA	18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,268.73	
33 61 13 13-0530	EA	20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,471.55	
33 61 13 13-0531	EA	24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,172.16	
33 61 13 13-0532		Tempered Water Piping Pre-Insulated <small>(33 61 13 13)</small>		
33 61 13 13-0533		Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0534	LF	4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	48.24	17.02
33 61 13 13-0535	LF	6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	57.87	18.60
33 61 13 13-0536	LF	8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	75.80	20.00
33 61 13 13-0537	LF	10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	100.69	25.00
33 61 13 13-0538	LF	12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	128.11	30.84

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

33 61 13 13-0539	Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0540	LF 4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	34.52	18.60
33 61 13 13-0541	LF 6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	36.66	18.60
33 61 13 13-0542	LF 8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	38.66	18.60
33 61 13 13-0543	LF 10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	46.46	21.98
33 61 13 13-0544	LF 12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation	56.93	27.90

33 61 13 13-0545	Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 13-0532)</small>		
33 61 13 13-0546	LF 4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	34.52	18.60
33 61 13 13-0547	LF 6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	36.66	18.60
33 61 13 13-0548	LF 8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	38.66	18.60
33 61 13 13-0549	LF 10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	46.46	21.98
33 61 13 13-0550	LF 12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation	56.93	27.90

33 70 Electrical Utilities (33)

33 71 Electrical Utility Transmission And Distribution (33 70)

33 71 19 Electrical Underground Ducts And Manholes (33 71)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 71 19 00-0001 Electrical Handholes And Pull Boxes (33 71 19)

33 71 19 00-0002 Electrical Pull Boxes (33 71 19 00-0001)

See CSI section 33 05 16 13-0427 for handholes.

33 71 19 00-0003	EA 24" x 36" x 24", Electric Pull Boxes, Precast Concrete	1,472.54	
33 71 19 00-0004	EA 24" x 36" x 36", Electric Pull Boxes, Precast Concrete	1,766.87	
33 71 19 00-0005	EA 30" x 48" x 36", Electric Pull Boxes, Precast Concrete	2,048.34	
33 71 19 00-0006	EA 36" x 72" x 24", Electric Pull Boxes, Precast Concrete	3,200.47	
33 71 19 00-0007	EA 36" x 60" x 36", Electric Pull Boxes, Precast Concrete	3,417.35	
33 71 19 00-0008	EA 48" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,677.16	
33 71 19 00-0009	EA 48" x 60" x 48", Electric Pull Boxes, Precast Concrete	4,231.86	

33 71 19 00-0010 Electrical Pull Boxes (CALTRAN) (33 71 19 00-0001)

33 71 19 00-0011	EA Body, CALTRANS 3-1/2 Precast Concrete Pull Box	92.90	
33 71 19 00-0012	EA Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	31.62	
33 71 19 00-0013	EA Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	51.13	
33 71 19 00-0014	EA Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	95.95	
33 71 19 00-0015	EA Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	142.43	
<i>For Galvanized Steel Cover, Add</i>		22.50	
33 71 19 00-0016	EA 12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	43.98	
33 71 19 00-0017	EA Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	43.98	
33 71 19 00-0018	EA Body, CALTRANS 5 Precast Concrete Pull Box	134.83	
33 71 19 00-0019	EA Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	40.42	
33 71 19 00-0020	EA Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	59.93	
33 71 19 00-0021	EA Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	185.33	
<i>For Galvanized Steel Cover, Add</i>		41.25	
33 71 19 00-0022	EA 12" Extension, CALTRANS 5 Precast Concrete Pull Box	57.73	
33 71 19 00-0023	EA Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	54.71	
33 71 19 00-0024	EA Body, CALTRANS 6 Precast Concrete Pull Box	143.63	
33 71 19 00-0025	EA Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	52.24	
33 71 19 00-0026	EA Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	71.75	
33 71 19 00-0027	EA Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	250.23	
<i>For Galvanized Steel Cover, Add</i>		57.75	
33 71 19 00-0028	EA 12" Extension, CALTRANS 6 Precast Concrete Pull Box	66.53	
33 71 19 00-0029	EA Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	63.23	
33 71 19 00-0030	EA 6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	83.03	
33 71 19 00-0031	EA Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	173.48	
33 71 19 00-0032	EA Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	220.53	
33 71 19 00-0033	EA 12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	77.53	
33 71 19 00-0034	EA Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	72.03	
33 71 19 00-0035	EA Body, CALTRANS 5-T Precast Concrete Pull Box	231.63	
33 71 19 00-0036	EA Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	314.03	
33 71 19 00-0037	EA 12" Extension, CALTRANS 5-T Precast Concrete Pull Box	90.73	
33 71 19 00-0038	EA Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	88.53	
33 71 19 00-0039	EA Body, CALTRANS 6-T Precast Concrete Pull Box	311.93	
33 71 19 00-0040	EA Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	435.03	
33 71 19 00-0041	EA 12" Extension, CALTRANS 6-T Precast Concrete Pull Box	145.73	
33 71 19 00-0042	EA Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	116.03	

33 71 19 00-0043 Electrical Property Line Boxes (33 71 19)

33 71 19 00-0044	EA 3'-6" x 2'-9" x 2' Deep Property Line Box	2,962.45	290.14
33 71 19 00-0045	EA 4'-6" x 3'-6" x 4' Deep Property Line Box	3,470.46	300.89
33 71 19 00-0046	EA 6' x 4' x 5' Deep Property Line Box	3,817.50	365.35
33 71 19 00-0047	EA 11'-6" x 4'-6" x 6' Deep Property Line Box	5,838.96	537.29

33 Utilities**33 70 Electrical Utilities****33 71 Electrical Utility Transmission And Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 71 19 00-0048		Underground Electrical Concrete Markers <small>(33 71 19)</small>		
33 71 19 00-0049	EA	36" x 6" x 6", Underground Electric Concrete Marker	261.81	
33 71 19 00-0050		Manhole Accessories <small>(33 71 19)</small>		
33 71 19 00-0051	EA	6" Precast Grade Ring Riser Casting.....	390.31	
33 71 19 00-0052	EA	12" Precast Grade Ring Riser Casting.....	422.68	
33 71 19 00-0053	EA	36" Opening Cast Iron Frame And Cover NEENAH #R-1640-D.....	1,217.63	
33 71 19 00-0054	EA	42" Opening Cast Iron Frame And Cover NEENAH #R-1740-E1	1,583.39	
33 71 19 00-0055	EA	Cast Iron Adjusting Ring NEENAH #R-1979.....	538.80	
33 71 19 00-0056	EA	Cast Iron Frame And Cover NEENAH #R-1640-B.....	675.16	

END OF SECTION 33

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

40 Process Interconnections

40 05 Common Work Results For Process Interconnections ⁽⁴⁰⁾

40 05 23 Stainless Steel Process Pipe and Tubing ^(40 05)

40 05 23 43 Stainless Steel Process Pipe ^(40 05 23)

40 05 23 43-0001 Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly ^(40 05 23 43)

Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 43-0002	LF 1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	23.50
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	6.93
	<i>For Type 316, Add</i>	2.49
	<i>For Work In Restricted Working Space, Add</i>	4.18
40 05 23 43-0003	LF 3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	26.58
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	7.94
	<i>For Type 316, Add</i>	2.61
	<i>For Work In Restricted Working Space, Add</i>	4.96
40 05 23 43-0004	LF 1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	30.95
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	8.96
	<i>For Type 316, Add</i>	3.06
	<i>For Work In Restricted Working Space, Add</i>	5.76
40 05 23 43-0005	LF 1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	35.50
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	10.82
	<i>For Type 316, Add</i>	3.86
	<i>For Work In Restricted Working Space, Add</i>	6.20
40 05 23 43-0006	LF 1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	39.15
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	11.13
	<i>For Type 316, Add</i>	4.42
	<i>For Work In Restricted Working Space, Add</i>	6.64
40 05 23 43-0007	LF 2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	47.43
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	14.70
	<i>For Type 316, Add</i>	5.39
	<i>For Work In Restricted Working Space, Add</i>	8.01
40 05 23 43-0008	LF 2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	68.72
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	18.13
	<i>For Type 316, Add</i>	9.27
	<i>For Work In Restricted Working Space, Add</i>	9.92
40 05 23 43-0009	LF 3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	86.88
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	21.01
	<i>For Type 316, Add</i>	12.07
	<i>For Work In Restricted Working Space, Add</i>	12.13
40 05 23 43-0010	LF 4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly	118.19
	Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	21.01
	<i>For Work In Restricted Working Space, Add</i>	15.39

40 05 23 43-0011 Stainless Steel Tubing And Fittings ^(40 05 23 43)

40 05 23 43-0012 Type 304 Tubing ^(40 05 23 43-0011)

40 05 23 43-0013 0.035" Wall ^(40 05 23 43-0012)

40 05 23 43-0014	LF 1/4" Stainless Steel Tubing, Type 304, 0.035" Wall	5.50
	<i>For Work In Restricted Working Space, Add</i>	1.36
40 05 23 43-0015	LF 3/8" Stainless Steel Tubing, Type 304, 0.035" Wall	6.46
	<i>For Work In Restricted Working Space, Add</i>	1.63
40 05 23 43-0016	LF 1/2" Stainless Steel Tubing, Type 304, 0.035" Wall	7.65
	<i>For Work In Restricted Working Space, Add</i>	1.91
40 05 23 43-0017	LF 5/8" Stainless Steel Tubing, Type 304, 0.035" Wall	11.22
	<i>For Work In Restricted Working Space, Add</i>	2.18
40 05 23 43-0018	LF 3/4" Stainless Steel Tubing, Type 304, 0.035" Wall	13.12
	<i>For Work In Restricted Working Space, Add</i>	2.45
40 05 23 43-0019	LF 7/8" Stainless Steel Tubing, Type 304, 0.035" Wall	14.54
	<i>For Work In Restricted Working Space, Add</i>	2.73
40 05 23 43-0020	LF 1" Stainless Steel Tubing, Type 304, 0.035" Wall	16.55
	<i>For Work In Restricted Working Space, Add</i>	3.27

40 05 23 43-0021 0.049" Wall ^(40 05 23 43-0012)

40 05 23 43-0022	LF 1/4" Stainless Steel Tubing, Type 304, 0.049" Wall	8.32
	<i>For Work In Restricted Working Space, Add</i>	1.63
40 05 23 43-0023	LF 3/8" Stainless Steel Tubing, Type 304, 0.049" Wall	9.38
	<i>For Work In Restricted Working Space, Add</i>	1.91
40 05 23 43-0024	LF 1/2" Stainless Steel Tubing, Type 304, 0.049" Wall	11.13
	<i>For Work In Restricted Working Space, Add</i>	2.18
40 05 23 43-0025	LF 5/8" Stainless Steel Tubing, Type 304, 0.049" Wall	14.04
	<i>For Work In Restricted Working Space, Add</i>	2.73
40 05 23 43-0026	LF 3/4" Stainless Steel Tubing, Type 304, 0.049" Wall	16.27
	<i>For Work In Restricted Working Space, Add</i>	3.27
40 05 23 43-0027	LF 7/8" Stainless Steel Tubing, Type 304, 0.049" Wall	18.47
	<i>For Work In Restricted Working Space, Add</i>	3.82
40 05 23 43-0028	LF 1" Stainless Steel Tubing, Type 304, 0.049" Wall	21.22
	<i>For Work In Restricted Working Space, Add</i>	4.34

40 05 23 43-0029 0.065" Wall ^(40 05 23 43-0012)

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0030	LF		1/4" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	9.70 1.91	3.21
40 05 23 43-0031	LF		3/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	11.15 2.18	3.63
40 05 23 43-0032	LF		1/2" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	13.80 2.73	4.56
40 05 23 43-0033	LF		5/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	16.31 3.27	5.50
40 05 23 43-0034	LF		3/4" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	19.18 3.82	6.34
40 05 23 43-0035	LF		7/8" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	21.97 4.34	7.19
40 05 23 43-0036	LF		1" Stainless Steel Tubing, Type 304, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	24.76 4.88	8.12
40 05 23 43-0037			Type 304 Tube Fittings (40 05 23 43-0011)		
40 05 23 43-0038			90 Degree Elbows (40 05 23 43-0037)		
40 05 23 43-0039	EA		1/4" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	30.41 5.45	9.13
40 05 23 43-0040	EA		3/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	35.31 5.97	9.98
40 05 23 43-0041	EA		1/2" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	50.18 6.76	11.25
40 05 23 43-0042	EA		5/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	54.08 7.57	12.60
40 05 23 43-0043	EA		3/4" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	60.10 8.18	13.61
40 05 23 43-0044	EA		7/8" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	79.23 9.06	15.13
40 05 23 43-0045	EA		1" 90 Degree Elbow, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	99.90 10.79	18.01
40 05 23 43-0046			Union Tees (40 05 23 43-0037)		
40 05 23 43-0047	EA		1/4" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	47.61 8.18	13.61
40 05 23 43-0048	EA		3/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	56.58 9.06	15.13
40 05 23 43-0049	EA		1/2" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	74.28 10.15	16.91
40 05 23 43-0050	EA		5/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	80.75 11.53	19.19
40 05 23 43-0051	EA		3/4" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	99.97 12.37	20.63
40 05 23 43-0052	EA		7/8" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	150.81 13.71	22.83
40 05 23 43-0053	EA		1" Union Tee, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	180.65 16.37	27.31
40 05 23 43-0054			Unions (40 05 23 43-0037)		
40 05 23 43-0055	EA		1/4" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	45.99 8.18	13.61
40 05 23 43-0056	EA		3/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	57.49 9.06	15.13
40 05 23 43-0057	EA		1/2" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	74.88 10.15	16.91
40 05 23 43-0058	EA		5/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	90.15 11.53	19.19
40 05 23 43-0059	EA		3/4" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	105.69 12.37	20.63
40 05 23 43-0060	EA		7/8" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	155.37 13.71	22.83
40 05 23 43-0061	EA		1" Union, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	167.73 16.37	27.31
40 05 23 43-0062			Male Connectors (40 05 23 43-0037)		
40 05 23 43-0063	EA		1/4" x 1/4" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	24.61 5.45	9.13
40 05 23 43-0064	EA		3/8" x 3/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	29.62 5.97	9.98
40 05 23 43-0065	EA		1/2" x 1/2" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	37.08 6.76	11.25
40 05 23 43-0066	EA		5/8" x 5/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	41.73 7.57	12.60
40 05 23 43-0067	EA		3/4" x 3/4" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	49.13 8.18	13.61
40 05 23 43-0068	EA		7/8" x 7/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	69.61 9.06	15.13
40 05 23 43-0069	EA		1" x 1" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	74.65 10.79	18.01
40 05 23 43-0070			Type 304 Valves (40 05 23 43-0011)		

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

40 05 23 43-0071 Gate Valves <small>(40 05 23 43-0070)</small>		
40 05 23 43-0072	EA 1/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	156.64 7.39
40 05 23 43-0073	EA 3/8" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	263.97 7.78
40 05 23 43-0074	EA 1/2" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	274.03 10.79
40 05 23 43-0075	EA 3/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	303.77 12.37
40 05 23 43-0076	EA 1" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	278.82 16.37
40 05 23 43-0077 Globe Valves <small>(40 05 23 43-0070)</small>		
40 05 23 43-0078	EA 1/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	158.80 7.39
40 05 23 43-0079	EA 3/8" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	104.90 7.78
40 05 23 43-0080	EA 1/2" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	188.47 10.79
40 05 23 43-0081	EA 3/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	209.80 12.37
40 05 23 43-0082	EA 1" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	306.06 16.37
40 05 23 43-0083 Check Valves <small>(40 05 23 43-0070)</small>		
40 05 23 43-0084	EA 1/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	222.36 7.39
40 05 23 43-0085	EA 3/8" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	223.66 7.78
40 05 23 43-0086	EA 1/2" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	146.51 10.79
40 05 23 43-0087	EA 3/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	153.38 12.37
40 05 23 43-0088	EA 1" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	169.89 16.37
40 05 23 43-0089 Plug Valves <small>(40 05 23 43-0070)</small>		
40 05 23 43-0090	EA 1/2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	343.94 10.79
40 05 23 43-0091	EA 3/4" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	376.58 12.37
40 05 23 43-0092	EA 1" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	426.38 16.37
40 05 23 43-0093	EA 1-1/2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	592.21 18.51
40 05 23 43-0094	EA 2" Plug Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	771.17 25.37
40 05 23 43-0095 Type 316 Tubing <small>(40 05 23 43-0011)</small>		
40 05 23 43-0096 0.035" Wall <small>(40 05 23 43-0095)</small>		
40 05 23 43-0097	LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	5.65 1.36
40 05 23 43-0098	LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	7.18 1.63
40 05 23 43-0099	LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	8.09 1.91
40 05 23 43-0100	LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	12.38 2.18
40 05 23 43-0101	LF 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	14.03 2.45
40 05 23 43-0102	LF 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	17.33 2.73
40 05 23 43-0103	LF 1" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	18.71 3.27
40 05 23 43-0104 0.049" Wall <small>(40 05 23 43-0095)</small>		
40 05 23 43-0105	LF 1/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	8.94 1.63
40 05 23 43-0106	LF 3/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	10.03 1.91
40 05 23 43-0107	LF 1/2" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	11.74 2.18
40 05 23 43-0108	LF 5/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	15.18 2.73
40 05 23 43-0109	LF 3/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	17.68 3.27
40 05 23 43-0110	LF 7/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	22.10 3.82
40 05 23 43-0111	LF 1" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	23.12 4.34

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 43-0112 0.065" Wall (40 05 23 43-0095)			
40 05 23 43-0113	LF 1/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	10.45 1.91	3.21
40 05 23 43-0114	LF 3/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	11.72 2.18	3.63
40 05 23 43-0115	LF 1/2" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	14.70 2.73	4.56
40 05 23 43-0116	LF 5/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	17.55 3.27	5.50
40 05 23 43-0117	LF 3/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	21.07 3.82	6.34
40 05 23 43-0118	LF 7/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	23.37 4.34	7.19
40 05 23 43-0119	LF 1" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	27.01 4.88	8.12
40 05 23 43-0120 Type 316 Tube Fittings (40 05 23 43-0011)			
40 05 23 43-0121 90 Degree Elbows (40 05 23 43-0120)			
40 05 23 43-0122	EA 1/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	39.23 5.45	9.13
40 05 23 43-0123	EA 3/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	46.44 5.97	9.98
40 05 23 43-0124	EA 1/2" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	70.13 6.76	11.25
40 05 23 43-0125	EA 5/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	74.89 7.57	12.60
40 05 23 43-0126	EA 3/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	83.80 8.18	13.61
40 05 23 43-0127	EA 7/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	114.63 9.06	15.13
40 05 23 43-0128	EA 1" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	146.04 10.79	18.01
40 05 23 43-0129 Union Tees (40 05 23 43-0120)			
40 05 23 43-0130	EA 1/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	62.29 8.18	13.61
40 05 23 43-0131	EA 3/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	75.62 9.06	15.13
40 05 23 43-0132	EA 1/2" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	103.50 10.15	16.91
40 05 23 43-0133	EA 5/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	111.31 11.53	19.19
40 05 23 43-0134	EA 3/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	142.38 12.37	20.63
40 05 23 43-0135	EA 7/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	226.69 13.71	22.83
40 05 23 43-0136	EA 1" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	271.70 16.37	27.31
40 05 23 43-0137 Unions (40 05 23 43-0120)			
40 05 23 43-0138	EA 1/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	43.75 8.18	13.61
40 05 23 43-0139	EA 3/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	54.23 9.06	15.13
40 05 23 43-0140	EA 1/2" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	69.97 10.15	16.91
40 05 23 43-0141	EA 5/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	83.96 11.53	19.19
40 05 23 43-0142	EA 3/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	97.99 12.37	20.63
40 05 23 43-0143	EA 7/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	142.26 13.71	22.83
40 05 23 43-0144	EA 1" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	154.20 16.37	27.31
40 05 23 43-0145 Male Connectors (40 05 23 43-0120)			
40 05 23 43-0146	EA 1/4" x 1/4" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	29.16 5.45	9.13
40 05 23 43-0147	EA 3/8" x 3/8" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	36.49 5.97	9.98
40 05 23 43-0148	EA 1/2" x 1/2" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	47.37 6.76	11.25
40 05 23 43-0149	EA 5/8" x 5/8" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	53.38 7.57	12.60
40 05 23 43-0150	EA 3/4" x 3/4" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	64.58 8.18	13.61
40 05 23 43-0151	EA 7/8" x 7/8" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	97.47 9.06	15.13
40 05 23 43-0152	EA 1" x 1" Male Connector, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	101.99 10.79	18.01

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

40 05 23 43-0153	Type 316 Valves <small>(40 05 23 43-0011)</small>		
40 05 23 43-0154	Gate Valves <small>(40 05 23 43-0153)</small>		
40 05 23 43-0155	EA 1/4" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	199.26 7.39	13.61
40 05 23 43-0156	EA 3/8" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	340.83 7.78	15.98
40 05 23 43-0157	EA 1/2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	350.89 10.79	18.01
40 05 23 43-0158	EA 3/4" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	388.53 12.37	20.63
40 05 23 43-0159	EA 1" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	351.23 16.37	27.31
40 05 23 43-0160	EA 1-1/4" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	483.05 17.00	28.32
40 05 23 43-0161	EA 1-1/2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	776.93 18.51	30.86
40 05 23 43-0162	EA 2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	923.74 25.37	42.28
40 05 23 43-0163	EA 2-1/2" Gate Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,367.33 81.20	135.37
40 05 23 43-0164	Globe Valves <small>(40 05 23 43-0153)</small>		
40 05 23 43-0165	EA 1/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	202.12 7.39	13.61
40 05 23 43-0166	EA 3/8" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	130.40 7.78	15.98
40 05 23 43-0167	EA 1/2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	237.70 10.79	18.01
40 05 23 43-0168	EA 3/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	264.22 12.37	20.63
40 05 23 43-0169	EA 1" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	387.26 16.37	27.31
40 05 23 43-0170	EA 1-1/4" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	484.01 16.87	28.15
40 05 23 43-0171	EA 1-1/2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	805.54 18.51	30.86
40 05 23 43-0172	EA 2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	952.35 25.37	42.28
40 05 23 43-0173	EA 2-1/2" Globe Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,186.14 81.20	135.37
40 05 23 43-0174	Check Valves <small>(40 05 23 43-0153)</small>		
40 05 23 43-0175	EA 1/4" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	286.21 7.39	13.61
40 05 23 43-0176	EA 3/8" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	287.51 7.78	15.98
40 05 23 43-0177	EA 1/2" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	182.20 10.79	18.01
40 05 23 43-0178	EA 3/4" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	189.58 12.37	20.63
40 05 23 43-0179	EA 1" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	207.13 16.37	27.31
40 05 23 43-0180	EA 1-1/4" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	287.24 17.00	28.32
40 05 23 43-0181	EA 1-1/2" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	643.42 18.51	30.86
40 05 23 43-0182	EA 2" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	780.70 25.37	42.28
40 05 23 43-0183	EA 2-1/2" Check Valve, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	1,542.17 81.20	135.37
40 05 23 43-0184	Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined <small>(40 05 23 43-0153)</small>		
40 05 23 43-0185	EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	307.08 10.79	18.01
40 05 23 43-0186	EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	358.76 12.37	20.63
40 05 23 43-0187	EA 1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	457.48 16.37	27.31
40 05 23 43-0188	EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	730.17 18.51	30.86
40 05 23 43-0189	EA 2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined <i>For Work In Restricted Working Space, Add</i>	1,020.39 25.37	42.28
40 05 23 43-0190	Diaphragm Valves, Teflon Lined <small>(40 05 23 43-0153)</small>		
40 05 23 43-0191	EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	407.35 10.79	18.01
40 05 23 43-0192	EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	468.31 12.37	20.63
40 05 23 43-0193	EA 1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined <i>For Work In Restricted Working Space, Add</i>	567.04 16.37	27.31

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0194	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	884.28 18.51	30.86
40 05 23 43-0195	EA		2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined..... <i>For Work In Restricted Working Space, Add</i>	1,204.22 25.37	42.28
40 05 23 43-0196			Strainers <small>(40 05 23 43-0153)</small>		
40 05 23 43-0197	EA		1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	408.31 10.79	18.01
40 05 23 43-0198	EA		3/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	488.73 12.43	20.71
40 05 23 43-0199	EA		1" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	639.43 16.49	27.48
40 05 23 43-0200	EA		1-1/4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	794.57 17.00	28.32
40 05 23 43-0201	EA		1-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	997.80 18.52	30.86
40 05 23 43-0202	EA		2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,439.20 25.37	42.28
40 05 23 43-0203	EA		2-1/2" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,978.04 33.74	56.23
40 05 23 43-0204	EA		3" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,880.30 50.73	84.55
40 05 23 43-0205	EA		4" Strainer, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,684.05 81.17	135.28
40 05 23 43-0206			Plug Valves <small>(40 05 23 43-0153)</small>		
40 05 23 43-0207	EA		1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	435.23 10.79	18.01
40 05 23 43-0208	EA		3/4" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	475.97 12.37	20.63
40 05 23 43-0209	EA		1" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	536.60 16.37	27.31
40 05 23 43-0210	EA		1-1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	749.46 18.51	30.86
40 05 23 43-0211	EA		2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	974.70 25.37	42.28
40 05 23 43-0212			Cut And Prepare Existing Pipe In-Place <small>(40 05 23 43-0011)</small>		
			Note: For use when connecting pipe to an existing in-place system.		
40 05 23 43-0213	EA		Cut And Prepare 1/2" Stainless Steel Pipe.....	16.90	
40 05 23 43-0214	EA		Cut And Prepare 3/4" Stainless Steel Pipe.....	18.26	
40 05 23 43-0215	EA		Cut And Prepare 1" Stainless Steel Pipe.....	20.54	
40 05 23 43-0216	EA		Cut And Prepare 1-1/4" Stainless Steel Pipe.....	21.55	
40 05 23 43-0217	EA		Cut And Prepare 1-1/2" Stainless Steel Pipe.....	22.82	
40 05 23 43-0218	EA		Cut And Prepare 2" Stainless Steel Pipe.....	24.51	
40 05 23 43-0219	EA		Cut And Prepare 2-1/2" Stainless Steel Pipe.....	26.20	
40 05 23 43-0220	EA		Cut And Prepare 3" Stainless Steel Pipe.....	28.74	
40 05 23 43-0221	EA		Cut And Prepare 4" Stainless Steel Pipe.....	31.27	
40 05 23 43-0222	EA		Cut And Prepare 6" Stainless Steel Pipe.....	33.81	
40 05 23 43-0223	EA		Cut And Prepare 8" Stainless Steel Pipe.....	36.35	
40 05 23 43-0224	EA		Cut And Prepare 10" Stainless Steel Pipe.....	39.73	
40 05 23 43-0225	EA		Cut And Prepare 12" Stainless Steel Pipe.....	43.11	
40 05 23 43-0226	EA		Cut And Prepare 14" Stainless Steel Pipe.....	46.48	
40 05 23 43-0227	EA		Cut And Prepare 16" Stainless Steel Pipe.....	49.86	
40 05 23 43-0228	EA		Cut And Prepare 18" Stainless Steel Pipe.....	52.40	
40 05 23 43-0229	EA		Cut And Prepare 20" Stainless Steel Pipe.....	54.94	
40 05 23 43-0230	EA		Cut And Prepare 24" Stainless Steel Pipe.....	58.32	
40 05 23 43-0231			Stainless Steel Pipe And Fittings <small>(40 05 23 43)</small>		
40 05 23 43-0232			Type 304, Schedule 40 Pipe And 150 LB Threaded Fittings <small>(40 05 23 43-0231)</small>		
40 05 23 43-0233			Pipe <small>(40 05 23 43-0232)</small>		
40 05 23 43-0234	LF		1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	11.97 2.18	3.63
40 05 23 43-0235	LF		3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	14.75 2.73	4.56
40 05 23 43-0236	LF		1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	18.11 3.27	5.50
40 05 23 43-0237	LF		1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	21.71 3.82	6.34
40 05 23 43-0238	LF		1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	25.09 4.34	7.19
40 05 23 43-0239	LF		2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	32.02 5.45	9.13
40 05 23 43-0240	LF		2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	43.04 6.50	10.82
40 05 23 43-0241	LF		3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	54.11 8.18	13.61
40 05 23 43-0242	LF		4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	73.13 10.79	18.01

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0243	90 Degree Elbows (40 05 23 43-0232)		
40 05 23 43-0244	EA 1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	33.83 8.18	13.61
40 05 23 43-0245	EA 3/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	43.42 10.79	18.01
40 05 23 43-0246	EA 1" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	55.59 13.71	22.83
40 05 23 43-0247	EA 1-1/4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	77.47 18.79	31.28
40 05 23 43-0248	EA 1-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	90.39 22.06	36.78
40 05 23 43-0249	EA 2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	113.36 26.70	44.48
40 05 23 43-0250	EA 2-1/2" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	208.18 42.28	70.43
40 05 23 43-0251	EA 3" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	266.77 54.55	90.89
40 05 23 43-0252	EA 4" 90 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	391.98 67.64	112.70
40 05 23 43-0253	45 Degree Elbows (40 05 23 43-0232)		
40 05 23 43-0254	EA 1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	36.25 8.18	13.61
40 05 23 43-0255	EA 3/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	45.70 10.79	18.01
40 05 23 43-0256	EA 1" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	56.41 13.71	22.83
40 05 23 43-0257	EA 1-1/4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	76.49 18.79	31.28
40 05 23 43-0258	EA 1-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	91.44 22.06	36.78
40 05 23 43-0259	EA 2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	114.33 26.70	44.48
40 05 23 43-0260	EA 2-1/2" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	228.55 42.28	70.43
40 05 23 43-0261	EA 3" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	305.68 54.55	90.89
40 05 23 43-0262	EA 4" 45 Degree Elbow, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	449.43 67.64	112.70
40 05 23 43-0263	Tees (40 05 23 43-0232)		
40 05 23 43-0264	EA 1/2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	51.07 12.37	20.63
40 05 23 43-0265	EA 3/4" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	65.04 16.37	27.31
40 05 23 43-0266	EA 1" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	80.04 20.29	33.82
40 05 23 43-0267	EA 1-1/4" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	114.21 28.19	47.01
40 05 23 43-0268	EA 1-1/2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	131.16 31.71	52.84
40 05 23 43-0269	EA 2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	171.68 42.28	70.43
40 05 23 43-0270	EA 2-1/2" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	305.54 61.12	101.89
40 05 23 43-0271	EA 3" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	427.66 81.83	136.39
40 05 23 43-0272	EA 4" Tee, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	587.85 101.46	169.10
40 05 23 43-0273	Reducers (40 05 23 43-0232)		
40 05 23 43-0274	EA 3/4" x 1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	42.15 10.79	18.01
40 05 23 43-0275	EA 1" x 3/4" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	54.82 13.71	22.83
40 05 23 43-0276	EA 1-1/4" x 1" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	81.30 18.79	31.28
40 05 23 43-0277	EA 1-1/2" x 1-1/4" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	94.12 22.06	36.78
40 05 23 43-0278	EA 2" x 1-1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	121.11 26.70	44.48
40 05 23 43-0279	EA 2-1/2" x 2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	208.38 42.28	70.43
40 05 23 43-0280	EA 3" x 2-1/2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	254.00 54.55	90.89
40 05 23 43-0281	EA 4" x 3" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	366.33 67.64	112.70
40 05 23 43-0282	EA 4" x 2" Reducer, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	310.24 62.15	103.58
40 05 23 43-0283	Unions (40 05 23 43-0232)		
40 05 23 43-0284	EA 1/2" Union, Stainless Steel, Schedule 40 Type 304..... <i>For Work In Restricted Working Space, Add</i>	54.90 12.37	20.63

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0285	EA		3/4" Union, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	73.27 16.37	27.31
40 05 23 43-0286	EA		1" Union, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	94.82 20.29	33.82
40 05 23 43-0287	EA		1-1/4" Union, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	143.89 28.19	47.01
40 05 23 43-0288	EA		1-1/2" Union, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	164.40 31.71	52.84
40 05 23 43-0289	EA		2" Union, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	215.04 42.28	70.43
40 05 23 43-0290			Flanges (40 05 23 43-0232)		
40 05 23 43-0291	EA		2-1/2" Flange, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	200.71 42.28	70.43
40 05 23 43-0292	EA		3" Flange, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	247.02 54.55	90.89
40 05 23 43-0293	EA		4" Flange, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	319.14 67.64	112.70
40 05 23 43-0294			Caps (40 05 23 43-0232)		
40 05 23 43-0295	EA		1/2" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	16.14 4.09	6.85
40 05 23 43-0296	EA		3/4" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	21.84 5.45	9.13
40 05 23 43-0297	EA		1" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	27.92 6.76	11.25
40 05 23 43-0298	EA		1-1/4" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	46.00 9.57	15.98
40 05 23 43-0299	EA		1-1/2" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	52.24 10.79	18.01
40 05 23 43-0300	EA		2" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	66.33 13.71	22.83
40 05 23 43-0301	EA		2-1/2" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	102.60 20.29	33.82
40 05 23 43-0302	EA		3" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	137.33 26.70	44.48
40 05 23 43-0303	EA		4" Caps, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	202.07 33.82	56.40
40 05 23 43-0304			Additional Fittings (40 05 23 43-0232)		
40 05 23 43-0305	EA		1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	66.63 17.00	28.32
40 05 23 43-0306	EA		3/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	78.18 20.29	33.82
40 05 23 43-0307	EA		1" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	113.60 23.08	38.47
40 05 23 43-0308	EA		1-1/4" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	135.16 25.37	42.28
40 05 23 43-0309	EA		1-1/2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	135.16 25.37	42.28
40 05 23 43-0310	EA		2" Thread-O-Let, Stainless Steel, Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	170.43 27.90	46.50
40 05 23 43-0311			Type 304 Schedule 5 Pipe And Welded Butt Fittings (40 05 23 43-0231)		
40 05 23 43-0312			Pipe (40 05 23 43-0311)		
40 05 23 43-0313	LF		1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	13.06 2.13	3.55
40 05 23 43-0314	LF		3/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	15.52 2.60	4.33
40 05 23 43-0315	LF		1" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	18.46 3.05	5.12
40 05 23 43-0316	LF		1-1/4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	22.17 3.81	6.39
40 05 23 43-0317	LF		1-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	25.24 4.30	7.17
40 05 23 43-0318	LF		2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	31.43 5.33	8.90
40 05 23 43-0319	LF		2-1/2" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	39.33 6.09	10.17
40 05 23 43-0320	LF		3" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	45.79 6.85	11.42
40 05 23 43-0321	LF		4" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	56.36 8.11	13.56
40 05 23 43-0322	LF		6" Pipe, Stainless Steel Schedule 5 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	89.88 10.65	17.81
40 05 23 43-0323	LF		8" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	150.33 20.12	31.31
40 05 23 43-0324	LF		10" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	191.04 22.13	34.42
40 05 23 43-0325	LF		12" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	218.10 24.59	38.28
40 05 23 43-0326	LF		14" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	267.08 27.67	43.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0327 LF 16" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	294.63 31.61	49.18
40 05 23 43-0328 LF 18" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	330.81 36.88	57.38
40 05 23 43-0329 LF 20" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	439.71 44.26	68.85
40 05 23 43-0330 LF 24" Pipe, Stainless Steel Schedule 5 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	571.90 55.33	86.06
40 05 23 43-0331 90 Degree Elbows <small>(40 05 23 43-0311)</small>		
40 05 23 43-0332 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	103.37 26.95	44.92
40 05 23 43-0333 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	109.60 28.61	47.67
40 05 23 43-0334 EA 1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	120.28 31.44	52.41
40 05 23 43-0335 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	139.07 34.28	57.13
40 05 23 43-0336 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	145.45 37.79	63.05
40 05 23 43-0337 EA 2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	166.44 42.10	70.14
40 05 23 43-0338 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	216.62 53.83	89.84
40 05 23 43-0339 EA 3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	256.96 63.01	105.20
40 05 23 43-0340 EA 4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	338.37 75.49	126.09
40 05 23 43-0341 EA 6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	562.59 94.42	157.61
40 05 23 43-0342 EA 8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	948.28 158.07	245.90
40 05 23 43-0343 EA 10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,570.08 210.77	327.86
40 05 23 43-0344 EA 12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,425.95 316.15	491.79
40 05 23 43-0345 EA 14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,081.39 368.84	573.76
40 05 23 43-0346 EA 16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,817.35 420.73	655.72
40 05 23 43-0347 EA 18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,861.79 526.92	819.65
40 05 23 43-0348 EA 20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	7,947.39 737.69	1,147.51
40 05 23 43-0349 EA 24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	11,037.26 1,053.83	1,639.30
40 05 23 43-0350 45 Degree Elbows <small>(40 05 23 43-0311)</small>		
40 05 23 43-0351 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	109.31 26.95	44.92
40 05 23 43-0352 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	114.83 28.61	47.67
40 05 23 43-0353 EA 1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	126.74 31.44	52.41
40 05 23 43-0354 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	151.39 34.26	57.13
40 05 23 43-0355 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	146.05 37.84	63.05
40 05 23 43-0356 EA 2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	163.25 42.10	70.14
40 05 23 43-0357 EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	217.66 53.88	89.84
40 05 23 43-0358 EA 3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	249.44 63.15	105.20
40 05 23 43-0359 EA 4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	320.99 75.58	126.09
40 05 23 43-0360 EA 6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	463.95 94.57	157.61
40 05 23 43-0361 EA 8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	787.17 158.07	245.90
40 05 23 43-0362 EA 10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,286.80 210.77	327.86
40 05 23 43-0363 EA 12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,983.33 316.15	491.79
40 05 23 43-0364 EA 14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,461.72 368.84	573.76
40 05 23 43-0365 EA 16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,022.42 420.73	655.72
40 05 23 43-0366 EA 18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,119.96 526.92	819.65
40 05 23 43-0367 EA 20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	6,982.49 737.69	1,147.51
40 05 23 43-0368 EA 24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	9,470.39 1,053.83	1,639.30

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 43-0369		Tees (40 05 23 43-0311)		
40 05 23 43-0370	EA	1/2" Tees, Stainless Steel Schedule 5 Type 304	169.06	57.13
		For Work In Restricted Working Space, Add	34.25	
40 05 23 43-0371	EA	3/4" Tees, Stainless Steel Schedule 5 Type 304	195.05	70.14
		For Work In Restricted Working Space, Add	42.05	
40 05 23 43-0372	EA	1" Tees, Stainless Steel Schedule 5 Type 304	209.72	78.81
		For Work In Restricted Working Space, Add	47.25	
40 05 23 43-0373	EA	1-1/4" Tees, Stainless Steel Schedule 5 Type 304	269.01	89.84
		For Work In Restricted Working Space, Add	53.88	
40 05 23 43-0374	EA	1-1/2" Tees, Stainless Steel Schedule 5 Type 304	245.01	96.54
		For Work In Restricted Working Space, Add	57.83	
40 05 23 43-0375	EA	2" Tees, Stainless Steel Schedule 5 Type 304	265.14	105.20
		For Work In Restricted Working Space, Add	63.08	
40 05 23 43-0376	EA	2-1/2" Tees, Stainless Steel Schedule 5 Type 304	407.74	126.09
		For Work In Restricted Working Space, Add	75.58	
40 05 23 43-0377	EA	3" Tees, Stainless Steel Schedule 5 Type 304	417.53	157.61
		For Work In Restricted Working Space, Add	94.72	
40 05 23 43-0378	EA	4" Tees, Stainless Steel Schedule 5 Type 304	497.76	177.32
		For Work In Restricted Working Space, Add	106.31	
40 05 23 43-0379	EA	6" Tees, Stainless Steel Schedule 5 Type 304	906.22	236.43
		For Work In Restricted Working Space, Add	141.74	
40 05 23 43-0380	EA	8" Tee, Stainless Steel Schedule 5 Type 304	1,694.01	327.86
		For Work In Restricted Working Space, Add	210.77	
40 05 23 43-0381	EA	10" Tee, Stainless Steel Schedule 5 Type 304	2,611.85	491.79
		For Work In Restricted Working Space, Add	316.15	
40 05 23 43-0382	EA	12" Tee, Stainless Steel Schedule 5 Type 304	3,309.06	614.74
		For Work In Restricted Working Space, Add	395.19	
40 05 23 43-0383	EA	14" Tee, Stainless Steel Schedule 5 Type 304	4,190.91	737.68
		For Work In Restricted Working Space, Add	474.91	
40 05 23 43-0384	EA	16" Tee, Stainless Steel Schedule 5 Type 304	4,714.29	901.62
		For Work In Restricted Working Space, Add	579.34	
40 05 23 43-0385	EA	18" Tee, Stainless Steel Schedule 5 Type 304	5,778.57	1,147.51
		For Work In Restricted Working Space, Add	737.69	
40 05 23 43-0386	EA	20" Tee, Stainless Steel Schedule 5 Type 304	8,688.49	1,516.35
		For Work In Restricted Working Space, Add	970.64	
40 05 23 43-0387	EA	24" Tee, Stainless Steel Schedule 5 Type 304	13,315.22	2,295.02
		For Work In Restricted Working Space, Add	1,475.37	

40 05 23 43-0388		Reducers (40 05 23 43-0311)		
40 05 23 43-0389	EA	3/4" Reducer, Stainless Steel Schedule 5 Type 304	113.09	43.34
		For Work In Restricted Working Space, Add	26.03	
40 05 23 43-0390	EA	1" Reducer, Stainless Steel Schedule 5 Type 304	124.95	47.29
		For Work In Restricted Working Space, Add	28.36	
40 05 23 43-0391	EA	1-1/4" Reducer, Stainless Steel Schedule 5 Type 304	152.28	52.41
		For Work In Restricted Working Space, Add	31.44	
40 05 23 43-0392	EA	1-1/2" Reducer, Stainless Steel Schedule 5 Type 304	134.55	57.13
		For Work In Restricted Working Space, Add	34.26	
40 05 23 43-0393	EA	2" Reducer, Stainless Steel Schedule 5 Type 304	148.16	63.05
		For Work In Restricted Working Space, Add	37.84	
40 05 23 43-0394	EA	2-1/2" Reducer, Stainless Steel Schedule 5 Type 304	191.00	78.81
		For Work In Restricted Working Space, Add	47.28	
40 05 23 43-0395	EA	3" Reducer, Stainless Steel Schedule 5 Type 304	212.49	89.84
		For Work In Restricted Working Space, Add	53.83	
40 05 23 43-0396	EA	4" Reducer, Stainless Steel Schedule 5 Type 304	247.54	105.20
		For Work In Restricted Working Space, Add	63.08	
40 05 23 43-0397	EA	6" Reducer, Stainless Steel Schedule 5 Type 304	318.53	133.98
		For Work In Restricted Working Space, Add	80.31	
40 05 23 43-0398	EA	8" Reducer, Stainless Steel Schedule 5 Type 304	654.57	196.71
		For Work In Restricted Working Space, Add	126.46	
40 05 23 43-0399	EA	10" Reducer, Stainless Steel Schedule 5 Type 304	851.02	245.90
		For Work In Restricted Working Space, Add	158.07	
40 05 23 43-0400	EA	12" Reducer, Stainless Steel Schedule 5 Type 304	1,131.66	327.86
		For Work In Restricted Working Space, Add	210.77	
40 05 23 43-0401	EA	14" Reducer, Stainless Steel Schedule 5 Type 304	1,500.84	430.32
		For Work In Restricted Working Space, Add	276.63	
40 05 23 43-0402	EA	16" Reducer, Stainless Steel Schedule 5 Type 304	1,772.19	491.79
		For Work In Restricted Working Space, Add	315.25	
40 05 23 43-0403	EA	18" Reducer, Stainless Steel Schedule 5 Type 304	2,205.85	614.74
		For Work In Restricted Working Space, Add	395.19	
40 05 23 43-0404	EA	20" Reducer, Stainless Steel Schedule 5 Type 304	3,294.84	819.65
		For Work In Restricted Working Space, Add	526.92	
40 05 23 43-0405	EA	24" Reducer, Stainless Steel Schedule 5 Type 304	5,142.08	1,229.48
		For Work In Restricted Working Space, Add	790.38	

40 05 23 43-0406		Weld Neck Flanges (40 05 23 43-0311)		
40 05 23 43-0407	EA	1/2" Flanges, Stainless Steel Schedule 5 Type 304	63.07	18.13
		For Work In Restricted Working Space, Add	10.88	
40 05 23 43-0408	EA	3/4" Flanges, Stainless Steel Schedule 5 Type 304	66.22	19.71
		For Work In Restricted Working Space, Add	11.82	
40 05 23 43-0409	EA	1" Flanges, Stainless Steel Schedule 5 Type 304	79.63	26.40
		For Work In Restricted Working Space, Add	15.85	
40 05 23 43-0410	EA	1-1/4" Flanges, Stainless Steel Schedule 5 Type 304	88.22	27.58
		For Work In Restricted Working Space, Add	16.55	
40 05 23 43-0411	EA	1-1/2" Flanges, Stainless Steel Schedule 5 Type 304	102.37	31.52
		For Work In Restricted Working Space, Add	18.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0412 EA 2" Flanges, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	121.81 21.26	35.47
40 05 23 43-0413 EA 2-1/2" Flanges, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	164.78 27.19	45.32
40 05 23 43-0414 EA 3" Flanges, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	182.49 31.42	52.41
40 05 23 43-0415 EA 4" Flanges, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	249.97 42.55	70.93
40 05 23 43-0416 EA 6" Flanges, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	378.24 63.08	105.20
40 05 23 43-0417 EA 8" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	684.67 79.04	122.94
40 05 23 43-0418 EA 10" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,036.85 92.21	143.44
40 05 23 43-0419 EA 12" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,428.45 105.38	163.93
40 05 23 43-0420 EA 14" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,891.58 131.73	204.92
40 05 23 43-0421 EA 16" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,524.07 158.07	245.90
40 05 23 43-0422 EA 18" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,629.37 184.42	286.88
40 05 23 43-0423 EA 20" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,614.25 224.00	348.36
40 05 23 43-0424 EA 24" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	8,031.78 289.67	450.80
40 05 23 43-0425 Slip-On Flanges (40 05 23 43-0311)		
40 05 23 43-0426 EA 1/2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	106.73 23.65	39.40
40 05 23 43-0427 EA 3/4" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	110.49 23.65	39.40
40 05 23 43-0428 EA 1" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	130.92 29.09	48.47
40 05 23 43-0429 EA 1-1/4" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	144.11 31.44	52.41
40 05 23 43-0430 EA 1-1/2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	160.66 34.52	57.53
40 05 23 43-0431 EA 2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	186.73 37.79	63.05
40 05 23 43-0432 EA 2-1/2" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	229.41 42.55	70.93
40 05 23 43-0433 EA 3" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	251.32 47.25	78.81
40 05 23 43-0434 EA 4" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	342.53 63.35	105.60
40 05 23 43-0435 EA 6" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	518.45 94.42	157.61
40 05 23 43-0436 EA 8" Flange, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,476.71 158.07	245.90
40 05 23 43-0437 Caps (40 05 23 43-0311)		
40 05 23 43-0438 EA 1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	54.07 10.88	18.13
40 05 23 43-0439 EA 3/4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	59.69 11.82	19.71
40 05 23 43-0440 EA 1" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	75.13 15.61	26.01
40 05 23 43-0441 EA 1-1/4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	81.03 16.55	27.58
40 05 23 43-0442 EA 1-1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	90.78 18.92	31.52
40 05 23 43-0443 EA 2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	99.52 21.26	35.47
40 05 23 43-0444 EA 2-1/2" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	123.91 27.19	45.32
40 05 23 43-0445 EA 3" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	141.72 31.42	52.41
40 05 23 43-0446 EA 4" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	204.94 42.07	70.14
40 05 23 43-0447 EA 6" Cap, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	276.81 63.08	105.20
40 05 23 43-0448 Reducing Tees (40 05 23 43-0311)		
40 05 23 43-0449 EA 3/4" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	144.79 28.62	57.13
40 05 23 43-0450 EA 1" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	166.30 35.07	70.14
40 05 23 43-0451 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	197.48 39.41	78.81
40 05 23 43-0452 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	197.65 44.92	89.84
40 05 23 43-0453 EA 2" Reducing Tees, Stainless Steel Schedule 5 Type 304 <i>For Work In Restricted Working Space, Add</i>	215.06 48.27	96.54

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 23 Stainless Steel Process Pipe and Tubing



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 23 43-0454	EA 2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 304	310.74	105.20
	<i>For Work In Restricted Working Space, Add</i>	52.61	
40 05 23 43-0455	EA 3" Reducing Tees, Stainless Steel Schedule 5 Type 304	303.90	126.09
	<i>For Work In Restricted Working Space, Add</i>	63.05	
40 05 23 43-0456	EA 4" Reducing Tees, Stainless Steel Schedule 5 Type 304	398.08	157.61
	<i>For Work In Restricted Working Space, Add</i>	78.81	
40 05 23 43-0457	EA 6" Reducing Tees, Stainless Steel Schedule 5 Type 304	706.32	180.07
	<i>For Work In Restricted Working Space, Add</i>	90.05	
40 05 23 43-0458	EA 8" Reducing Tee, Stainless Steel Schedule 5 Type 304L	1,289.44	245.90
	<i>For Work In Restricted Working Space, Add</i>	131.73	
40 05 23 43-0459	EA 10" Reducing Tee, Stainless Steel Schedule 5 Type 304	2,064.32	327.86
	<i>For Work In Restricted Working Space, Add</i>	175.64	
40 05 23 43-0460	EA 12" Reducing Tee, Stainless Steel Schedule 5 Type 304	2,769.47	491.79
	<i>For Work In Restricted Working Space, Add</i>	263.46	
40 05 23 43-0461	EA 14" Reducing Tee, Stainless Steel Schedule 5 Type 304	3,523.28	590.97
	<i>For Work In Restricted Working Space, Add</i>	316.51	
40 05 23 43-0462	EA 16" Reducing Tee, Stainless Steel Schedule 5 Type 304	3,930.16	720.88
	<i>For Work In Restricted Working Space, Add</i>	386.09	
40 05 23 43-0463	EA 18" Reducing Tee, Stainless Steel Schedule 5 Type 304	4,794.89	918.01
	<i>For Work In Restricted Working Space, Add</i>	491.79	
40 05 23 43-0464	EA 20" Reducing Tee, Stainless Steel Schedule 5 Type 304	7,332.98	1,207.76
	<i>For Work In Restricted Working Space, Add</i>	647.09	
40 05 23 43-0465	EA 24" Reducing Tee, Stainless Steel Schedule 5 Type 304	11,251.11	1,835.20
	<i>For Work In Restricted Working Space, Add</i>	982.71	

40 05 23 43-0466 Type 304 Schedule 10 Pipe And Welded Butt Fittings (40 05 23 43-0231)

40 05 23 43-0467 Pipe (40 05 23 43-0466)

40 05 23 43-0468	LF 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	13.20	3.55
	<i>For Work In Restricted Working Space, Add</i>	2.13	
40 05 23 43-0469	LF 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	15.73	4.33
	<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 43-0470	LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	20.69	5.12
	<i>For Work In Restricted Working Space, Add</i>	3.05	
40 05 23 43-0471	LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	25.29	6.39
	<i>For Work In Restricted Working Space, Add</i>	3.81	
40 05 23 43-0472	LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	28.16	7.17
	<i>For Work In Restricted Working Space, Add</i>	4.30	
40 05 23 43-0473	LF 2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	34.83	8.90
	<i>For Work In Restricted Working Space, Add</i>	5.33	
40 05 23 43-0474	LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	41.54	10.17
	<i>For Work In Restricted Working Space, Add</i>	6.09	
40 05 23 43-0475	LF 3" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	48.88	11.42
	<i>For Work In Restricted Working Space, Add</i>	6.85	
40 05 23 43-0476	LF 4" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	61.19	13.56
	<i>For Work In Restricted Working Space, Add</i>	8.11	
40 05 23 43-0477	LF 6" Pipe, Stainless Steel Schedule 10 Type 304 For Butt Weld Fitting	88.82	17.81
	<i>For Work In Restricted Working Space, Add</i>	10.65	
40 05 23 43-0478	LF 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	148.71	31.31
	<i>For Work In Restricted Working Space, Add</i>	20.12	
40 05 23 43-0479	LF 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	188.75	34.42
	<i>For Work In Restricted Working Space, Add</i>	22.13	
40 05 23 43-0480	LF 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	225.26	38.28
	<i>For Work In Restricted Working Space, Add</i>	24.59	
40 05 23 43-0481	LF 14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	276.29	43.03
	<i>For Work In Restricted Working Space, Add</i>	27.67	
40 05 23 43-0482	LF 16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	304.59	49.18
	<i>For Work In Restricted Working Space, Add</i>	31.61	
40 05 23 43-0483	LF 18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	341.75	57.38
	<i>For Work In Restricted Working Space, Add</i>	36.88	
40 05 23 43-0484	LF 20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	472.16	68.85
	<i>For Work In Restricted Working Space, Add</i>	44.26	
40 05 23 43-0485	LF 24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting	614.96	86.06
	<i>For Work In Restricted Working Space, Add</i>	55.33	

40 05 23 43-0486 90 Degree Elbows (40 05 23 43-0466)

40 05 23 43-0487	EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	100.71	44.92
	<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-0488	EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	106.23	47.67
	<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-0489	EA 1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	115.69	52.41
	<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-0490	EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	130.14	57.13
	<i>For Work In Restricted Working Space, Add</i>	34.29	
40 05 23 43-0491	EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	146.23	63.05
	<i>For Work In Restricted Working Space, Add</i>	37.80	
40 05 23 43-0492	EA 2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	161.60	70.14
	<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-0493	EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	209.58	89.84
	<i>For Work In Restricted Working Space, Add</i>	53.84	
40 05 23 43-0494	EA 3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	248.08	105.20
	<i>For Work In Restricted Working Space, Add</i>	63.04	
40 05 23 43-0495	EA 4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	322.62	126.09
	<i>For Work In Restricted Working Space, Add</i>	75.53	
40 05 23 43-0496	EA 6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304	516.96	157.61
	<i>For Work In Restricted Working Space, Add</i>	94.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0497 EA 8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	988.67 158.07	245.90
40 05 23 43-0498 EA 10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,559.18 210.77	327.86
40 05 23 43-0499 EA 12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,397.70 316.15	491.79
40 05 23 43-0500 EA 14" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,046.88 368.84	573.76
40 05 23 43-0501 EA 16" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,771.77 420.73	655.72
40 05 23 43-0502 EA 18" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,799.67 526.92	819.65
40 05 23 43-0503 EA 20" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	7,850.08 737.69	1,147.51
40 05 23 43-0504 EA 24" 90 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	10,894.54 1,053.83	1,639.30
40 05 23 43-0505 45 Degree Elbows <small>(40 05 23 43-0466)</small>		
40 05 23 43-0506 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	105.17 26.95	44.92
40 05 23 43-0507 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	110.69 28.61	47.67
40 05 23 43-0508 EA 1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	120.15 31.44	52.41
40 05 23 43-0509 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	131.39 34.27	57.13
40 05 23 43-0510 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	143.68 37.84	63.05
40 05 23 43-0511 EA 2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	169.53 42.11	70.14
40 05 23 43-0512 EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	209.03 53.88	89.84
40 05 23 43-0513 EA 3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	241.05 63.12	105.20
40 05 23 43-0514 EA 4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	305.94 75.60	126.09
40 05 23 43-0515 EA 6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	430.47 94.57	157.61
40 05 23 43-0516 EA 8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	879.59 158.07	245.90
40 05 23 43-0517 EA 10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,283.53 210.77	327.86
40 05 23 43-0518 EA 12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,980.55 316.15	491.79
40 05 23 43-0519 EA 14" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	2,458.07 368.84	573.76
40 05 23 43-0520 EA 16" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,017.15 420.73	655.72
40 05 23 43-0521 EA 18" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,113.04 526.92	819.65
40 05 23 43-0522 EA 20" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	6,973.12 737.69	1,147.51
40 05 23 43-0523 EA 24" 45 Degree Elbow, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	9,450.90 1,053.83	1,639.30
40 05 23 43-0524 Tees <small>(40 05 23 43-0466)</small>		
40 05 23 43-0525 EA 1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	150.67 34.25	57.13
40 05 23 43-0526 EA 3/4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	176.66 42.05	70.14
40 05 23 43-0527 EA 1" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	193.98 47.25	78.81
40 05 23 43-0528 EA 1-1/4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	219.82 53.90	89.84
40 05 23 43-0529 EA 1-1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	234.20 57.86	96.54
40 05 23 43-0530 EA 2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	274.74 63.08	105.20
40 05 23 43-0531 EA 2-1/2" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	331.06 75.60	126.09
40 05 23 43-0532 EA 3" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	427.53 94.69	157.61
40 05 23 43-0533 EA 4" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	475.92 106.29	177.32
40 05 23 43-0534 EA 6" Tees, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	810.92 141.84	236.43
40 05 23 43-0535 EA 8" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,349.17 210.77	327.86
40 05 23 43-0536 EA 10" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	1,982.61 316.15	491.79
40 05 23 43-0537 EA 12" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	3,329.61 395.19	614.74
40 05 23 43-0538 EA 14" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,219.68 474.91	737.68
40 05 23 43-0539 EA 16" Tee, Stainless Steel Schedule 10 Type 304..... <i>For Work In Restricted Working Space, Add</i>	4,743.21 579.34	901.62

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0540	EA		18" Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	5,812.82 737.69	1,147.51
40 05 23 43-0541	EA		20" Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	8,745.30 970.64	1,516.35
40 05 23 43-0542	EA		24" Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	13,402.25 1,475.37	2,295.02
40 05 23 43-0543 Reducers (40 05 23 43-0466)					
40 05 23 43-0544	EA		3/4" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	114.48 26.03	43.34
40 05 23 43-0545	EA		1" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	126.57 28.37	47.29
40 05 23 43-0546	EA		1-1/4" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	154.80 31.44	52.41
40 05 23 43-0547	EA		1-1/2" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	135.60 34.26	57.13
40 05 23 43-0548	EA		2" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	149.29 37.83	63.05
40 05 23 43-0549	EA		2-1/2" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	192.74 47.28	78.81
40 05 23 43-0550	EA		3" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	214.25 53.84	89.84
40 05 23 43-0551	EA		4" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	249.50 63.08	105.20
40 05 23 43-0552	EA		6" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	321.23 80.32	133.98
40 05 23 43-0553	EA		8" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	666.84 126.46	196.71
40 05 23 43-0554	EA		10" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	868.07 158.07	245.90
40 05 23 43-0555	EA		12" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,154.24 210.77	327.86
40 05 23 43-0556	EA		14" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,531.30 276.63	430.32
40 05 23 43-0557	EA		16" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,811.06 315.52	491.79
40 05 23 43-0558	EA		18" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,252.62 395.19	614.74
40 05 23 43-0559	EA		20" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,375.82 526.92	819.65
40 05 23 43-0560	EA		24" Reducer, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	5,274.05 790.38	1,229.48
40 05 23 43-0561 Flanges (40 05 23 43-0466)					
40 05 23 43-0562	EA		1/2" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	64.48 10.88	18.13
40 05 23 43-0563	EA		3/4" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	67.63 11.82	19.71
40 05 23 43-0564	EA		1" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	81.04 15.85	26.40
40 05 23 43-0565	EA		1-1/4" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	89.96 16.55	27.58
40 05 23 43-0566	EA		1-1/2" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	104.44 18.92	31.52
40 05 23 43-0567	EA		2" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	124.50 21.26	35.47
40 05 23 43-0568	EA		2-1/2" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	168.70 27.19	45.32
40 05 23 43-0569	EA		3" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	186.57 31.42	52.41
40 05 23 43-0570	EA		4" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	255.68 42.56	70.93
40 05 23 43-0571	EA		6" Flanges, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	387.05 63.07	105.20
40 05 23 43-0572	EA		8" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	706.83 79.04	122.94
40 05 23 43-0573	EA		10" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,075.24 92.21	143.44
40 05 23 43-0574	EA		12" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,485.15 105.38	163.93
40 05 23 43-0575	EA		14" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,968.03 131.73	204.92
40 05 23 43-0576	EA		16" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,629.19 158.07	245.90
40 05 23 43-0577	EA		18" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,735.41 184.42	286.88
40 05 23 43-0578	EA		20" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,765.17 224.00	348.36
40 05 23 43-0579	EA		24" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	8,403.68 289.67	450.80
40 05 23 43-0580 Slip-On Flanges (40 05 23 43-0466)					
40 05 23 43-0581	EA		1/2" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	108.20 23.65	39.40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0582 EA 3/4" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	112.16 23.65	39.40
40 05 23 43-0583 EA 1" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	132.70 29.09	48.47
40 05 23 43-0584 EA 1-1/4" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	146.18 31.44	52.41
40 05 23 43-0585 EA 1-1/2" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	163.05 34.52	57.53
40 05 23 43-0586 EA 2" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	189.97 37.80	63.05
40 05 23 43-0587 EA 2-1/2" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	234.04 42.56	70.93
40 05 23 43-0588 EA 3" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	256.27 47.25	78.81
40 05 23 43-0589 EA 4" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	349.48 63.36	105.60
40 05 23 43-0590 EA 6" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	529.38 94.48	157.61
40 05 23 43-0591 EA 8" Flange, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,526.70 158.07	245.90
40 05 23 43-0592 Caps (40 05 23 43-0466)		
40 05 23 43-0593 EA 1/2" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	55.01 10.88	18.13
40 05 23 43-0594 EA 3/4" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	60.76 11.82	19.71
40 05 23 43-0595 EA 1" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	76.35 15.61	26.01
40 05 23 43-0596 EA 1-1/4" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	82.39 16.55	27.58
40 05 23 43-0597 EA 1-1/2" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	92.25 18.92	31.52
40 05 23 43-0598 EA 2" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	101.04 21.26	35.47
40 05 23 43-0599 EA 2-1/2" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	125.67 27.19	45.32
40 05 23 43-0600 EA 3" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	143.65 31.42	52.41
40 05 23 43-0601 EA 4" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	208.39 42.08	70.14
40 05 23 43-0602 EA 6" Cap, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	280.28 63.07	105.20
40 05 23 43-0603 Reducing Tees (40 05 23 43-0466)		
40 05 23 43-0604 EA 3/4" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	148.70 28.62	57.13
40 05 23 43-0605 EA 1" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	183.63 35.07	70.14
40 05 23 43-0606 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	204.83 39.41	78.81
40 05 23 43-0607 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	229.97 44.92	89.84
40 05 23 43-0608 EA 2" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	255.08 48.27	96.54
40 05 23 43-0609 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	364.31 52.61	105.20
40 05 23 43-0610 EA 3" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	373.67 63.05	126.09
40 05 23 43-0611 EA 4" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	462.90 78.81	157.61
40 05 23 43-0612 EA 6" Reducing Tees, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	794.20 90.05	180.07
40 05 23 43-0613 EA 8" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,383.92 131.73	245.90
40 05 23 43-0614 EA 10" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,909.98 175.64	327.86
40 05 23 43-0615 EA 12" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,818.54 263.46	491.79
40 05 23 43-0616 EA 14" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,907.64 316.51	590.97
40 05 23 43-0617 EA 16" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	5,395.90 386.09	720.88
40 05 23 43-0618 EA 18" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	6,539.87 491.79	918.01
40 05 23 43-0619 EA 20" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	8,686.03 647.09	1,207.92
40 05 23 43-0620 EA 24" Reducing Tee, Stainless Steel Schedule 10 Type 304 <i>For Work In Restricted Working Space, Add</i>	13,009.73 982.71	1,835.03
40 05 23 43-0621 Type 304 Schedule 40 Pipe And Welded Butt Fittings (40 05 23 43-0231)		
40 05 23 43-0622 Pipe (40 05 23 43-0621)		
40 05 23 43-0623 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	14.70 2.13	3.55

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 43-0624	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting.....	17.86	4.33
		<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 43-0625	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	21.83	5.12
		<i>For Work In Restricted Working Space, Add</i>	3.05	
40 05 23 43-0626	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	27.29	6.30
		<i>For Work In Restricted Working Space, Add</i>	3.81	
40 05 23 43-0627	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	31.41	7.09
		<i>For Work In Restricted Working Space, Add</i>	4.30	
40 05 23 43-0628	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	40.18	9.07
		<i>For Work In Restricted Working Space, Add</i>	5.33	
40 05 23 43-0629	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	49.70	10.24
		<i>For Work In Restricted Working Space, Add</i>	6.09	
40 05 23 43-0630	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	48.73	11.42
		<i>For Work In Restricted Working Space, Add</i>	6.85	
40 05 23 43-0631	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	79.39	13.39
		<i>For Work In Restricted Working Space, Add</i>	8.11	
40 05 23 43-0632	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Butt Weld Fitting	122.98	17.73
		<i>For Work In Restricted Working Space, Add</i>	10.65	
40 05 23 43-0633	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	217.03	31.15
		<i>For Work In Restricted Working Space, Add</i>	20.12	
40 05 23 43-0634	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	273.73	34.42
		<i>For Work In Restricted Working Space, Add</i>	22.13	
40 05 23 43-0635	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting	340.24	38.11
		<i>For Work In Restricted Working Space, Add</i>	24.59	
40 05 23 43-0636		90 Degree Elbows <small>(40 05 23 43-0621)</small>		
40 05 23 43-0637	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	105.59	44.92
		<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-0638	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	111.11	47.67
		<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-0639	EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	122.69	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-0640	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	141.04	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.29	
40 05 23 43-0641	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	148.30	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.80	
40 05 23 43-0642	EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	170.09	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-0643	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	241.45	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.84	
40 05 23 43-0644	EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	294.23	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.04	
40 05 23 43-0645	EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	400.50	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.53	
40 05 23 43-0646	EA	6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	810.31	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.37	
40 05 23 43-0647	EA	8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	1,359.03	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-0648	EA	10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	2,464.16	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-0649	EA	12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	3,488.23	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-0650		45 Degree <small>(40 05 23 43-0621)</small>		
40 05 23 43-0651	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	112.14	44.92
		<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-0652	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	117.66	47.67
		<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-0653	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	127.12	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-0654	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	136.54	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.27	
40 05 23 43-0655	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	155.88	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.84	
40 05 23 43-0656	EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	171.60	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-0657	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	238.92	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.88	
40 05 23 43-0658	EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	269.71	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.12	
40 05 23 43-0659	EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	356.46	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.60	
40 05 23 43-0660	EA	6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	612.67	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.57	
40 05 23 43-0661	EA	8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	1,075.75	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-0662	EA	10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	1,755.98	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-0663	EA	12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 304.....	2,417.10	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-0664		Tees <small>(40 05 23 43-0621)</small>		
40 05 23 43-0665	EA	1/2" Tees, Stainless Steel Schedule 40 Type 304.....	166.41	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0666 EA 3/4" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	192.40 42.05	70.14
40 05 23 43-0667 EA 1" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	209.72 47.25	78.81
40 05 23 43-0668 EA 1-1/4" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	263.78 53.90	89.84
40 05 23 43-0669 EA 1-1/2" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	245.08 57.86	96.54
40 05 23 43-0670 EA 2" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	265.16 63.08	105.20
40 05 23 43-0671 EA 2-1/2" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	400.72 75.60	126.09
40 05 23 43-0672 EA 3" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	434.25 94.69	157.61
40 05 23 43-0673 EA 4" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	515.40 106.29	177.32
40 05 23 43-0674 EA 6" Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	956.14 141.84	236.43
40 05 23 43-0675 EA 8" Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,003.84 210.77	327.86
40 05 23 43-0676 EA 10" Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,532.49 316.15	491.79
40 05 23 43-0677 EA 12" Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,415.60 395.19	614.74
40 05 23 43-0678 Reducers (40 05 23 43-0621)		
40 05 23 43-0679 EA 3/4" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	117.81 26.03	43.34
40 05 23 43-0680 EA 1" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	130.40 28.36	47.29
40 05 23 43-0681 EA 1-1/4" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	160.78 31.44	52.41
40 05 23 43-0682 EA 1-1/2" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	138.19 34.26	57.13
40 05 23 43-0683 EA 2" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	152.10 37.84	63.05
40 05 23 43-0684 EA 2-1/2" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	196.98 47.28	78.81
40 05 23 43-0685 EA 3" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	218.40 53.83	89.84
40 05 23 43-0686 EA 4" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	254.21 63.08	105.20
40 05 23 43-0687 EA 6" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	327.63 80.31	133.98
40 05 23 43-0688 EA 8" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	696.27 126.46	196.71
40 05 23 43-0689 EA 10" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	909.01 158.07	245.90
40 05 23 43-0690 EA 12" Reducer, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,208.45 210.77	327.86
40 05 23 43-0691 Flanges (40 05 23 43-0621)		
40 05 23 43-0692 EA 1/2" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	67.86 10.88	18.13
40 05 23 43-0693 EA 3/4" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	71.01 11.82	19.71
40 05 23 43-0694 EA 1" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	84.42 15.85	26.40
40 05 23 43-0695 EA 1-1/4" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	94.14 16.55	27.58
40 05 23 43-0696 EA 1-1/2" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	109.40 18.92	31.52
40 05 23 43-0697 EA 2" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	130.94 21.26	35.47
40 05 23 43-0698 EA 2-1/2" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	178.06 27.19	45.32
40 05 23 43-0699 EA 3" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	196.39 31.42	52.41
40 05 23 43-0700 EA 4" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	269.34 42.56	70.93
40 05 23 43-0701 EA 6" Flanges, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	408.26 63.07	105.20
40 05 23 43-0702 EA 8" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	760.04 79.04	122.94
40 05 23 43-0703 EA 10" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,167.39 92.21	143.44
40 05 23 43-0704 EA 12" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,621.21 105.38	163.93
40 05 23 43-0705 Slip-On Flanges (40 05 23 43-0621)		
40 05 23 43-0706 EA 1/2" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	111.72 23.65	39.40
40 05 23 43-0707 EA 3/4" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	116.16 23.65	39.40

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 43-0708	EA 1" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	136.99 29.09	48.47
40 05 23 43-0709	EA 1-1/4" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	151.14 31.44	52.41
40 05 23 43-0710	EA 1-1/2" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	168.81 34.52	57.53
40 05 23 43-0711	EA 2" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	197.64 37.80	63.05
40 05 23 43-0712	EA 2-1/2" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	245.10 42.56	70.93
40 05 23 43-0713	EA 3" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	268.12 47.25	78.81
40 05 23 43-0714	EA 4" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	366.08 63.36	105.60
40 05 23 43-0715	EA 6" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	555.11 94.48	157.61
40 05 23 43-0716	EA 8" Flange, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	1,646.68 158.07	245.90
40 05 23 43-0717 Caps (40 05 23 43-0621)			
40 05 23 43-0718	EA 1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	57.26 10.88	18.13
40 05 23 43-0719	EA 3/4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	63.32 11.82	19.71
40 05 23 43-0720	EA 1" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	79.27 15.61	26.01
40 05 23 43-0721	EA 1-1/4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	85.66 16.55	27.58
40 05 23 43-0722	EA 1-1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	95.75 18.92	31.52
40 05 23 43-0723	EA 2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	104.66 21.26	35.47
40 05 23 43-0724	EA 2-1/2" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	129.87 27.19	45.32
40 05 23 43-0725	EA 3" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	148.32 31.42	52.41
40 05 23 43-0726	EA 4" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	216.56 42.08	70.14
40 05 23 43-0727	EA 6" Cap, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	288.68 63.07	105.20
40 05 23 43-0728 Reducing Tees (40 05 23 43-0621)			
40 05 23 43-0729	EA 1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	152.58 28.54	57.13
40 05 23 43-0730	EA 3/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	174.22 35.03	70.14
40 05 23 43-0731	EA 1" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	188.69 39.37	78.81
40 05 23 43-0732	EA 1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	242.17 44.90	89.84
40 05 23 43-0733	EA 1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	218.10 48.20	96.54
40 05 23 43-0734	EA 2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	235.59 52.57	105.20
40 05 23 43-0735	EA 2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	373.54 62.99	126.09
40 05 23 43-0736	EA 3" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	393.59 78.93	157.61
40 05 23 43-0737	EA 4" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	472.51 88.59	177.32
40 05 23 43-0738	EA 6" Reducing Tees, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	925.39 118.12	236.43
40 05 23 43-0739	EA 8" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	2,016.88 175.64	327.86
40 05 23 43-0740	EA 10" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	3,604.72 263.46	491.79
40 05 23 43-0741	EA 12" Reducing Tee, Stainless Steel Schedule 40 Type 304 <i>For Work In Restricted Working Space, Add</i>	4,505.89 329.32	614.74
40 05 23 43-0742 Type 316, Schedule 40 Pipe And 150 LB Threaded Fittings (40 05 23 43-0231)			
40 05 23 43-0743 Pipe (40 05 23 43-0742)			
40 05 23 43-0744	LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	14.47 2.18	3.63
40 05 23 43-0745	LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	17.21 2.73	4.56
40 05 23 43-0746	LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	21.64 3.27	5.50
40 05 23 43-0747	LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	26.33 3.82	6.34
40 05 23 43-0748	LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	30.56 4.34	7.19
40 05 23 43-0749	LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	39.34 5.45	9.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0750 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	53.28 6.50	10.82
40 05 23 43-0751 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	69.38 8.18	13.61
40 05 23 43-0752 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	93.00 10.79	18.01
40 05 23 43-0753 90 Degree Elbows <small>(40 05 23 43-0742)</small>		
40 05 23 43-0754 EA 1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	38.17 8.18	13.61
40 05 23 43-0755 EA 3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	49.69 10.79	18.01
40 05 23 43-0756 EA 1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	61.81 13.71	22.83
40 05 23 43-0757 EA 1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	89.19 18.79	31.28
40 05 23 43-0758 EA 1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	101.57 22.06	36.78
40 05 23 43-0759 EA 2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	132.54 26.70	44.48
40 05 23 43-0760 EA 2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	246.63 42.28	70.43
40 05 23 43-0761 EA 3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	322.34 54.53	90.89
40 05 23 43-0762 EA 4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	492.71 67.61	112.70
40 05 23 43-0763 45 Degree Elbows <small>(40 05 23 43-0742)</small>		
40 05 23 43-0764 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	42.01 8.18	13.61
40 05 23 43-0765 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	54.15 10.79	18.01
40 05 23 43-0766 EA 1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	64.05 13.71	22.83
40 05 23 43-0767 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	86.93 18.79	31.28
40 05 23 43-0768 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	102.72 22.06	36.78
40 05 23 43-0769 EA 2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	131.58 26.70	44.48
40 05 23 43-0770 EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	279.85 42.28	70.43
40 05 23 43-0771 EA 3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	385.99 54.55	90.89
40 05 23 43-0772 EA 4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	594.30 67.64	112.70
40 05 23 43-0773 Tees <small>(40 05 23 43-0742)</small>		
40 05 23 43-0774 EA 1/2" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	56.66 12.37	20.63
40 05 23 43-0775 EA 3/4" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	73.59 16.37	27.31
40 05 23 43-0776 EA 1" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	87.71 20.29	33.82
40 05 23 43-0777 EA 1-1/4" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	129.62 28.19	47.01
40 05 23 43-0778 EA 1-1/2" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	147.40 31.71	52.84
40 05 23 43-0779 EA 2" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	197.55 42.28	70.43
40 05 23 43-0780 EA 2-1/2" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	369.65 61.12	101.89
40 05 23 43-0781 EA 3" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	528.21 81.83	136.39
40 05 23 43-0782 EA 4" Tee, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	751.68 101.46	169.10
40 05 23 43-0783 Reducers <small>(40 05 23 43-0742)</small>		
40 05 23 43-0784 EA 3/4" x 1/2" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	46.12 10.79	18.01
40 05 23 43-0785 EA 1" x 3/4" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	62.15 13.71	22.83
40 05 23 43-0786 EA 1-1/4" x 1" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	87.62 18.79	31.28
40 05 23 43-0787 EA 1-1/2" x 1-1/4" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	105.42 22.06	36.78
40 05 23 43-0788 EA 2" x 1-1/2" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	134.62 26.70	44.48
40 05 23 43-0789 EA 2-1/2" x 2" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	248.53 42.28	70.43
40 05 23 43-0790 EA 3" x 2-1/2" Reducer, Stainless Steel Schedule 40 Type 316 <i>For Work In Restricted Working Space, Add</i>	328.54 54.55	90.89

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0791	EA		4" x 3" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	454.11 67.64	112.70
40 05 23 43-0792			Unions (40 05 23 43-0742)		
40 05 23 43-0793	EA		1/2" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	62.98 12.37	20.63
40 05 23 43-0794	EA		3/4" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	82.26 16.37	27.31
40 05 23 43-0795	EA		1" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	111.89 20.29	33.82
40 05 23 43-0796	EA		1-1/4" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	173.00 28.19	47.01
40 05 23 43-0797	EA		1-1/2" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	200.46 31.71	52.84
40 05 23 43-0798	EA		2" Union, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	266.12 42.28	70.43
40 05 23 43-0799			Flanges (40 05 23 43-0742)		
40 05 23 43-0800	EA		2-1/2" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	247.61 42.28	70.43
40 05 23 43-0801	EA		3" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	300.40 54.55	90.89
40 05 23 43-0802	EA		4" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	394.67 67.64	112.70
40 05 23 43-0803			Caps (40 05 23 43-0742)		
40 05 23 43-0804	EA		1/2" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	17.57 4.09	6.85
40 05 23 43-0805	EA		3/4" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	23.92 5.45	9.13
40 05 23 43-0806	EA		1" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	30.96 6.76	11.25
40 05 23 43-0807	EA		1-1/4" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	53.97 9.57	15.98
40 05 23 43-0808	EA		1-1/2" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	61.47 10.79	18.01
40 05 23 43-0809	EA		2" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	78.01 13.71	22.83
40 05 23 43-0810	EA		2-1/2" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	119.67 20.29	33.82
40 05 23 43-0811	EA		3" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	160.89 26.70	44.48
40 05 23 43-0812	EA		4" Cap, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	245.62 33.82	56.40
40 05 23 43-0813			Type 316 Schedule 5 Pipe And Welded Butt Fittings (40 05 23 43-0231)		
40 05 23 43-0814			Pipe (40 05 23 43-0813)		
40 05 23 43-0815	LF		1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	15.20 2.13	3.55
40 05 23 43-0816	LF		3/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	17.99 2.60	4.33
40 05 23 43-0817	LF		1" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	21.44 3.05	5.12
40 05 23 43-0818	LF		1-1/4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	25.57 3.81	6.39
40 05 23 43-0819	LF		1-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	29.17 4.30	7.17
40 05 23 43-0820	LF		2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	36.36 5.33	8.90
40 05 23 43-0821	LF		2-1/2" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	46.18 6.09	10.17
40 05 23 43-0822	LF		3" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	54.06 6.85	11.42
40 05 23 43-0823	LF		4" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	66.91 8.11	13.56
40 05 23 43-0824	LF		6" Pipe, Stainless Steel Schedule 5 Type 316 For Butt Weld Fitting..... <i>For Work In Restricted Working Space, Add</i>	109.46 10.65	17.81
40 05 23 43-0825	LF		8" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	180.31 20.12	31.31
40 05 23 43-0826	LF		10" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	233.24 22.13	34.42
40 05 23 43-0827	LF		12" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	267.10 24.59	38.28
40 05 23 43-0828	LF		14" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	330.01 27.67	43.03
40 05 23 43-0829	LF		16" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	362.75 31.61	49.18
40 05 23 43-0830	LF		18" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	405.63 36.88	57.38
40 05 23 43-0831	LF		20" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	544.86 44.26	68.85
40 05 23 43-0832	LF		24" Pipe, Stainless Steel Schedule 5 Type 316 For Welded Butt Fitting..... <i>For Work In Restricted Working Space, Add</i>	711.36 55.33	86.06

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0833		90 Degree Elbows <small>(40 05 23 43-0813)</small>		
40 05 23 43-0834	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	107.75 26.95	44.92
40 05 23 43-0835	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	114.20 28.61	47.67
40 05 23 43-0836	EA	1" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	125.28 31.44	52.41
40 05 23 43-0837	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	147.07 34.28	57.13
40 05 23 43-0838	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	151.73 37.79	63.05
40 05 23 43-0839	EA	2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	174.87 42.10	70.14
40 05 23 43-0840	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	228.62 53.83	89.84
40 05 23 43-0841	EA	3" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	272.11 63.01	105.20
40 05 23 43-0842	EA	4" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	366.38 75.49	126.09
40 05 23 43-0843	EA	6" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	642.61 94.42	157.61
40 05 23 43-0844	EA	8" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,084.33 158.07	245.90
40 05 23 43-0845	EA	10" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,850.18 210.77	327.86
40 05 23 43-0846	EA	12" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,364.23 316.15	491.79
40 05 23 43-0847	EA	14" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,679.32 368.84	573.76
40 05 23 43-0848	EA	16" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,597.07 420.73	655.72
40 05 23 43-0849	EA	18" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,864.44 526.92	819.65
40 05 23 43-0850	EA	20" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	9,719.47 737.69	1,147.51
40 05 23 43-0851	EA	24" 90 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	13,466.72 1,053.83	1,639.30
40 05 23 43-0852		45 Degree Elbows <small>(40 05 23 43-0813)</small>		
40 05 23 43-0853	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	115.59 26.95	44.92
40 05 23 43-0854	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	121.11 28.61	47.67
40 05 23 43-0855	EA	1" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	133.83 31.44	52.41
40 05 23 43-0856	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	163.39 34.26	57.13
40 05 23 43-0857	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	152.48 37.84	63.05
40 05 23 43-0858	EA	2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	170.65 42.10	70.14
40 05 23 43-0859	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	229.96 53.88	89.84
40 05 23 43-0860	EA	3" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	262.02 63.15	105.20
40 05 23 43-0861	EA	4" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	343.28 75.58	126.09
40 05 23 43-0862	EA	6" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	511.97 94.57	157.61
40 05 23 43-0863	EA	8" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	871.20 158.07	245.90
40 05 23 43-0864	EA	10" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,475.44 210.77	327.86
40 05 23 43-0865	EA	12" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,283.44 316.15	491.79
40 05 23 43-0866	EA	14" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,859.58 368.84	573.76
40 05 23 43-0867	EA	16" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,545.46 420.73	655.72
40 05 23 43-0868	EA	18" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,883.10 526.92	819.65
40 05 23 43-0869	EA	20" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	8,443.03 737.69	1,147.51
40 05 23 43-0870	EA	24" 45 Degree Elbow, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	11,393.96 1,053.83	1,639.30
40 05 23 43-0871		Tees <small>(40 05 23 43-0813)</small>		
40 05 23 43-0872	EA	1/2" Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	186.79 34.25	57.13
40 05 23 43-0873	EA	3/4" Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	212.78 42.05	70.14
40 05 23 43-0874	EA	1" Tees, Stainless Steel Schedule 5 Type 316..... <i>For Work In Restricted Working Space, Add</i>	226.58 47.25	78.81

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 43-0875	EA	1-1/4" Tees, Stainless Steel Schedule 5 Type 316	297.88	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.88	
40 05 23 43-0876	EA	1-1/2" Tees, Stainless Steel Schedule 5 Type 316	261.87	96.54
		<i>For Work In Restricted Working Space, Add</i>	57.83	
40 05 23 43-0877	EA	2" Tees, Stainless Steel Schedule 5 Type 316	282.87	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.08	
40 05 23 43-0878	EA	2-1/2" Tees, Stainless Steel Schedule 5 Type 316	458.05	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.58	
40 05 23 43-0879	EA	3" Tees, Stainless Steel Schedule 5 Type 316	450.40	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.72	
40 05 23 43-0880	EA	4" Tees, Stainless Steel Schedule 5 Type 316	544.06	177.32
		<i>For Work In Restricted Working Space, Add</i>	106.31	
40 05 23 43-0881	EA	6" Tees, Stainless Steel Schedule 5 Type 316	1,046.28	236.43
		<i>For Work In Restricted Working Space, Add</i>	141.74	
40 05 23 43-0882	EA	8" Tee, Stainless Steel Schedule 5 Type 316	2,014.13	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-0883	EA	10" Tee, Stainless Steel Schedule 5 Type 316	3,114.89	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-0884	EA	12" Tee, Stainless Steel Schedule 5 Type 316	3,952.16	614.74
		<i>For Work In Restricted Working Space, Add</i>	395.19	
40 05 23 43-0885	EA	14" Tee, Stainless Steel Schedule 5 Type 316	5,032.94	737.68
		<i>For Work In Restricted Working Space, Add</i>	474.91	
40 05 23 43-0886	EA	16" Tee, Stainless Steel Schedule 5 Type 316	5,612.91	901.62
		<i>For Work In Restricted Working Space, Add</i>	579.34	
40 05 23 43-0887	EA	18" Tee, Stainless Steel Schedule 5 Type 316	6,850.39	1,147.51
		<i>For Work In Restricted Working Space, Add</i>	737.69	
40 05 23 43-0888	EA	20" Tee, Stainless Steel Schedule 5 Type 316	10,449.14	1,516.35
		<i>For Work In Restricted Working Space, Add</i>	970.64	
40 05 23 43-0889	EA	24" Tee, Stainless Steel Schedule 5 Type 316	16,026.50	2,295.02
		<i>For Work In Restricted Working Space, Add</i>	1,475.37	

40 05 23 43-0890 Reducers (40 05 23 43-0813)

40 05 23 43-0891	EA	3/4" Reducer, Stainless Steel Schedule 5 Type 316	121.60	43.34
		<i>For Work In Restricted Working Space, Add</i>	26.03	
40 05 23 43-0892	EA	1" Reducer, Stainless Steel Schedule 5 Type 316	134.78	47.29
		<i>For Work In Restricted Working Space, Add</i>	28.36	
40 05 23 43-0893	EA	1-1/4" Reducer, Stainless Steel Schedule 5 Type 316	167.61	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-0894	EA	1-1/2" Reducer, Stainless Steel Schedule 5 Type 316	141.11	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.26	
40 05 23 43-0895	EA	2" Reducer, Stainless Steel Schedule 5 Type 316	155.27	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.84	
40 05 23 43-0896	EA	2-1/2" Reducer, Stainless Steel Schedule 5 Type 316	201.78	78.81
		<i>For Work In Restricted Working Space, Add</i>	47.28	
40 05 23 43-0897	EA	3" Reducer, Stainless Steel Schedule 5 Type 316	223.15	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.83	
40 05 23 43-0898	EA	4" Reducer, Stainless Steel Schedule 5 Type 316	259.58	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.08	
40 05 23 43-0899	EA	6" Reducer, Stainless Steel Schedule 5 Type 316	334.94	133.98
		<i>For Work In Restricted Working Space, Add</i>	80.31	
40 05 23 43-0900	EA	8" Reducer, Stainless Steel Schedule 5 Type 316	729.81	196.71
		<i>For Work In Restricted Working Space, Add</i>	126.46	
40 05 23 43-0901	EA	10" Reducer, Stainless Steel Schedule 5 Type 316	955.66	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-0902	EA	12" Reducer, Stainless Steel Schedule 5 Type 316	1,270.21	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-0903	EA	14" Reducer, Stainless Steel Schedule 5 Type 316	1,687.70	430.32
		<i>For Work In Restricted Working Space, Add</i>	276.63	
40 05 23 43-0904	EA	16" Reducer, Stainless Steel Schedule 5 Type 316	2,005.10	491.79
		<i>For Work In Restricted Working Space, Add</i>	315.25	
40 05 23 43-0905	EA	18" Reducer, Stainless Steel Schedule 5 Type 316	2,492.74	614.74
		<i>For Work In Restricted Working Space, Add</i>	395.19	
40 05 23 43-0906	EA	20" Reducer, Stainless Steel Schedule 5 Type 316	3,791.57	819.65
		<i>For Work In Restricted Working Space, Add</i>	526.92	
40 05 23 43-0907	EA	24" Reducer, Stainless Steel Schedule 5 Type 316	5,951.68	1,229.48
		<i>For Work In Restricted Working Space, Add</i>	790.38	

40 05 23 43-0908 Weld Neck Flanges (40 05 23 43-0813)

40 05 23 43-0909	EA	1/2" Flanges, Stainless Steel Schedule 5 Type 316	70.30	18.13
		<i>For Work In Restricted Working Space, Add</i>	10.88	
40 05 23 43-0910	EA	3/4" Flanges, Stainless Steel Schedule 5 Type 316	73.45	19.71
		<i>For Work In Restricted Working Space, Add</i>	11.82	
40 05 23 43-0911	EA	1" Flanges, Stainless Steel Schedule 5 Type 316	86.86	26.40
		<i>For Work In Restricted Working Space, Add</i>	15.85	
40 05 23 43-0912	EA	1-1/4" Flanges, Stainless Steel Schedule 5 Type 316	97.15	27.58
		<i>For Work In Restricted Working Space, Add</i>	16.55	
40 05 23 43-0913	EA	1-1/2" Flanges, Stainless Steel Schedule 5 Type 316	112.98	31.52
		<i>For Work In Restricted Working Space, Add</i>	18.92	
40 05 23 43-0914	EA	2" Flanges, Stainless Steel Schedule 5 Type 316	135.57	35.47
		<i>For Work In Restricted Working Space, Add</i>	21.26	
40 05 23 43-0915	EA	2-1/2" Flanges, Stainless Steel Schedule 5 Type 316	184.80	45.32
		<i>For Work In Restricted Working Space, Add</i>	27.19	
40 05 23 43-0916	EA	3" Flanges, Stainless Steel Schedule 5 Type 316	203.48	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.42	
40 05 23 43-0917	EA	4" Flanges, Stainless Steel Schedule 5 Type 316	279.16	70.93
		<i>For Work In Restricted Working Space, Add</i>	42.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-0918 EA 6" Flanges, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	423.59 63.08	105.20
40 05 23 43-0919 EA 8" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	798.37 79.04	122.94
40 05 23 43-0920 EA 10" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,233.78 92.21	143.44
40 05 23 43-0921 EA 12" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,719.25 105.38	163.93
40 05 23 43-0922 EA 14" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	2,283.69 131.73	204.92
40 05 23 43-0923 EA 16" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,063.23 158.07	245.90
40 05 23 43-0924 EA 18" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,173.24 184.42	286.88
40 05 23 43-0925 EA 20" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	4,388.38 224.00	348.36
40 05 23 43-0926 EA 24" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	9,939.38 289.67	450.80
40 05 23 43-0927 Slip-On Flanges <small>(40 05 23 43-0813)</small>		
40 05 23 43-0928 EA 1/2" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	114.26 23.65	39.40
40 05 23 43-0929 EA 3/4" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	119.04 23.65	39.40
40 05 23 43-0930 EA 1" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	140.08 29.09	48.47
40 05 23 43-0931 EA 1-1/4" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	154.72 31.44	52.41
40 05 23 43-0932 EA 1-1/2" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	172.96 34.52	57.53
40 05 23 43-0933 EA 2" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	203.14 37.79	63.05
40 05 23 43-0934 EA 2-1/2" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	253.05 42.55	70.93
40 05 23 43-0935 EA 3" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	276.65 47.25	78.81
40 05 23 43-0936 EA 4" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	377.99 63.35	105.60
40 05 23 43-0937 EA 6" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	573.44 94.42	157.61
40 05 23 43-0938 EA 8" Flange, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,733.12 158.07	245.90
40 05 23 43-0939 Caps <small>(40 05 23 43-0813)</small>		
40 05 23 43-0940 EA 1/2" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	58.88 10.88	18.13
40 05 23 43-0941 EA 3/4" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	65.17 11.82	19.71
40 05 23 43-0942 EA 1" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	81.37 15.61	26.01
40 05 23 43-0943 EA 1-1/4" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	88.02 16.55	27.58
40 05 23 43-0944 EA 1-1/2" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	98.27 18.92	31.52
40 05 23 43-0945 EA 2" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	107.26 21.26	35.47
40 05 23 43-0946 EA 2-1/2" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	132.89 27.19	45.32
40 05 23 43-0947 EA 3" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	151.70 31.42	52.41
40 05 23 43-0948 EA 4" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	222.40 42.07	70.14
40 05 23 43-0949 EA 6" Cap, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	294.78 63.08	105.20
40 05 23 43-0950 Reducing Tees <small>(40 05 23 43-0813)</small>		
40 05 23 43-0951 EA 3/4" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	160.73 28.62	57.13
40 05 23 43-0952 EA 1" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	182.25 35.07	70.14
40 05 23 43-0953 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	218.83 39.41	78.81
40 05 23 43-0954 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	213.11 44.92	89.84
40 05 23 43-0955 EA 2" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	232.54 48.27	96.54
40 05 23 43-0956 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	354.45 52.61	105.20
40 05 23 43-0957 EA 3" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	334.16 63.05	126.09
40 05 23 43-0958 EA 4" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	441.79 78.81	157.61
40 05 23 43-0959 EA 6" Reducing Tees, Stainless Steel Schedule 5 Type 316 <i>For Work In Restricted Working Space, Add</i>	837.46 90.05	180.07

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 43-0960	EA	8" Reducing Tee, Stainless Steel Schedule 5 Type 316	1,564.00	245.90
		<i>For Work In Restricted Working Space, Add</i>	131.73	
40 05 23 43-0961	EA	10" Reducing Tee, Stainless Steel Schedule 5 Type 316	2,541.81	327.86
		<i>For Work In Restricted Working Space, Add</i>	175.64	
40 05 23 43-0962	EA	12" Reducing Tee, Stainless Steel Schedule 5 Type 316	3,380.12	491.79
		<i>For Work In Restricted Working Space, Add</i>	263.46	
40 05 23 43-0963	EA	14" Reducing Tee, Stainless Steel Schedule 5 Type 316	4,320.21	590.97
		<i>For Work In Restricted Working Space, Add</i>	316.51	
40 05 23 43-0964	EA	16" Reducing Tee, Stainless Steel Schedule 5 Type 316	4,783.58	720.88
		<i>For Work In Restricted Working Space, Add</i>	386.09	
40 05 23 43-0965	EA	18" Reducing Tee, Stainless Steel Schedule 5 Type 316	5,813.76	918.01
		<i>For Work In Restricted Working Space, Add</i>	491.79	
40 05 23 43-0966	EA	20" Reducing Tee, Stainless Steel Schedule 5 Type 316	9,004.18	1,207.76
		<i>For Work In Restricted Working Space, Add</i>	647.09	
40 05 23 43-0967	EA	24" Reducing Tee, Stainless Steel Schedule 5 Type 316	13,826.18	1,835.20
		<i>For Work In Restricted Working Space, Add</i>	982.71	

40 05 23 43-0968 Type 316 Schedule 10 Pipe And Welded Butt Fittings (40 05 23 43-0231)**40 05 23 43-0969 Pipe (40 05 23 43-0968)**

40 05 23 43-0970	LF	1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	15.11	3.55
		<i>For Work In Restricted Working Space, Add</i>	2.13	
40 05 23 43-0971	LF	3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	17.94	4.33
		<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 43-0972	LF	1" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	23.97	5.12
		<i>For Work In Restricted Working Space, Add</i>	3.05	
40 05 23 43-0973	LF	1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	29.22	6.39
		<i>For Work In Restricted Working Space, Add</i>	3.81	
40 05 23 43-0974	LF	1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	32.48	7.17
		<i>For Work In Restricted Working Space, Add</i>	4.30	
40 05 23 43-0975	LF	2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	40.16	8.90
		<i>For Work In Restricted Working Space, Add</i>	5.33	
40 05 23 43-0976	LF	2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	48.17	10.17
		<i>For Work In Restricted Working Space, Add</i>	6.09	
40 05 23 43-0977	LF	3" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	57.01	11.42
		<i>For Work In Restricted Working Space, Add</i>	6.85	
40 05 23 43-0978	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	71.86	13.56
		<i>For Work In Restricted Working Space, Add</i>	8.11	
40 05 23 43-0979	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Butt Weld Fitting	105.47	17.81
		<i>For Work In Restricted Working Space, Add</i>	10.65	
40 05 23 43-0980	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	174.21	31.31
		<i>For Work In Restricted Working Space, Add</i>	20.12	
40 05 23 43-0981	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	224.65	34.42
		<i>For Work In Restricted Working Space, Add</i>	22.13	
40 05 23 43-0982	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	270.02	38.28
		<i>For Work In Restricted Working Space, Add</i>	24.59	
40 05 23 43-0983	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	333.77	43.03
		<i>For Work In Restricted Working Space, Add</i>	27.67	
40 05 23 43-0984	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	366.80	49.18
		<i>For Work In Restricted Working Space, Add</i>	31.61	
40 05 23 43-0985	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	410.08	57.38
		<i>For Work In Restricted Working Space, Add</i>	36.88	
40 05 23 43-0986	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	573.54	68.85
		<i>For Work In Restricted Working Space, Add</i>	44.26	
40 05 23 43-0987	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting	749.41	86.06
		<i>For Work In Restricted Working Space, Add</i>	55.33	

40 05 23 43-0988 90 Degree Elbows (40 05 23 43-0968)

40 05 23 43-0989	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	104.22	44.92
		<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-0990	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	109.74	47.67
		<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-0991	EA	1" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	119.20	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-0992	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	135.25	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.29	
40 05 23 43-0993	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	152.76	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.80	
40 05 23 43-0994	EA	2" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	168.46	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-0995	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 10, Type 316	219.31	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.84	
40 05 23 43-0996	EA	3" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	260.33	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.04	
40 05 23 43-0997	EA	4" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	345.49	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.53	
40 05 23 43-0998	EA	6" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	582.31	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.37	
40 05 23 43-0999	EA	8" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,137.76	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-1000	EA	10" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	1,835.76	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-1001	EA	12" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	2,831.60	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-1002	EA	14" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316	3,633.68	573.76
		<i>For Work In Restricted Working Space, Add</i>	368.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1003 EA 16" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,536.77 420.73	655.72
40 05 23 43-1004 EA 18" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,782.27 526.92	819.65
40 05 23 43-1005 EA 20" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	9,590.74 737.69	1,147.51
40 05 23 43-1006 EA 24" 90 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	13,277.92 1,053.83	1,639.30
40 05 23 43-1007 45 Degree Elbows <small>(40 05 23 43-0968)</small>		
40 05 23 43-1008 EA 1/2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	110.12 26.95	44.92
40 05 23 43-1009 EA 3/4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	115.64 28.61	47.67
40 05 23 43-1010 EA 1" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	125.10 31.44	52.41
40 05 23 43-1011 EA 1-1/4" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316 <i>For Work In Restricted Working Space, Add</i>	136.94 34.27	57.13
40 05 23 43-1012 EA 1-1/2" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316 <i>For Work In Restricted Working Space, Add</i>	149.35 37.84	63.05
40 05 23 43-1013 EA 2" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	178.95 42.11	70.14
40 05 23 43-1014 EA 2-1/2" 45 Degree Elbow, Stainless Steel Schedule 10, Type 316 <i>For Work In Restricted Working Space, Add</i>	218.53 53.88	89.84
40 05 23 43-1015 EA 3" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	250.94 63.12	105.20
40 05 23 43-1016 EA 4" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	323.36 75.60	126.09
40 05 23 43-1017 EA 6" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	467.68 94.57	157.61
40 05 23 43-1018 EA 8" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	993.47 158.07	245.90
40 05 23 43-1019 EA 10" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,471.11 210.77	327.86
40 05 23 43-1020 EA 12" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,279.76 316.15	491.79
40 05 23 43-1021 EA 14" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,854.75 368.84	573.76
40 05 23 43-1022 EA 16" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,538.50 420.73	655.72
40 05 23 43-1023 EA 18" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,873.94 526.92	819.65
40 05 23 43-1024 EA 20" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	8,430.64 737.69	1,147.51
40 05 23 43-1025 EA 24" 45 Degree Elbow, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	11,368.17 1,053.83	1,639.30
40 05 23 43-1026 Tees <small>(40 05 23 43-0968)</small>		
40 05 23 43-1027 EA 1/2" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	162.45 34.25	57.13
40 05 23 43-1028 EA 3/4" Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	188.44 42.05	70.14
40 05 23 43-1029 EA 1" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	205.76 47.25	78.81
40 05 23 43-1030 EA 1-1/4" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	232.78 53.90	89.84
40 05 23 43-1031 EA 1-1/2" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	247.56 57.86	96.54
40 05 23 43-1032 EA 2" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	295.55 63.08	105.20
40 05 23 43-1033 EA 2-1/2" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	356.58 75.60	126.09
40 05 23 43-1034 EA 3" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	463.65 94.69	157.61
40 05 23 43-1035 EA 4" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	515.19 106.29	177.32
40 05 23 43-1036 EA 6" Tees, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	920.09 141.84	236.43
40 05 23 43-1037 EA 8" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,557.94 210.77	327.86
40 05 23 43-1038 EA 10" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,282.48 316.15	491.79
40 05 23 43-1039 EA 12" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,979.34 395.19	614.74
40 05 23 43-1040 EA 14" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,070.99 474.91	737.68
40 05 23 43-1041 EA 16" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,651.17 579.34	901.62
40 05 23 43-1042 EA 18" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	6,895.70 737.69	1,147.51
40 05 23 43-1043 EA 20" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	10,524.29 970.64	1,516.35
40 05 23 43-1044 EA 24" Tee, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	16,141.64 1,475.37	2,295.02

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 43-1045 Reducers (40 05 23 43-0968)			
40 05 23 43-1046	EA 3/4" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	123.43 26.03	43.34
40 05 23 43-1047	EA 1" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	136.91 28.37	47.29
40 05 23 43-1048	EA 1-1/4" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	170.94 31.44	52.41
40 05 23 43-1049	EA 1-1/2" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	142.51 34.26	57.13
40 05 23 43-1050	EA 2" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	156.78 37.83	63.05
40 05 23 43-1051	EA 2-1/2" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	204.09 47.28	78.81
40 05 23 43-1052	EA 3" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	225.49 53.84	89.84
40 05 23 43-1053	EA 4" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	262.18 63.08	105.20
40 05 23 43-1054	EA 6" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	338.51 80.32	133.98
40 05 23 43-1055	EA 8" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	746.04 126.46	196.71
40 05 23 43-1056	EA 10" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	978.23 158.07	245.90
40 05 23 43-1057	EA 12" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,300.08 210.77	327.86
40 05 23 43-1058	EA 14" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,727.99 276.63	430.32
40 05 23 43-1059	EA 16" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,056.23 315.52	491.79
40 05 23 43-1060	EA 18" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,554.61 395.19	614.74
40 05 23 43-1061	EA 20" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	3,898.69 526.92	819.65
40 05 23 43-1062	EA 24" Reducer, Stainless Steel Schedule 10 Type 316..... <i>For Work In Restricted Working Space, Add</i>	6,126.26 790.38	1,229.48
40 05 23 43-1063 Flanges (40 05 23 43-0968)			
40 05 23 43-1064	EA 1/2" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	72.09 10.88	18.13
40 05 23 43-1065	EA 3/4" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	75.24 11.82	19.71
40 05 23 43-1066	EA 1" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	88.65 15.85	26.40
40 05 23 43-1067	EA 1-1/4" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	99.36 16.55	27.58
40 05 23 43-1068	EA 1-1/2" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	115.61 18.92	31.52
40 05 23 43-1069	EA 2" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	138.98 21.26	35.47
40 05 23 43-1070	EA 2-1/2" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	189.77 27.19	45.32
40 05 23 43-1071	EA 3" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	208.67 31.42	52.41
40 05 23 43-1072	EA 4" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	286.41 42.56	70.93
40 05 23 43-1073	EA 6" Flanges, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	434.78 63.07	105.20
40 05 23 43-1074	EA 8" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	826.53 79.04	122.94
40 05 23 43-1075	EA 10" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,282.54 92.21	143.44
40 05 23 43-1076	EA 12" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,791.25 105.38	163.93
40 05 23 43-1077	EA 14" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	2,380.78 131.73	204.92
40 05 23 43-1078	EA 16" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,196.72 158.07	245.90
40 05 23 43-1079	EA 18" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,307.90 184.42	286.88
40 05 23 43-1080	EA 20" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	4,580.05 224.00	348.36
40 05 23 43-1081	EA 24" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	10,411.68 289.67	450.80
40 05 23 43-1082 Slip-On Flanges (40 05 23 43-0968)			
40 05 23 43-1083	EA 1/2" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	116.13 23.65	39.40
40 05 23 43-1084	EA 3/4" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	121.15 23.65	39.40
40 05 23 43-1085	EA 1" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	142.35 29.09	48.47
40 05 23 43-1086	EA 1-1/4" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	157.35 31.44	52.41
40 05 23 43-1087	EA 1-1/2" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	176.00 34.52	57.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1088 EA 2" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	207.24 37.80	63.05
40 05 23 43-1089 EA 2-1/2" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	258.92 42.56	70.93
40 05 23 43-1090 EA 3" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	282.94 47.25	78.81
40 05 23 43-1091 EA 4" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	386.81 63.36	105.60
40 05 23 43-1092 EA 6" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	587.27 94.48	157.61
40 05 23 43-1093 EA 8" Flange, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,796.61 158.07	245.90
40 05 23 43-1094 Caps <small>(40 05 23 43-0968)</small>		
40 05 23 43-1095 EA 1/2" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	60.07 10.88	18.13
40 05 23 43-1096 EA 3/4" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	66.52 11.82	19.71
40 05 23 43-1097 EA 1" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	82.92 15.61	26.01
40 05 23 43-1098 EA 1-1/4" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	89.75 16.55	27.58
40 05 23 43-1099 EA 1-1/2" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	100.13 18.92	31.52
40 05 23 43-1100 EA 2" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	109.19 21.26	35.47
40 05 23 43-1101 EA 2-1/2" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	135.12 27.19	45.32
40 05 23 43-1102 EA 3" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	154.16 31.42	52.41
40 05 23 43-1103 EA 4" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	226.78 42.08	70.14
40 05 23 43-1104 EA 6" Cap, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	299.19 63.07	105.20
40 05 23 43-1105 Reducing Tees <small>(40 05 23 43-0968)</small>		
40 05 23 43-1106 EA 3/4" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	165.92 28.62	57.13
40 05 23 43-1107 EA 1" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	205.17 35.07	70.14
40 05 23 43-1108 EA 1-1/4" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	228.56 39.41	78.81
40 05 23 43-1109 EA 1-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	255.88 44.92	89.84
40 05 23 43-1110 EA 2" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	285.49 48.27	96.54
40 05 23 43-1111 EA 2-1/2" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	425.32 52.61	105.20
40 05 23 43-1112 EA 3" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	426.46 63.05	126.09
40 05 23 43-1113 EA 4" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	527.54 78.81	157.61
40 05 23 43-1114 EA 6" Reducing Tees, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	953.72 90.05	180.07
40 05 23 43-1115 EA 8" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	1,688.98 131.73	245.90
40 05 23 43-1116 EA 10" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	3,660.50 175.64	327.86
40 05 23 43-1117 EA 12" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	4,767.91 263.46	491.79
40 05 23 43-1118 EA 14" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	6,151.55 316.51	590.97
40 05 23 43-1119 EA 16" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	6,722.57 386.09	720.88
40 05 23 43-1120 EA 18" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	8,122.14 491.79	918.01
40 05 23 43-1121 EA 20" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	10,794.10 647.09	1,207.92
40 05 23 43-1122 EA 24" Reducing Tee, Stainless Steel Schedule 10 Type 316 <i>For Work In Restricted Working Space, Add</i>	16,152.61 982.71	1,835.03
40 05 23 43-1123 Type 316 Schedule 40 Pipe And Welded Butt Fittings <small>(40 05 23 43-0231)</small>		
40 05 23 43-1124 Pipe <small>(40 05 23 43-1123)</small>		
40 05 23 43-1125 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	17.25 2.13	3.55
40 05 23 43-1126 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	20.93 2.60	4.33
40 05 23 43-1127 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	25.74 3.05	5.12
40 05 23 43-1128 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	32.17 3.81	6.30
40 05 23 43-1129 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting <i>For Work In Restricted Working Space, Add</i>	37.12 4.30	7.09

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 23 43-1130	LF	2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	47.69	9.07
		<i>For Work In Restricted Working Space, Add</i>	5.33	
40 05 23 43-1131	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	59.54	10.24
		<i>For Work In Restricted Working Space, Add</i>	6.09	
40 05 23 43-1132	LF	3" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	57.39	11.42
		<i>For Work In Restricted Working Space, Add</i>	6.85	
40 05 23 43-1133	LF	4" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	96.91	13.39
		<i>For Work In Restricted Working Space, Add</i>	8.11	
40 05 23 43-1134	LF	6" Pipe, Stainless Steel Schedule 40 Type 316 For Butt Weld Fitting	152.25	17.73
		<i>For Work In Restricted Working Space, Add</i>	10.65	
40 05 23 43-1135	LF	8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	267.20	31.15
		<i>For Work In Restricted Working Space, Add</i>	20.12	
40 05 23 43-1136	LF	10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	340.62	34.42
		<i>For Work In Restricted Working Space, Add</i>	22.13	
40 05 23 43-1137	LF	12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting	426.64	38.11
		<i>For Work In Restricted Working Space, Add</i>	24.59	
40 05 23 43-1138 90 Degree Elbows <small>(40 05 23 43-1123)</small>				
40 05 23 43-1139	EA	1/2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	110.67	44.92
		<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-1140	EA	3/4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	116.19	47.67
		<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-1141	EA	1" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	128.47	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-1142	EA	1-1/4" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	149.68	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.29	
40 05 23 43-1143	EA	1-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	155.50	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.80	
40 05 23 43-1144	EA	2" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	179.70	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-1145	EA	2-1/2" 90 Degree Elbow, Stainless Steel Schedule 40, Type 316	261.45	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.84	
40 05 23 43-1146	EA	3" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	321.38	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.04	
40 05 23 43-1147	EA	4" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	448.52	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.53	
40 05 23 43-1148	EA	6" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	970.37	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.37	
40 05 23 43-1149	EA	8" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	1,627.70	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-1150	EA	10" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	3,032.94	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-1151	EA	12" 90 Degree Elbow, Stainless Steel Schedule 40 Type 316	4,274.23	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-1152 45 Degree Elbows <small>(40 05 23 43-1123)</small>				
40 05 23 43-1153	EA	1/2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	119.34	44.92
		<i>For Work In Restricted Working Space, Add</i>	26.95	
40 05 23 43-1154	EA	3/4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	124.86	47.67
		<i>For Work In Restricted Working Space, Add</i>	28.61	
40 05 23 43-1155	EA	1" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	134.32	52.41
		<i>For Work In Restricted Working Space, Add</i>	31.44	
40 05 23 43-1156	EA	1-1/4" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	143.74	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.27	
40 05 23 43-1157	EA	1-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	165.49	63.05
		<i>For Work In Restricted Working Space, Add</i>	37.84	
40 05 23 43-1158	EA	2" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	181.69	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.11	
40 05 23 43-1159	EA	2-1/2" 45 Degree Elbow, Stainless Steel Schedule 40, Type 316	258.07	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.88	
40 05 23 43-1160	EA	3" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	288.86	105.20
		<i>For Work In Restricted Working Space, Add</i>	63.12	
40 05 23 43-1161	EA	4" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	390.18	126.09
		<i>For Work In Restricted Working Space, Add</i>	75.60	
40 05 23 43-1162	EA	6" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	708.70	157.61
		<i>For Work In Restricted Working Space, Add</i>	94.57	
40 05 23 43-1163	EA	8" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	1,252.96	245.90
		<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-1164	EA	10" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	2,096.10	327.86
		<i>For Work In Restricted Working Space, Add</i>	210.77	
40 05 23 43-1165	EA	12" 45 Degree Elbow, Stainless Steel Schedule 40 Type 316	2,857.26	491.79
		<i>For Work In Restricted Working Space, Add</i>	316.15	
40 05 23 43-1166 Tees <small>(40 05 23 43-1123)</small>				
40 05 23 43-1167	EA	1/2" Tees, Stainless Steel Schedule 40 Type 316	183.27	57.13
		<i>For Work In Restricted Working Space, Add</i>	34.25	
40 05 23 43-1168	EA	3/4" Tees, Stainless Steel Schedule 40 Type 316	209.26	70.14
		<i>For Work In Restricted Working Space, Add</i>	42.05	
40 05 23 43-1169	EA	1" Tees, Stainless Steel Schedule 40 Type 316	226.58	78.81
		<i>For Work In Restricted Working Space, Add</i>	47.25	
40 05 23 43-1170	EA	1-1/4" Tees, Stainless Steel Schedule 40 Type 316	290.93	89.84
		<i>For Work In Restricted Working Space, Add</i>	53.90	
40 05 23 43-1171	EA	1-1/2" Tees, Stainless Steel Schedule 40 Type 316	261.94	96.54
		<i>For Work In Restricted Working Space, Add</i>	57.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1172 EA 2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	282.89 63.08	105.20
40 05 23 43-1173 EA 2-1/2" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	448.74 75.60	126.09
40 05 23 43-1174 EA 3" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	472.55 94.69	157.61
40 05 23 43-1175 EA 4" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	567.42 106.29	177.32
40 05 23 43-1176 EA 6" Tees, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,112.19 141.84	236.43
40 05 23 43-1177 EA 8" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	2,424.00 210.77	327.86
40 05 23 43-1178 EA 10" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	4,332.79 316.15	491.79
40 05 23 43-1179 EA 12" Tee, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	5,415.97 395.19	614.74
40 05 23 43-1180 Reducers <small>(40 05 23 43-1123)</small>		
40 05 23 43-1181 EA 3/4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	127.83 26.03	43.34
40 05 23 43-1182 EA 1" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	141.98 28.36	47.29
40 05 23 43-1183 EA 1-1/4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	178.86 31.44	52.41
40 05 23 43-1184 EA 1-1/2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	145.93 34.26	57.13
40 05 23 43-1185 EA 2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	160.49 37.84	63.05
40 05 23 43-1186 EA 2-1/2" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	209.69 47.28	78.81
40 05 23 43-1187 EA 3" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	230.98 53.83	89.84
40 05 23 43-1188 EA 4" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	268.41 63.08	105.20
40 05 23 43-1189 EA 6" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	346.98 80.31	133.98
40 05 23 43-1190 EA 8" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	784.97 126.46	196.71
40 05 23 43-1191 EA 10" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,032.38 158.07	245.90
40 05 23 43-1192 EA 12" Reducer, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,371.79 210.77	327.86
40 05 23 43-1193 Flanges <small>(40 05 23 43-1123)</small>		
40 05 23 43-1194 EA 1/2" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	76.39 10.88	18.13
40 05 23 43-1195 EA 3/4" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	79.54 11.82	19.71
40 05 23 43-1196 EA 1" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	92.95 15.85	26.40
40 05 23 43-1197 EA 1-1/4" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	104.66 16.55	27.58
40 05 23 43-1198 EA 1-1/2" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	121.91 18.92	31.52
40 05 23 43-1199 EA 2" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	147.15 21.26	35.47
40 05 23 43-1200 EA 2-1/2" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	201.66 27.19	45.32
40 05 23 43-1201 EA 3" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	221.14 31.42	52.41
40 05 23 43-1202 EA 4" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	303.75 42.56	70.93
40 05 23 43-1203 EA 6" Flanges, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	461.73 63.07	105.20
40 05 23 43-1204 EA 8" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	894.10 79.04	122.94
40 05 23 43-1205 EA 10" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,399.56 92.21	143.44
40 05 23 43-1206 EA 12" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,964.04 105.38	163.93
40 05 23 43-1207 Slip-On Flanges <small>(40 05 23 43-1123)</small>		
40 05 23 43-1208 EA 1/2" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	120.60 23.65	39.40
40 05 23 43-1209 EA 3/4" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	126.23 23.65	39.40
40 05 23 43-1210 EA 1" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	147.80 29.09	48.47
40 05 23 43-1211 EA 1-1/4" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	163.65 31.44	52.41
40 05 23 43-1212 EA 1-1/2" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	183.31 34.52	57.53
40 05 23 43-1213 EA 2" Flange, Stainless Steel Schedule 40 Type 316..... <i>For Work In Restricted Working Space, Add</i>	216.98 37.80	63.05

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1214	EA		2-1/2" Flange, Stainless Steel Schedule 40 Type 316	272.97	70.93
			<i>For Work In Restricted Working Space, Add</i>	42.56	
40 05 23 43-1215	EA		3" Flange, Stainless Steel Schedule 40 Type 316	297.99	78.81
			<i>For Work In Restricted Working Space, Add</i>	47.25	
40 05 23 43-1216	EA		4" Flange, Stainless Steel Schedule 40 Type 316	407.88	105.60
			<i>For Work In Restricted Working Space, Add</i>	63.36	
40 05 23 43-1217	EA		6" Flange, Stainless Steel Schedule 40 Type 316	619.95	157.61
			<i>For Work In Restricted Working Space, Add</i>	94.48	
40 05 23 43-1218	EA		8" Flange, Stainless Steel Schedule 40 Type 316	1,948.97	245.90
			<i>For Work In Restricted Working Space, Add</i>	158.07	
40 05 23 43-1219			Caps (40 05 23 43-123)		
40 05 23 43-1220	EA		1/2" Cap, Stainless Steel Schedule 40 Type 316	62.92	18.13
			<i>For Work In Restricted Working Space, Add</i>	10.88	
40 05 23 43-1221	EA		3/4" Cap, Stainless Steel Schedule 40 Type 316	69.78	19.71
			<i>For Work In Restricted Working Space, Add</i>	11.82	
40 05 23 43-1222	EA		1" Cap, Stainless Steel Schedule 40 Type 316	86.63	26.01
			<i>For Work In Restricted Working Space, Add</i>	15.61	
40 05 23 43-1223	EA		1-1/4" Cap, Stainless Steel Schedule 40 Type 316	93.90	27.58
			<i>For Work In Restricted Working Space, Add</i>	16.55	
40 05 23 43-1224	EA		1-1/2" Cap, Stainless Steel Schedule 40 Type 316	104.58	31.52
			<i>For Work In Restricted Working Space, Add</i>	18.92	
40 05 23 43-1225	EA		2" Cap, Stainless Steel Schedule 40 Type 316	113.78	35.47
			<i>For Work In Restricted Working Space, Add</i>	21.26	
40 05 23 43-1226	EA		2-1/2" Cap, Stainless Steel Schedule 40 Type 316	140.46	45.32
			<i>For Work In Restricted Working Space, Add</i>	27.19	
40 05 23 43-1227	EA		3" Cap, Stainless Steel Schedule 40 Type 316	160.09	52.41
			<i>For Work In Restricted Working Space, Add</i>	31.42	
40 05 23 43-1228	EA		4" Cap, Stainless Steel Schedule 40 Type 316	237.16	70.14
			<i>For Work In Restricted Working Space, Add</i>	42.08	
40 05 23 43-1229	EA		6" Cap, Stainless Steel Schedule 40 Type 316	309.86	105.20
			<i>For Work In Restricted Working Space, Add</i>	63.07	
40 05 23 43-1230			Reducing Tees (40 05 23 43-1123)		
40 05 23 43-1231	EA		1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	171.13	57.13
			<i>For Work In Restricted Working Space, Add</i>	28.54	
40 05 23 43-1232	EA		3/4" Reducing Tees, Stainless Steel Schedule 40 Type 316	192.77	70.14
			<i>For Work In Restricted Working Space, Add</i>	35.03	
40 05 23 43-1233	EA		1" Reducing Tees, Stainless Steel Schedule 40 Type 316	207.24	78.81
			<i>For Work In Restricted Working Space, Add</i>	39.37	
40 05 23 43-1234	EA		1-1/4" Reducing Tees, Stainless Steel Schedule 40 Type 316	272.04	89.84
			<i>For Work In Restricted Working Space, Add</i>	44.90	
40 05 23 43-1235	EA		1-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	236.65	96.54
			<i>For Work In Restricted Working Space, Add</i>	48.20	
40 05 23 43-1236	EA		2" Reducing Tees, Stainless Steel Schedule 40 Type 316	255.09	105.20
			<i>For Work In Restricted Working Space, Add</i>	52.57	
40 05 23 43-1237	EA		2-1/2" Reducing Tees, Stainless Steel Schedule 40 Type 316	426.36	126.09
			<i>For Work In Restricted Working Space, Add</i>	62.99	
40 05 23 43-1238	EA		3" Reducing Tees, Stainless Steel Schedule 40 Type 316	435.72	157.61
			<i>For Work In Restricted Working Space, Add</i>	78.93	
40 05 23 43-1239	EA		4" Reducing Tees, Stainless Steel Schedule 40 Type 316	529.73	177.32
			<i>For Work In Restricted Working Space, Add</i>	88.59	
40 05 23 43-1240	EA		6" Reducing Tees, Stainless Steel Schedule 40 Type 316	1,097.05	236.43
			<i>For Work In Restricted Working Space, Add</i>	118.12	
40 05 23 43-1241	EA		8" Reducing Tee, Stainless Steel Schedule 40 Type 316	2,479.05	327.86
			<i>For Work In Restricted Working Space, Add</i>	175.64	
40 05 23 43-1242	EA		10" Reducing Tee, Stainless Steel Schedule 40 Type 316	4,485.04	491.79
			<i>For Work In Restricted Working Space, Add</i>	263.46	
40 05 23 43-1243	EA		12" Reducing Tee, Stainless Steel Schedule 40 Type 316	5,606.29	614.74
			<i>For Work In Restricted Working Space, Add</i>	329.32	
40 05 23 43-1244			Valves (40 05 23 43-0231)		
40 05 23 43-1245			Gate Valves, Class 150 (40 05 23 43-1244)		
40 05 23 43-1246	EA		1/2" Gate Valve, Stainless Steel, Flanged	503.67	40.17
			<i>For Work In Restricted Working Space, Add</i>	24.10	
			<i>For Class 200, Deduct</i>	-113.24	
			<i>For Class 300, Add</i>	397.94	
40 05 23 43-1247	EA		3/4" Gate Valve, Stainless Steel, Flanged	540.24	42.28
			<i>For Work In Restricted Working Space, Add</i>	25.37	
			<i>For Class 200, Deduct</i>	-121.90	
			<i>For Class 300, Add</i>	428.35	
40 05 23 43-1248	EA		1" Gate Valve, Stainless Steel, Flanged	639.00	42.28
			<i>For Work In Restricted Working Space, Add</i>	25.37	
			<i>For Class 200, Deduct</i>	-148.31	
			<i>For Class 300, Add</i>	521.17	
40 05 23 43-1249	EA		1-1/4" Gate Valve, Stainless Steel, Flanged	820.63	56.23
			<i>For Work In Restricted Working Space, Add</i>	33.74	
			<i>For Class 200, Deduct</i>	-189.44	
			<i>For Class 300, Add</i>	665.68	
40 05 23 43-1250	EA		1-1/2" Gate Valve, Stainless Steel, Flanged	926.23	70.60
			<i>For Work In Restricted Working Space, Add</i>	42.36	
			<i>For Class 200, Deduct</i>	-210.00	
			<i>For Class 300, Add</i>	737.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1251 EA 2" Gate Valve, Stainless Steel, Flanged	1,116.75	93.85
For Work In Restricted Working Space, Add	56.32	
For Class 200, Deduct	-248.51	
For Class 300, Add	873.28	
40 05 23 43-1252 EA 2-1/2" Gate Valve, Stainless Steel, Flanged	1,627.87	120.91
For Work In Restricted Working Space, Add	72.56	
For Class 300, Add	1,302.86	
40 05 23 43-1253 EA 3" Gate Valve, Stainless Steel, Flanged	1,835.43	140.78
For Work In Restricted Working Space, Add	84.44	
For Class 300, Add	1,460.73	
40 05 23 43-1254 EA 4" Gate Valve, Stainless Steel, Flanged	2,348.00	180.10
For Work In Restricted Working Space, Add	108.03	
For Class 300, Add	1,868.63	
40 05 23 43-1255 EA 6" Gate Valve, Stainless Steel, Flanged	3,878.20	211.38
For Work In Restricted Working Space, Add	126.83	
For Class 300, Add	3,248.11	
40 05 23 43-1256 EA 8" Gate Valve, Stainless Steel, Flanged	8,390.02	241.40
For Work In Restricted Working Space, Add	144.78	
For Class 300, Add	7,432.97	
40 05 23 43-1257 EA 10" Gate Valve, Stainless Steel, Flanged	11,830.14	295.93
For Work In Restricted Working Space, Add	177.63	
For Class 300, Add	10,563.75	
40 05 23 43-1258 EA 12" Gate Valve, Stainless Steel, Flanged	17,820.20	358.50
For Work In Restricted Working Space, Add	215.18	
For Class 300, Add	16,076.74	
40 05 23 43-1259 Globe Valves, Class 150 (40 05 23 43-1244)		
40 05 23 43-1260 EA 1/2" Globe Valve, Stainless Steel, Flanged	678.33	40.17
For Work In Restricted Working Space, Add	24.09	
For Class 200, Deduct	-159.97	
For Class 300, Add	562.15	
40 05 23 43-1261 EA 3/4" Globe Valve, Stainless Steel, Flanged	743.24	42.28
For Work In Restricted Working Space, Add	25.37	
For Class 200, Deduct	-176.20	
For Class 300, Add	619.17	
40 05 23 43-1262 EA 1" Globe Valve, Stainless Steel, Flanged	903.45	44.39
For Work In Restricted Working Space, Add	26.63	
For Class 200, Deduct	-217.93	
For Class 300, Add	765.82	
40 05 23 43-1263 EA 1-1/2" Globe Valve, Stainless Steel, Flanged	1,354.54	70.60
For Work In Restricted Working Space, Add	42.35	
For Class 200, Deduct	-324.58	
For Class 300, Add	1,140.58	
40 05 23 43-1264 EA 2" Globe Valve, Stainless Steel, Flanged	1,669.78	93.85
For Work In Restricted Working Space, Add	56.31	
For Class 200, Deduct	-396.45	
For Class 300, Add	1,393.15	
40 05 23 43-1265 EA 2-1/2" Globe Valve, Stainless Steel, Flanged	3,361.89	120.91
For Work In Restricted Working Space, Add	72.52	
For Class 300, Add	2,932.94	
40 05 23 43-1266 EA 3" Globe Valve, Stainless Steel, Flanged	3,488.28	140.78
For Work In Restricted Working Space, Add	84.44	
For Class 300, Add	3,014.41	
40 05 23 43-1267 EA 4" Globe Valve, Stainless Steel, Flanged	4,086.93	180.10
For Work In Restricted Working Space, Add	108.03	
For Class 300, Add	3,503.22	
40 05 23 43-1268 EA 6" Globe Valve, Stainless Steel, Flanged	7,486.41	211.38
For Work In Restricted Working Space, Add	126.83	
For Class 300, Add	6,639.83	
40 05 23 43-1269 Check Valves, Class 150 (40 05 23 43-1244)		
40 05 23 43-1270 EA 2-1/2" Check Valve, Stainless Steel, Flanged	1,561.24	120.91
For Work In Restricted Working Space, Add	72.52	
For Class 300, Add	1,240.33	
40 05 23 43-1271 EA 3" Check Valve, Stainless Steel, Flanged	1,642.11	140.78
For Work In Restricted Working Space, Add	84.44	
For Class 300, Add	1,279.01	
40 05 23 43-1272 EA 4" Check Valve, Stainless Steel, Flanged	2,477.67	180.10
For Work In Restricted Working Space, Add	108.03	
For Class 300, Add	1,990.52	
40 05 23 43-1273 EA 6" Check Valve, Stainless Steel, Flanged	4,207.36	211.38
For Work In Restricted Working Space, Add	126.83	
For Class 300, Add	3,557.52	
40 05 23 43-1274 EA 8" Check Valve, Stainless Steel, Flanged	7,330.92	241.40
For Work In Restricted Working Space, Add	144.78	
For Class 300, Add	6,437.42	
40 05 23 43-1275 Type 316 Seamless Annealed Tubing (40 05 23 43)		
Note: For high pressure air (8000 PSIG working pressure).		
40 05 23 43-1276 Type 316 Seamless Annealed Tubing (40 05 23 43-1275)		
40 05 23 43-1277 LF 3/8" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	14.98	
40 05 23 43-1278 LF 1/2" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	18.49	
40 05 23 43-1279 LF 3/4" Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	22.33	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 43-1280			Type 316 Seamless Annealed Tubing Fittings <small>(40 05 23 43-1275)</small>		
			Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.		
40 05 23 43-1281	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	49.98	
40 05 23 43-1282	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	53.82	
40 05 23 43-1283	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	82.60	
40 05 23 43-1284	EA		3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	46.28	
40 05 23 43-1285	EA		3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	76.40	
40 05 23 43-1286	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	57.45	
40 05 23 43-1287	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	71.70	
40 05 23 43-1288	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	110.43	
40 05 23 43-1289	EA		1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	70.31	
40 05 23 43-1290	EA		1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	108.43	
40 05 23 43-1291	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	68.66	
40 05 23 43-1292	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	88.94	
40 05 23 43-1293	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	147.45	
40 05 23 43-1294	EA		3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	121.88	
40 05 23 43-1295	EA		3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	150.00	
40 05 23 43-1296			Valves For High Pressure Air (5,000 PSIG) <small>(40 05 23 43-1275)</small>		
40 05 23 43-1297			Needle Valves <small>(40 05 23 43-1296)</small>		
40 05 23 43-1298	EA		3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	280.73	
40 05 23 43-1299	EA		1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	446.88	
40 05 23 43-1300			Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG <small>(40 05 23 43-1296)</small>		
40 05 23 43-1301	EA		1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	269.31	
40 05 23 43-1302			Other Valves Working Pressure 6,000 PSI <small>(40 05 23 43-1296)</small>		
40 05 23 43-1303	EA		1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,123.71	
40 05 23 43-1304	EA		1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	280.21	
40 05 23 43-1305	EA		Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	53.21	
40 05 41			Glass Process Pipe <small>(40 05)</small>		
40 05 41 00-0001			Glass Pressure Pipe <small>(40 05 41)</small>		
40 05 41 00-0002			Glass Pipe, Beaded Joints <small>(40 05 41 00-0001)</small>		
40 05 41 00-0003	LF		1/2" Glass Pipe, Pressure	29.58	11.67
			<i>For Work In Restricted Working Space, Add</i>	7.00	
40 05 41 00-0004	LF		3/4" Glass Pipe, Pressure	35.48	14.01
			<i>For Work In Restricted Working Space, Add</i>	8.40	
40 05 41 00-0005	LF		1" Glass Pipe, Pressure	40.85	15.56
			<i>For Work In Restricted Working Space, Add</i>	9.34	
40 05 41 00-0006	LF		1-1/2" Glass Pipe, Pressure	54.20	21.01
			<i>For Work In Restricted Working Space, Add</i>	12.60	
40 05 41 00-0007	LF		2" Glass Pipe, Pressure	65.93	24.89
			<i>For Work In Restricted Working Space, Add</i>	14.94	
40 05 41 00-0008	LF		3" Glass Pipe, Pressure	80.60	28.79
			<i>For Work In Restricted Working Space, Add</i>	17.27	
40 05 41 00-0009	LF		4" Glass Pipe, Pressure	110.06	38.90
			<i>For Work In Restricted Working Space, Add</i>	23.34	
40 05 41 00-0010	LF		6" Glass Pipe, Pressure	151.24	46.68
			<i>For Work In Restricted Working Space, Add</i>	28.01	
40 05 41 00-0011			Glass 90 Degree Elbows <small>(40 05 41 00-0001)</small>		
40 05 41 00-0012	EA		1/2" 90 Degree Elbow, Glass, Pressure	139.05	62.24
			<i>For Work In Restricted Working Space, Add</i>	37.34	
40 05 41 00-0013	EA		3/4" 90 Degree Elbow, Glass, Pressure	149.42	66.13
			<i>For Work In Restricted Working Space, Add</i>	39.68	
40 05 41 00-0014	EA		1" 90 Degree Elbow, Glass, Pressure	162.49	70.03
			<i>For Work In Restricted Working Space, Add</i>	42.01	
40 05 41 00-0015	EA		1-1/2" 90 Degree Elbow, Glass, Pressure	179.54	77.80
			<i>For Work In Restricted Working Space, Add</i>	46.68	
40 05 41 00-0016	EA		2" 90 Degree Elbow, Glass, Pressure	203.11	85.58
			<i>For Work In Restricted Working Space, Add</i>	51.35	
40 05 41 00-0017	EA		3" 90 Degree Elbow, Glass, Pressure	253.15	101.14
			<i>For Work In Restricted Working Space, Add</i>	60.68	
40 05 41 00-0018	EA		4" 90 Degree Elbow, Glass, Pressure	288.65	108.93
			<i>For Work In Restricted Working Space, Add</i>	65.34	
40 05 41 00-0019	EA		6" 90 Degree Elbow, Glass, Pressure	433.55	124.48
			<i>For Work In Restricted Working Space, Add</i>	74.69	
40 05 41 00-0020			Glass 45 Degree Elbows <small>(40 05 41 00-0001)</small>		
40 05 41 00-0021	EA		1/2" 45 Degree Elbow, Glass, Pressure	138.46	62.24
			<i>For Work In Restricted Working Space, Add</i>	37.34	
40 05 41 00-0022	EA		3/4" 45 Degree Elbow, Glass, Pressure	148.74	66.13
			<i>For Work In Restricted Working Space, Add</i>	39.68	
40 05 41 00-0023	EA		1" 45 Degree Elbow, Glass, Pressure	161.59	70.03
			<i>For Work In Restricted Working Space, Add</i>	42.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0024 EA 1-1/2" 45 Degree Elbow, Glass, Pressure	178.59	77.80
<i>For Work In Restricted Working Space, Add</i>	46.68	
40 05 41 00-0025 EA 2" 45 Degree Elbow, Glass, Pressure	201.80	85.58
<i>For Work In Restricted Working Space, Add</i>	51.35	
40 05 41 00-0026 EA 3" 45 Degree Elbow, Glass, Pressure	251.14	101.14
<i>For Work In Restricted Working Space, Add</i>	60.69	
40 05 41 00-0027 EA 4" 45 Degree Elbow, Glass, Pressure	285.81	108.93
<i>For Work In Restricted Working Space, Add</i>	65.34	
40 05 41 00-0028 EA 6" 45 Degree Elbow, Glass, Pressure	426.08	124.48
<i>For Work In Restricted Working Space, Add</i>	74.67	
40 05 41 00-0029 Glass Tees <small>(40 05 41 00-0001)</small>		
40 05 41 00-0030 EA 1/2" Tee, Glass, Pressure	211.70	93.36
<i>For Work In Restricted Working Space, Add</i>	56.03	
40 05 41 00-0031 EA 3/4" Tee, Glass, Pressure	227.56	101.14
<i>For Work In Restricted Working Space, Add</i>	60.69	
40 05 41 00-0032 EA 1" Tee, Glass, Pressure	245.75	108.93
<i>For Work In Restricted Working Space, Add</i>	65.34	
40 05 41 00-0033 EA 1-1/2" Tee, Glass, Pressure	274.26	116.70
<i>For Work In Restricted Working Space, Add</i>	70.01	
40 05 41 00-0034 EA 2" Tee, Glass, Pressure	304.66	128.37
<i>For Work In Restricted Working Space, Add</i>	77.03	
40 05 41 00-0035 EA 3" Tee, Glass, Pressure	370.07	155.60
<i>For Work In Restricted Working Space, Add</i>	93.36	
40 05 41 00-0036 EA 4" Tee, Glass, Pressure	425.40	163.30
<i>For Work In Restricted Working Space, Add</i>	97.99	
40 05 41 00-0037 EA 6" Tee, Glass, Pressure	545.93	186.65
<i>For Work In Restricted Working Space, Add</i>	112.00	
40 05 41 00-0038 Glass Couplings, Vitron Liner <small>(40 05 41 00-0001)</small>		
40 05 41 00-0039 EA 1/2" Coupling, Vitron Liner, Glass	20.95	
40 05 41 00-0040 EA 3/4" Coupling, Vitron Liner, Glass	23.94	
40 05 41 00-0041 EA 1" Coupling, Vitron Liner, Glass	27.94	
40 05 41 00-0042 EA 1-1/2" Coupling, Vitron Liner, Glass	31.93	
40 05 41 00-0043 EA 2" Coupling, Vitron Liner, Glass	38.41	
40 05 41 00-0044 EA 3" Coupling, Vitron Liner, Glass	70.34	
40 05 41 00-0045 EA 4" Coupling, Vitron Liner, Glass	84.80	
40 05 41 00-0046 EA 6" Coupling, Vitron Liner, Glass	169.61	

END OF SECTION 40

40 Process Interconnections**40 05 Common Work Results For Process Interconnections**

40 05 41 Glass Process Pipe

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

THIS PAGE INTENTIONALLY LEFT BLANK

WWW.THEGORDIANGROUP.COM
855.467.9444

30 PATEWOOD DRIVE, SUITE 350
GREENVILLE, SOUTH CAROLINA 29615

THE
GORDIAN
GROUP®